

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002972.D
 Acq On : 13 Aug 2020 18:38
 Operator : CG/JU
 Sample : L3648-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-6

Quant Time: Aug 14 00:52:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	351555	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1468462	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	917002	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1975720	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1981029	20.00	ng	0.00
86) Perylene-d12	23.42	264	2049963	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1133846	49.36	ng	0.00
7) Phenol-d6	6.86	99	853005	26.75	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1735846	64.02	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1258628	110.43	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4982343	74.23	ng	-0.01
79) Terphenyl-d14	19.66	244	6845781	69.18	ng	-0.01

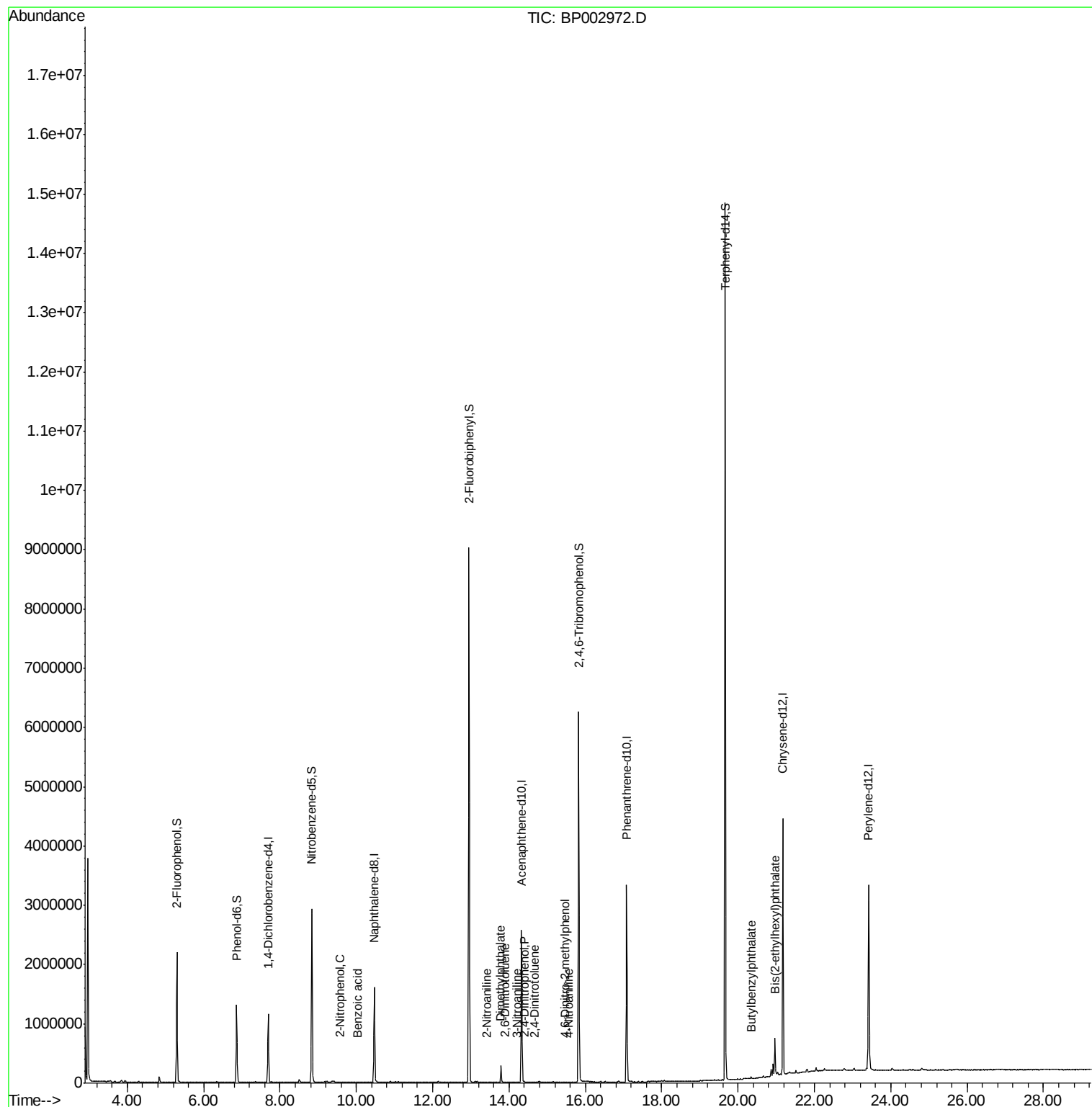
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.58	139	31	4.523	ng	# 1
32) Benzoic acid	10.03	122	96	7.692	ng	# 85
48) 2-Nitroaniline	13.40	65	58	3.975	ng	# 25
50) Dimethylphthalate	13.79	163	196339	2.738	ng	# 99
51) 2,6-Dinitrotoluene	13.89	165	427	2.924	ng	# 68
53) 3-Nitroaniline	14.20	138	24	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.41	184	18	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	125	3.811	ng	# 52
62) 4-Nitroaniline	15.57	138	43	2.418	ng	# 85
65) 4,6-Dinitro-2-methylphenol	15.46	198	8	6.901	ng	# 1
80) Butylbenzylphthalate	20.34	149	1360	3.080	ng	# 78
84) Bis(2-ethylhexyl)phthalate	20.96	149	273453	3.568	ng	# 52

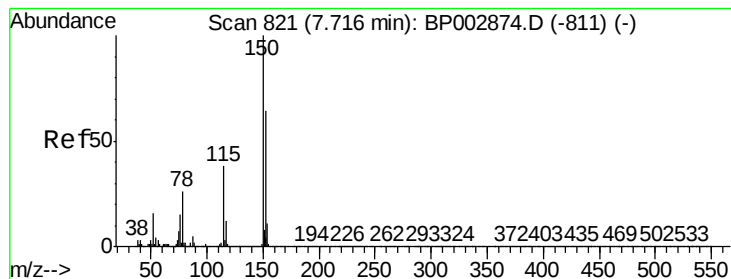
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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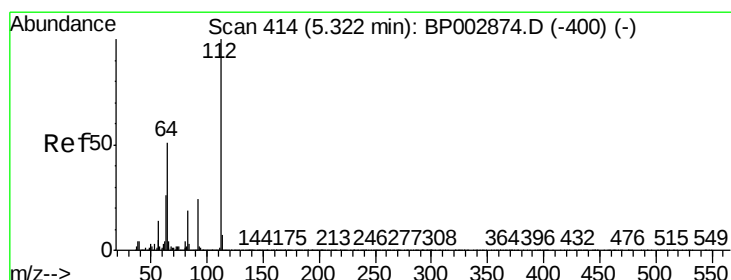
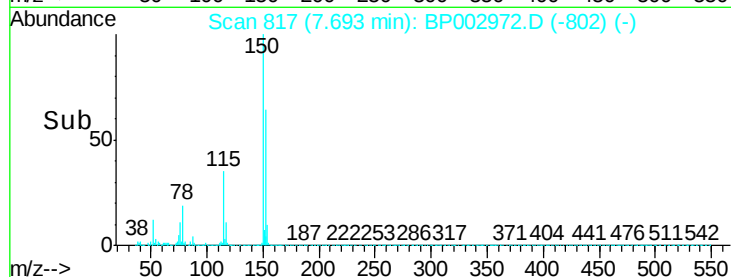
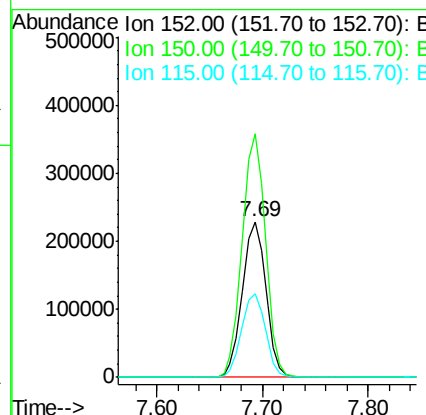
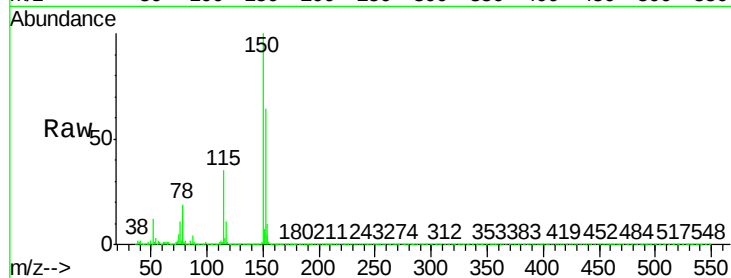


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-6

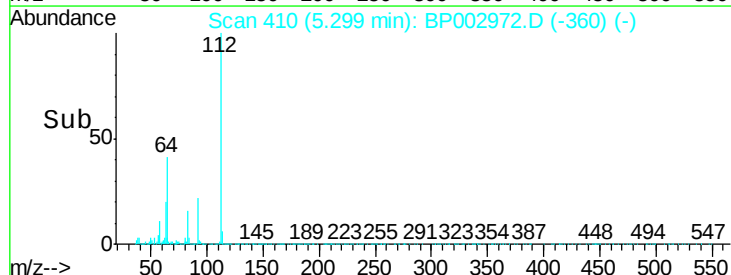
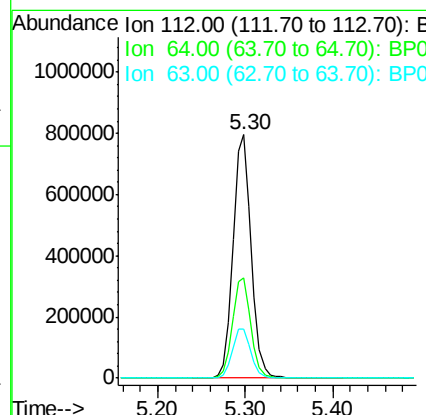
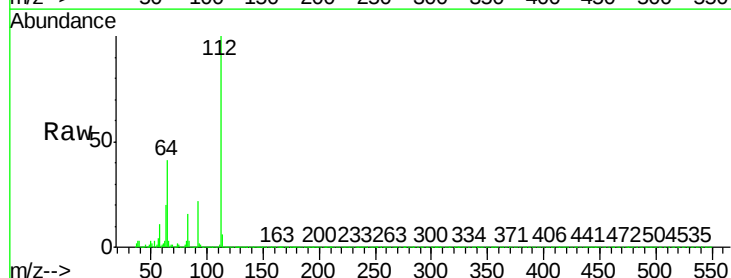
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	54.2	42.1	63.1



#5

2-Fluorophenol
Concen: 49.362 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	33.8	50.8
63	20.4	17.2	25.8





#7

Phenol-d6

Concen: 26.748 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

Instrument :

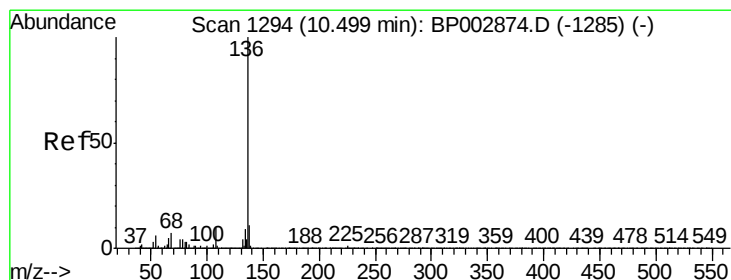
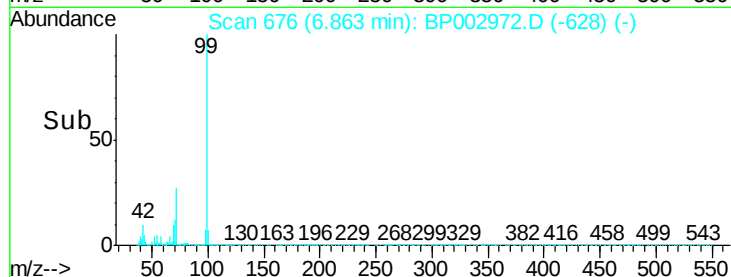
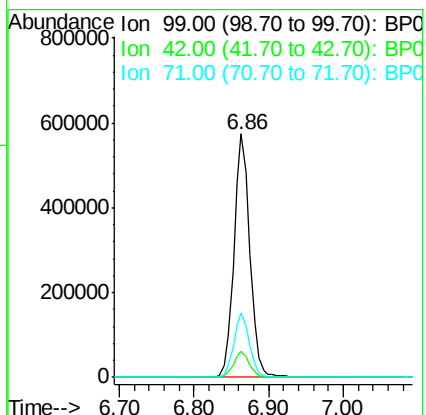
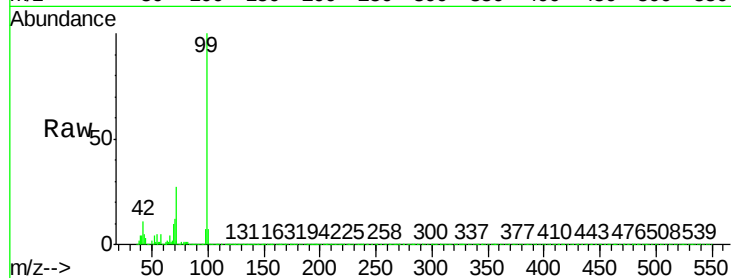
BNA_P

ClientSampleId :

BS-STOCK-6

Tot Ion: 99 Resp: 853005

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.1	12.1
71	26.6	21.0	31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

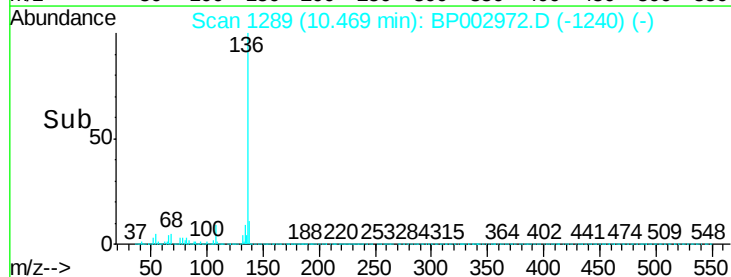
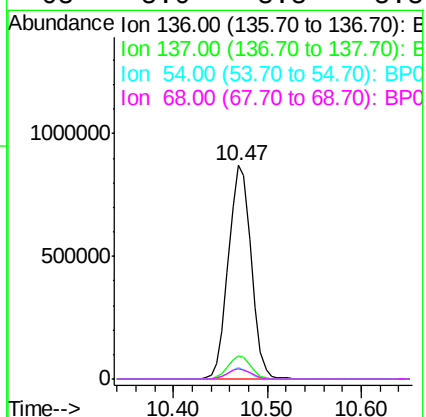
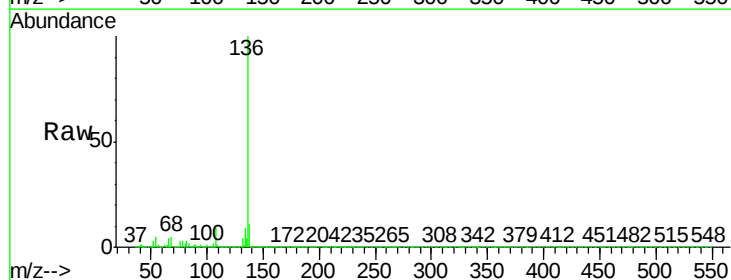
Delta R.T. -0.01 min

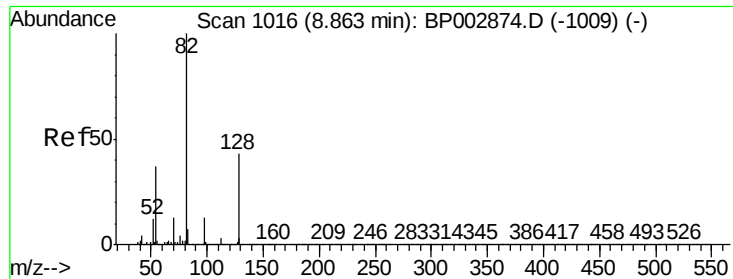
Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

Tgt Ion: 136 Resp: 1468462

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.2	3.9	5.9
68	5.0	3.8	5.8

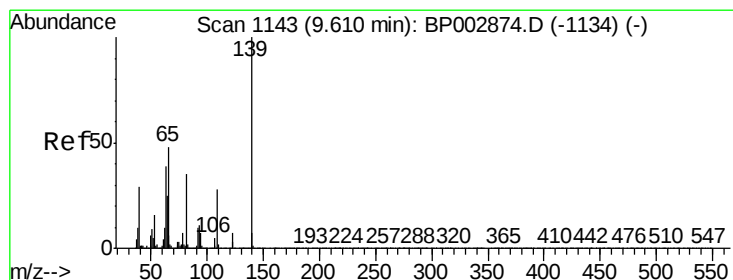
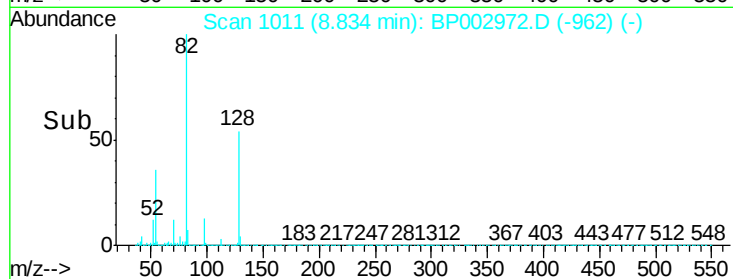
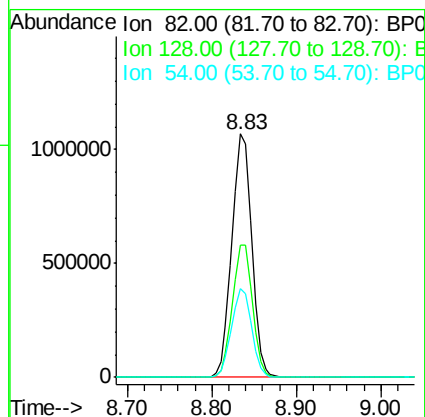
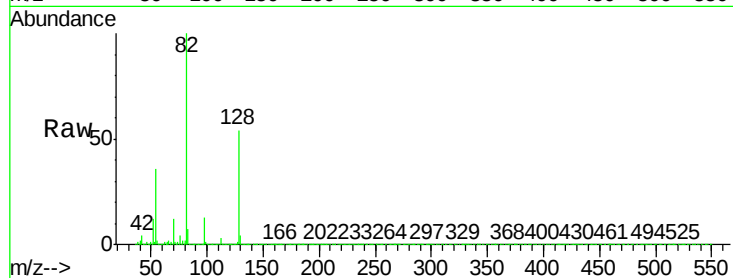




#23
 Nitrobenzene-d5
 Concen: 64.025 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002972.D
 Acq: 13 Aug 2020 18:38

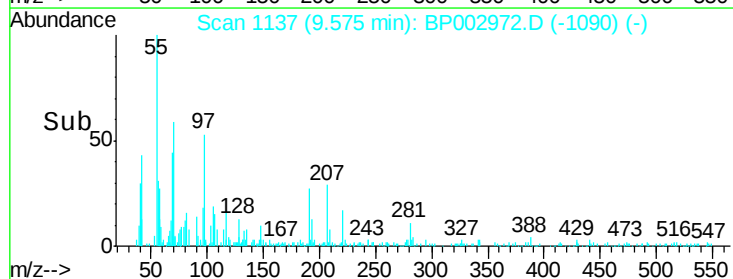
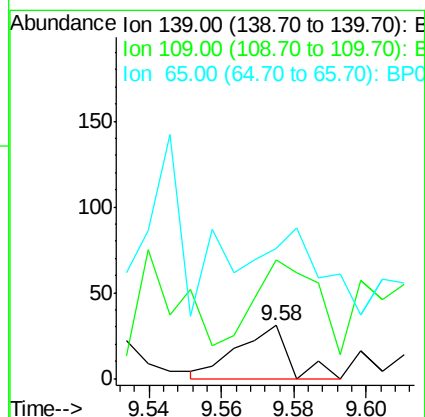
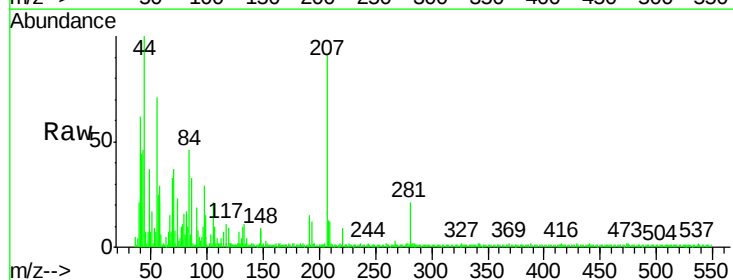
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-6

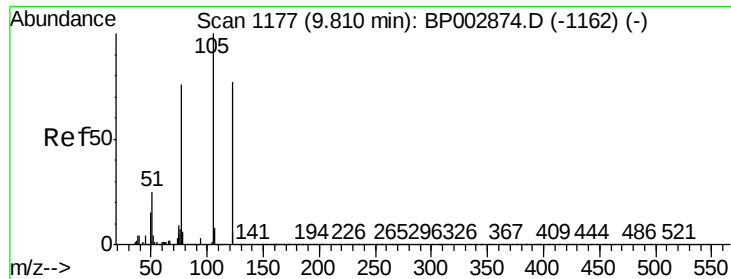
Tot Ion: 82 Resp: 1735846
 Ion Ratio Lower Upper
 82 100
 128 54.2 44.6 66.8
 54 36.2 29.2 43.8



#26
 2-Nitrophenol
 Concen: 4.523 ng
 RT: 9.58 min Scan# 1137
 Delta R.T. -0.02 min
 Lab File: BP002972.D
 Acq: 13 Aug 2020 18:38

Tgt Ion: 139 Resp: 31
 Ion Ratio Lower Upper
 139 100
 109 222.6 19.5 29.3#
 65 274.2 26.6 40.0#





#32

Benzoic acid

Concen: 7.692 ng

RT: 10.03 min Scan# 1215

Delta R.T. 0.22 min

Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-6

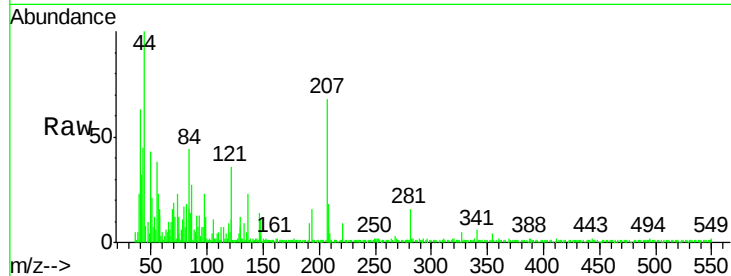
Tot Ion:122 Resp: 96

Ion Ratio Lower Upper

122 100

105 104.5 95.8 135.8

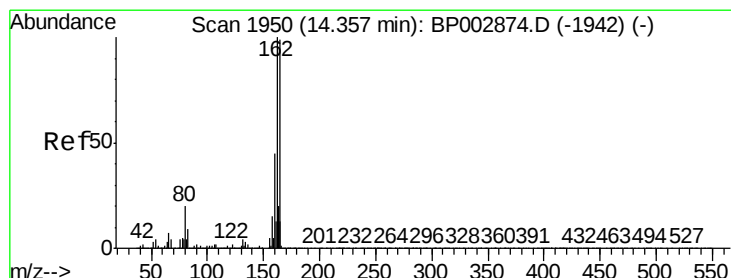
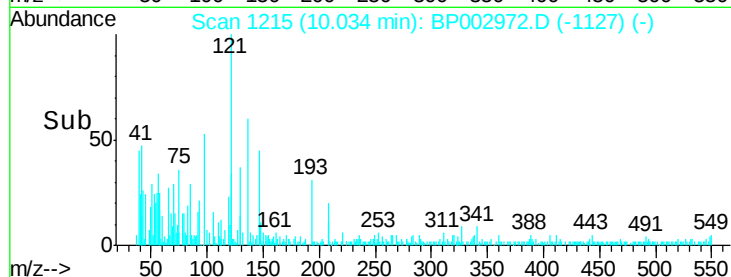
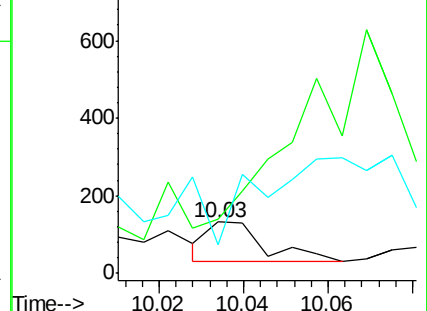
77 56.1 54.7 94.7



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): BPO



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

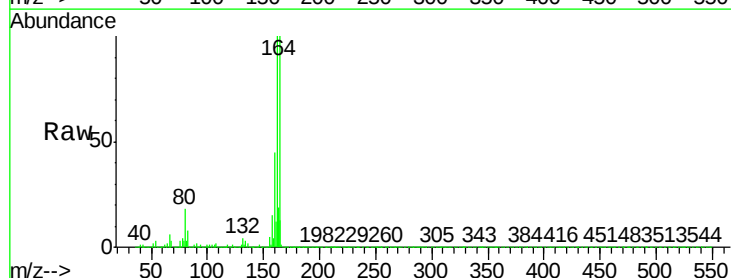
Tgt Ion:164 Resp: 917002

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

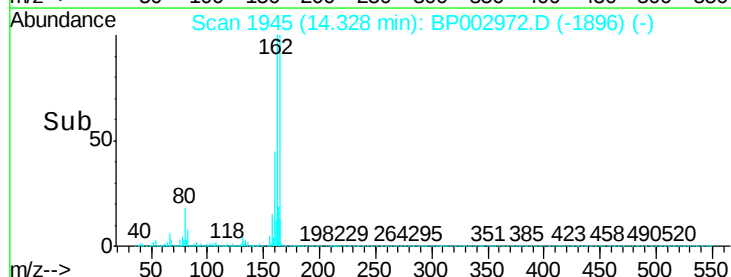
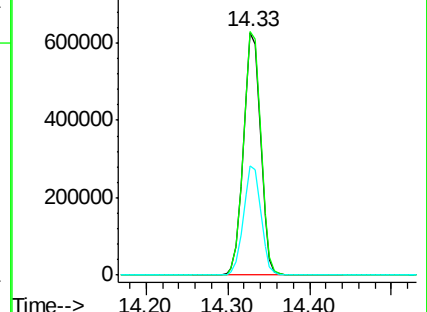
160 45.0 36.2 54.4

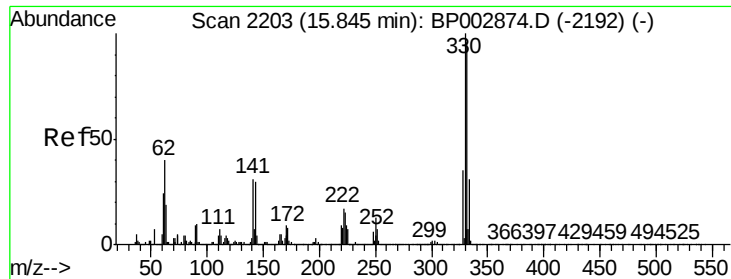


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

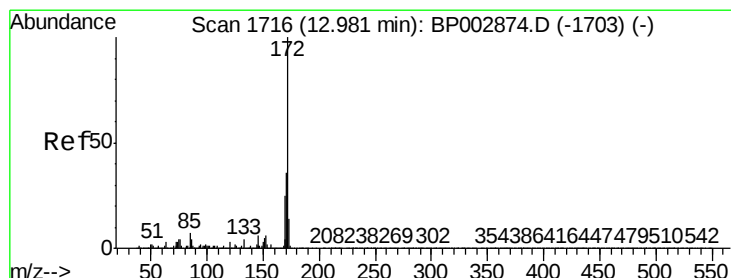
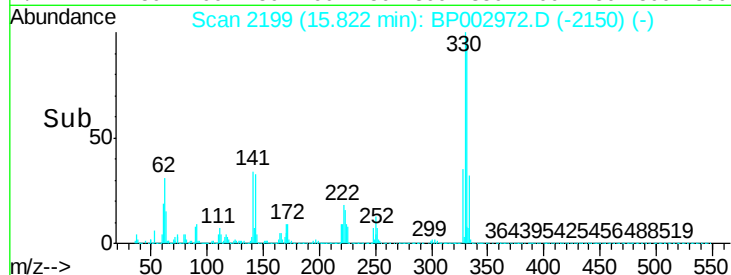
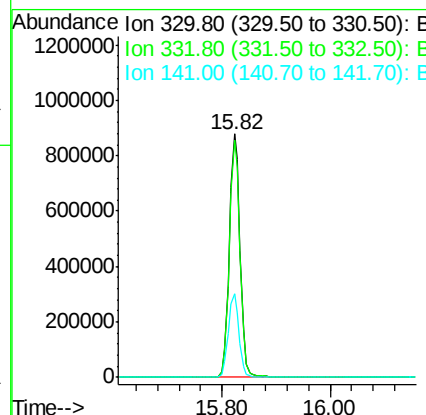
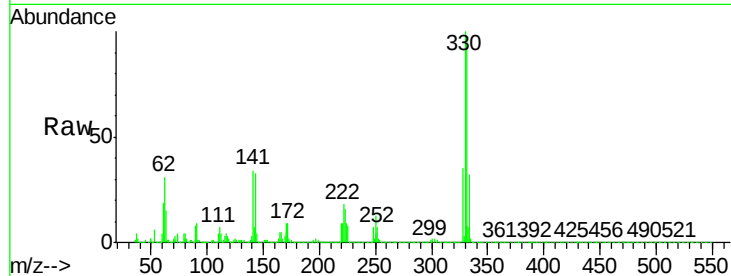




#42
 2,4,6-Tribromophenol
 Concen: 110.432 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002972.D
 Acq: 13 Aug 2020 18:38

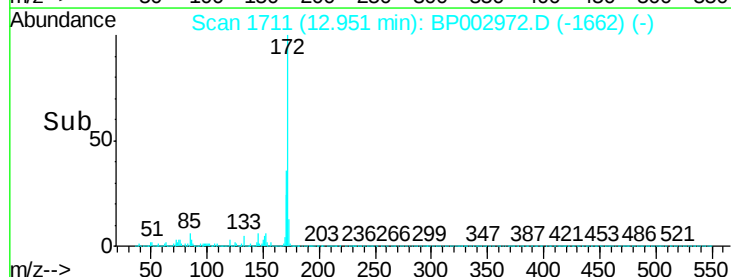
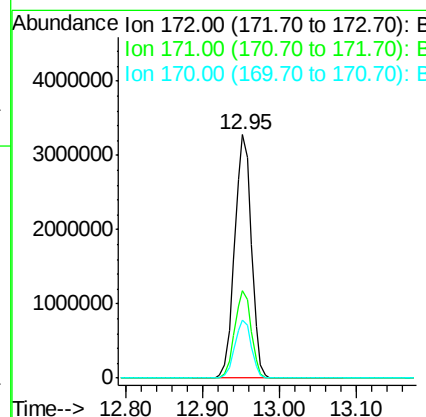
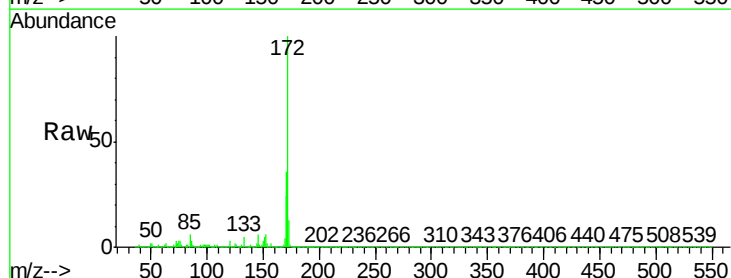
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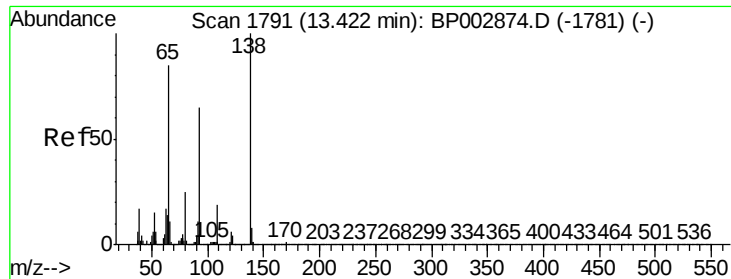
Tot Ion:330 Resp: 1258628
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.4
 141 34.3 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 74.235 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002972.D
 Acq: 13 Aug 2020 18:38

Tgt Ion:172 Resp: 4982343
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 19.6 29.4





#48

2-Nitroaniline

Concen: 3.975 ng

RT: 13.40 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-6

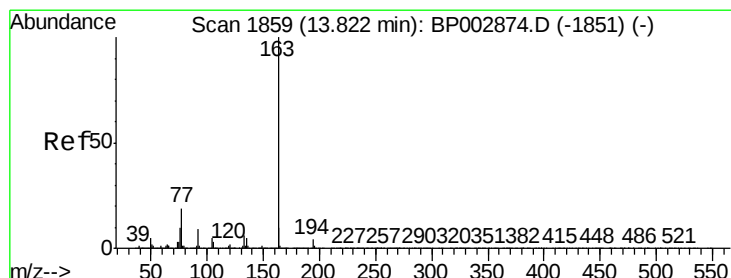
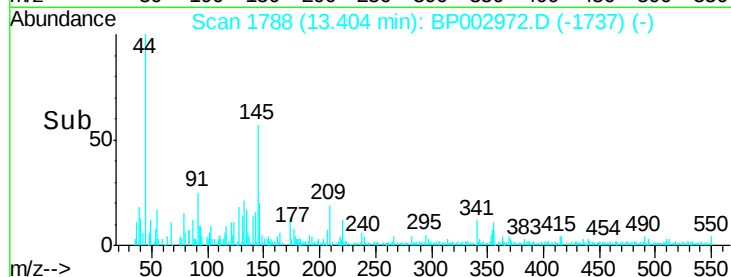
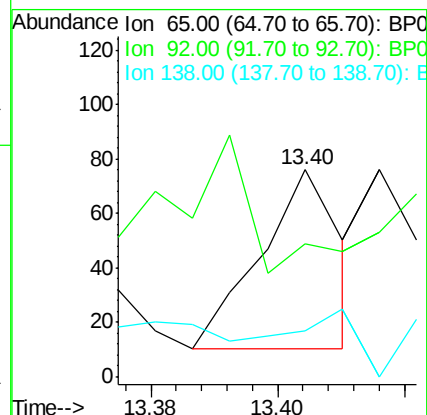
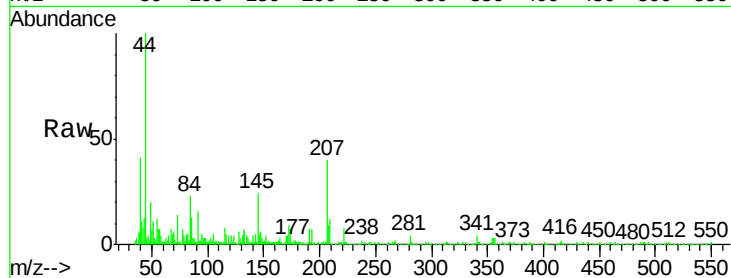
Tot Ion: 65 Resp: 58

Ion Ratio Lower Upper

65 100

92 64.5 69.6 104.4#

138 22.4 125.6 188.4#



#50

Dimethylphthalate

Concen: 2.738 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

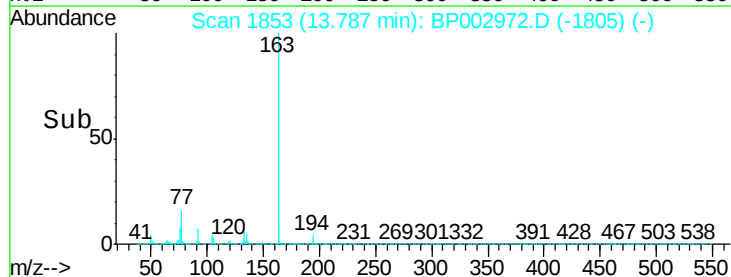
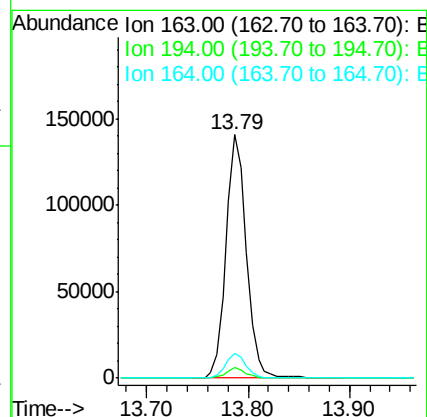
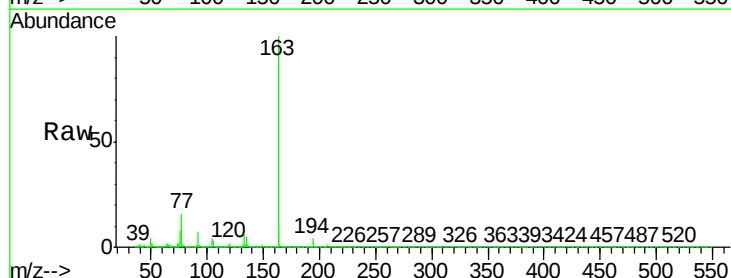
Tgt Ion: 163 Resp: 196339

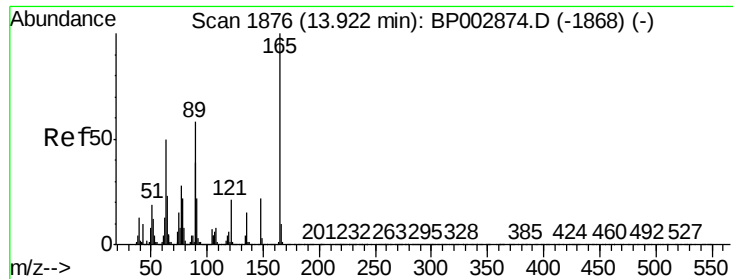
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.2 12.4

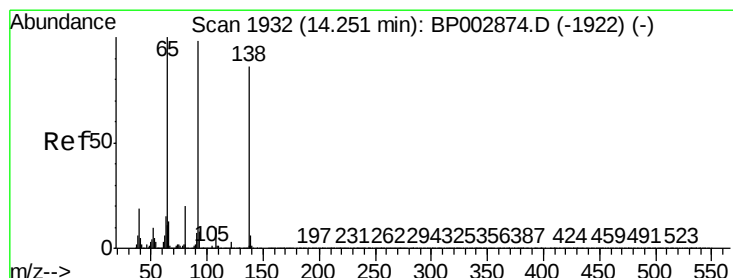
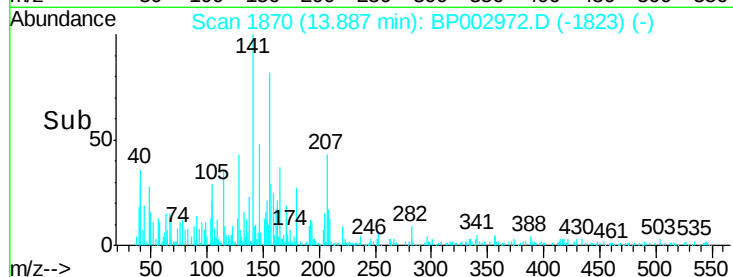
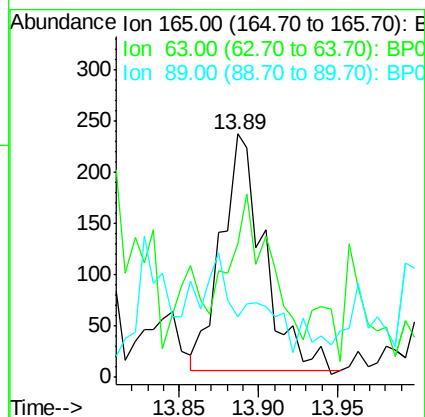
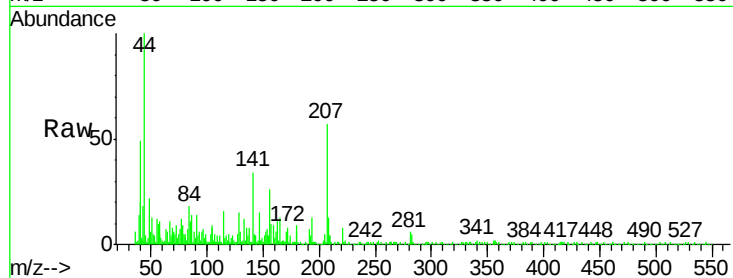




#51
 2,6-Dinitrotoluene
 Concen: 2.924 ng
 RT: 13.89 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BP002972.D
 Acq: 13 Aug 2020 18:38

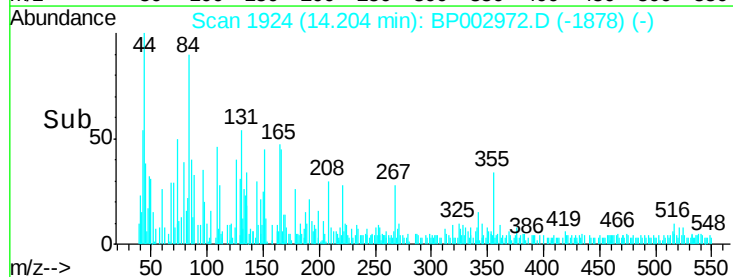
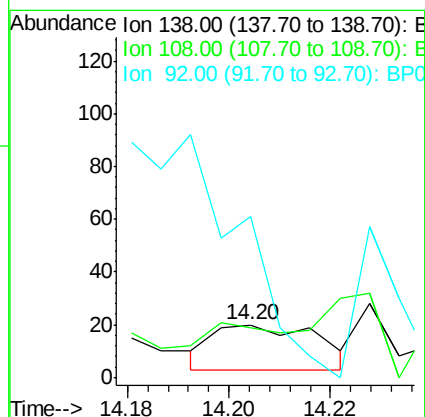
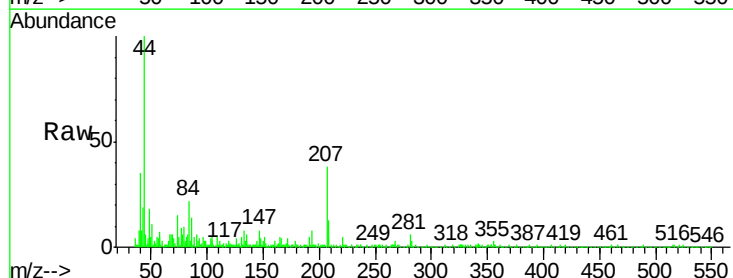
Instrument :
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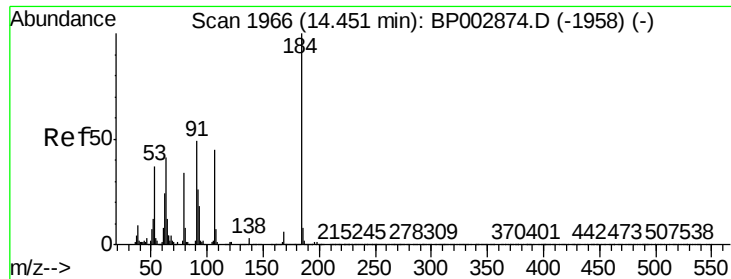
Tot Ion:165 Resp: 427
 Ion Ratio Lower Upper
 165 100
 63 54.9 27.5 41.3#
 89 24.9 35.3 52.9#



#53
 3-Nitroaniline
 Concen: 3.275 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.03 min
 Lab File: BP002972.D
 Acq: 13 Aug 2020 18:38

Tgt Ion:138 Resp: 24
 Ion Ratio Lower Upper
 138 100
 108 95.0 7.2 10.8#
 92 305.0 75.8 113.6#

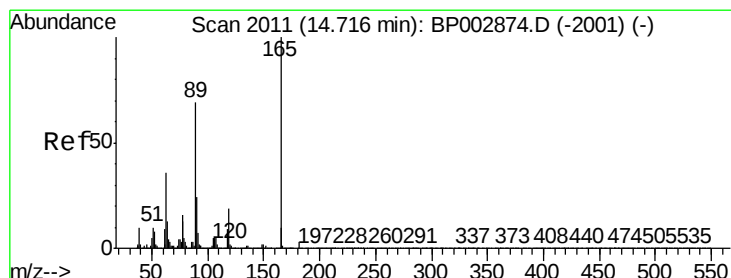
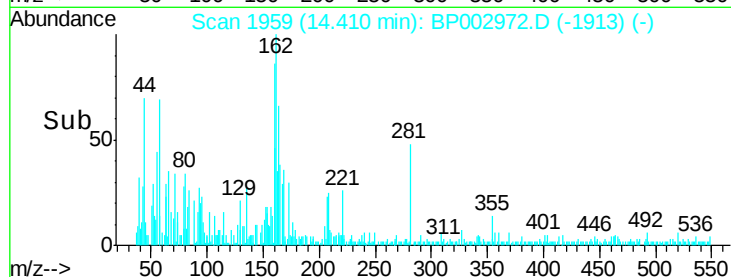
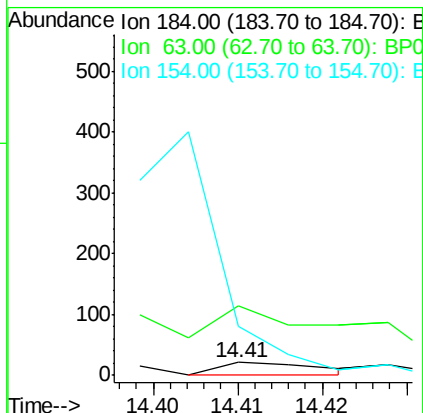
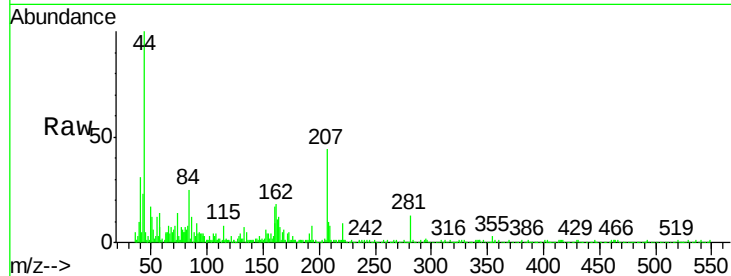




#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.41 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

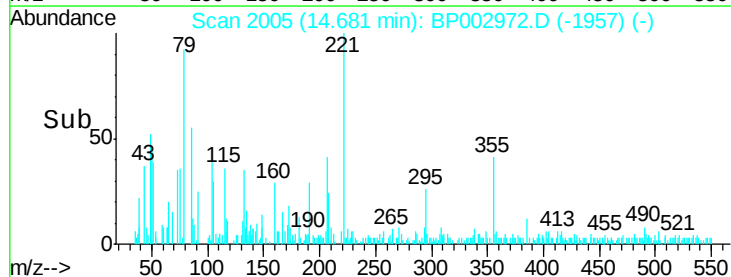
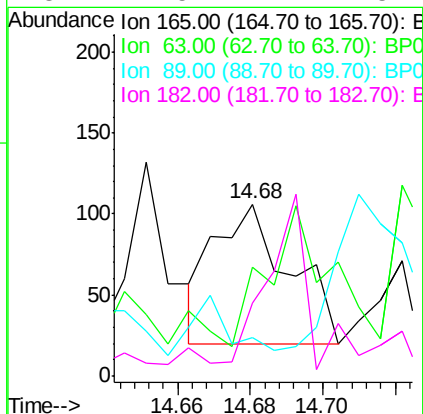
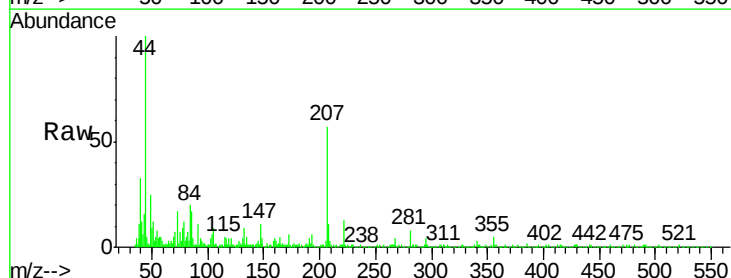
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-6

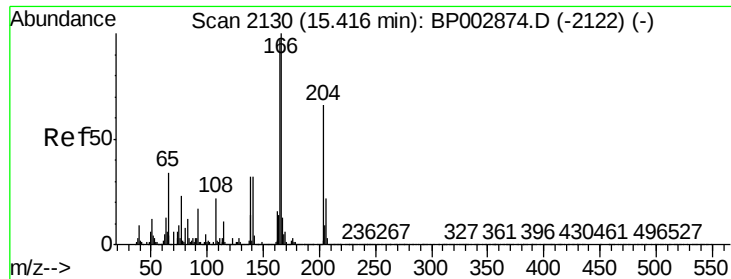
Tot Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 479.2 36.4 54.6#
154 337.5 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.811 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

Tgt Ion:165 Resp: 125
Ion Ratio Lower Upper
165 100
63 82.1 22.6 34.0#
89 44.3 46.2 69.2#
182 42.5 2.2 3.4#

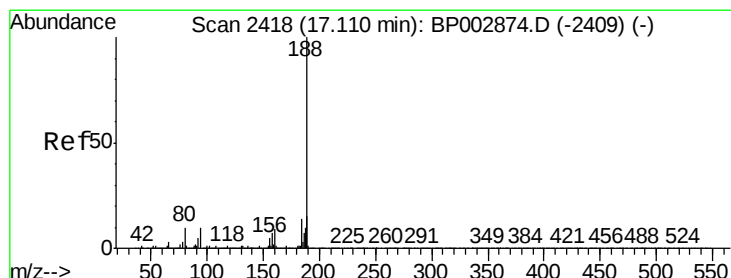
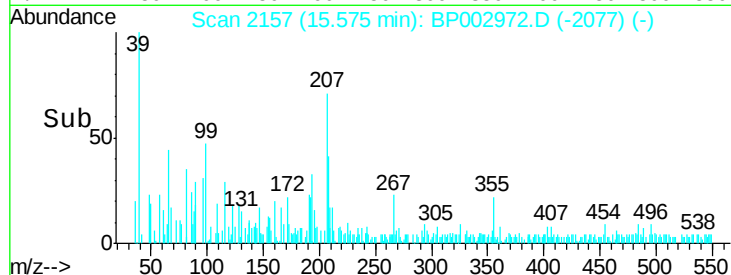
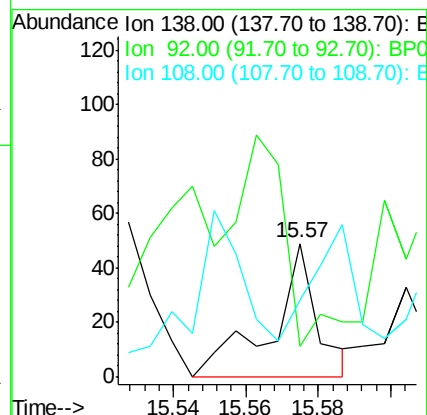
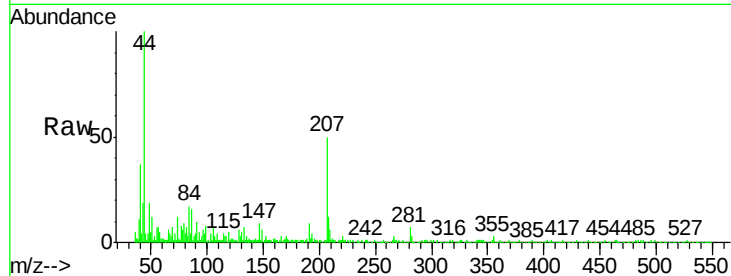




#62
4-Nitroaniline
Concen: 2.418 ng
RT: 15.57 min Scan# 2157
Delta R.T. 0.17 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

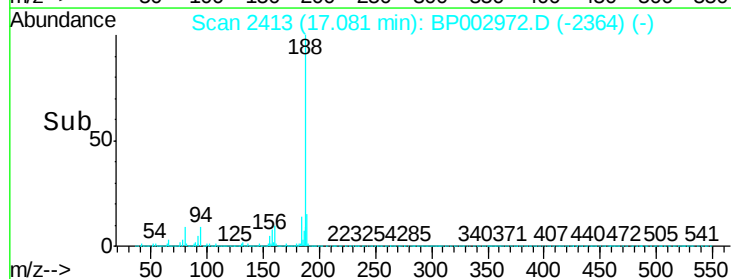
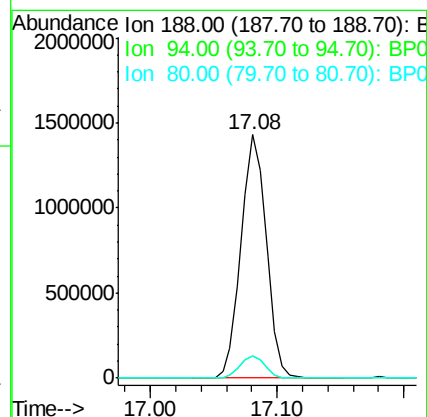
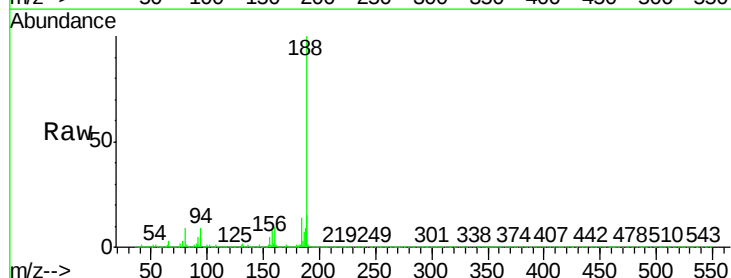
Instrument :
BNA_P
ClientSampled :
BS-STOCK-6

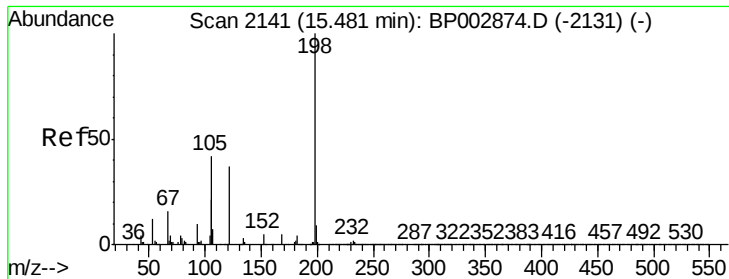
Tot Ion:138 Resp: 43
Ion Ratio Lower Upper
138 100
92 22.4 21.2 61.2
108 57.1 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

Tgt Ion:188 Resp: 1975720
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.3 7.0 10.6

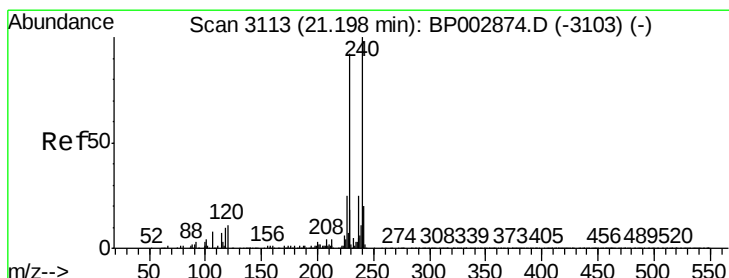
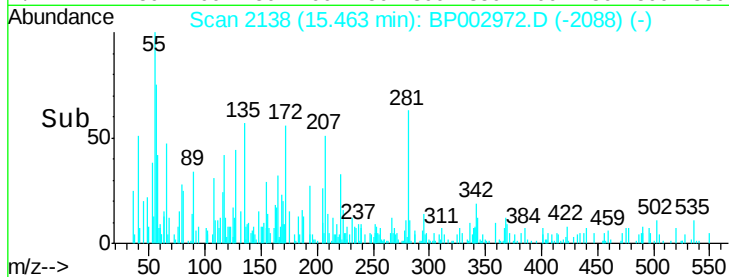
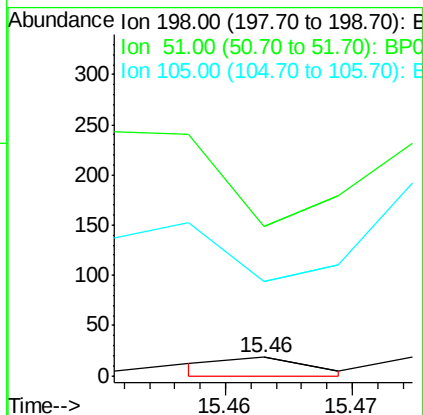
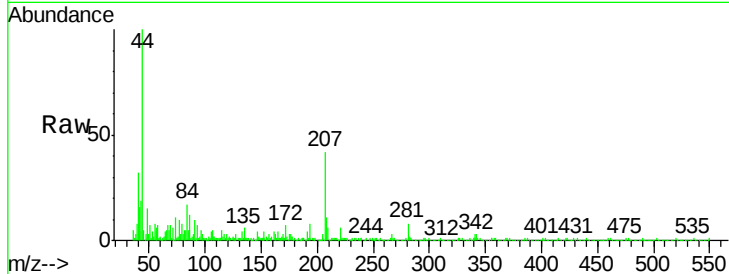




#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

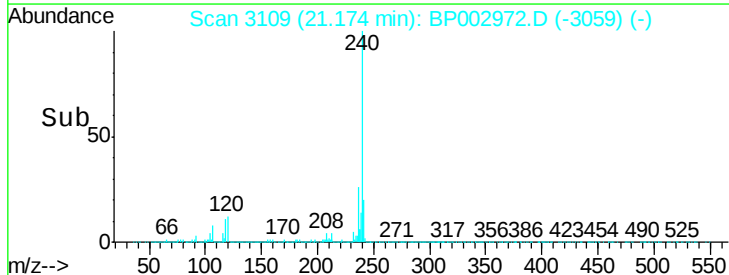
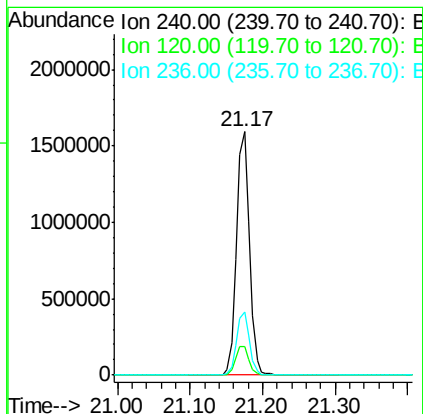
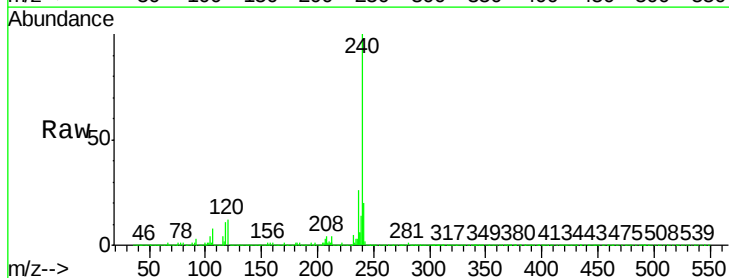
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-6

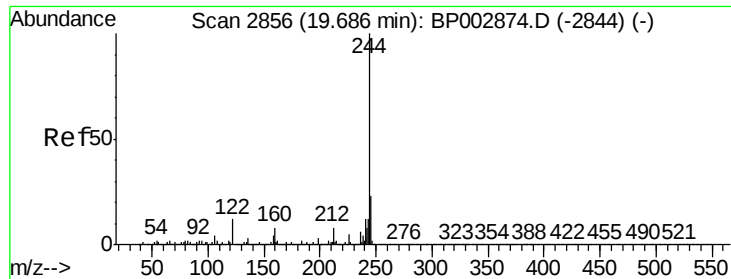
Tot Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 827.8 6.5 46.5#
105 522.2 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

Tgt Ion:240 Resp: 1981029
Ion Ratio Lower Upper
240 100
120 12.0 10.6 16.0
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 69.181 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-6

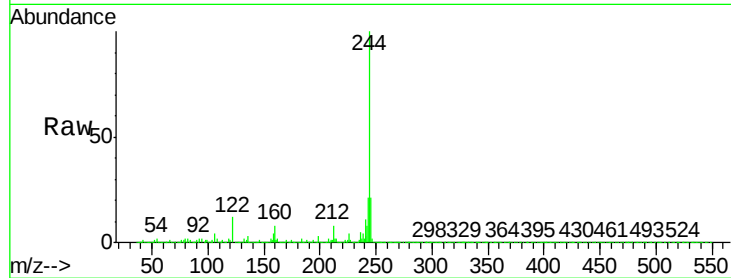
Tot Ion:244 Resp: 6845781

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

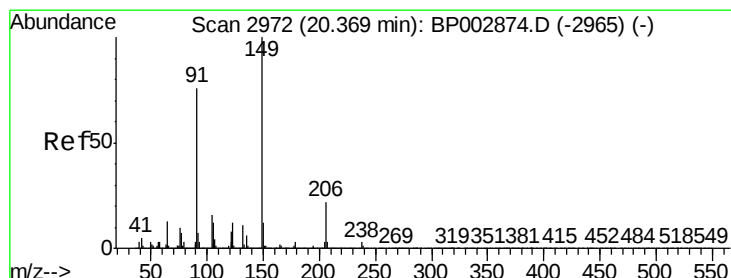
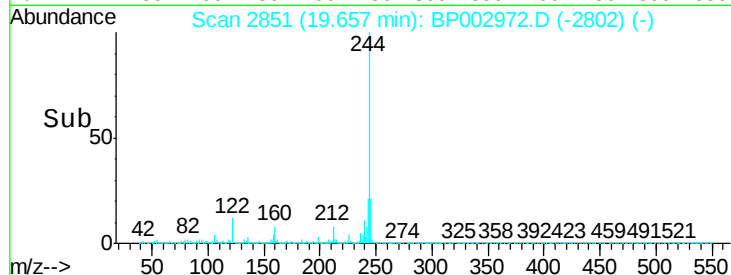
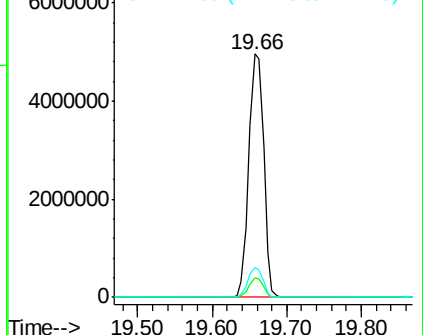
122 12.2 9.9 14.9



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: 20.34 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BP002972.D

Acq: 13 Aug 2020 18:38

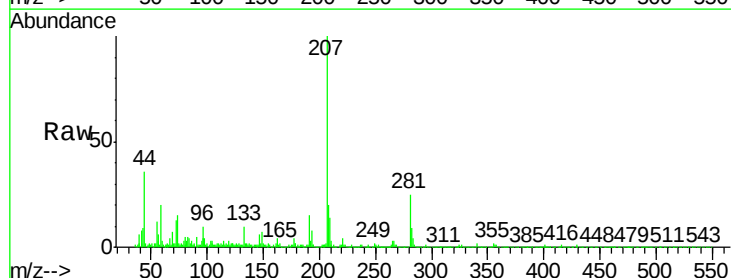
Tgt Ion:149 Resp: 1360

Ion Ratio Lower Upper

149 100

91 73.8 46.5 69.7#

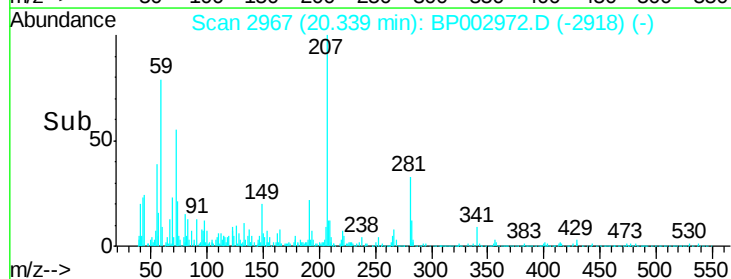
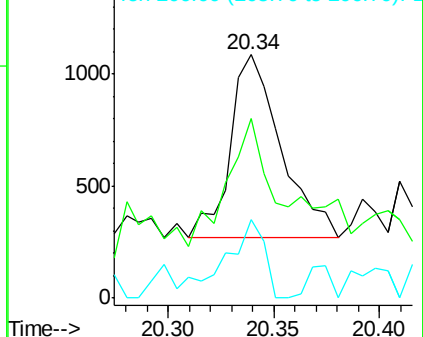
206 32.4 17.2 25.8#

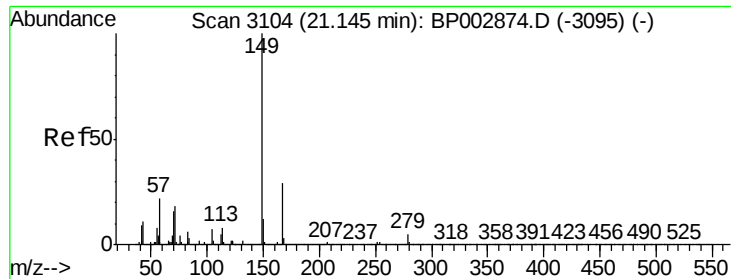


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

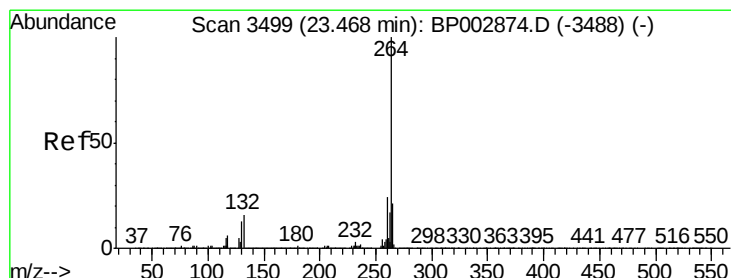
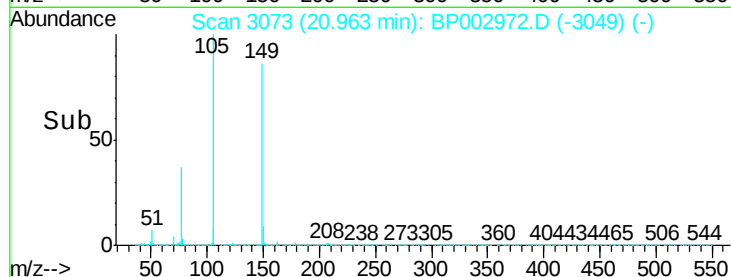
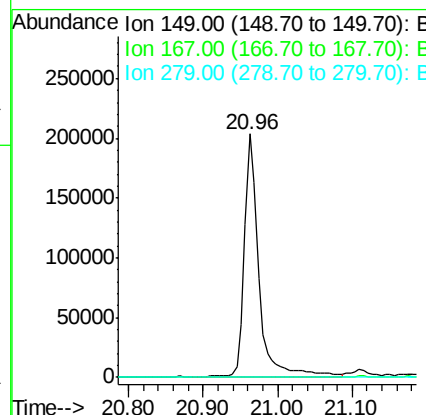
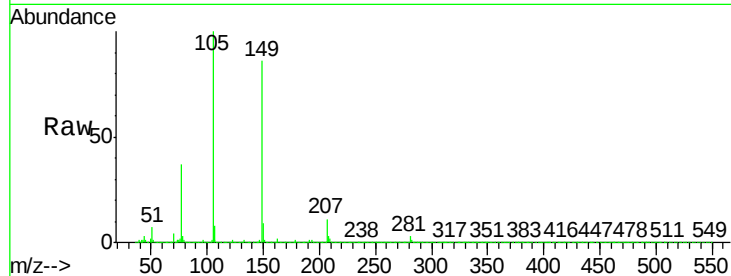




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.568 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.16 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-6

Tot Ion:149 Resp: 273453
Ion Ratio Lower Upper
149 100
167 0.1 23.0 34.6#
279 0.0 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002972.D
Acq: 13 Aug 2020 18:38

Tgt Ion:264 Resp: 2049963
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.8 17.6 26.4

