

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002957.D
 Acq On : 12 Aug 2020 19:37
 Operator : CG/JU
 Sample : L3648-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-1

Quant Time: Aug 13 00:43:43 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	7.70	152	161830	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	693218	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	431739	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	974057	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1363548	20.00	ng	0.00
86) Perylene-d12	23.43	264	1778892	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	745149	70.47	ng	0.00
7) Phenol-d6	6.87	99	641636	43.71	ng	-0.01
23) Nitrobenzene-d5	8.84	82	951824	74.37	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	751212	139.99	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2849788	90.19	ng	0.00
79) Terphenyl-d14	19.66	244	5045569	74.08	ng	0.00

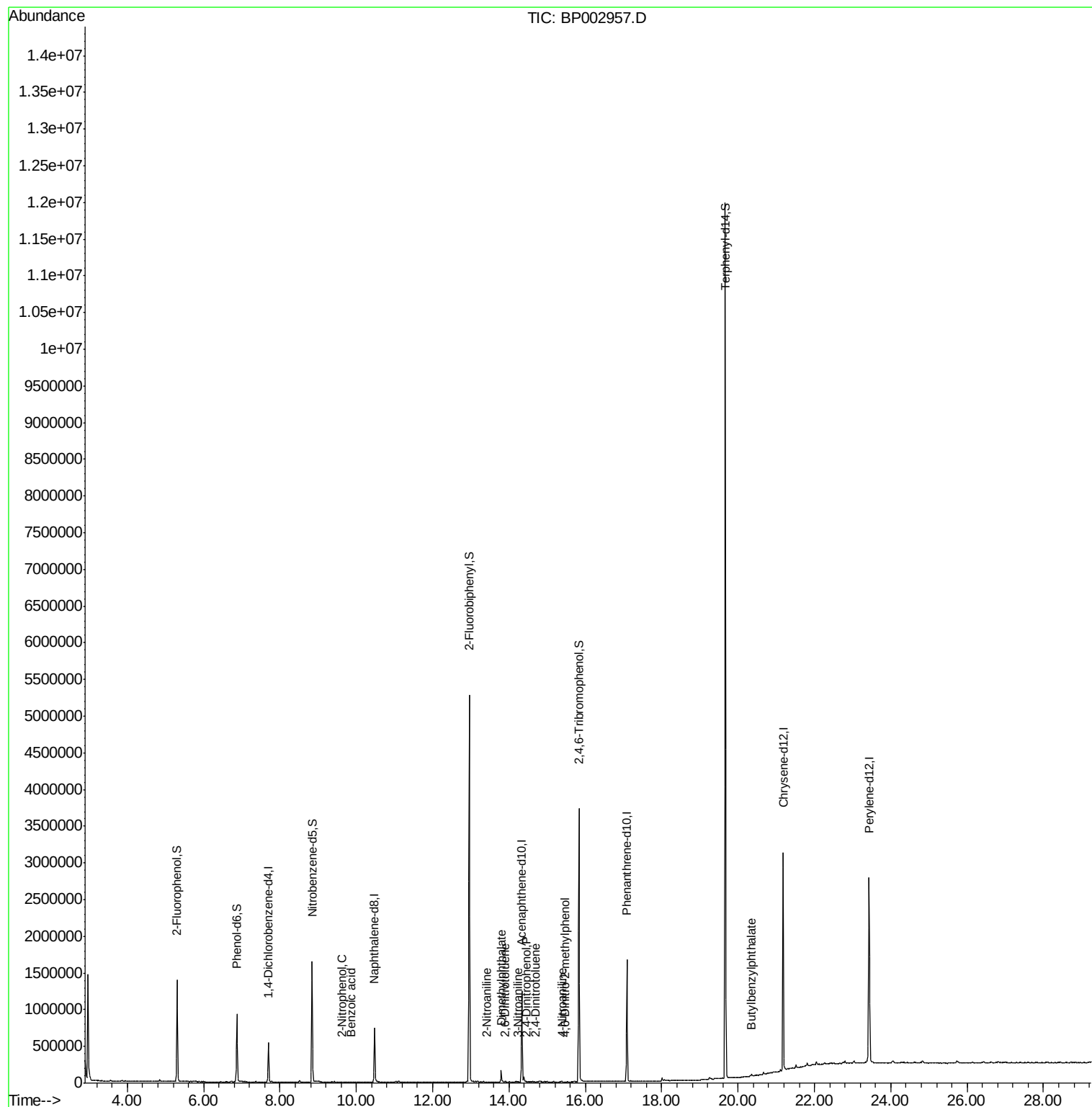
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.62	139	134	4.541	ng	# 25
32) Benzoic acid	9.86	122	78	7.696	ng	# 83
48) 2-Nitroaniline	13.42	65	140	3.990	ng	# 20
50) Dimethylphthalate	13.79	163	113585	3.364	ng	# 99
51) 2,6-Dinitrotoluene	13.90	165	661	2.981	ng	# 56
53) 3-Nitroaniline	14.23	138	45	3.279	ng	# 1
54) 2,4-Dinitrophenol	14.45	184	28	8.065	ng	# 45
57) 2,4-Dinitrotoluene	14.70	165	130	3.818	ng	# 78
62) 4-Nitroaniline	15.41	138	33	2.420	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.47	198	22	6.904	ng	# 1
80) Butylbenzylphthalate	20.34	149	974	3.081	ng	# 36

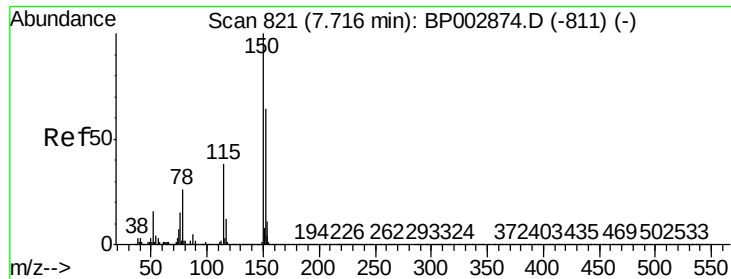
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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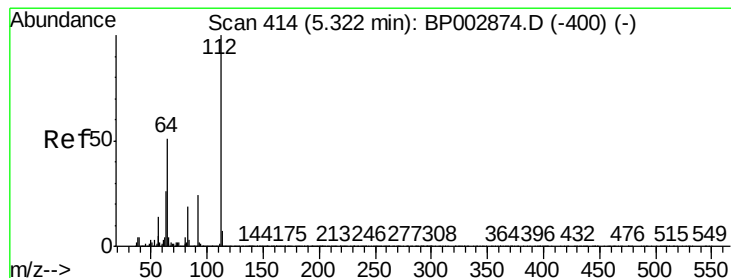
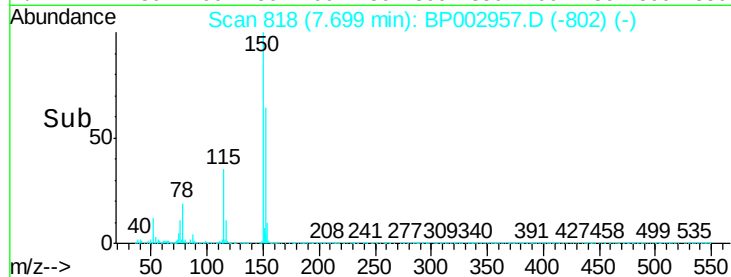
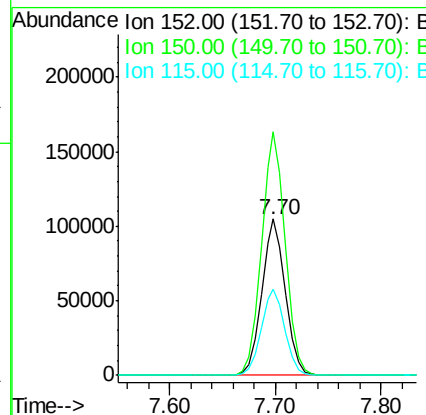
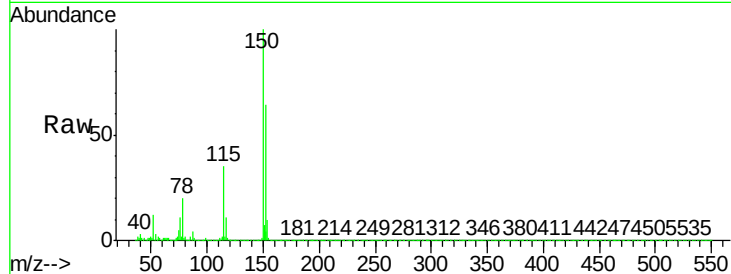


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

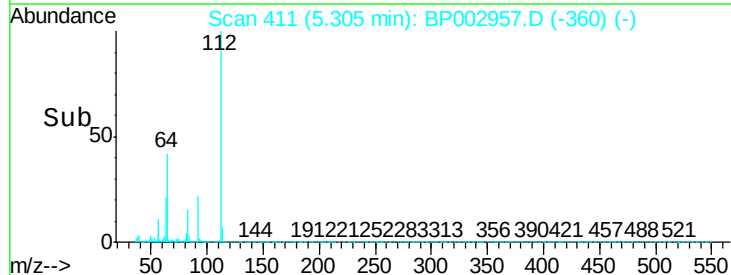
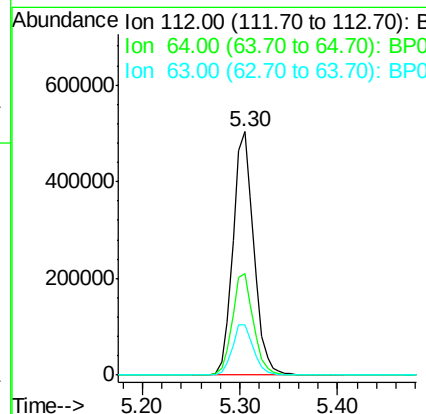
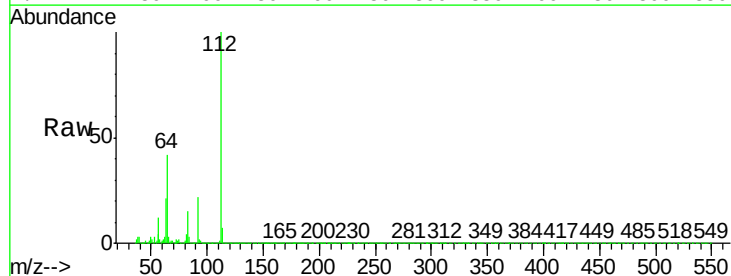
Tot Ion	152	Resp	161830
Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.4
115	55.2	42.1	63.1

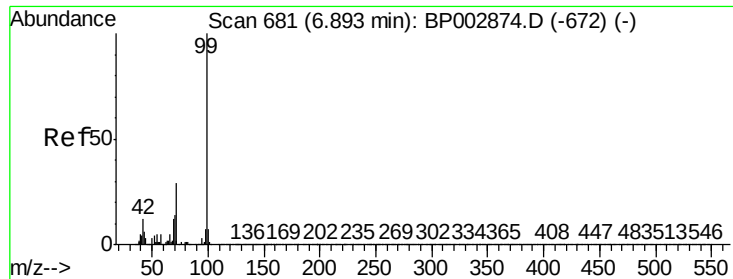


#5

2-Fluorophenol
Concen: 70.472 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Tgt Ion	112	Resp	745149
Ion	Ratio	Lower	Upper
112	100		
64	41.9	33.8	50.8
63	20.5	17.2	25.8





#7

Phenol-d6

Concen: 43.708 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002957.D

Acq: 12 Aug 2020 19:37

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-1

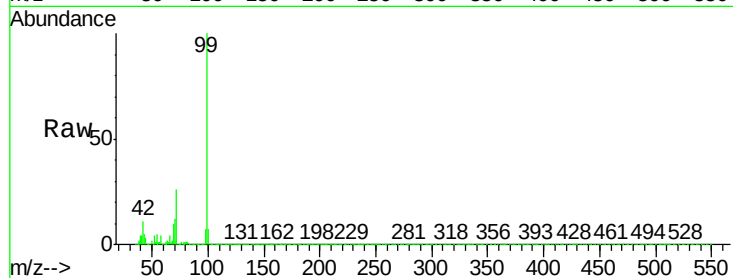
Tot Ion: 99 Resp: 641636

Ion Ratio Lower Upper

99 100

42 10.7 8.1 12.1

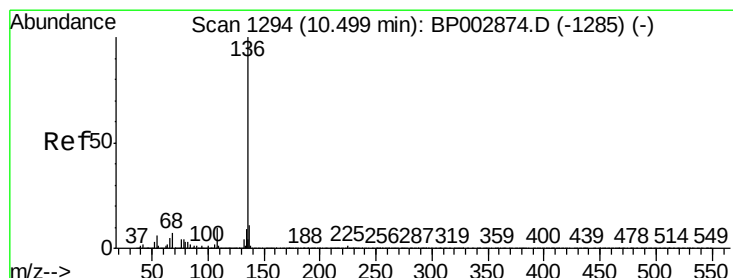
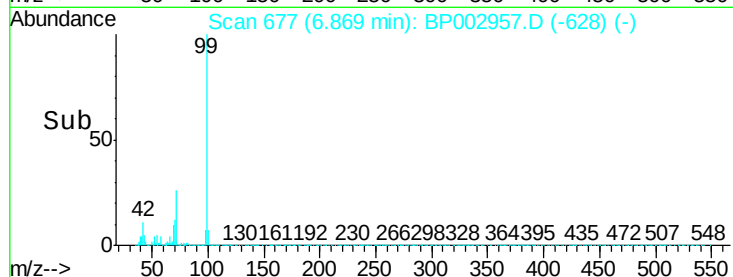
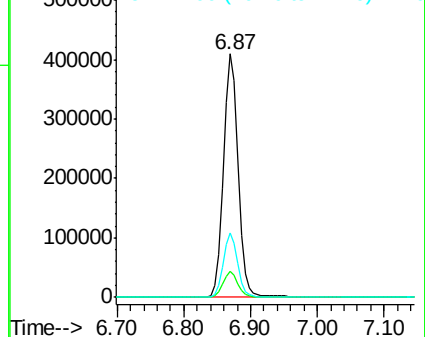
71 26.3 21.0 31.4



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: 10.47 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BP002957.D

Acq: 12 Aug 2020 19:37

Tgt Ion: 136 Resp: 693218

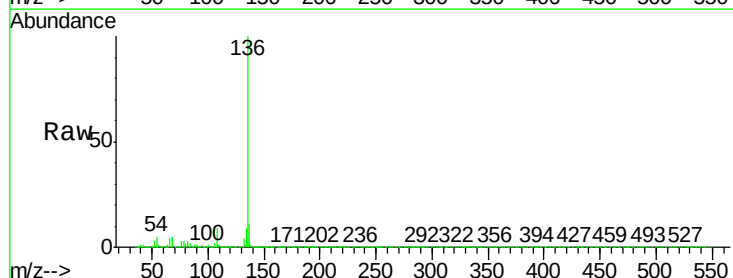
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.0 3.9 5.9

68 4.9 3.8 5.8

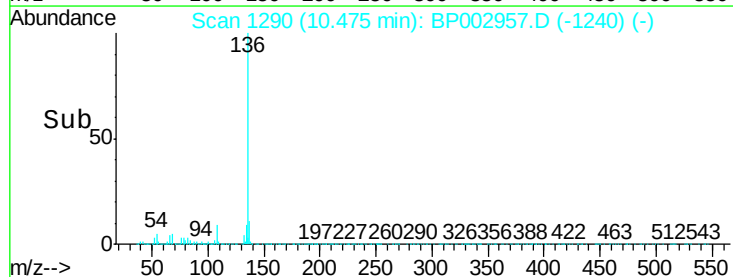
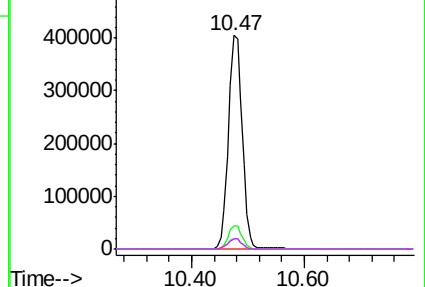


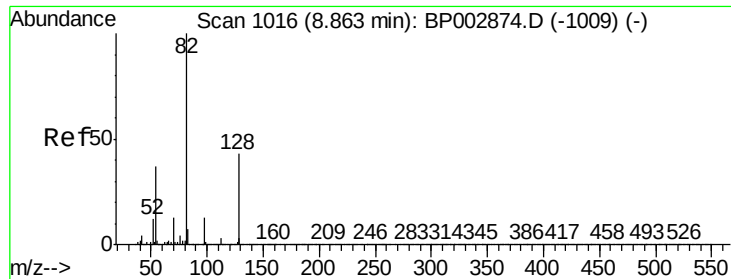
Abundance Ion 136.00 (135.70 to 136.70): E

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

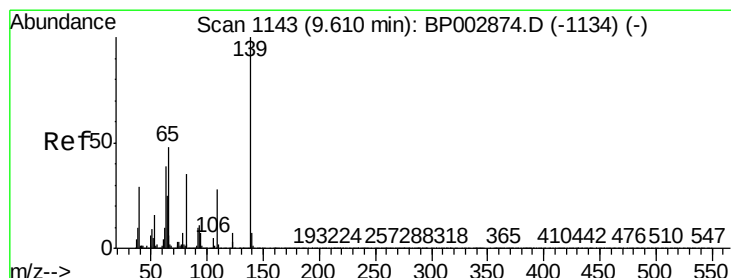
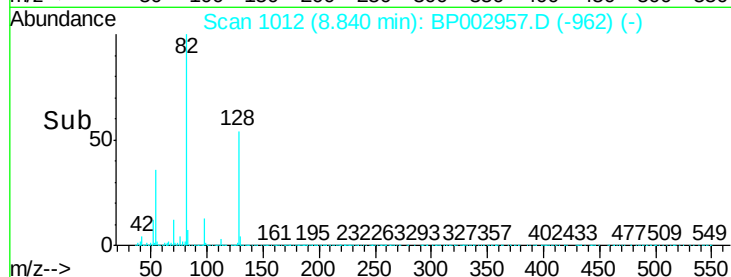
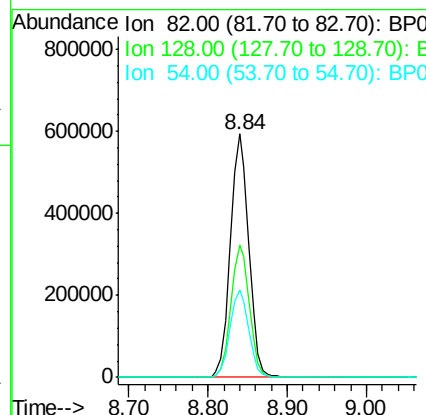
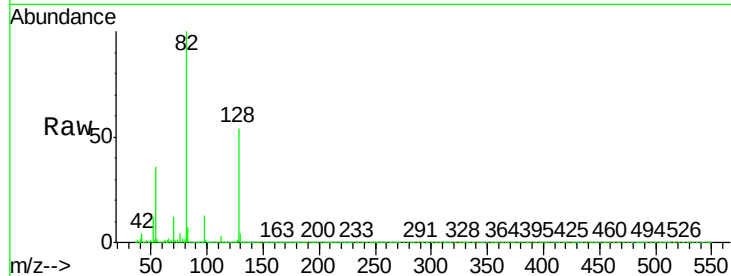




#23
Nitrobenzene-d5
Concen: 74.368 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

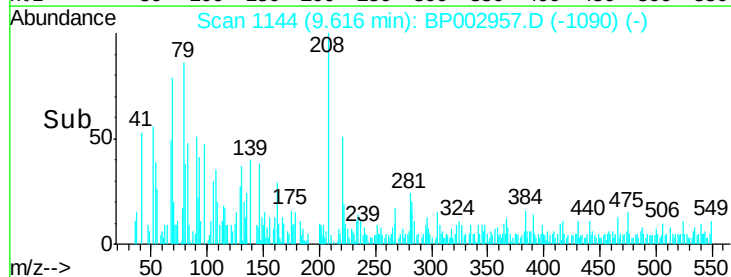
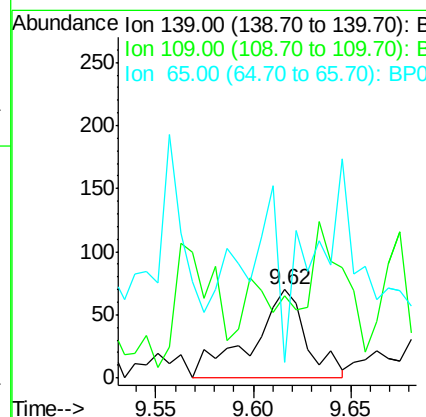
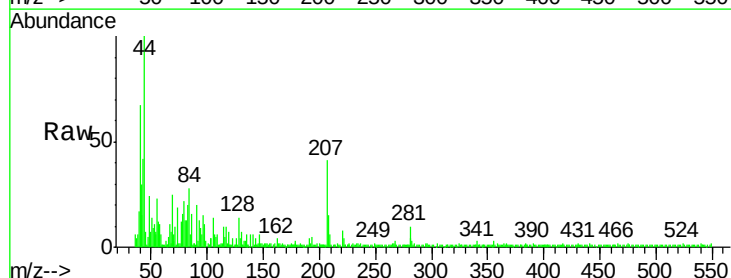
Instrument :
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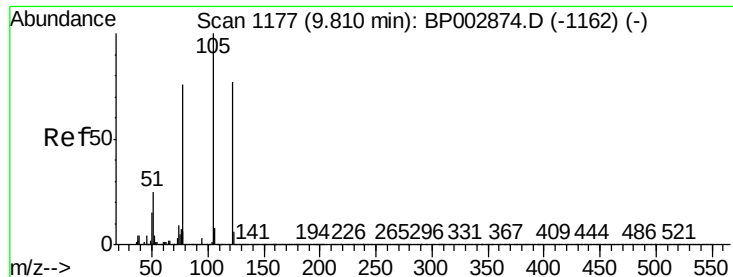
Tot Ion	82	Resp	951824
Ion Ratio	Lower	Upper	
82	100		
128	54.4	44.6	66.8
54	36.2	29.2	43.8



#26
2-Nitrophenol
Concen: 4.541 ng
RT: 9.62 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Tgt Ion	139	Resp	134
Ion Ratio	Lower	Upper	
139	100		
109	92.9	19.5	29.3#
65	17.1	26.6	40.0#

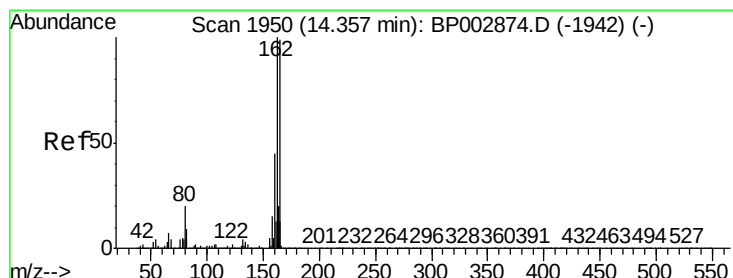
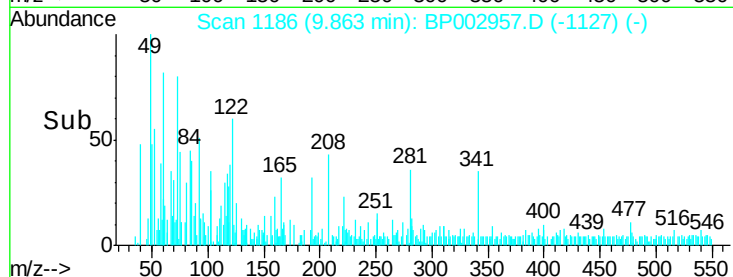
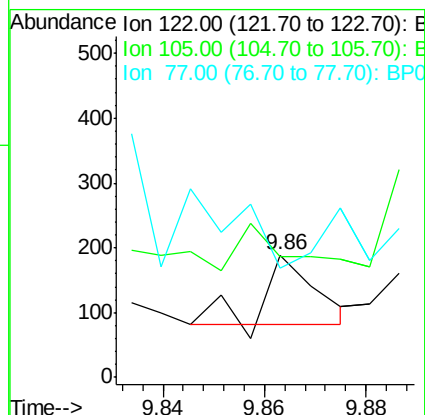
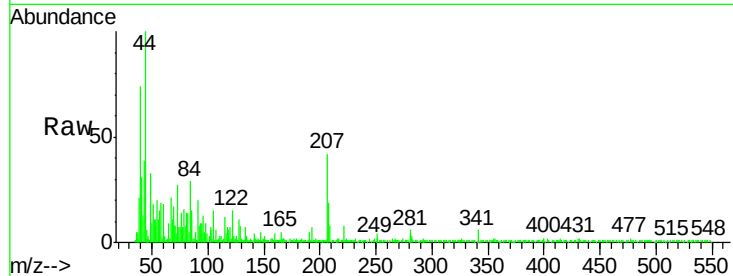




#32
Benzoic acid
Concen: 7.696 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.05 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

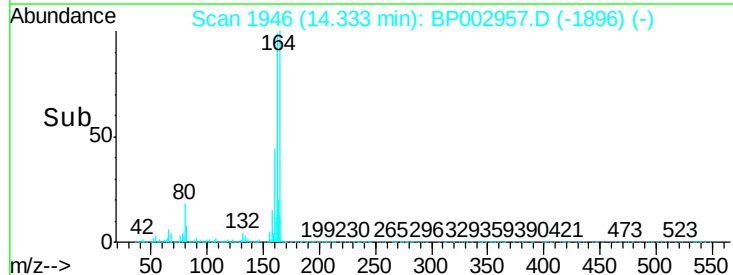
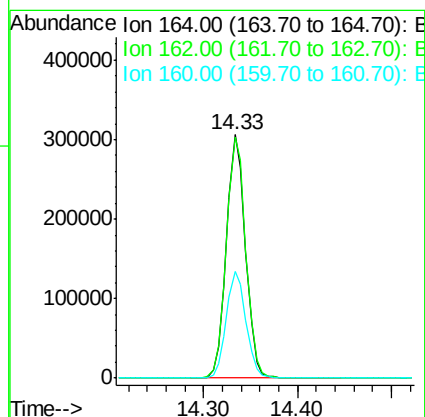
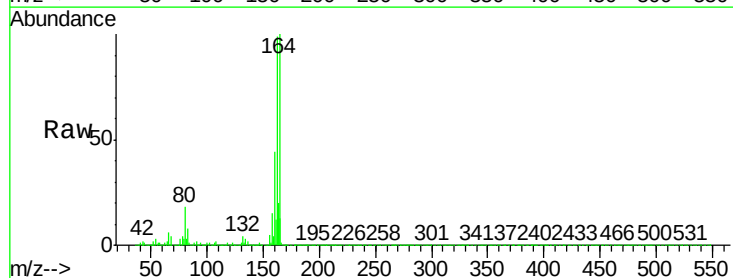
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

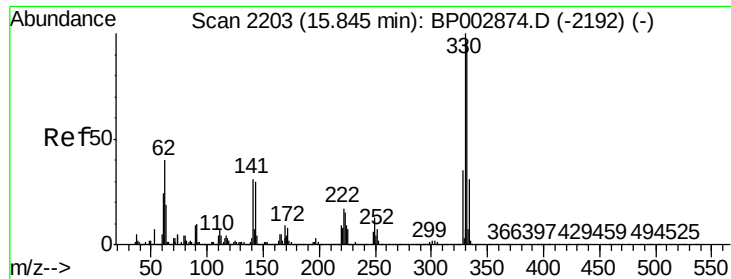
Tot Ion	Ratio	Lower	Upper
122	100		
105	98.4	95.8	135.8
77	89.4	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.0	121.4
160	43.6	36.2	54.4

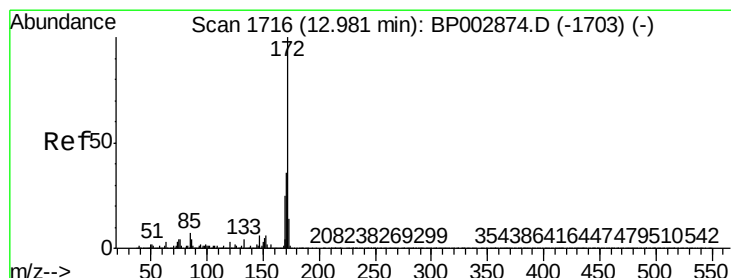
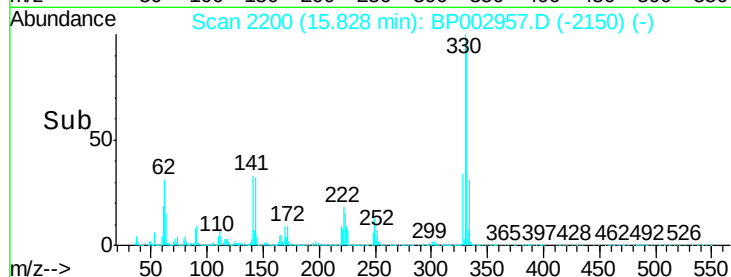
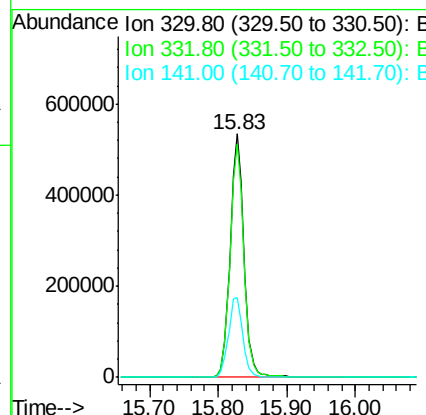
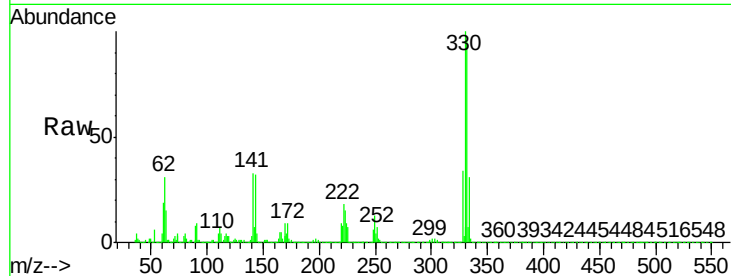




#42
2,4,6-Tribromophenol
Concen: 139.994 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

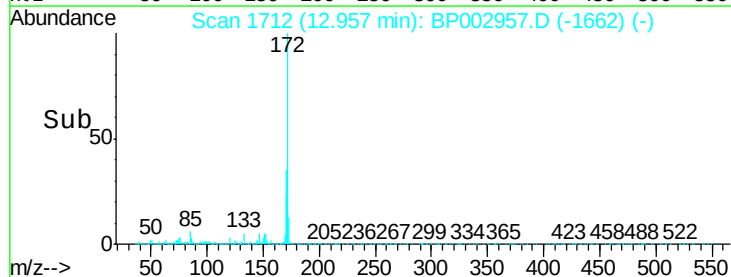
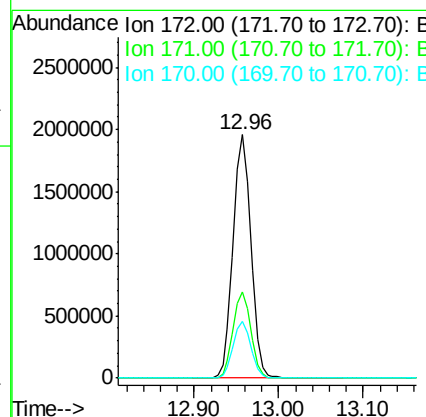
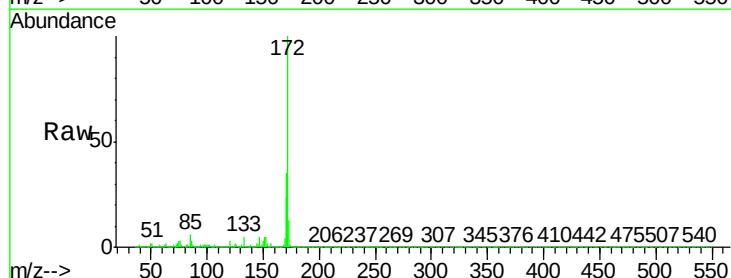
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ClientSampleId :
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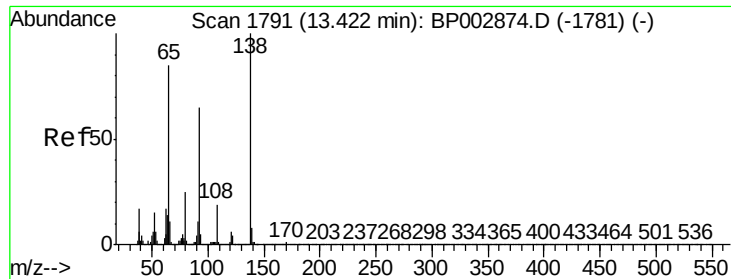
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	34.5	28.6	43.0



#45
2-Fluorobiphenyl
Concen: 90.185 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.4	19.6	29.4

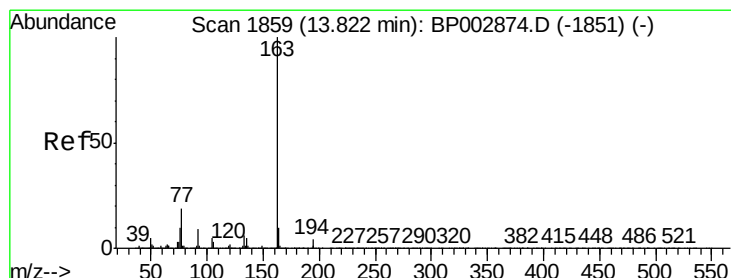
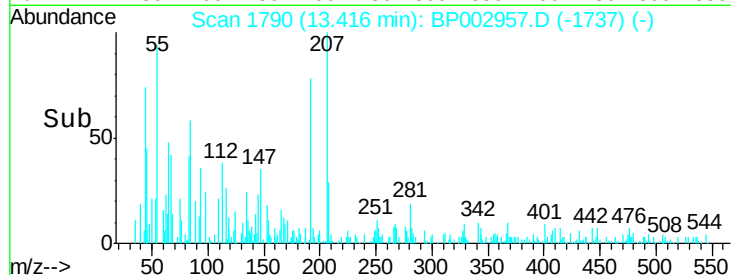
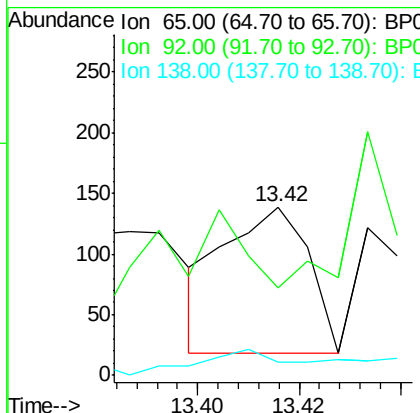
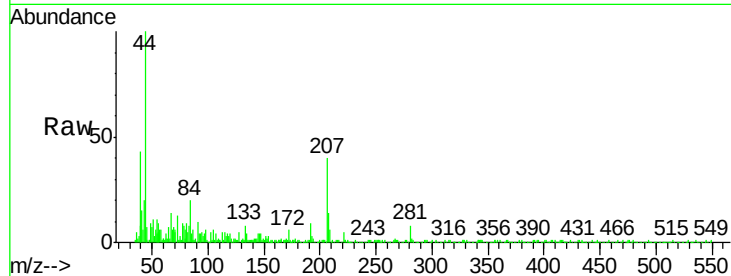




#48
2-Nitroaniline
Concen: 3.990 ng
RT: 13.42 min Scan# 1790
Delta R.T. 0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

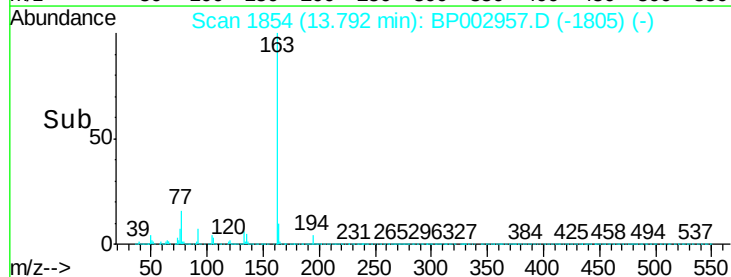
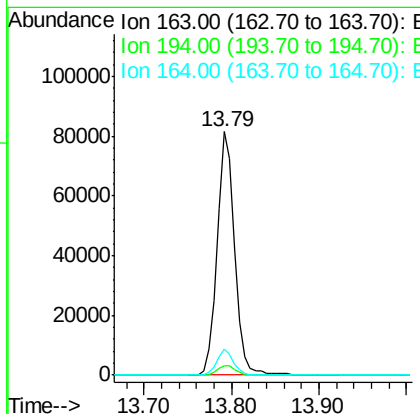
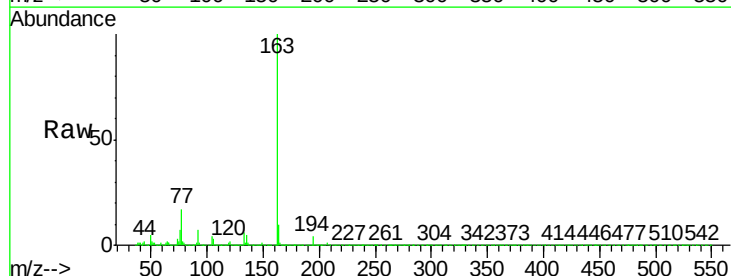
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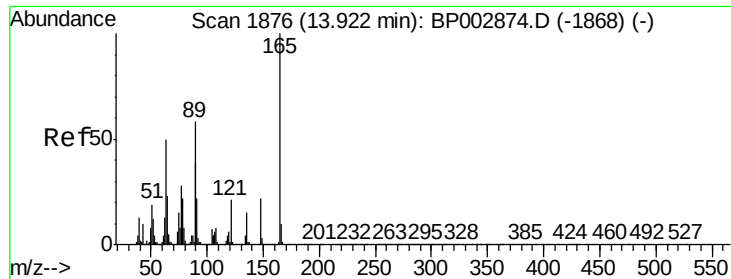
Tot Ion: 65 Resp: 140
Ion Ratio Lower Upper
65 100
92 51.8 69.6 104.4#
138 21.6 125.6 188.4#



#50
Dimethylphthalate
Concen: 3.364 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Tgt Ion: 163 Resp: 113585
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.5 8.2 12.4

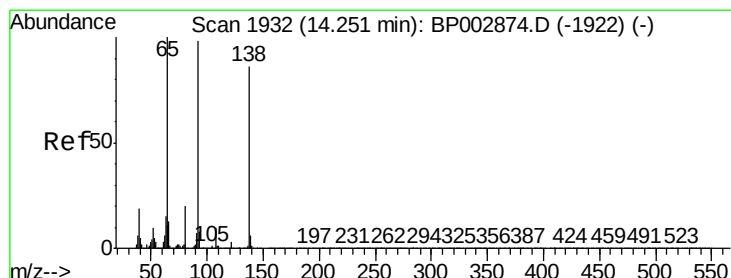
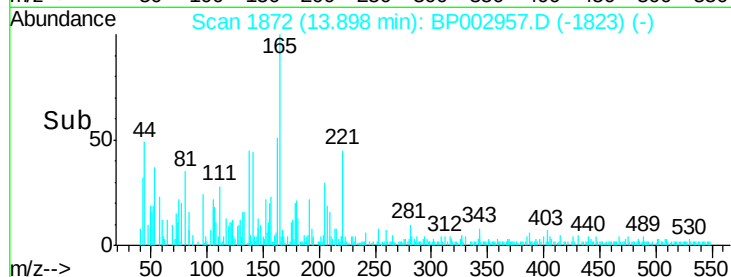
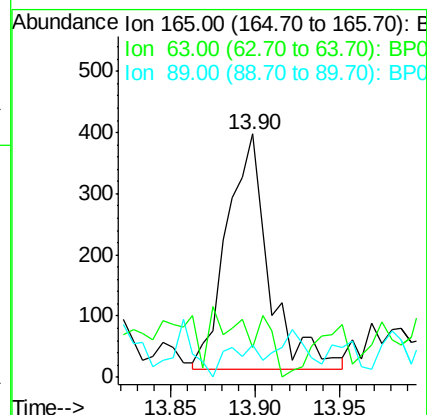
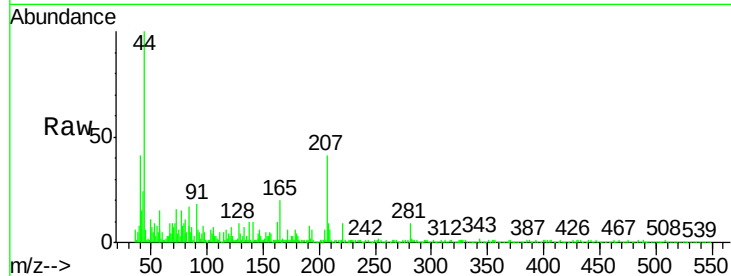




#51
2,6-Dinitrotoluene
Concen: 2.981 ng
RT: 13.90 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

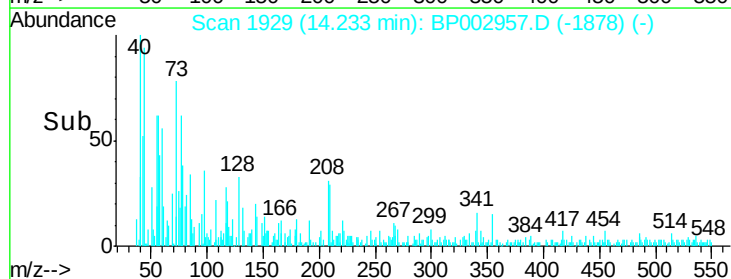
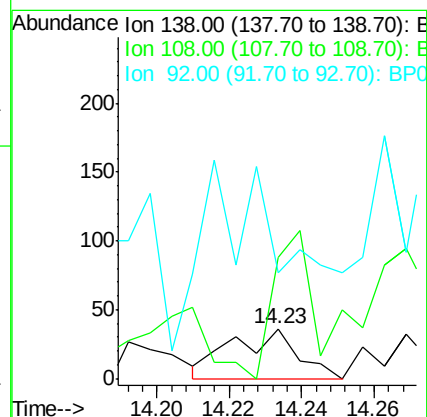
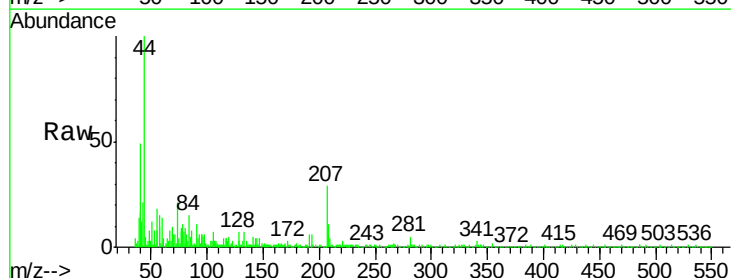
Instrument :
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BS-STOCK-1

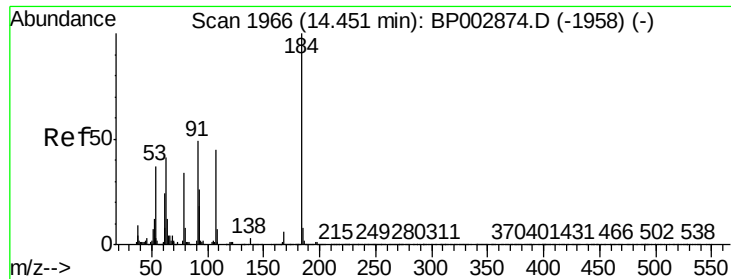
Tot Ion:165 Resp: 661
Ion Ratio Lower Upper
165 100
63 12.1 27.5 41.3#
89 13.1 35.3 52.9#



#53
3-Nitroaniline
Concen: 3.279 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Tgt Ion:138 Resp: 45
Ion Ratio Lower Upper
138 100
108 244.4 7.2 10.8#
92 213.9 75.8 113.6#

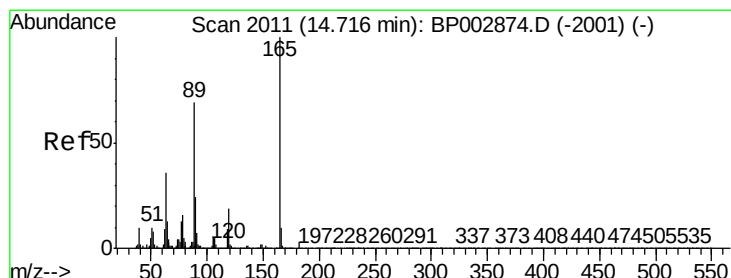
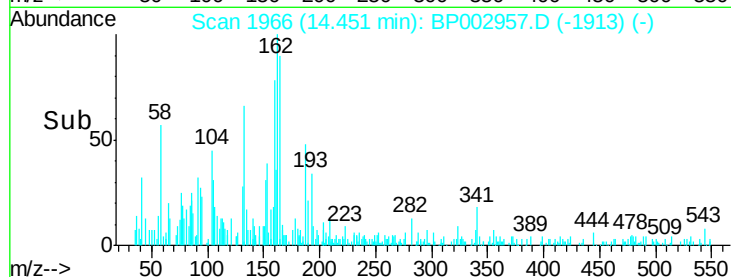
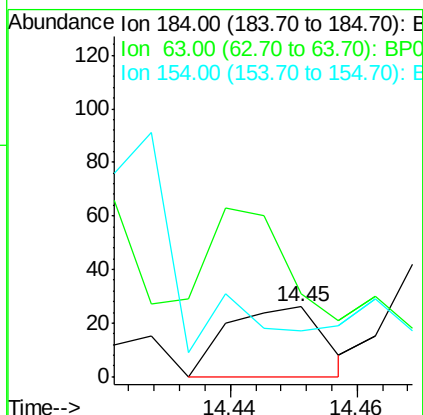
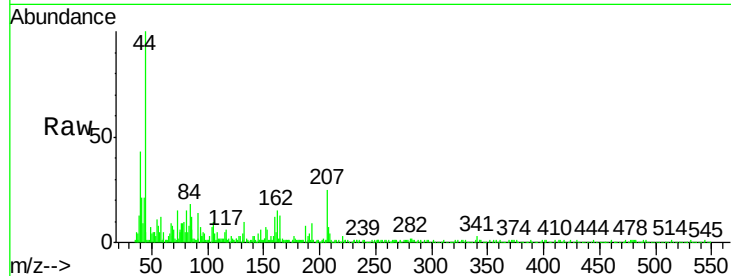




#54
2,4-Dinitrophenol
Concen: 8.065 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

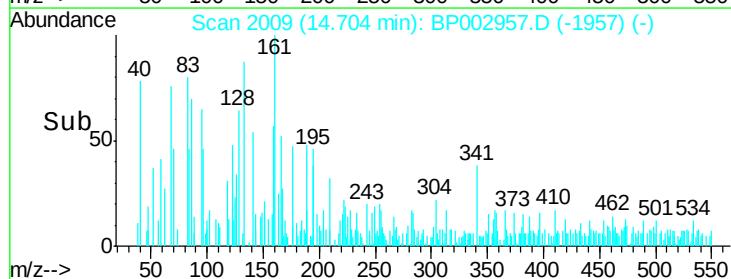
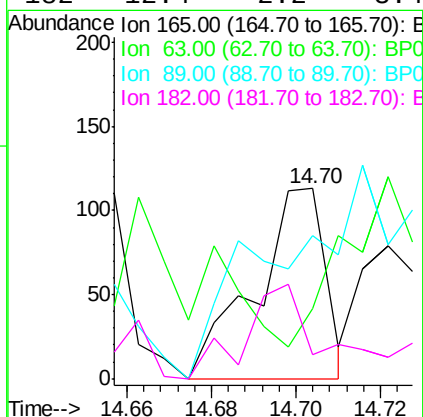
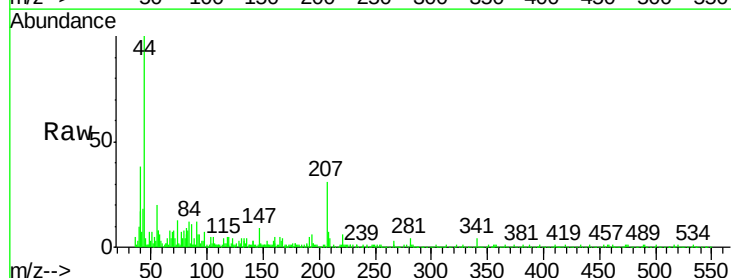
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-1

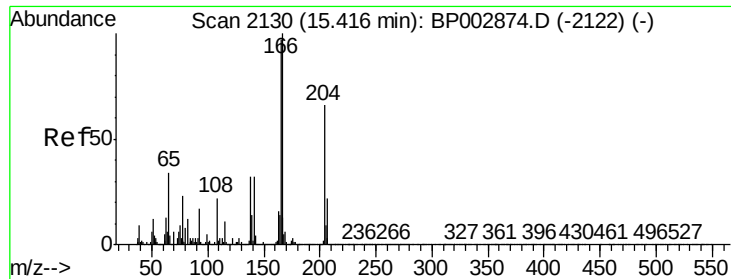
Tot Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 119.2 36.4 54.6#
154 65.4 46.6 69.8



#57
2,4-Dinitrotoluene
Concen: 3.818 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002957.D
Acq: 12 Aug 2020 19:37

Tgt Ion:165 Resp: 130
Ion Ratio Lower Upper
165 100
63 37.2 22.6 34.0#
89 75.2 46.2 69.2#
182 12.4 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.420 ng

RT: 15.41 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BP002957.D

Acq: 12 Aug 2020 19:37

Instrument :

BNA_P

ClientSampled :

BS-STOCK-1

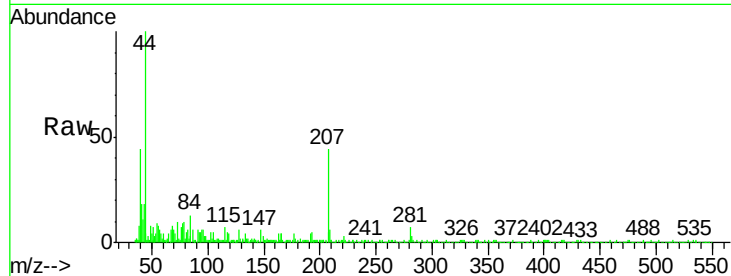
Tot Ion:138 Resp: 33

Ion Ratio Lower Upper

138 100

92 463.0 21.2 61.2#

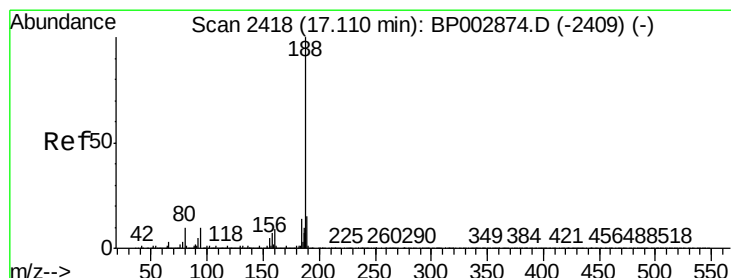
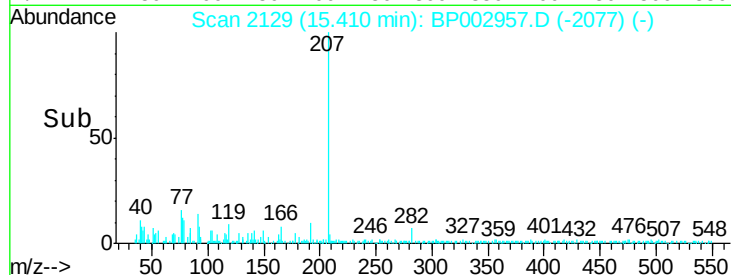
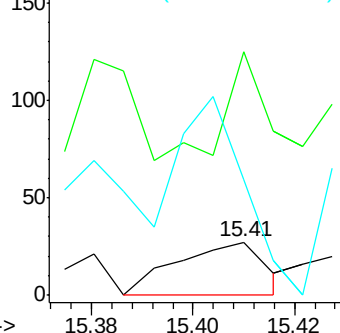
108 218.5 40.5 80.5#



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: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002957.D

Acq: 12 Aug 2020 19:37

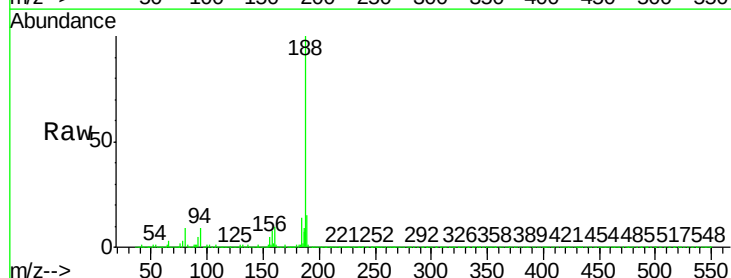
Tgt Ion:188 Resp: 974057

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

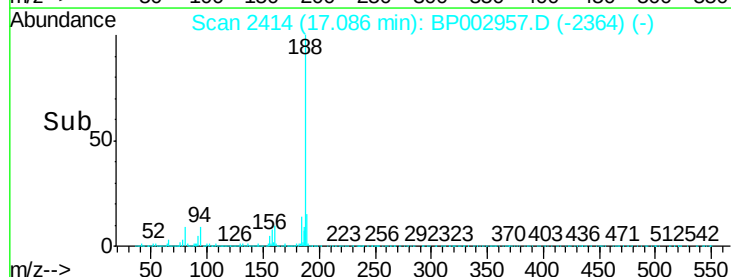
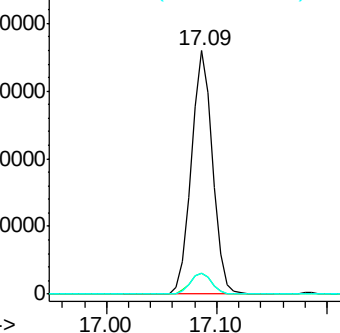
80 8.8 7.0 10.6

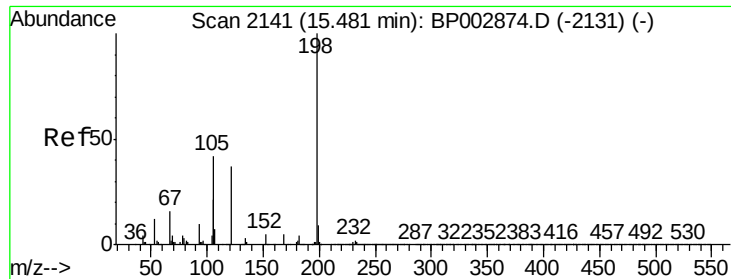


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

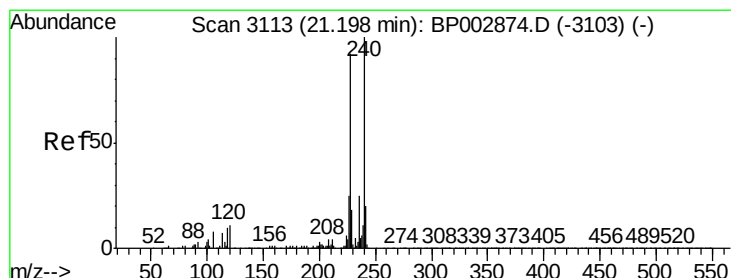
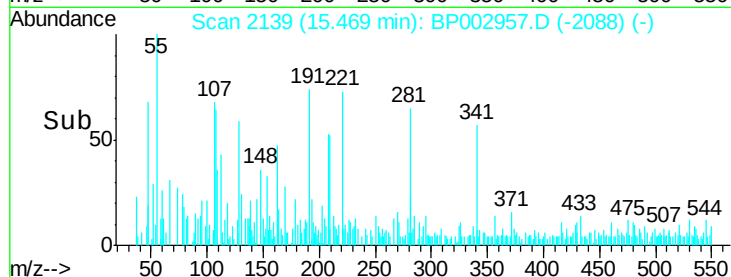
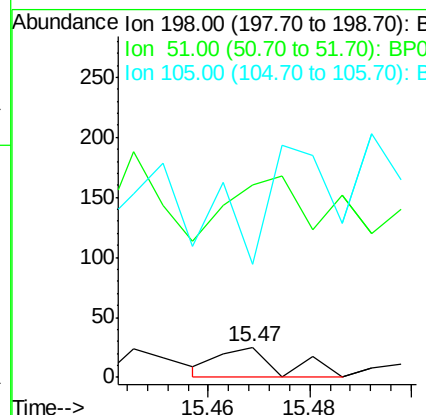
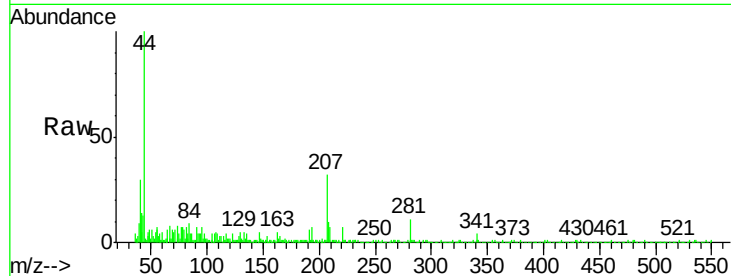




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.904 ng
 RT: 15.47 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BP002957.D
 Acq: 12 Aug 2020 19:37

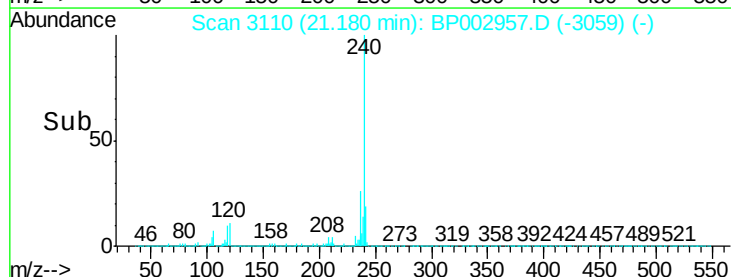
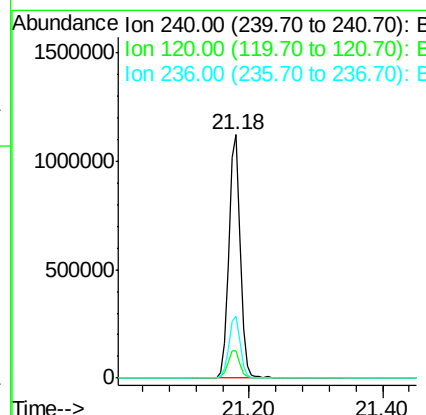
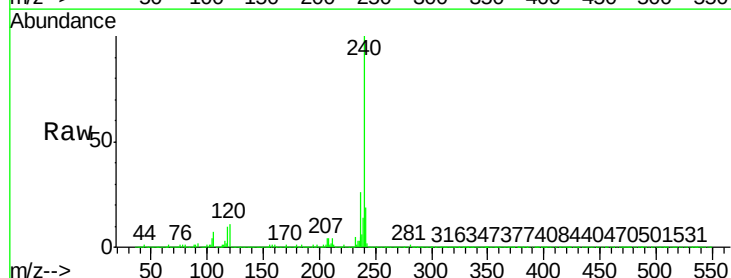
Instrument :
 BNA_P
 ClientSampled :
 BS-STOCK-1

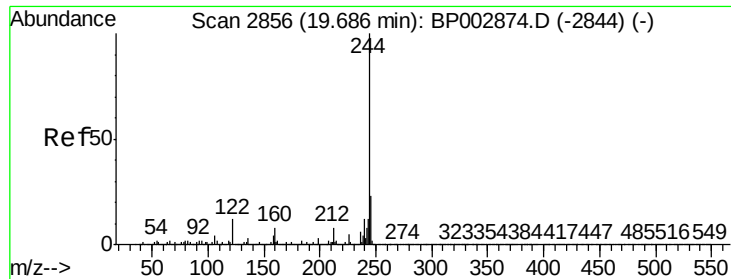
Tot Ion:198 Resp: 22
 Ion Ratio Lower Upper
 198 100
 51 640.0 6.5 46.5#
 105 376.0 20.4 60.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BP002957.D
 Acq: 12 Aug 2020 19:37

Tgt Ion:240 Resp: 1363548
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.6 16.0
 236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 74.079 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002957.D

Acq: 12 Aug 2020 19:37

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-1

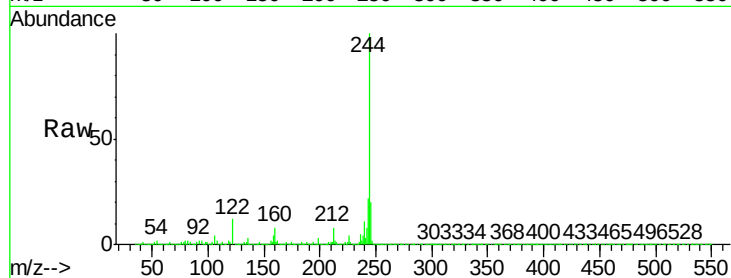
Tot Ion:244 Resp: 5045569

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

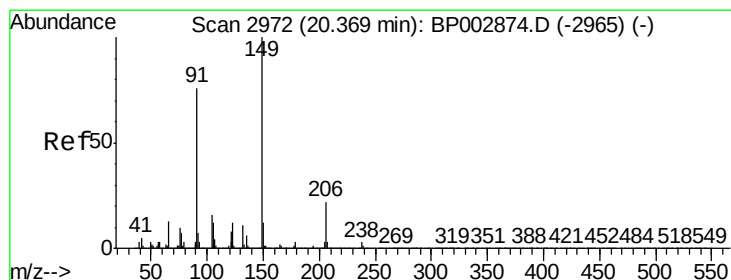
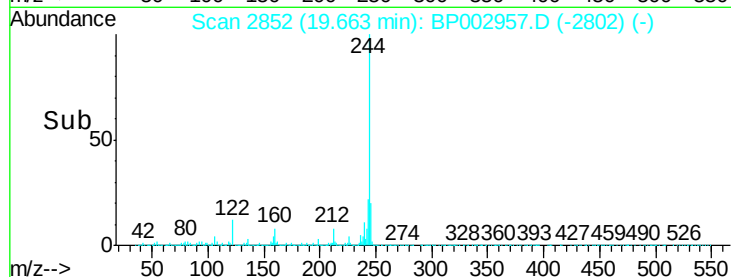
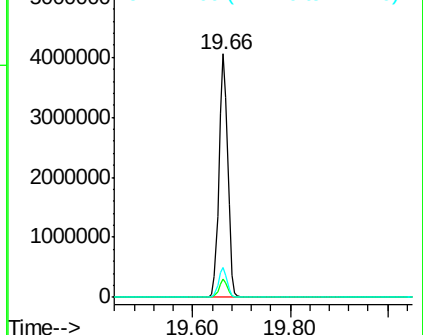
122 12.5 9.9 14.9



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: 3.081 ng

RT: 20.34 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BP002957.D

Acq: 12 Aug 2020 19:37

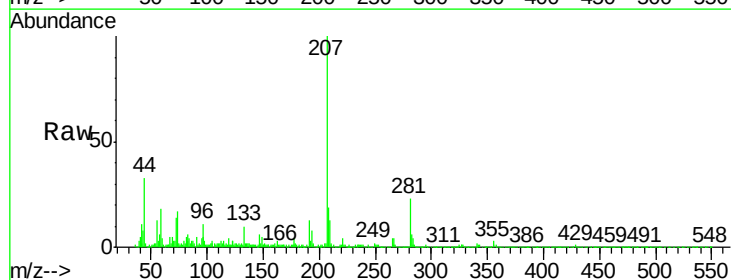
Tgt Ion:149 Resp: 974

Ion Ratio Lower Upper

149 100

91 115.9 46.5 69.7#

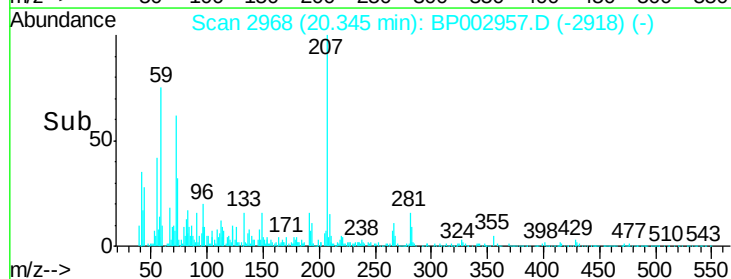
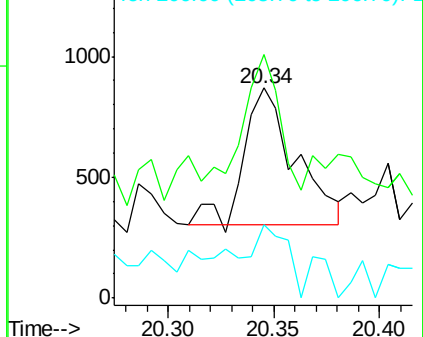
206 34.9 17.2 25.8#

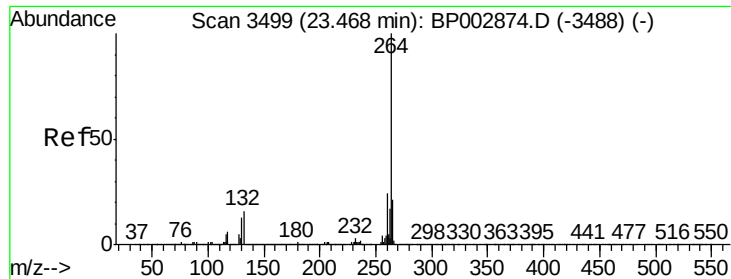


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.43 min Scan# 3493
 Delta R.T. -0.00 min
 Lab File: BP002957.D
 Acq: 12 Aug 2020 19:37

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-1

Tot Ion:264 Resp: 1778892
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.6 17.6 26.4

