

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002953.D
 Acq On : 12 Aug 2020 17:20
 Operator : CG/JU
 Sample : L3653-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BW-STOCK

Quant Time: Aug 12 18:11:04 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

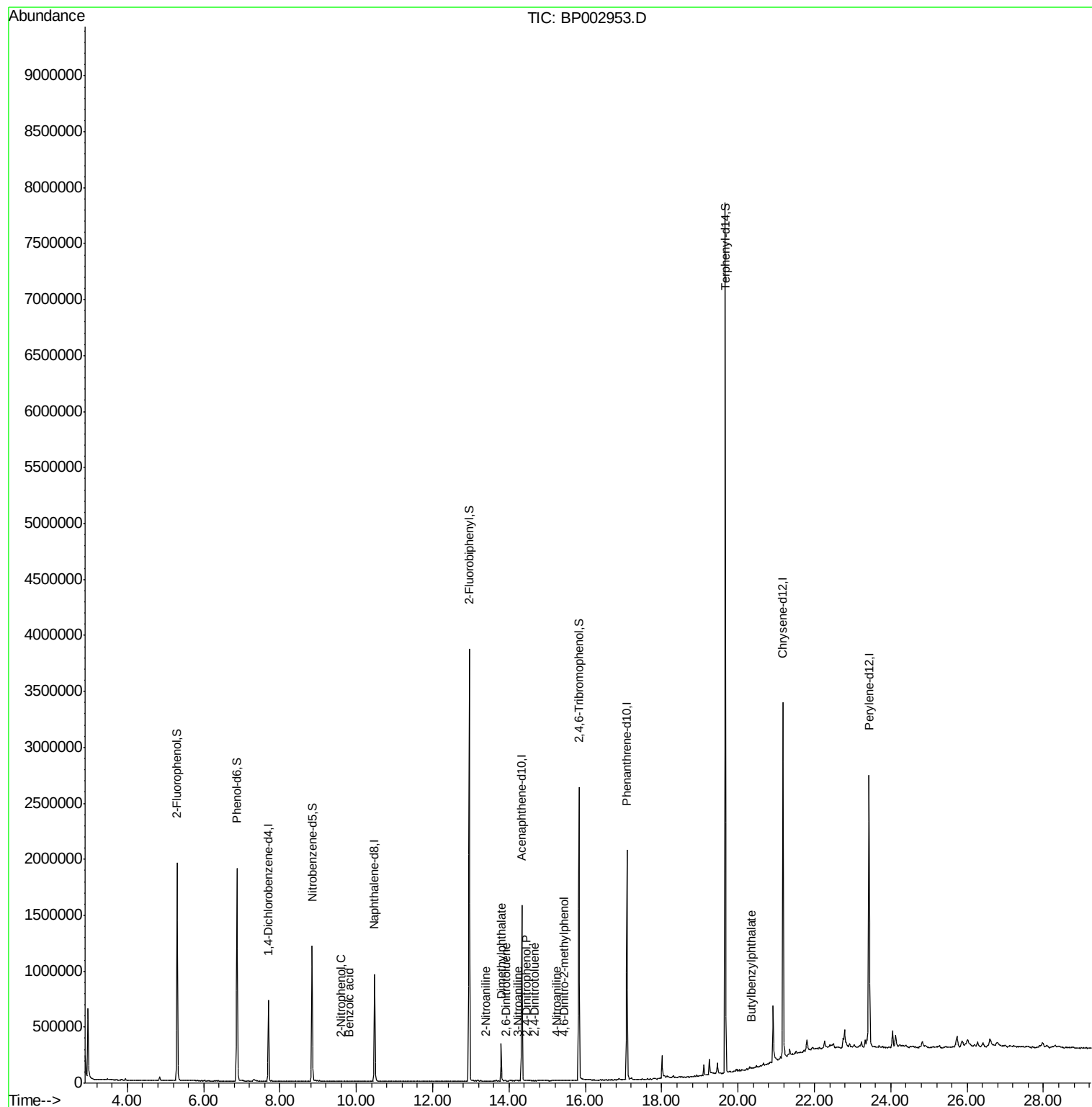
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	218816	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	897691	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	556147	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1204396	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1413329	20.00	ng	0.00
86) Perylene-d12	23.43	264	1708226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1048723	73.35	ng	0.00
7) Phenol-d6	6.87	99	1307921	65.89	ng	-0.01
23) Nitrobenzene-d5	8.84	82	697265	42.07	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	523976	75.80	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2075970	51.00	ng	0.00
79) Terphenyl-d14	19.66	244	3221850	45.64	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.59	139	15	4.522	ng	# 1
32) Benzoic acid	9.82	122	140	7.700	ng	# 37
48) 2-Nitroaniline	13.40	65	51	3.977	ng	# 14
50) Dimethylphthalate	13.79	163	241261	5.546	ng	# 99
51) 2,6-Dinitrotoluene	13.92	165	152	2.914	ng	# 66
53) 3-Nitroaniline	14.24	138	77	3.280	ng	# 36
54) 2,4-Dinitrophenol	14.46	184	32	8.064	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	104	3.813	ng	# 91
62) 4-Nitroaniline	15.25	138	66	2.422	ng	# 98
65) 4,6-Dinitro-2-methylphenol	15.45	198	24	6.904	ng	# 1
80) Butylbenzylphthalate	20.35	149	1495	3.093	ng	# 65

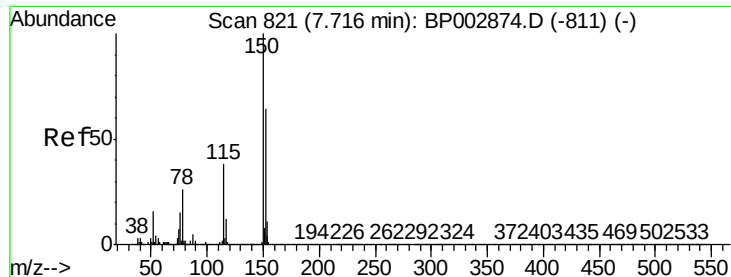
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002953.D
Acq On : 12 Aug 2020 17:20
Operator : CG/JU
Sample : L3653-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BW-STOCK

Quant Time: Aug 12 18:11:04 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



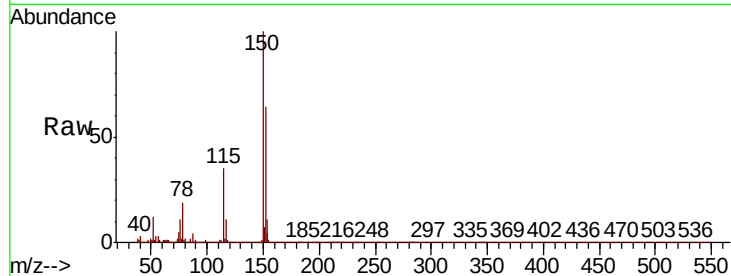


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Instrument :
BNA_P
ClientSampleId :
BW-STOCK

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.4
115	55.0	42.1	63.1

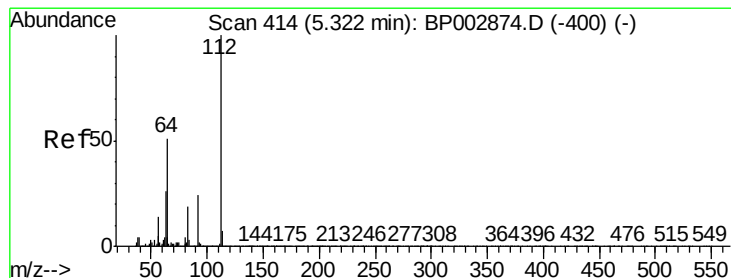
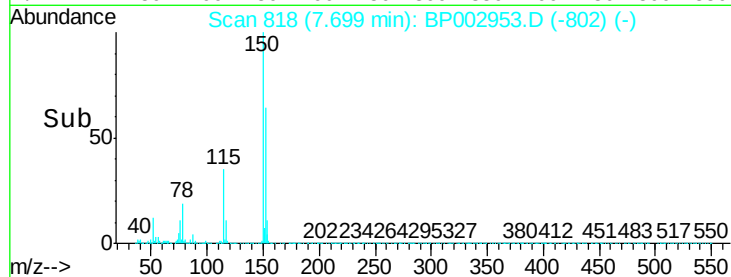
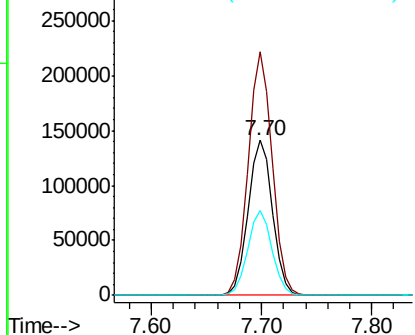


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

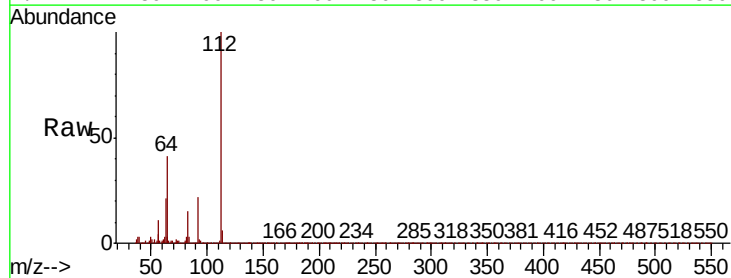
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.352 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	33.8	50.8
63	20.8	17.2	25.8

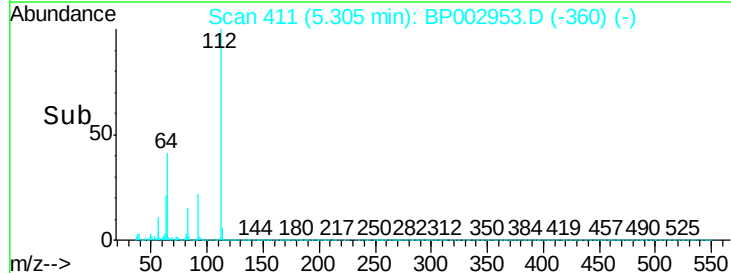
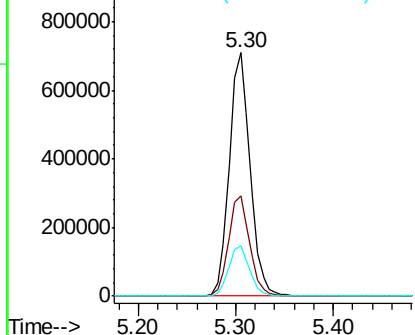


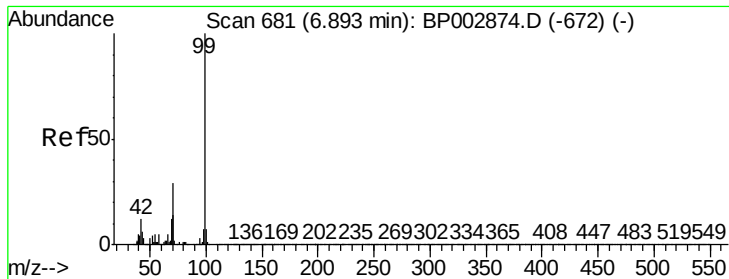
Abundance

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: 65.891 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Instrument :

BNA_P

ClientSampled :

BW-STOCK

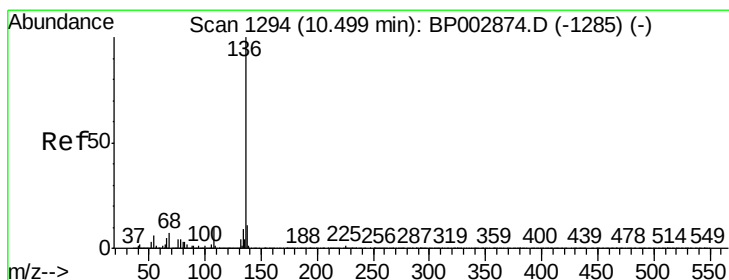
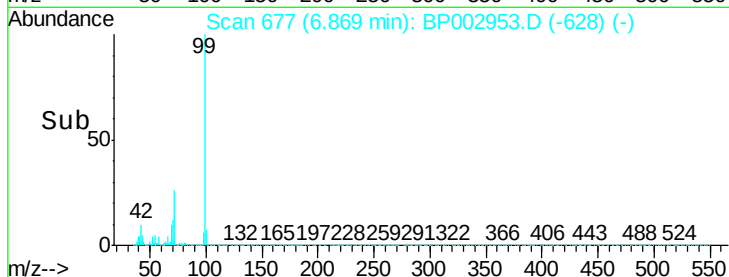
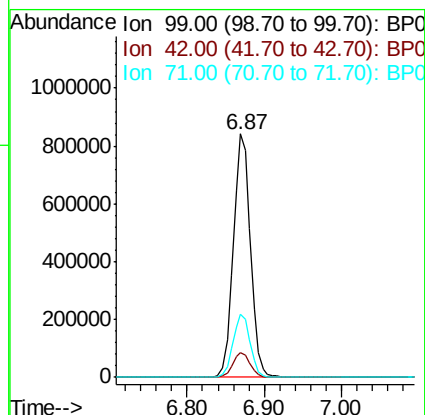
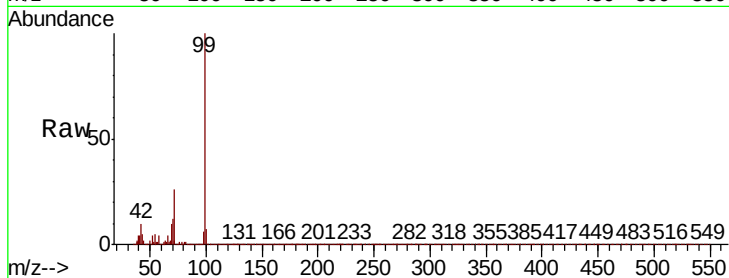
Tot Ion: 99 Resp: 1307921

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: 10.48 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Tgt Ion: 136 Resp: 897691

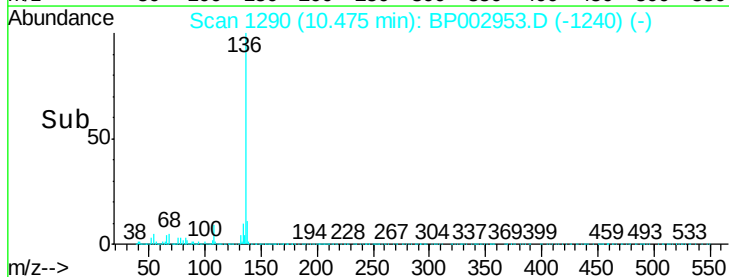
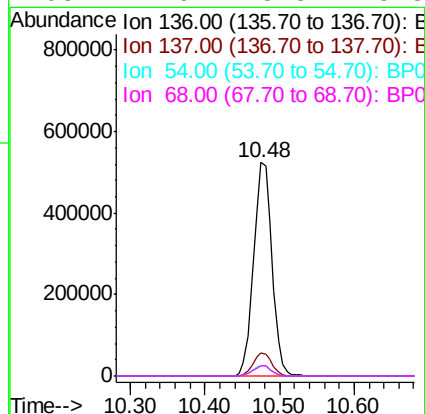
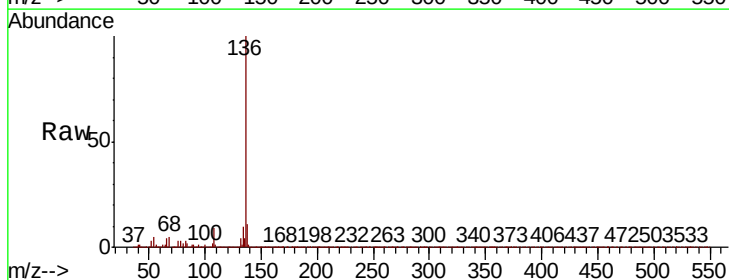
Ion Ratio Lower Upper

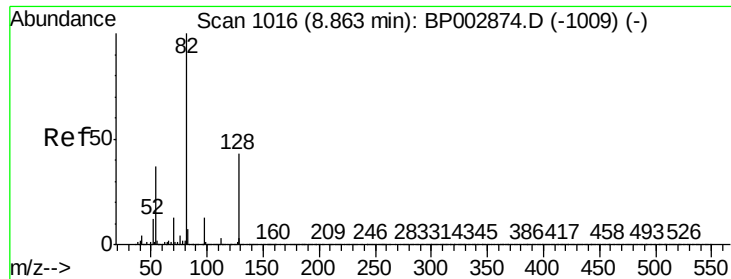
136 100

137 10.8 9.0 13.4

54 5.1 3.9 5.9

68 4.9 3.8 5.8

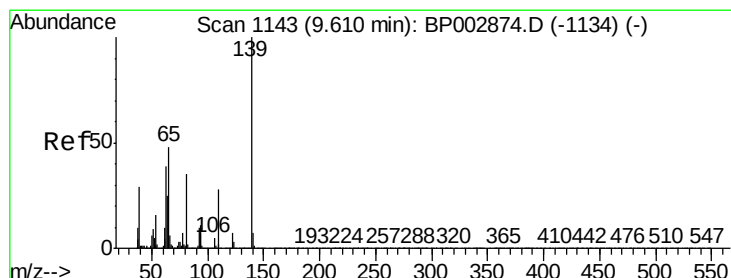
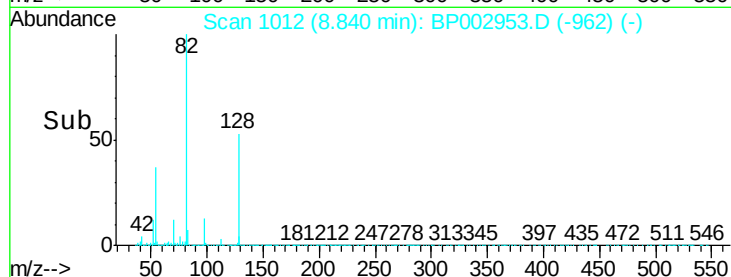
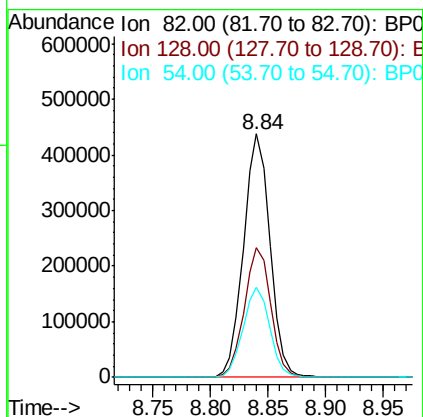
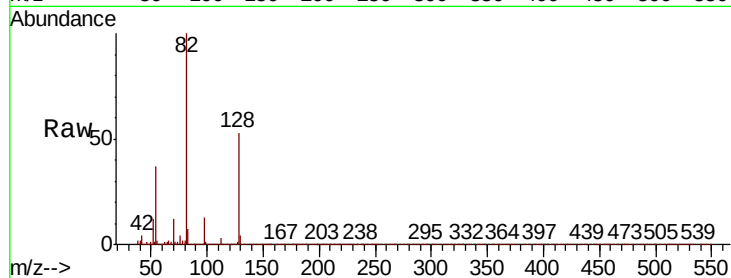




#23
Nitrobenzene-d5
Concen: 42.070 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

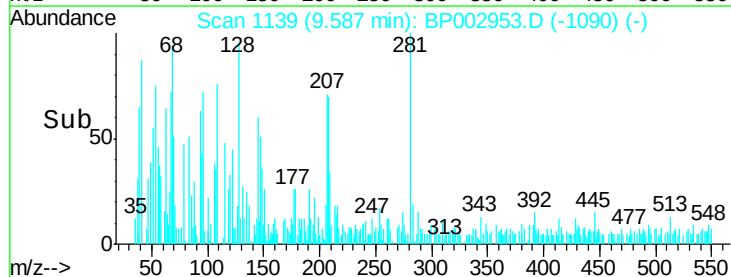
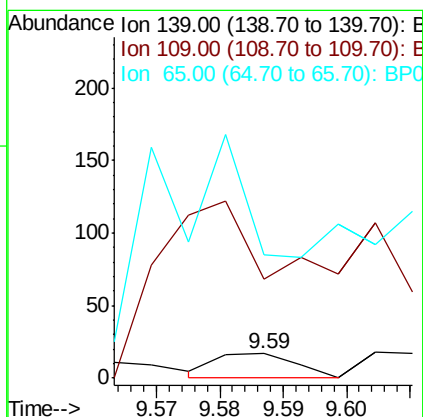
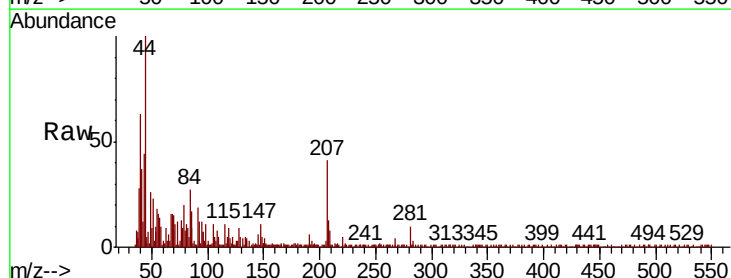
Instrument :
BNA_P
ClientSampleId :
BW-STOCK

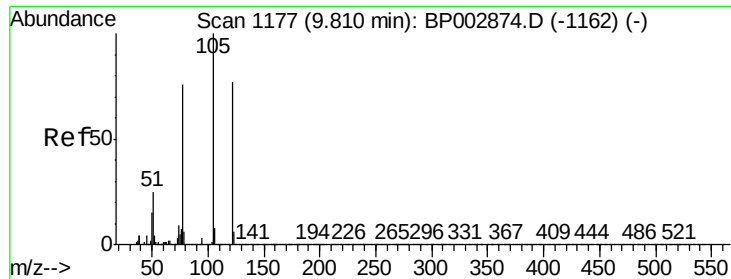
Tot Ion:	82	Resp:	697265
Ion	Ratio	Lower	Upper
82	100		
128	53.4	44.6	66.8
54	36.8	29.2	43.8



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.59 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Tgt Ion:	139	Resp:	15
Ion	Ratio	Lower	Upper
139	100		
109	400.0	19.5	29.3#
65	500.0	26.6	40.0#

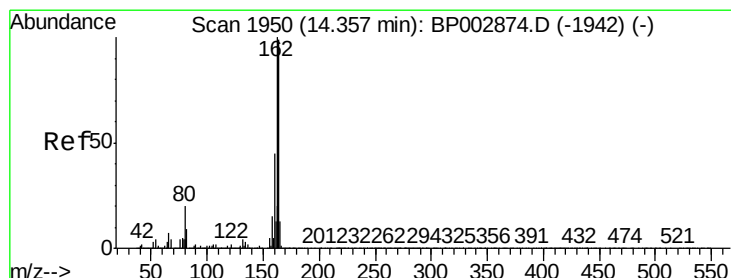
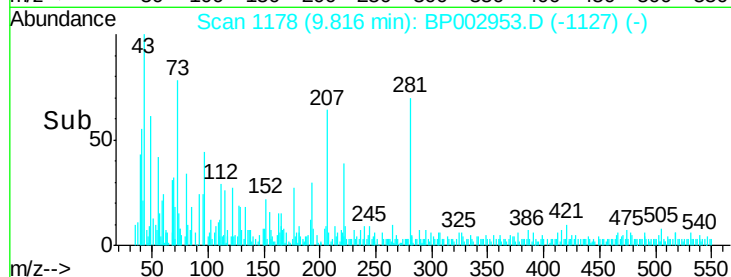
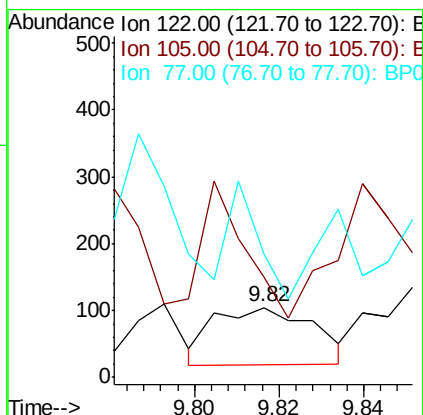
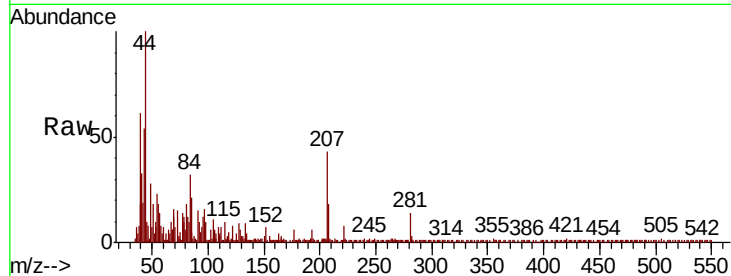




#32
Benzoic acid
Concen: 7.700 ng
RT: 9.82 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

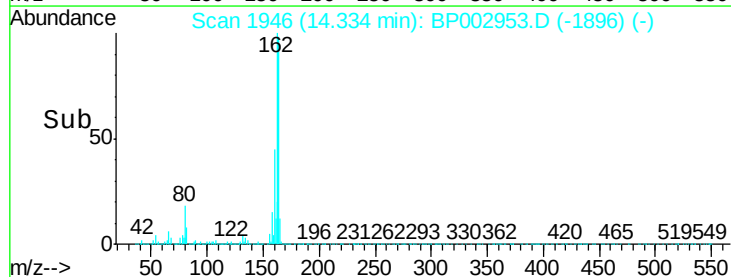
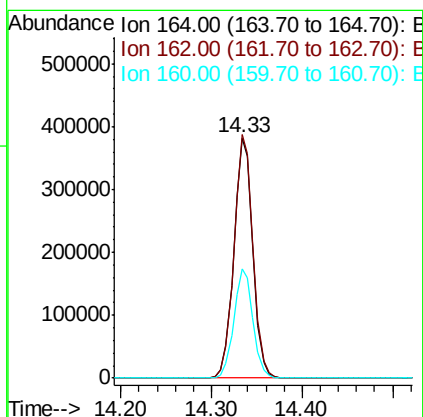
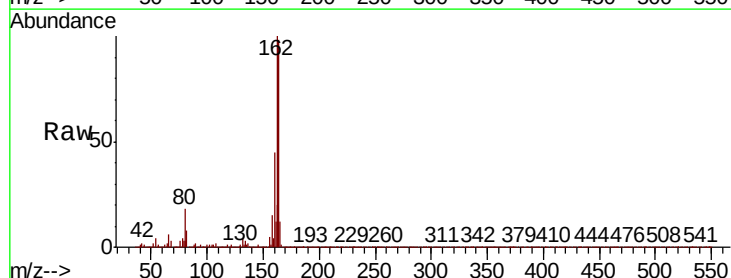
Instrument :
BNA_P
ClientSampled :
BW-STOCK

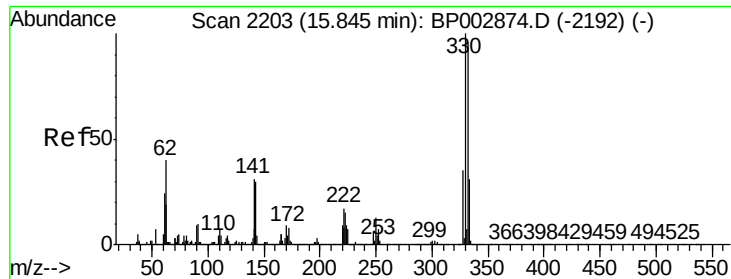
Tot Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 144.2 95.8 135.8#
77 177.9 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Tgt Ion:164 Resp: 556147
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 45.5 36.2 54.4

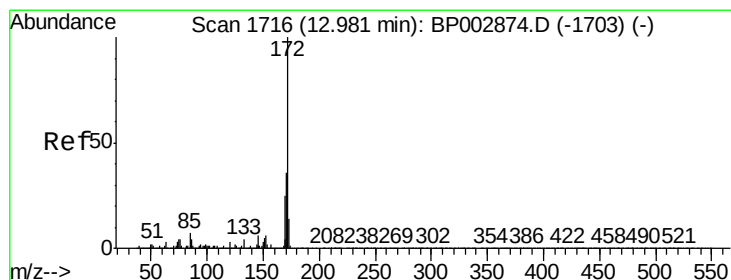
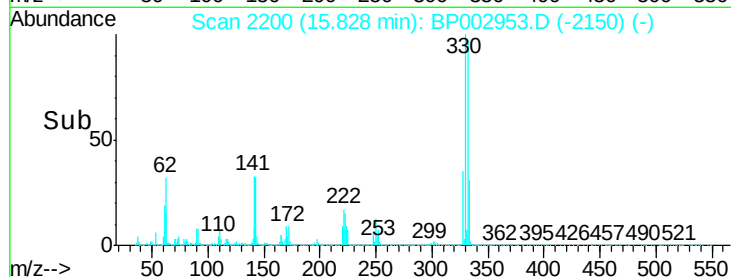
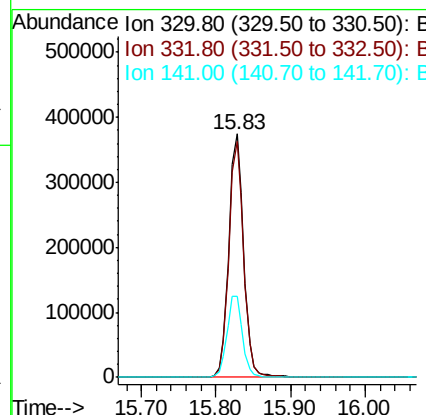
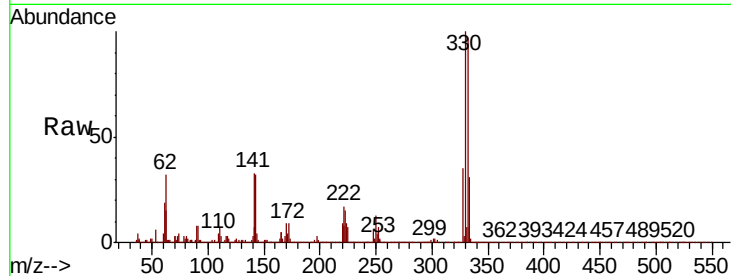




#42
 2,4,6-Tribromophenol
 Concen: 75.804 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BP002953.D
 Acq: 12 Aug 2020 17:20

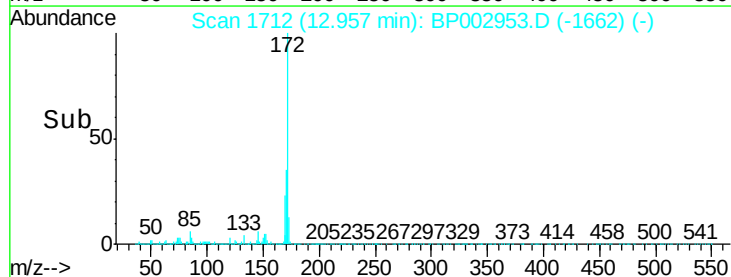
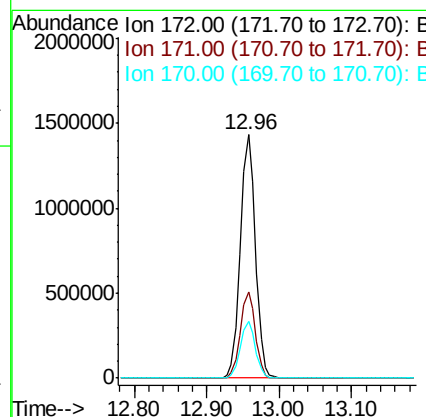
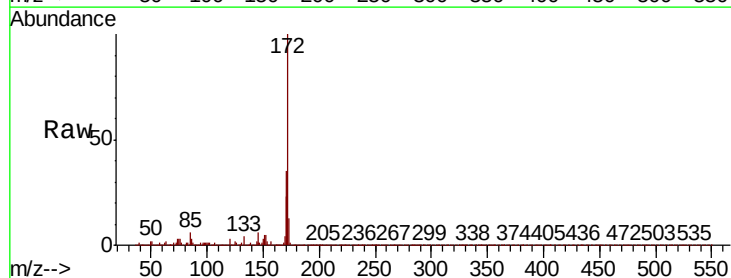
Instrument :
 BNA_P
 ClientSampleId :
 BW-STOCK

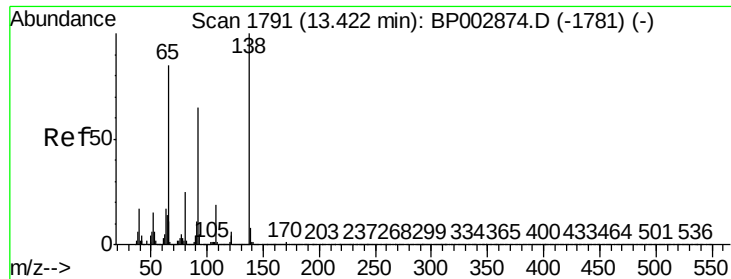
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	34.8	28.6	43.0



#45
 2-Fluorobiphenyl
 Concen: 51.001 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BP002953.D
 Acq: 12 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.1	19.6	29.4





#48

2-Nitroaniline

Concen: 3.977 ng

RT: 13.40 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

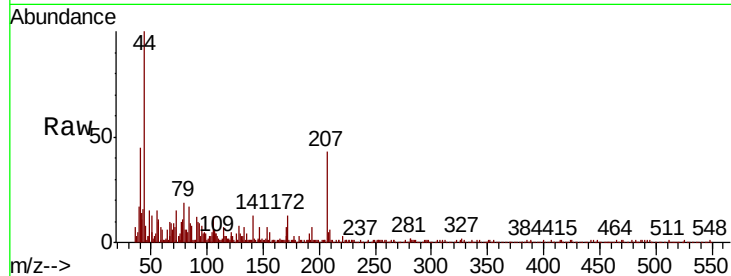
Tot Ion: 65 Resp: 51

Ion Ratio Lower Upper

65 100

92 140.3 69.6 104.4#

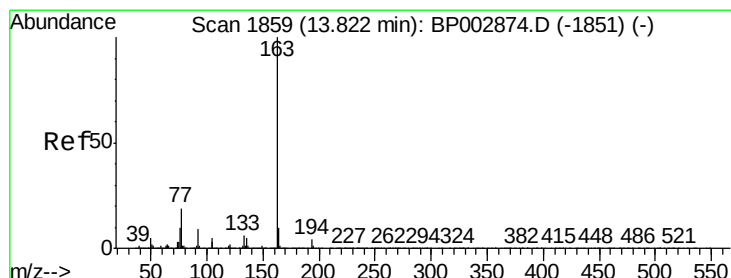
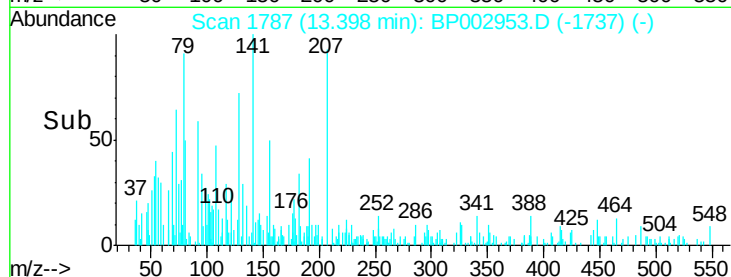
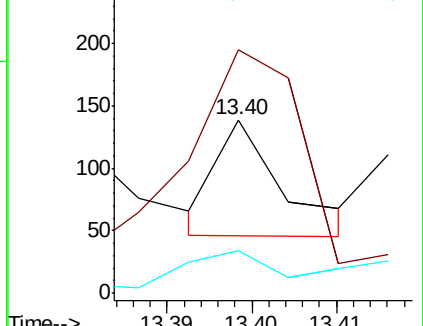
138 24.5 125.6 188.4#



Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#50

Dimethylphthalate

Concen: 5.546 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

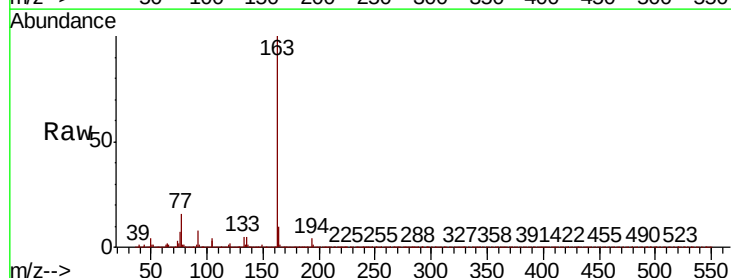
Tgt Ion: 163 Resp: 241261

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

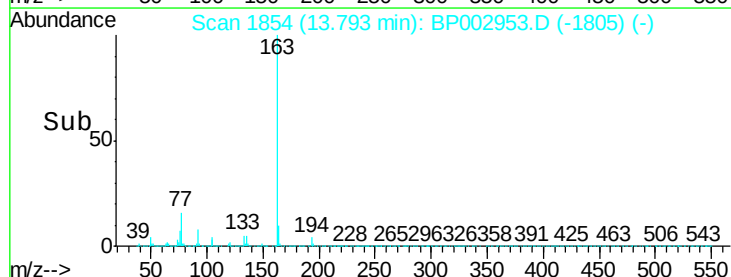
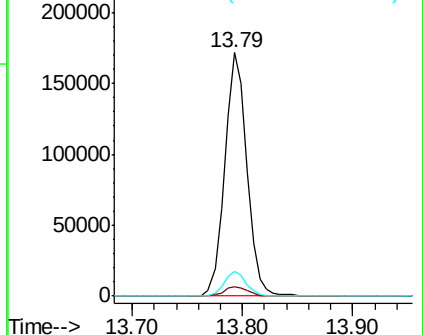
164 10.4 8.2 12.4

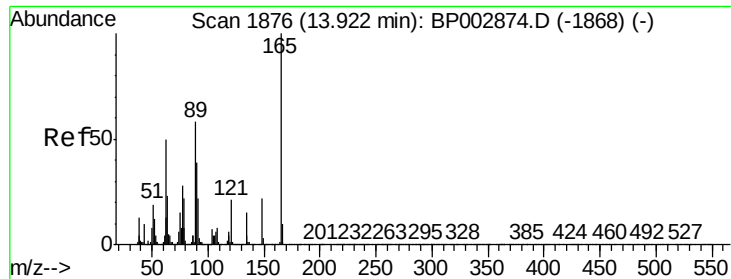


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 2.914 ng

RT: 13.92 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Instrument :

BNA_P

ClientSampled :

BW-STOCK

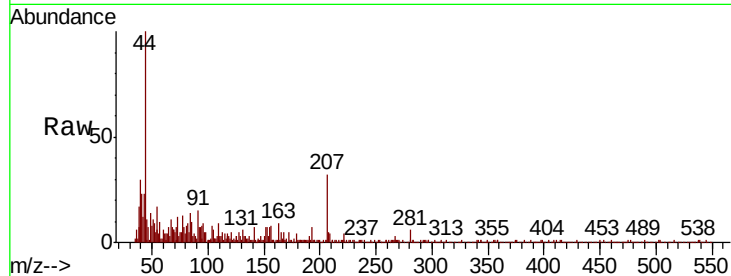
Tot Ion:165 Resp: 152

Ion Ratio Lower Upper

165 100

63 71.7 27.5 41.3#

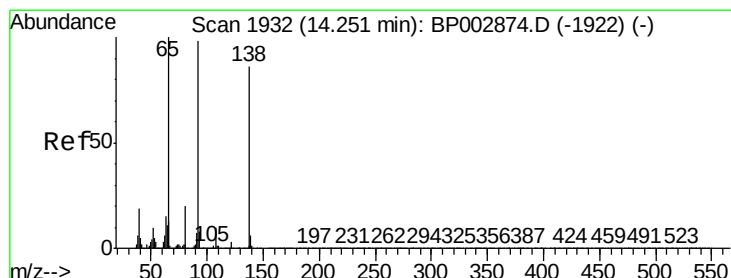
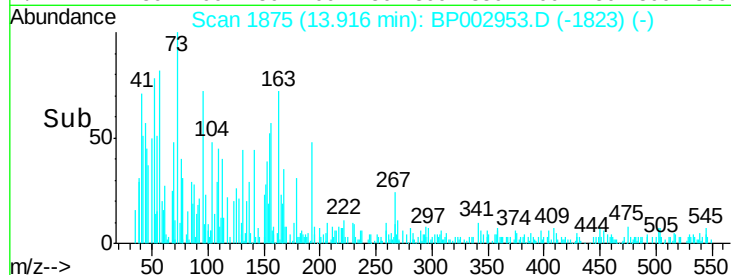
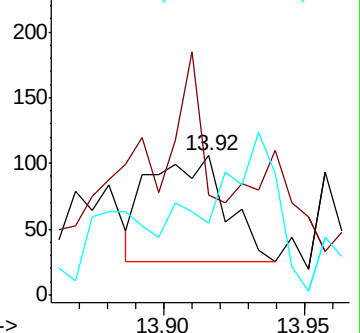
89 50.9 35.3 52.9



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: 3.280 ng

RT: 14.24 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

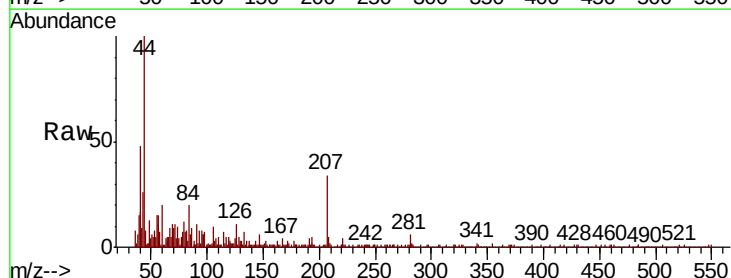
Tgt Ion:138 Resp: 77

Ion Ratio Lower Upper

138 100

108 122.3 7.2 10.8#

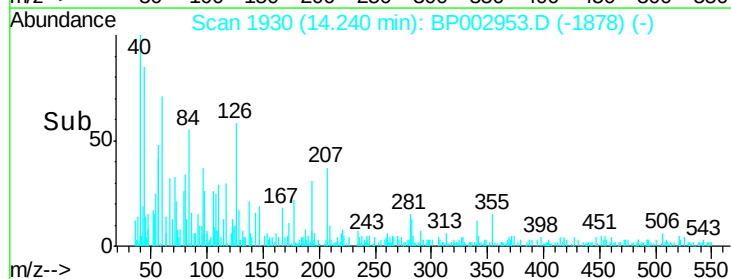
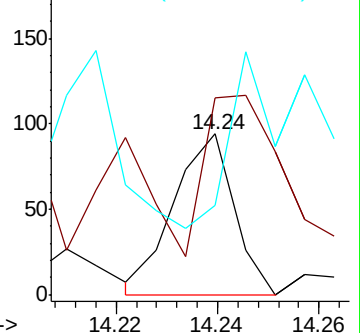
92 55.3 75.8 113.6#

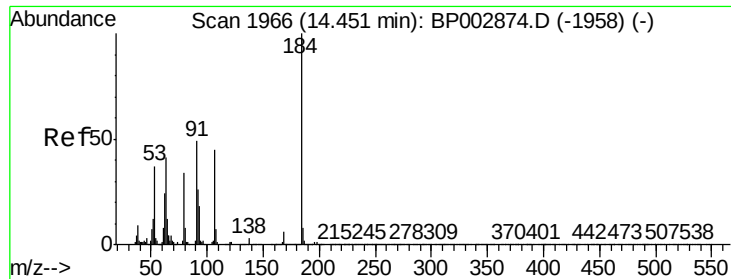


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

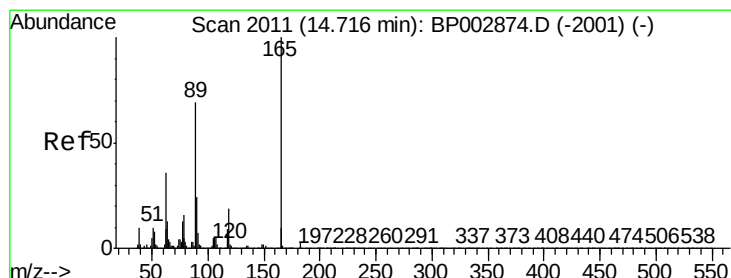
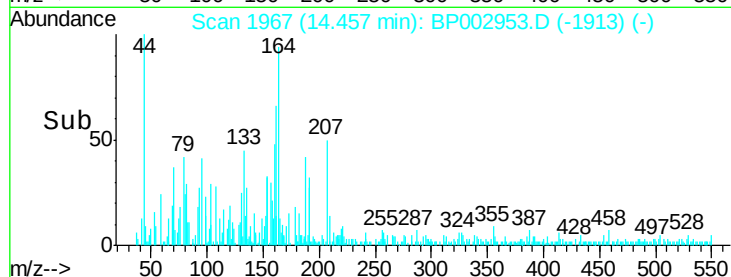
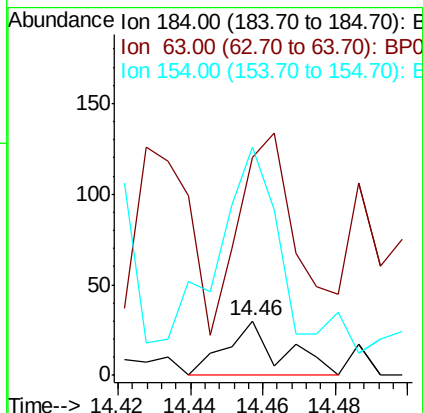
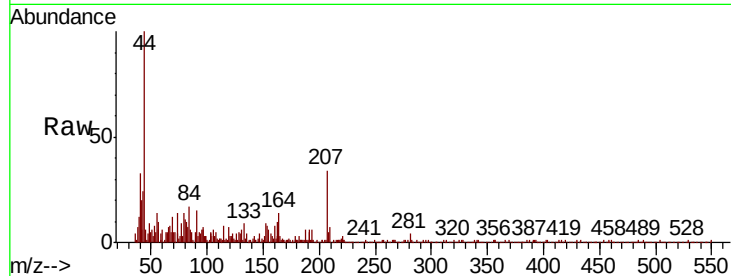




#54
2,4-Dinitrophenol
Concen: 8.064 ng
RT: 14.46 min Scan# 1967
Delta R.T. 0.02 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

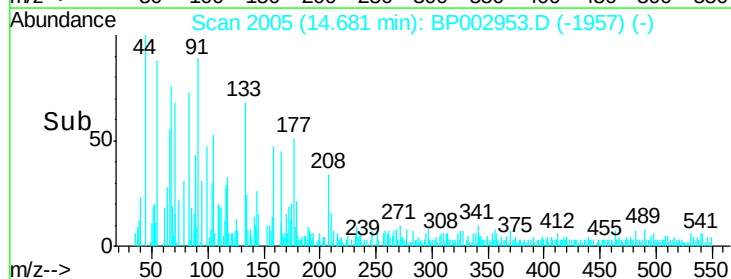
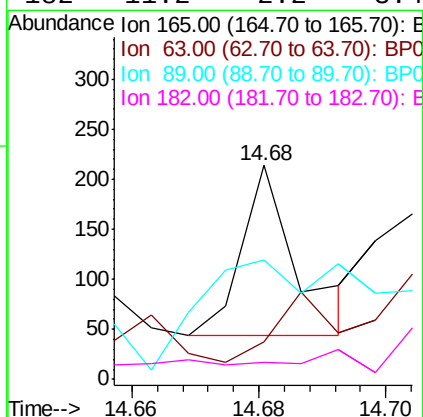
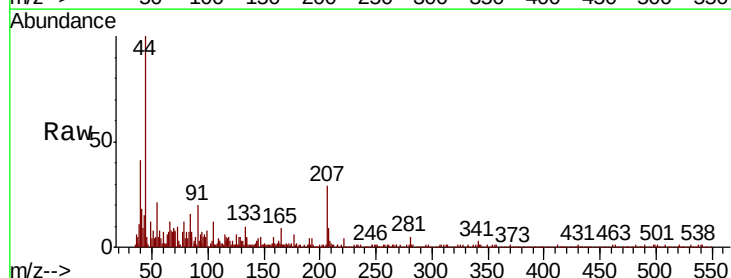
Instrument :
BNA_P
ClientSampleId :
BW-STOCK

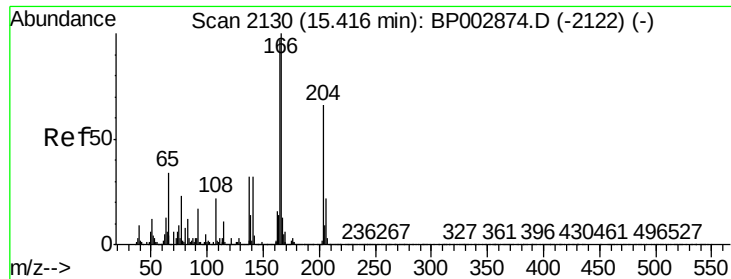
Tot Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 400.0 36.4 54.6#
154 420.0 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.813 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Tgt Ion:165 Resp: 104
Ion Ratio Lower Upper
165 100
63 17.3 22.6 34.0#
89 55.6 46.2 69.2
182 11.2 2.2 3.4#

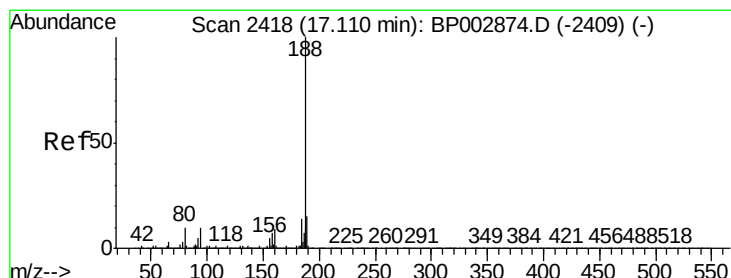
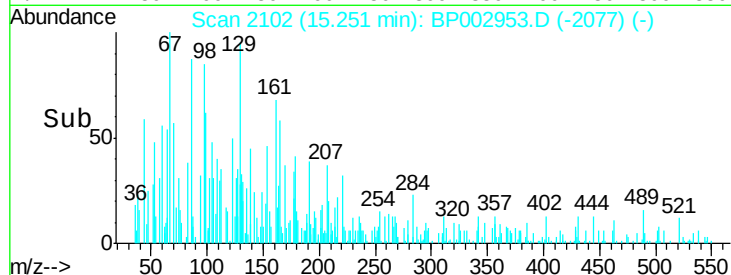
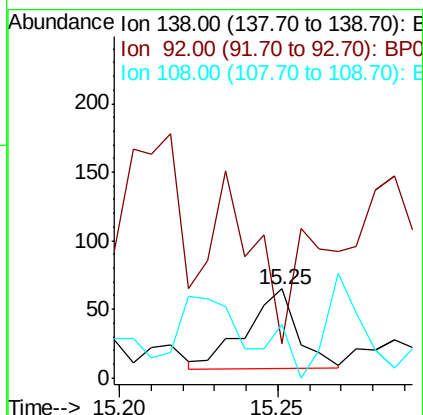
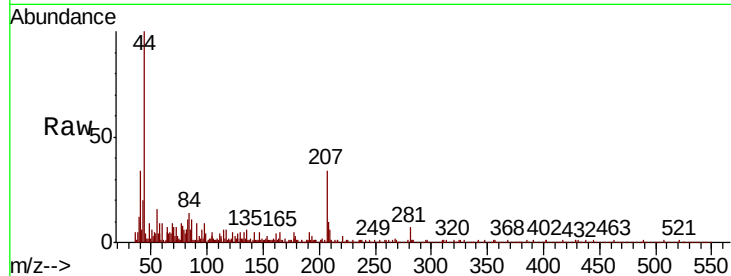




#62
4-Nitroaniline
Concen: 2.422 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.15 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

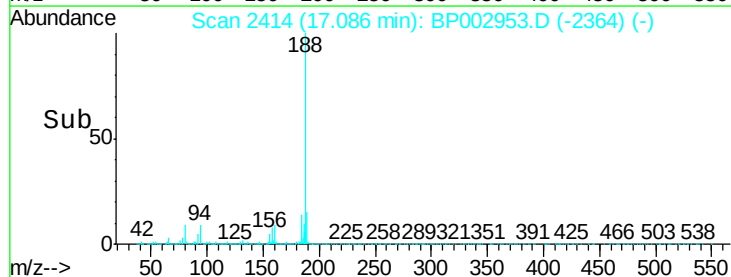
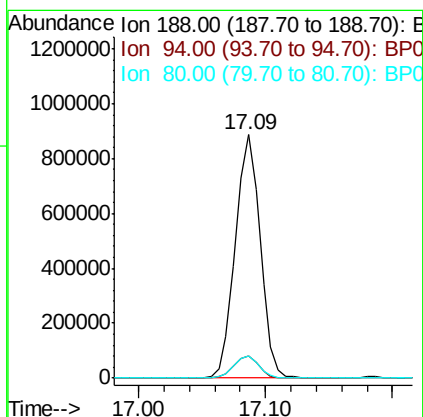
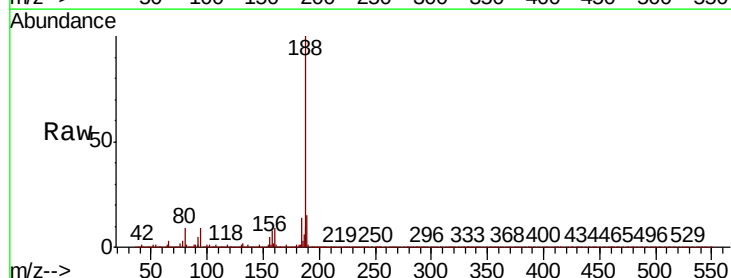
Instrument :
BNA_P
ClientSampleId :
BW-STOCK

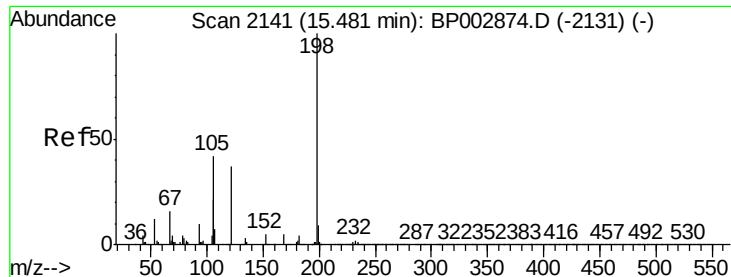
Tot Ion:138 Resp: 66
Ion Ratio Lower Upper
138 100
92 38.5 21.2 61.2
108 60.0 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Tgt Ion:188 Resp: 1204396
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 8.9 7.0 10.6

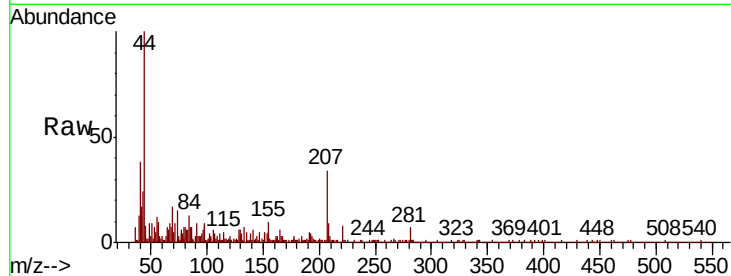




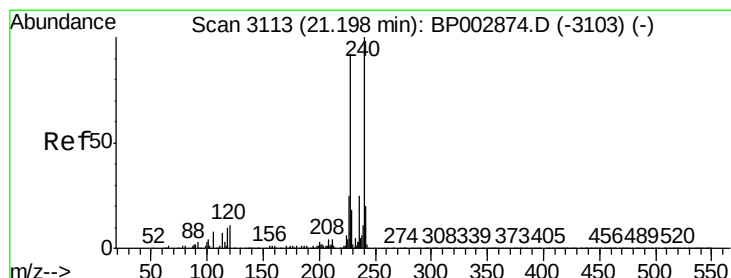
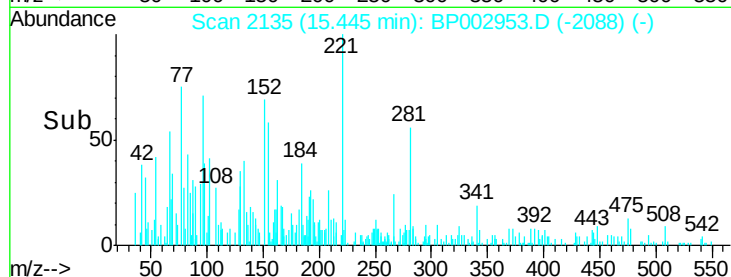
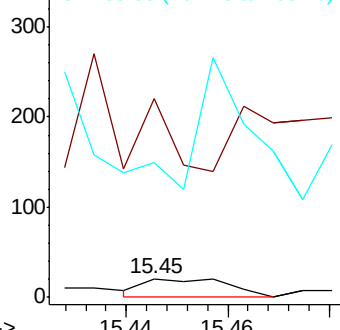
#65
4,6-Dinitro-2-methylphenol
Concen: 6.904 ng
RT: 15.45 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Instrument :
BNA_P
ClientSampleId :
BW-STOCK

Tot Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 1047.6 6.5 46.5#
105 709.5 20.4 60.4#

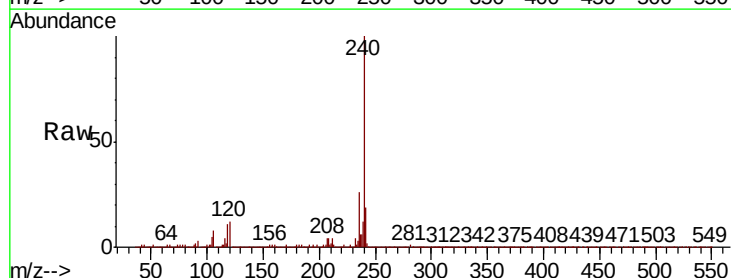


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

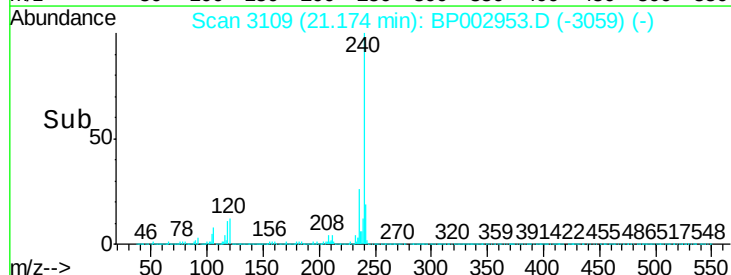
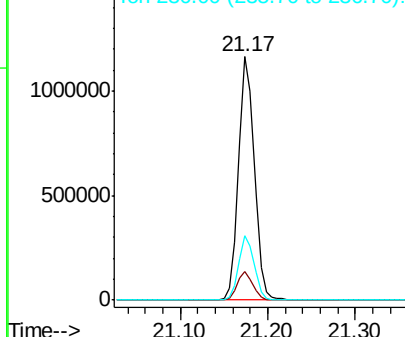


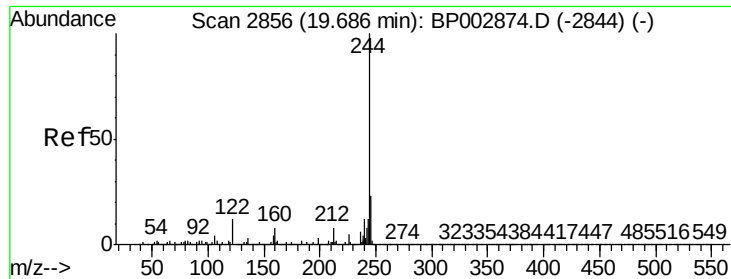
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Tgt Ion:240 Resp: 1413329
Ion Ratio Lower Upper
240 100
120 11.7 10.6 16.0
236 26.4 20.7 31.1



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: 45.637 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

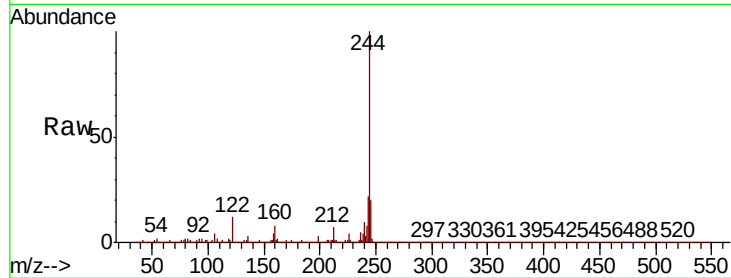
Tot Ion:244 Resp: 3221850

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

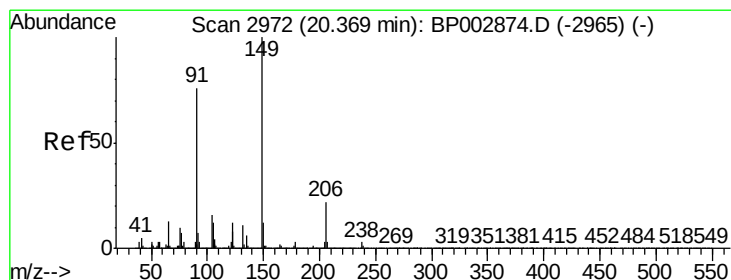
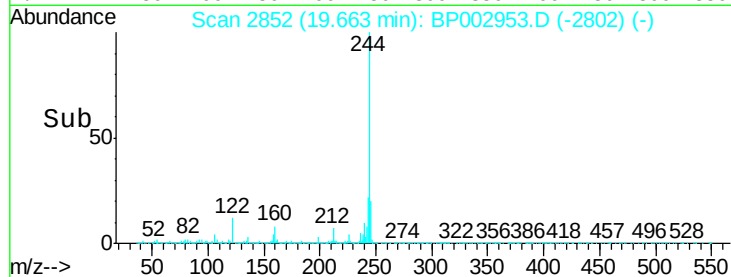
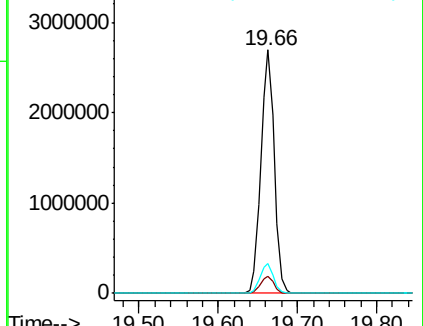
122 12.0 9.9 14.9



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: 3.093 ng

RT: 20.35 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BP002953.D

Acq: 12 Aug 2020 17:20

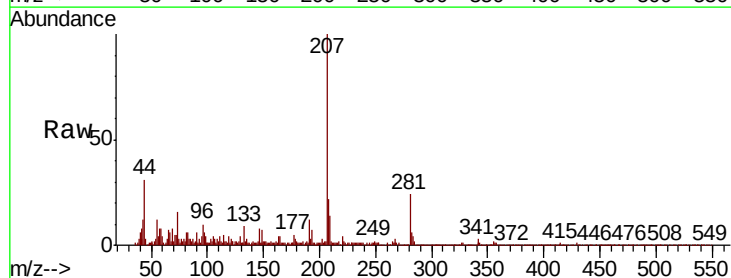
Tgt Ion:149 Resp: 1495

Ion Ratio Lower Upper

149 100

91 90.3 46.5 69.7#

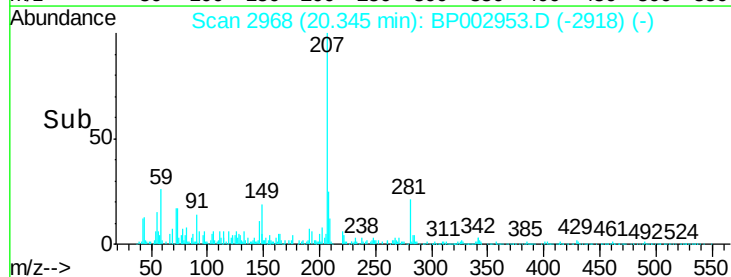
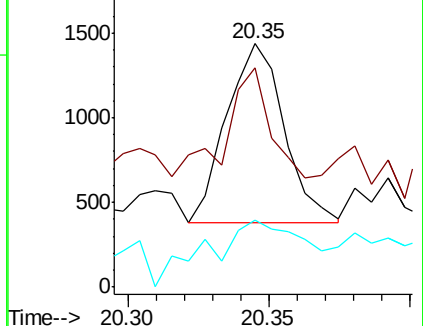
206 27.6 17.2 25.8#

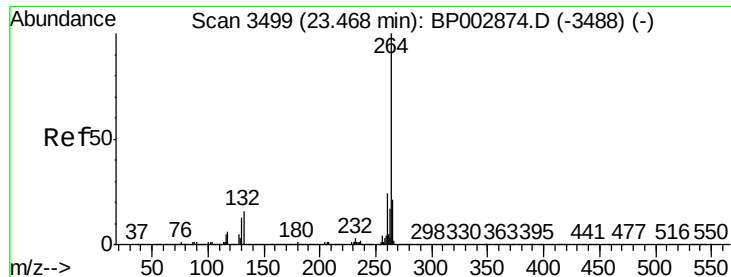


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3492
Delta R.T. -0.01 min
Lab File: BP002953.D
Acq: 12 Aug 2020 17:20

Instrument :
BNA_P
ClientSampleId :
BW-STOCK

Tot Ion:264 Resp: 1708226

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	17.6	26.4

