

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002971.D
 Acq On : 13 Aug 2020 18:04
 Operator : CG/JU
 Sample : L3648-09RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-5

Quant Time: Aug 13 18:52:57 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	348429	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1444061	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	884199	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1854601	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1864341	20.00	ng	0.00
86) Perylene-d12	23.42	264	1957996	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1282767	56.35	ng	0.00
7) Phenol-d6	6.86	99	1097114	34.71	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1766836	66.27	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1242008	113.02	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	5012761	77.46	ng	-0.01
79) Terphenyl-d14	19.66	244	6673125	71.66	ng	-0.01

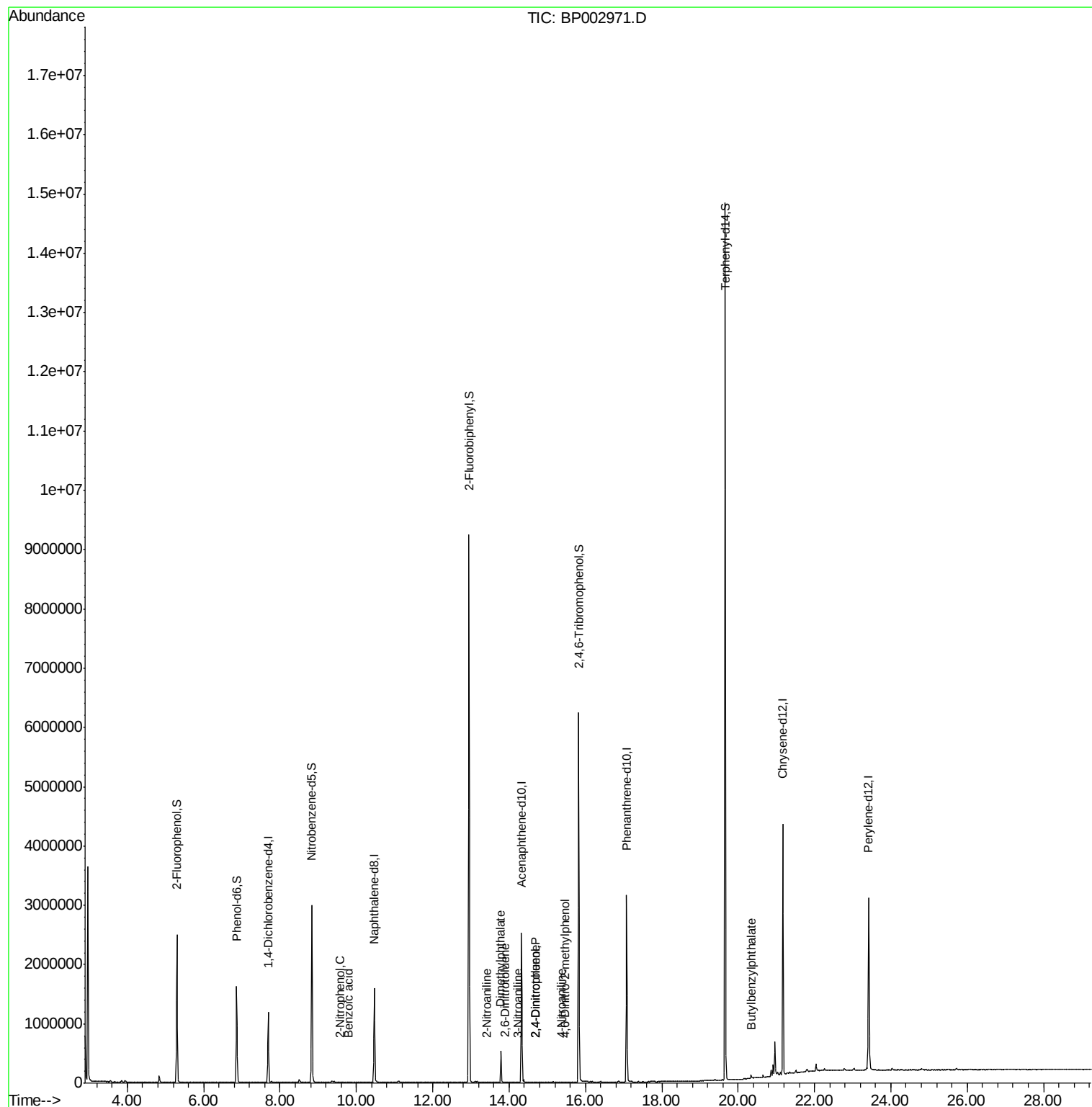
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.57	139	20	4.522	ng	# 1
32) Benzoic acid	9.79	122	53	7.689	ng	# 1
48) 2-Nitroaniline	13.41	65	38	3.974	ng	# 37
50) Dimethylphthalate	13.79	163	377262	5.455	ng	99
51) 2,6-Dinitrotoluene	13.89	165	730	2.943	ng	# 64
53) 3-Nitroaniline	14.23	138	20	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.69	184	7	8.058	ng	93
57) 2,4-Dinitrotoluene	14.69	165	170	3.813	ng	# 84
62) 4-Nitroaniline	15.35	138	90	2.421	ng	81
65) 4,6-Dinitro-2-methylphenol	15.47	198	5	6.901	ng	# 1
80) Butylbenzylphthalate	20.34	149	937	3.074	ng	# 70

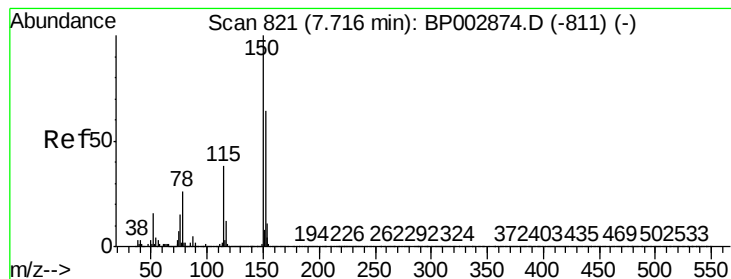
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
Data File : BP002971.D
Acq On : 13 Aug 2020 18:04
Operator : CG/JU
Sample : L3648-09RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

Quant Time: Aug 13 18:52:57 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



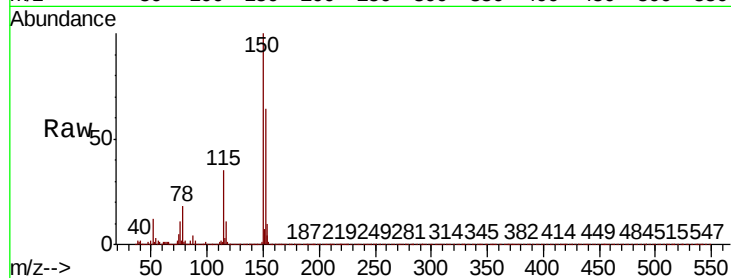


#1

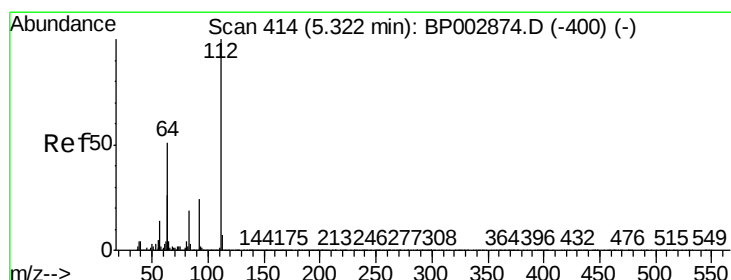
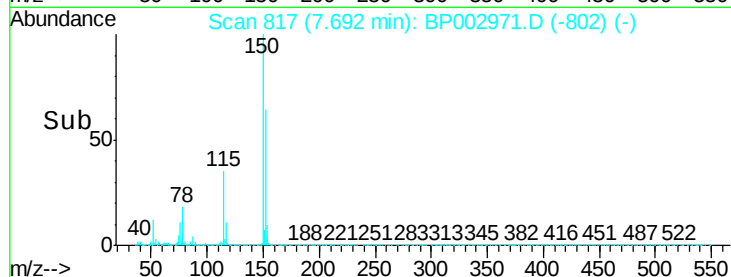
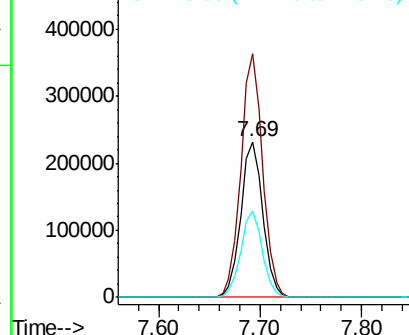
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.4
115	55.1	42.1	63.1



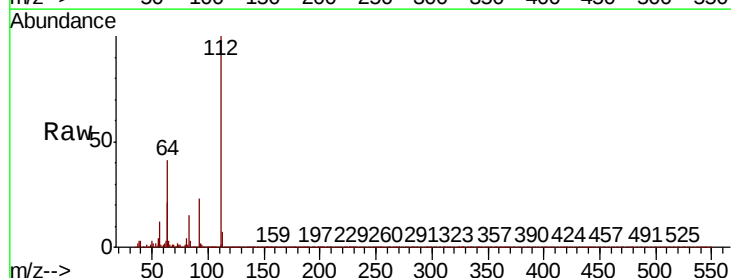
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



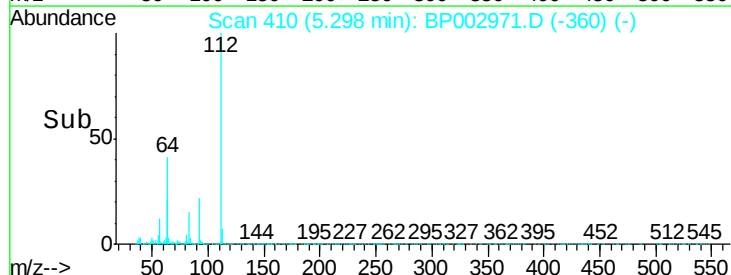
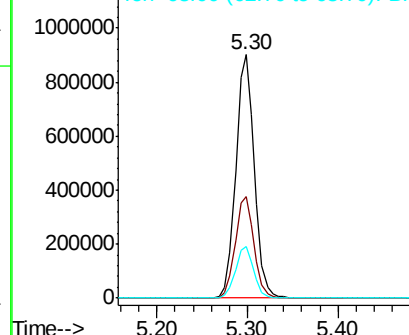
#5

2-Fluorophenol
Concen: 56.346 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.5	33.8	50.8
63	21.1	17.2	25.8



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: 34.711 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002971.D

Acq: 13 Aug 2020 18:04

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-5

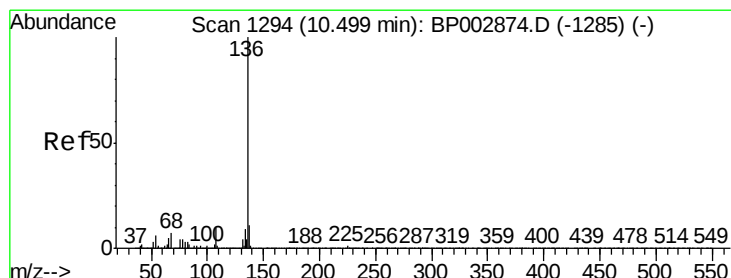
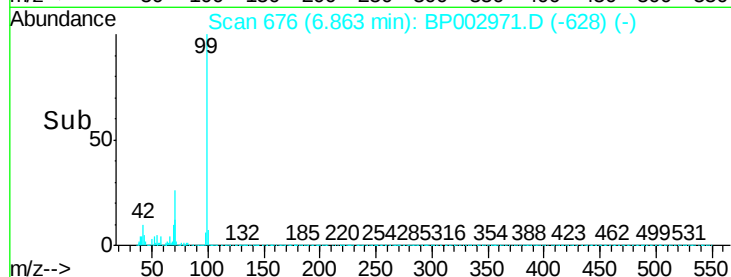
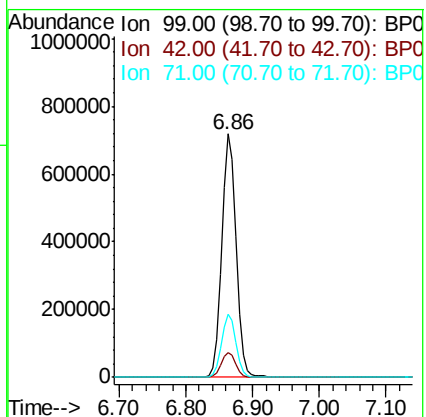
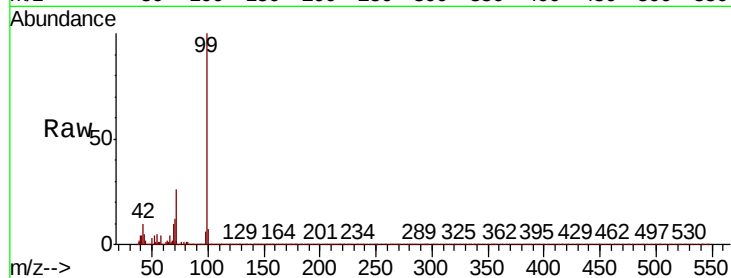
Tot Ion: 99 Resp: 1097114

Ion Ratio Lower Upper

99 100

42 10.4 8.1 12.1

71 26.1 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: BP002971.D

Acq: 13 Aug 2020 18:04

Tgt Ion: 136 Resp: 1444061

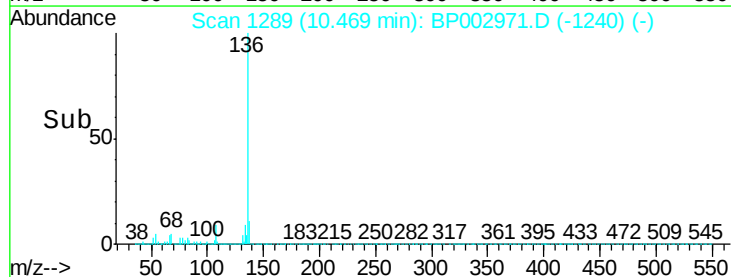
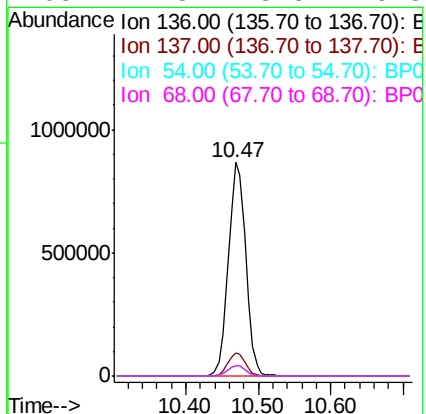
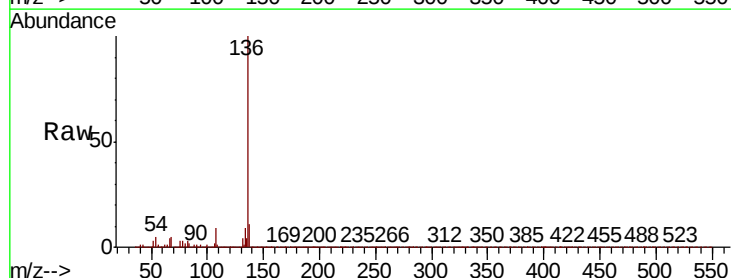
Ion Ratio Lower Upper

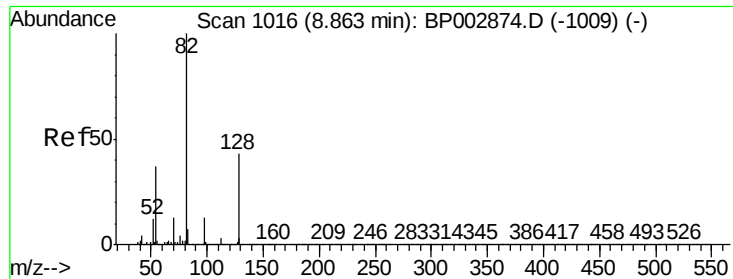
136 100

137 11.0 9.0 13.4

54 4.9 3.9 5.9

68 4.8 3.8 5.8

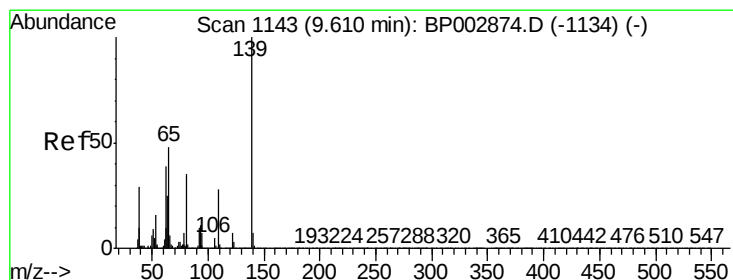
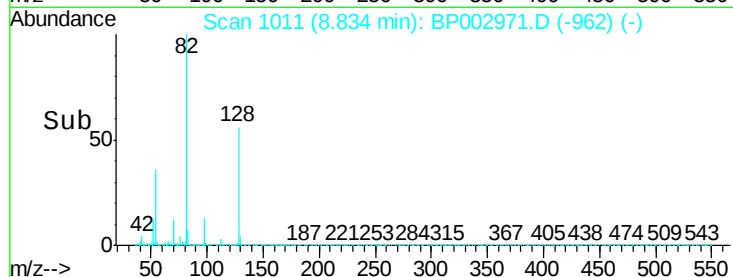
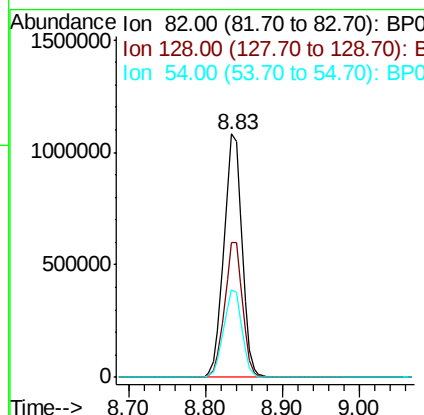
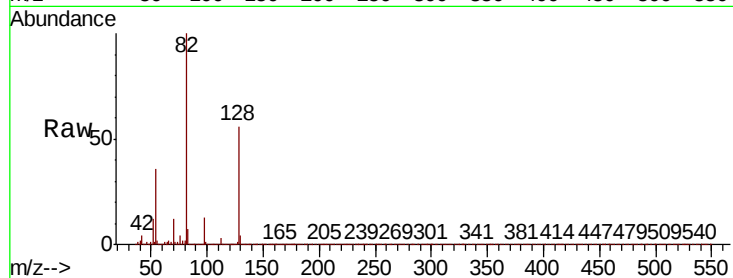




#23
 Nitrobenzene-d5
 Concen: 66.269 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002971.D
 Acq: 13 Aug 2020 18:04

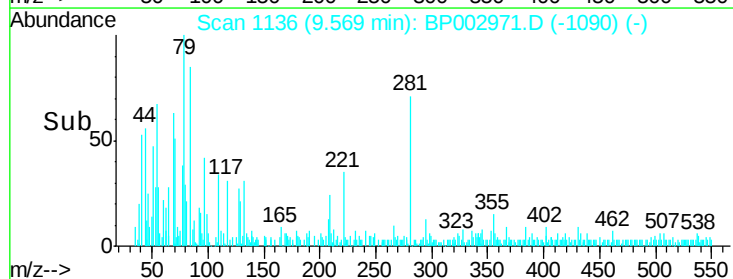
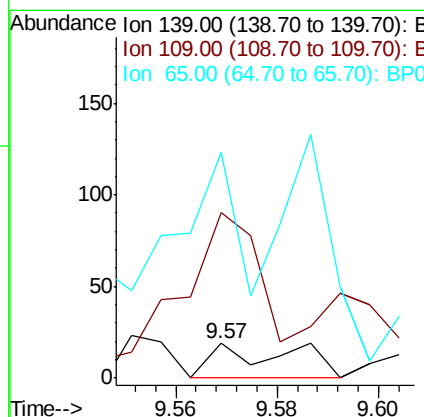
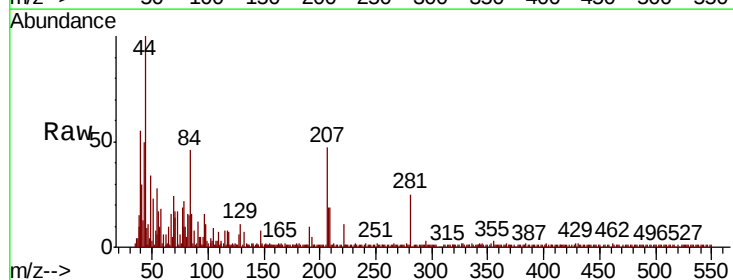
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-5

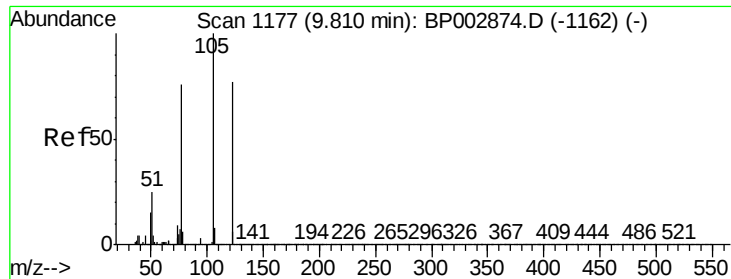
Tot Ion: 82 Resp: 1766836
 Ion Ratio Lower Upper
 82 100
 128 55.5 44.6 66.8
 54 36.2 29.2 43.8



#26
 2-Nitrophenol
 Concen: 4.522 ng
 RT: 9.57 min Scan# 1136
 Delta R.T. -0.03 min
 Lab File: BP002971.D
 Acq: 13 Aug 2020 18:04

Tgt Ion: 139 Resp: 20
 Ion Ratio Lower Upper
 139 100
 109 230.8 19.5 29.3#
 65 315.4 26.6 40.0#

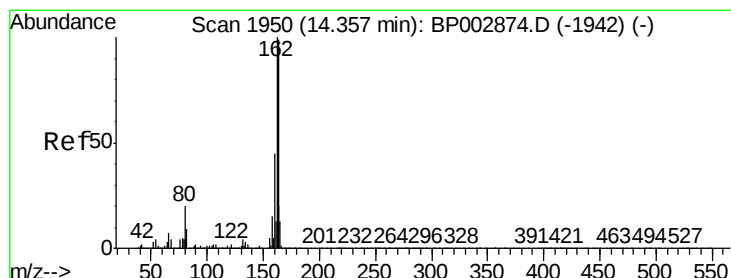
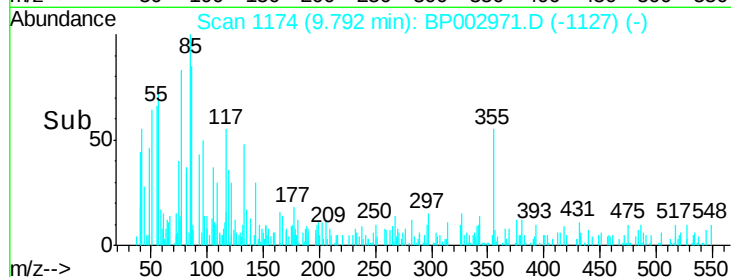
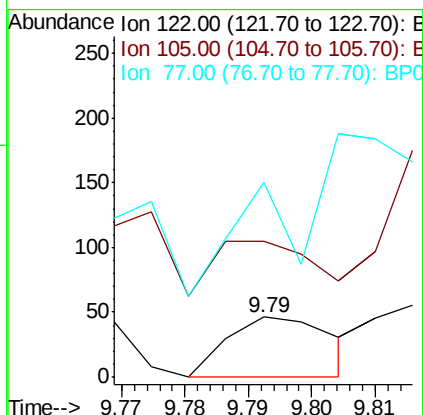
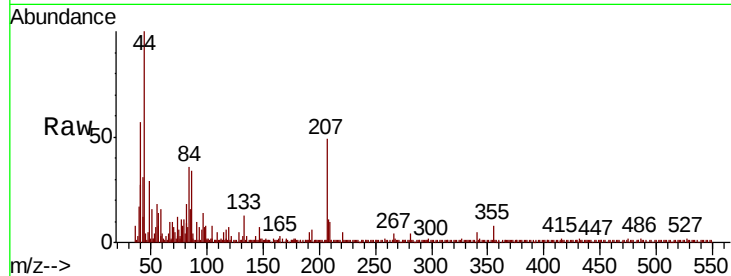




#32
Benzoic acid
Concen: 7.689 ng
RT: 9.79 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

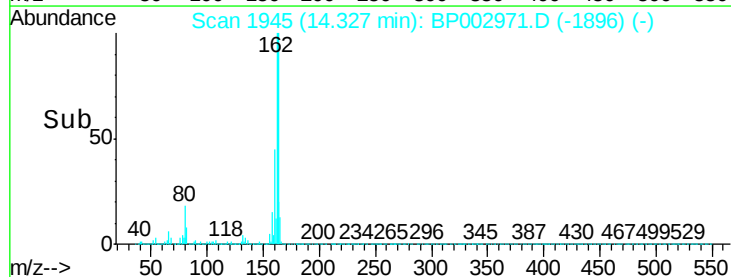
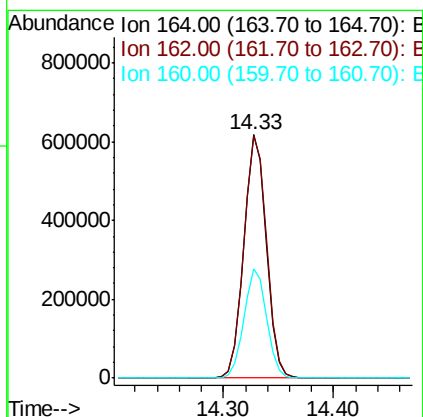
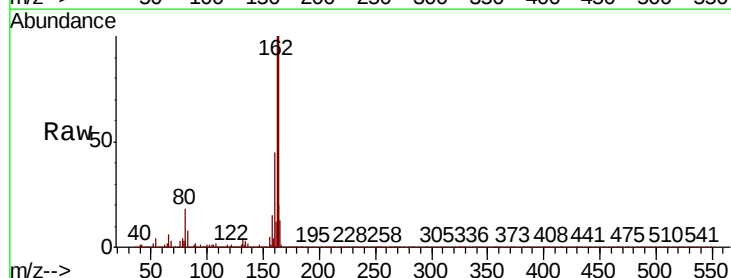
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

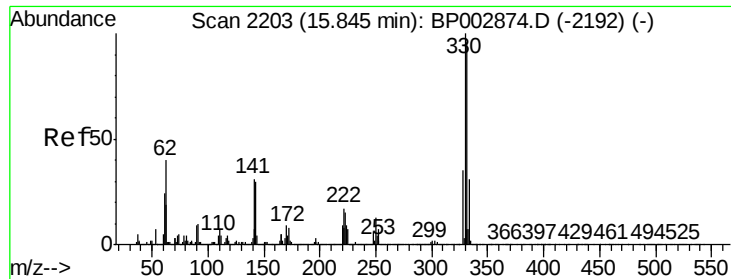
Tot Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 228.3 95.8 135.8#
77 326.1 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Tgt Ion:164 Resp: 884199
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 45.0 36.2 54.4



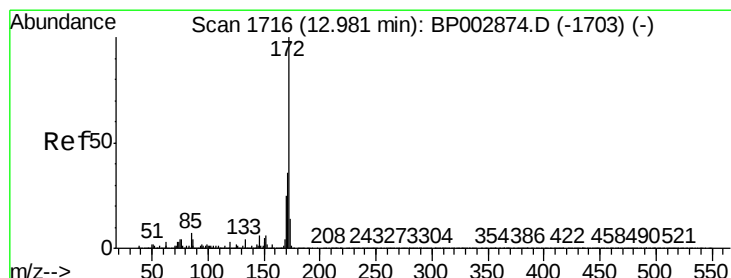
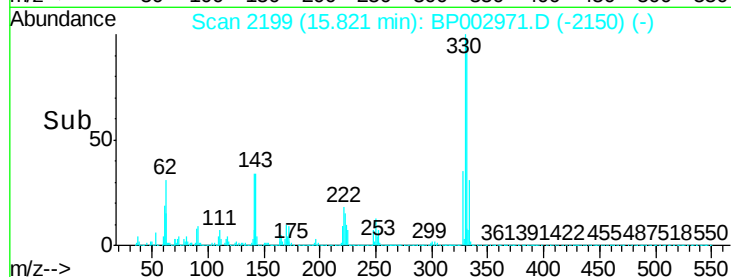
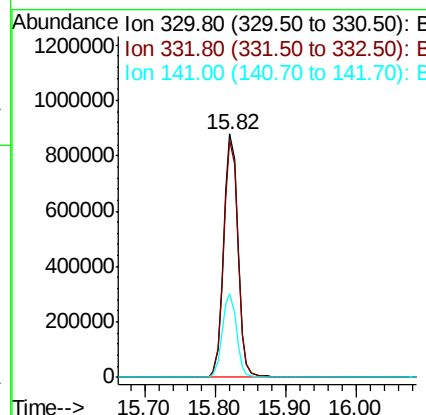
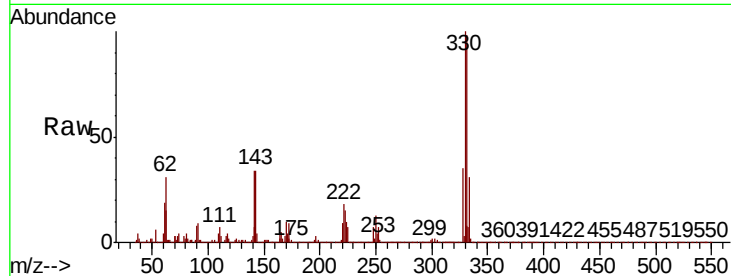


#42
 2,4,6-Tribromophenol
 Concen: 113.017 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002971.D
 Acq: 13 Aug 2020 18:04

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-5

Tot Ion:330 Resp: 1242008

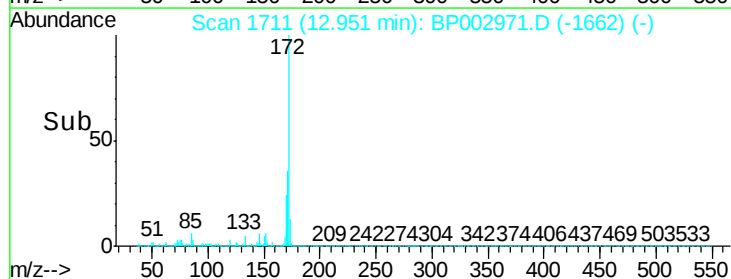
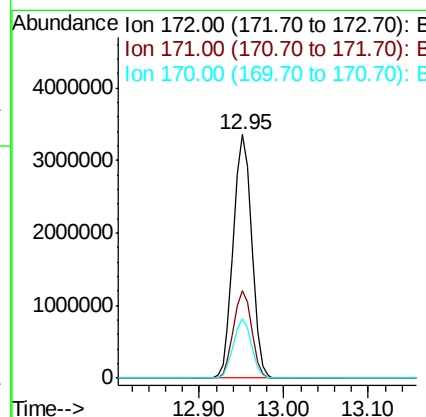
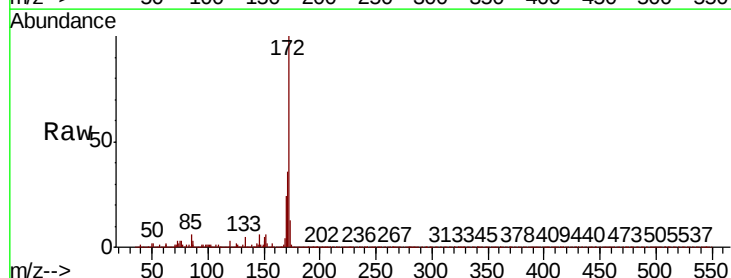
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	34.2	28.6	43.0

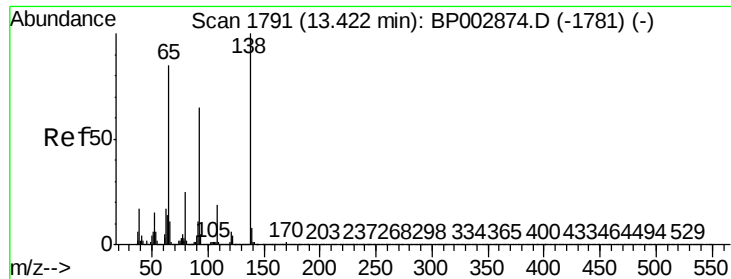


#45
 2-Fluorobiphenyl
 Concen: 77.459 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002971.D
 Acq: 13 Aug 2020 18:04

Tgt Ion:172 Resp: 5012761

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.6	29.4

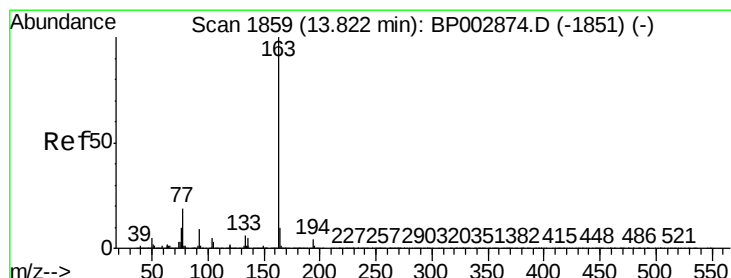
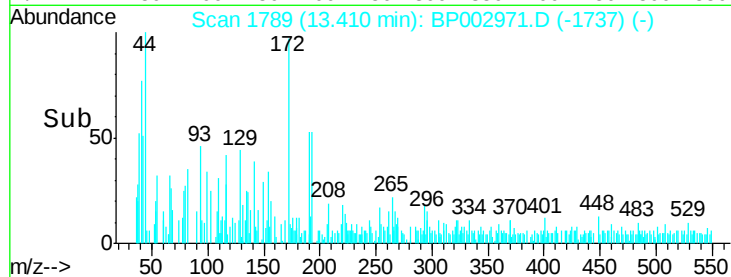
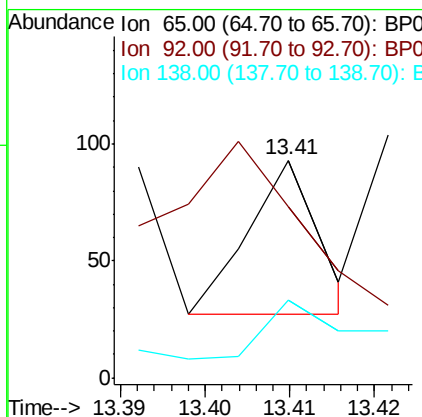
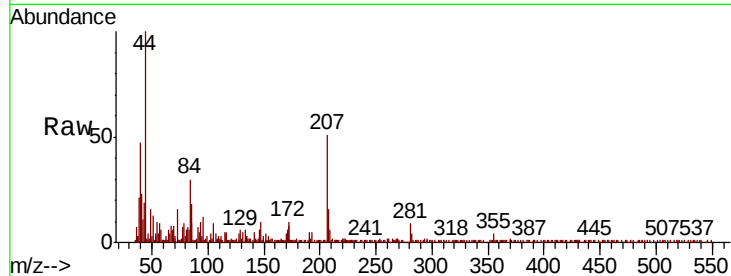




#48
2-Nitroaniline
Concen: 3.974 ng
RT: 13.41 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

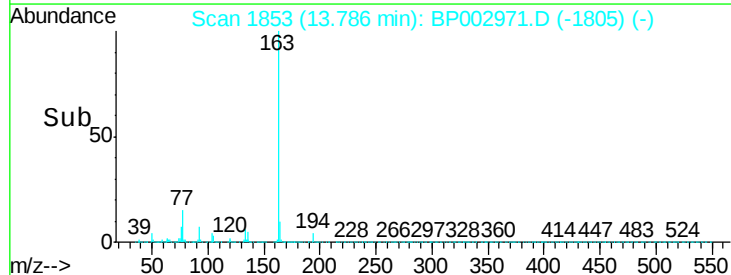
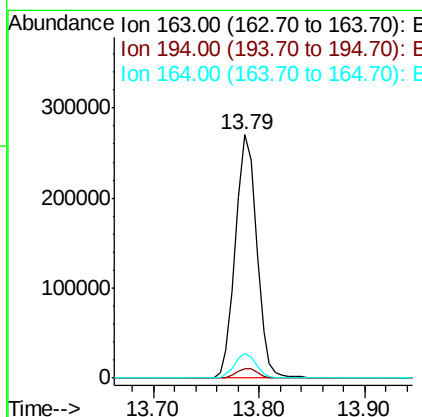
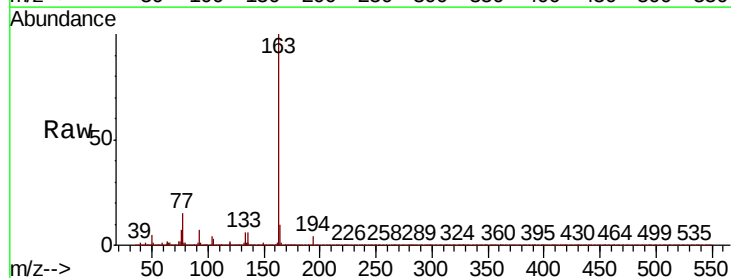
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

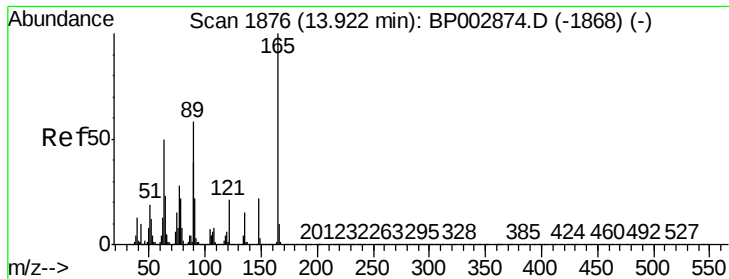
Tot Ion: 65 Resp: 38
Ion Ratio Lower Upper
65 100
92 78.5 69.6 104.4
138 35.5 125.6 188.4#



#50
Dimethylphthalate
Concen: 5.455 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Tgt Ion: 163 Resp: 377262
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.9 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.943 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BP002971.D

Acq: 13 Aug 2020 18:04

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-5

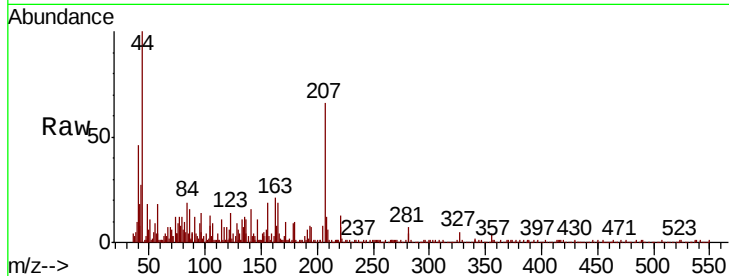
Tot Ion:165 Resp: 730

Ion Ratio Lower Upper

165 100

63 14.5 27.5 41.3#

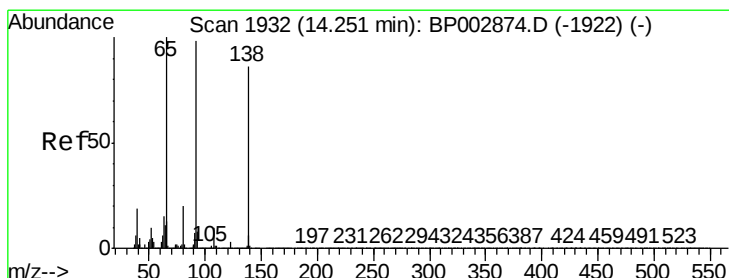
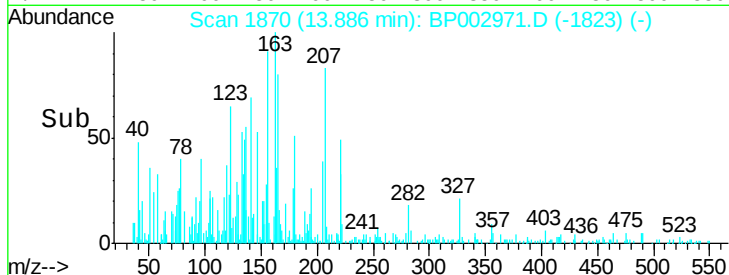
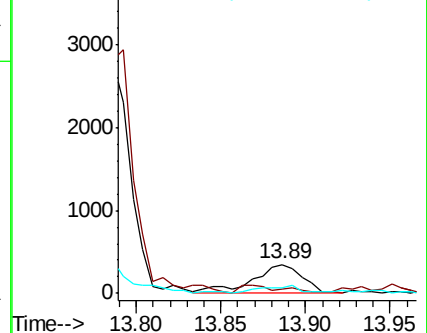
89 19.9 35.3 52.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#53

3-Nitroaniline

Concen: 3.275 ng

RT: 14.23 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BP002971.D

Acq: 13 Aug 2020 18:04

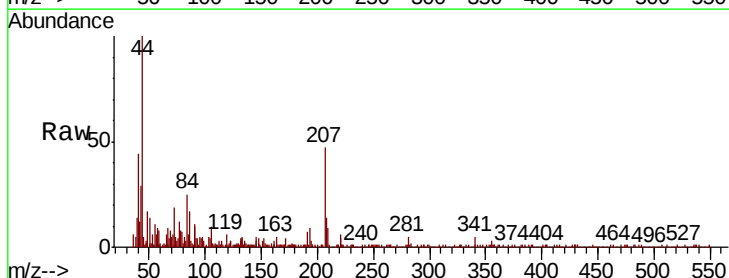
Tgt Ion:138 Resp: 20

Ion Ratio Lower Upper

138 100

108 35.5 7.2 10.8#

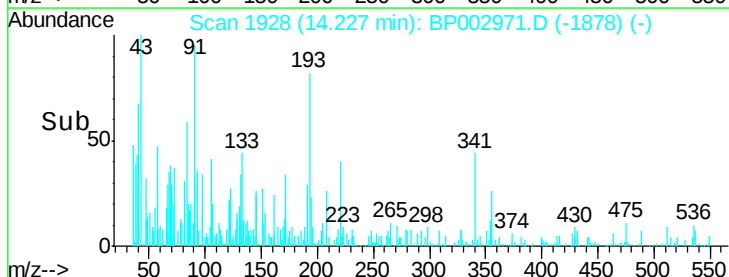
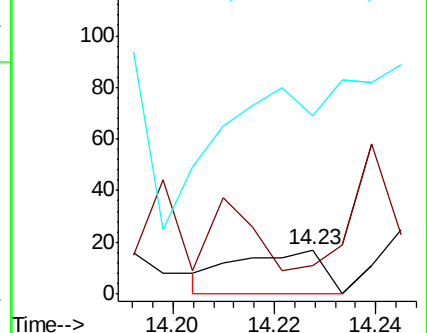
92 222.6 75.8 113.6#

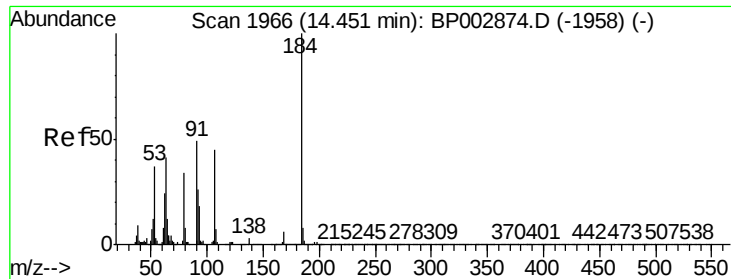


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

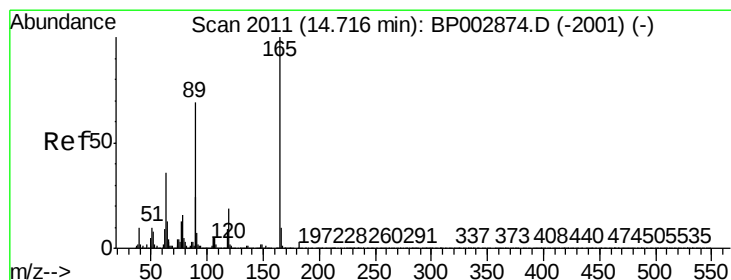
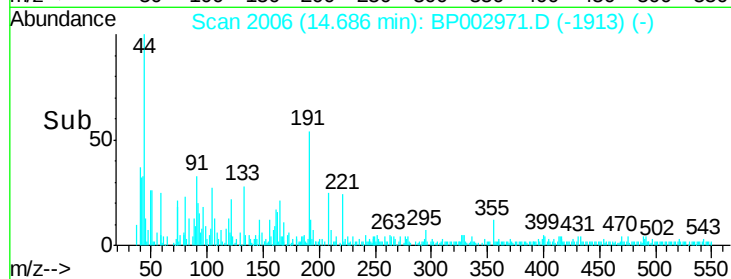
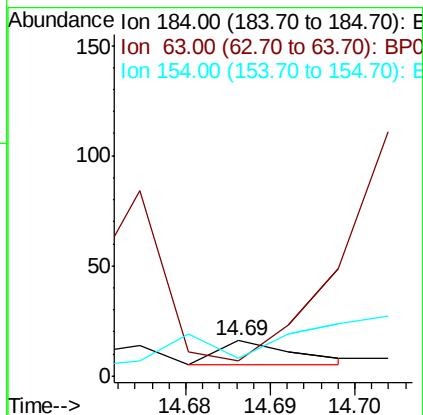
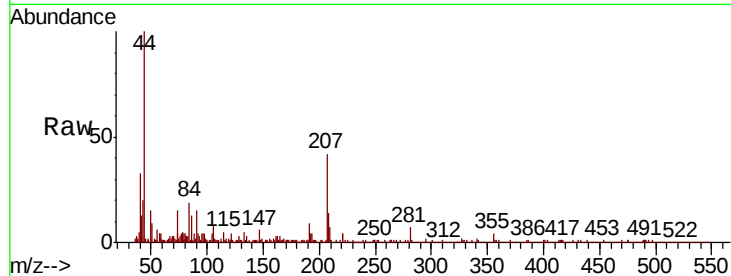




#54
2,4-Dinitrophenol
Concen: 8.058 ng
RT: 14.69 min Scan# 2006
Delta R.T. 0.25 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

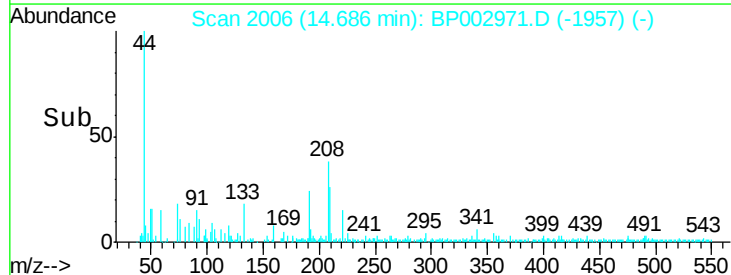
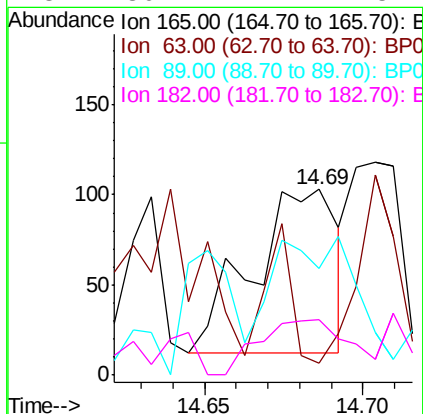
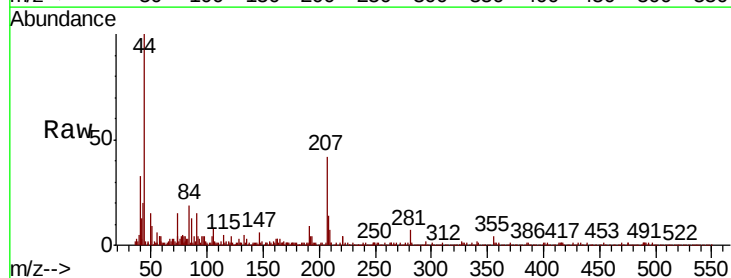
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

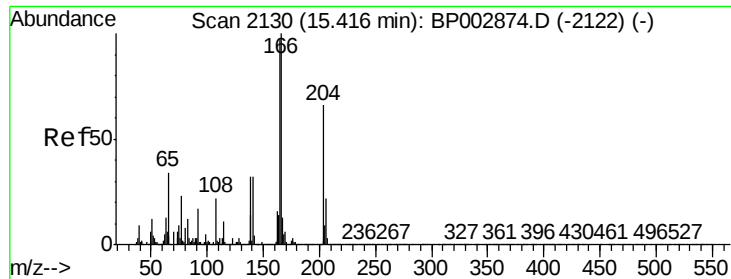
Tot Ion	Ratio	Lower	Upper
184	100		
63	43.8	36.4	54.6
154	50.0	46.6	69.8



#57
2,4-Dinitrotoluene
Concen: 3.813 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	6.8	22.6	34.0#
89	57.3	46.2	69.2
182	30.1	2.2	3.4#

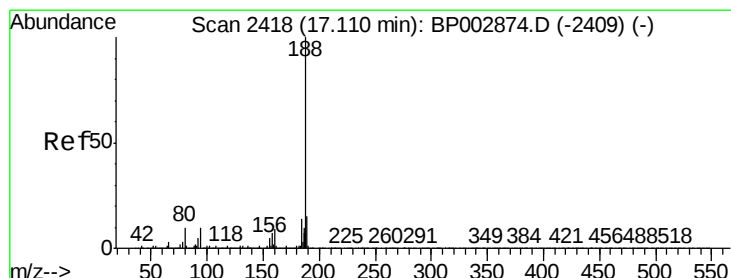
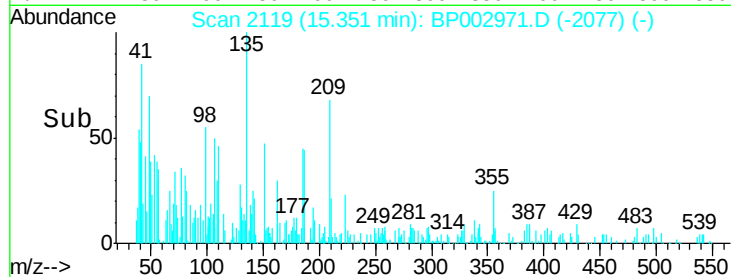
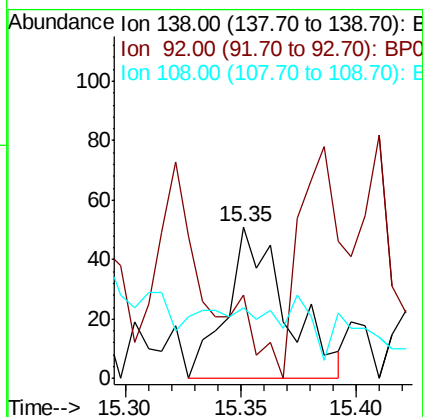
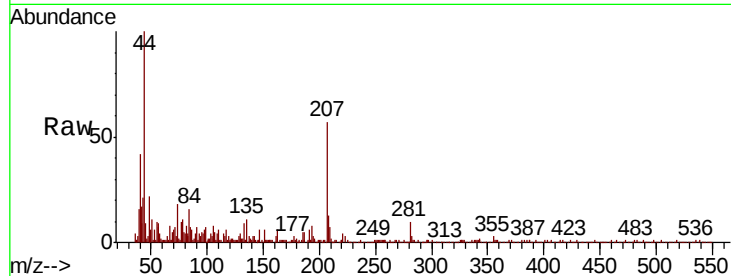




#62
4-Nitroaniline
Concen: 2.421 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.05 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

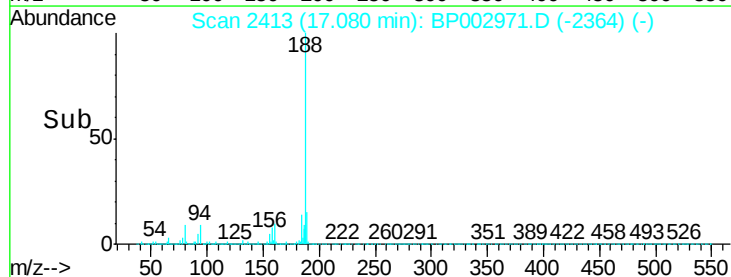
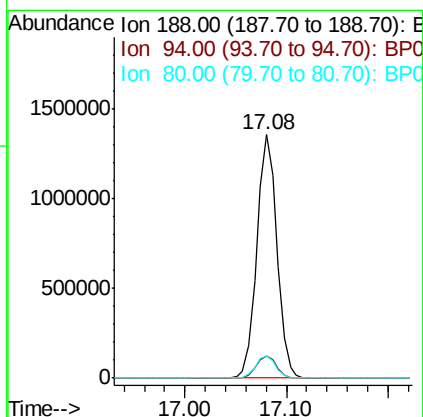
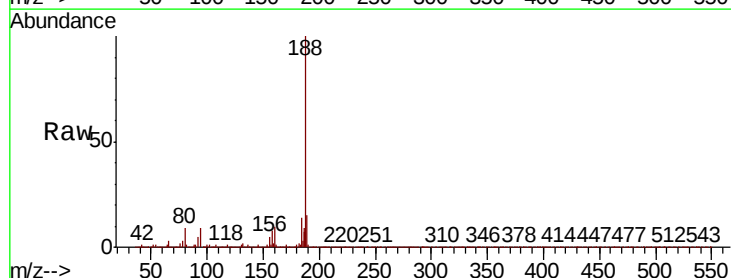
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

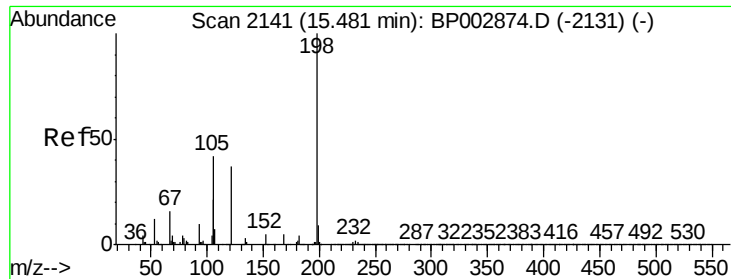
Tot Ion:138 Resp: 90
Ion Ratio Lower Upper
138 100
92 54.9 21.2 61.2
108 47.1 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Tgt Ion:188 Resp: 1854601
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.2 7.0 10.6

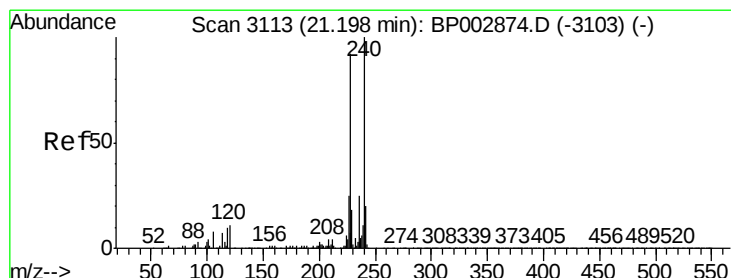
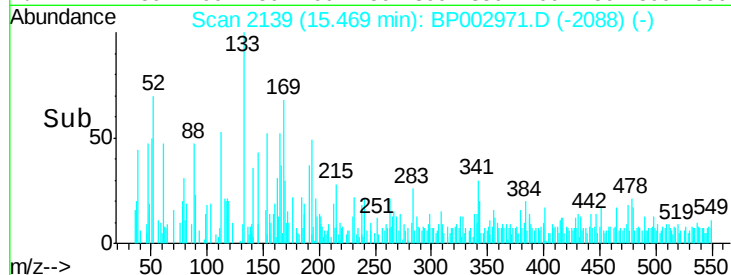
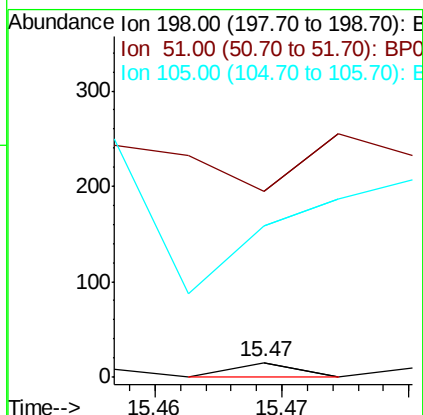
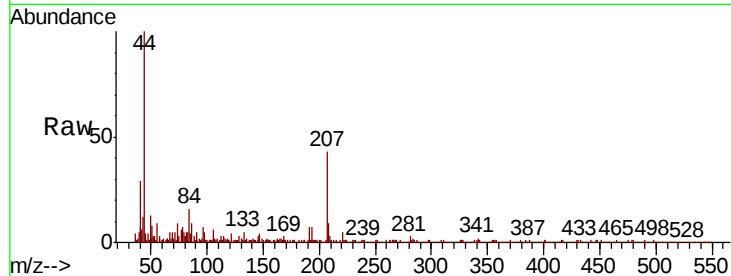




#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

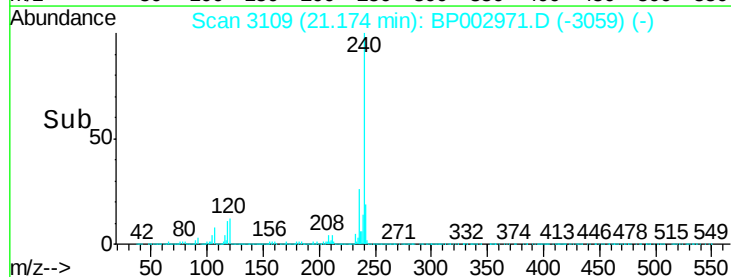
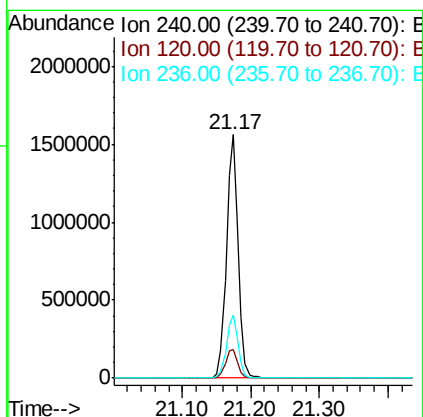
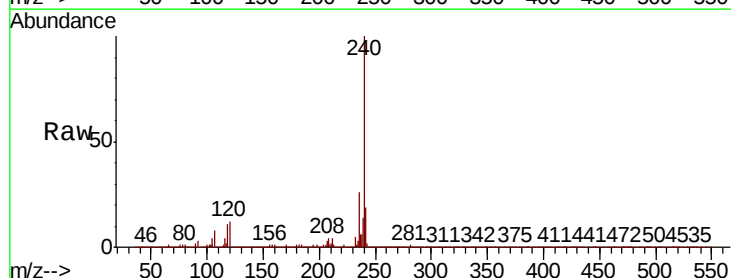
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

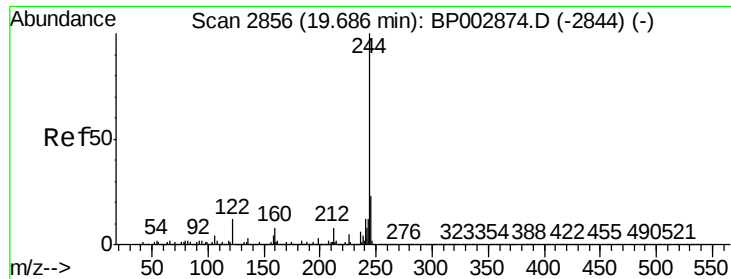
Tot Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 1293.3 6.5 46.5#
105 1060.0 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Tgt Ion:240 Resp: 1864341
Ion Ratio Lower Upper
240 100
120 11.8 10.6 16.0
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 71.657 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002971.D

Acq: 13 Aug 2020 18:04

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-5

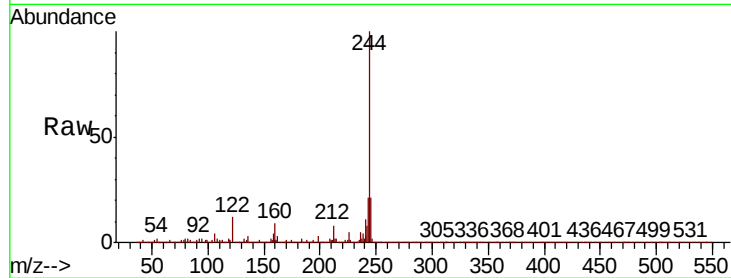
Tot Ion:244 Resp: 6673125

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

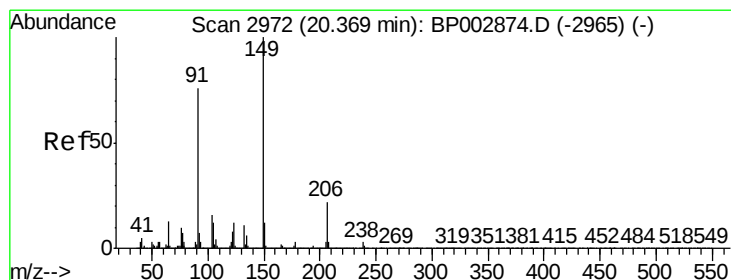
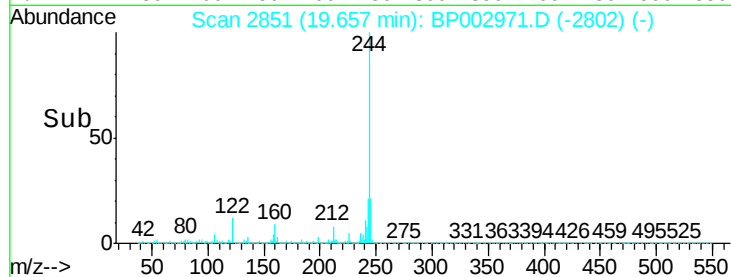
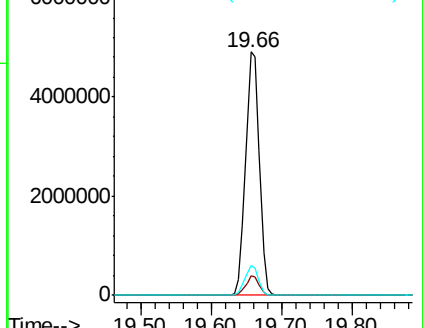
122 12.4 9.9 14.9



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: 3.074 ng

RT: 20.34 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BP002971.D

Acq: 13 Aug 2020 18:04

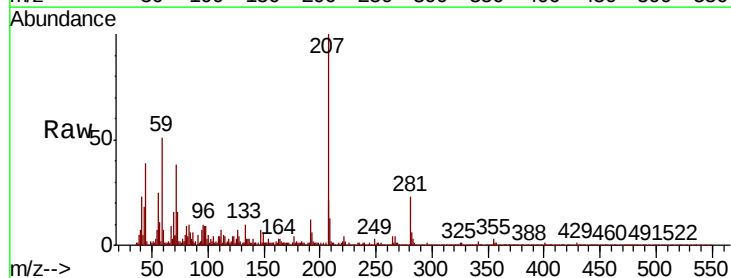
Tgt Ion:149 Resp: 937

Ion Ratio Lower Upper

149 100

91 75.8 46.5 69.7#

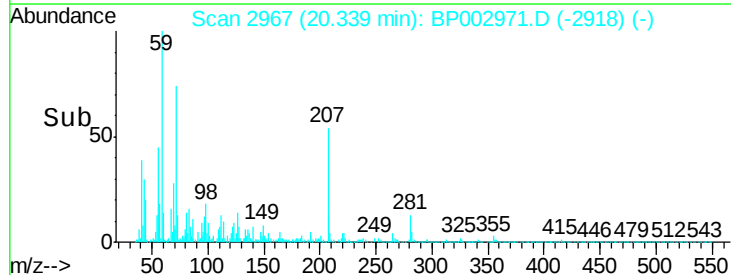
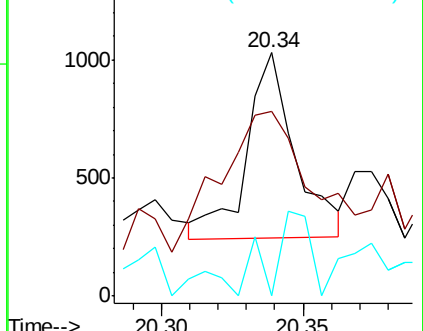
206 0.0 17.2 25.8#

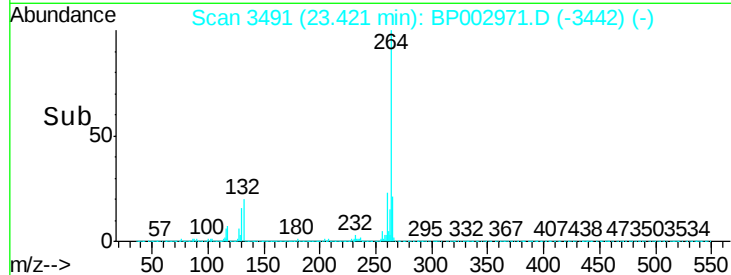
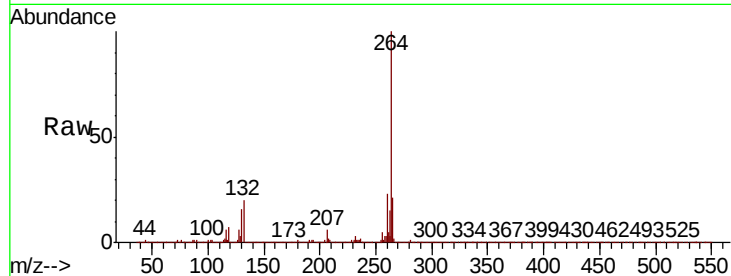
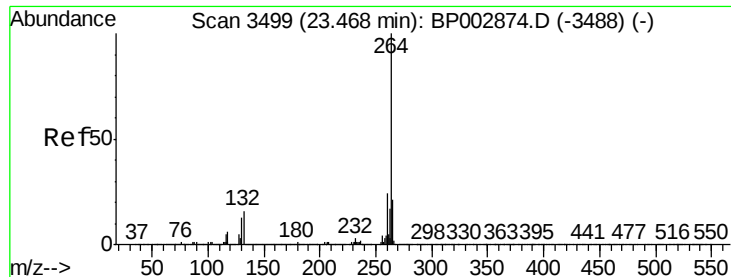


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002971.D
Acq: 13 Aug 2020 18:04

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

Tot Ion:264 Resp: 1957996

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	17.6	26.4

