

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002981.D
 Acq On : 14 Aug 2020 12:56
 Operator : CG/JU
 Sample : L3648-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-2

Quant Time: Aug 14 14:41:06 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	387222	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1493434	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	805390	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1590311	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1533672	20.00	ng	0.00
86) Perylene-d12	23.42	264	1643912	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1534662	60.66	ng	0.00
7) Phenol-d6	6.86	99	1203293	34.26	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1711709	62.08	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	995431	99.44	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4299344	72.94	ng	-0.01
79) Terphenyl-d14	19.66	244	5045585	65.86	ng	-0.01

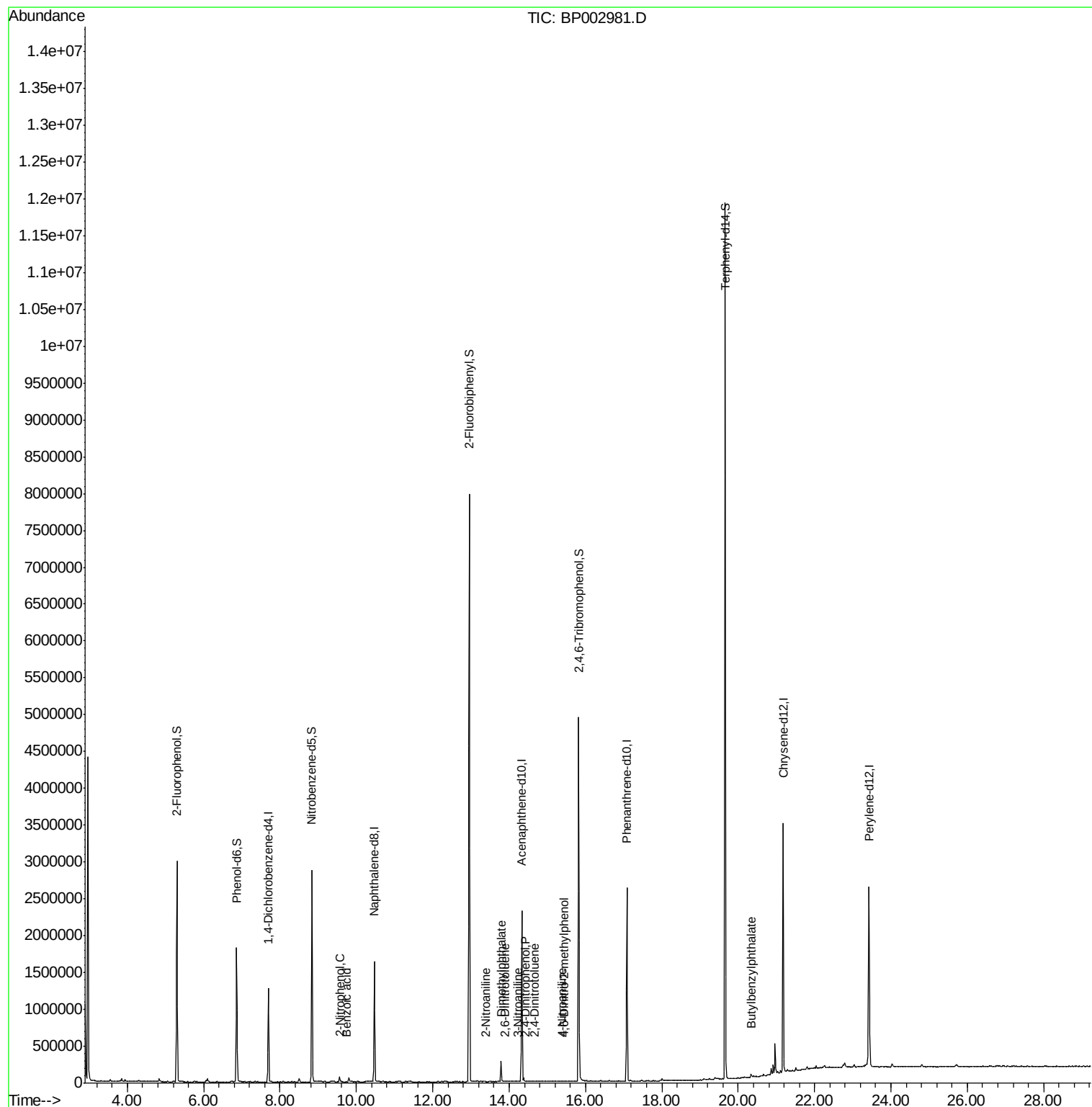
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.58	139	43	4.524	ng	# 1
32) Benzoic acid	9.75	122	513	7.717	ng	# 84
48) 2-Nitroaniline	13.39	65	40	3.974	ng	# 27
50) Dimethylphthalate	13.79	163	199549	3.168	ng	# 98
51) 2,6-Dinitrotoluene	13.88	165	746	2.949	ng	# 52
53) 3-Nitroaniline	14.24	138	113	3.281	ng	# 60
54) 2,4-Dinitrophenol	14.44	184	7	8.058	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	175	3.814	ng	# 56
62) 4-Nitroaniline	15.38	138	114	2.423	ng	# 67
65) 4,6-Dinitro-2-methylphenol	15.44	198	37	6.904	ng	# 1
80) Butylbenzylphthalate	20.34	149	6062	3.188	ng	# 92

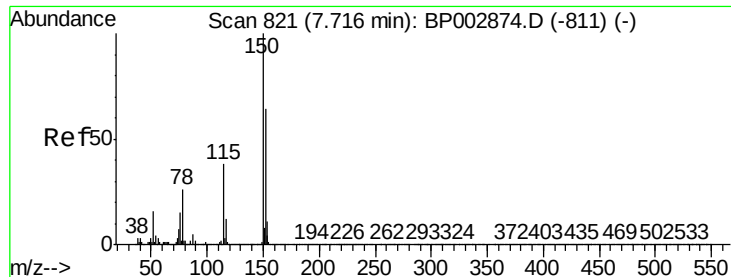
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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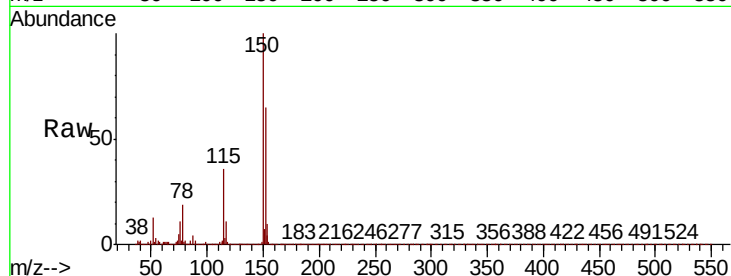


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.2	186.4
115	54.5	42.1	63.1

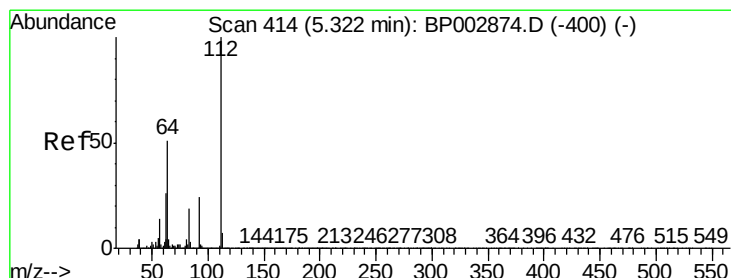
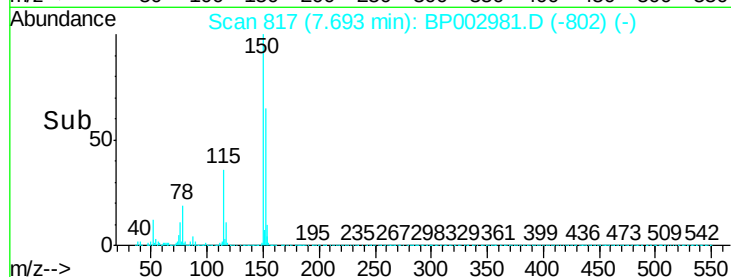
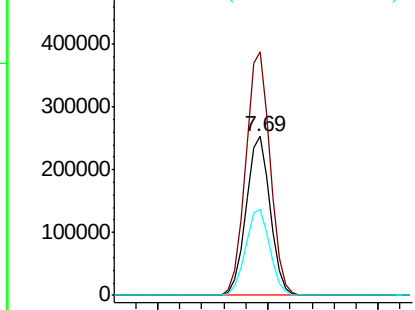


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

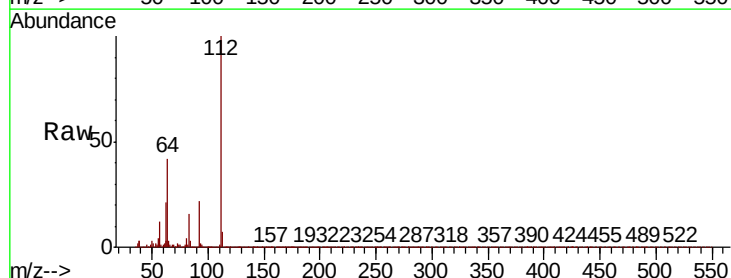
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.658 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.9	33.8	50.8
63	21.4	17.2	25.8

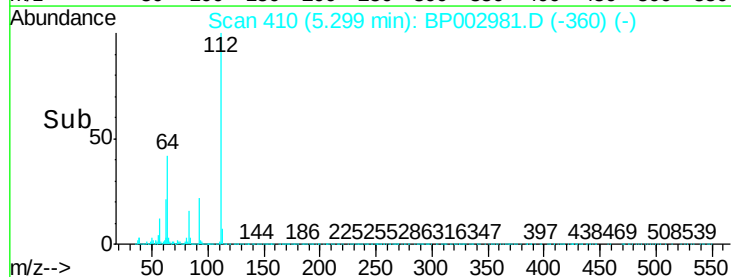
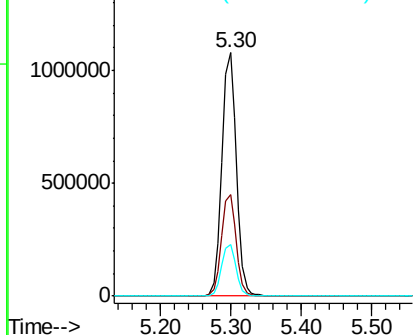


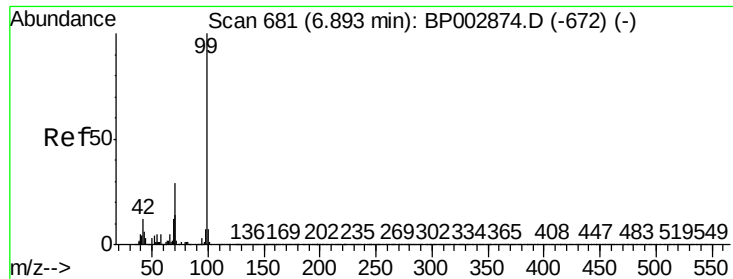
Abundance

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: 34.256 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

Instrument :

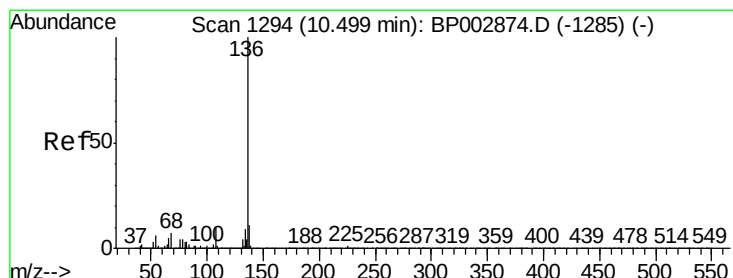
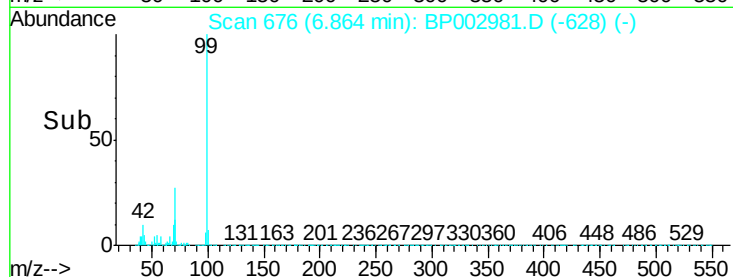
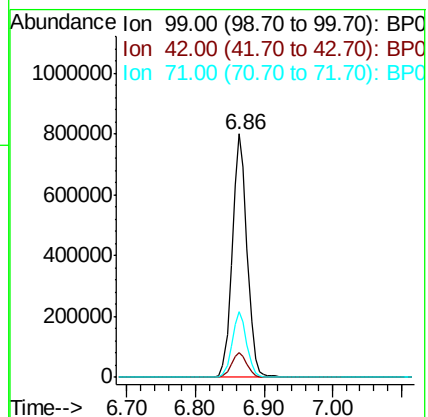
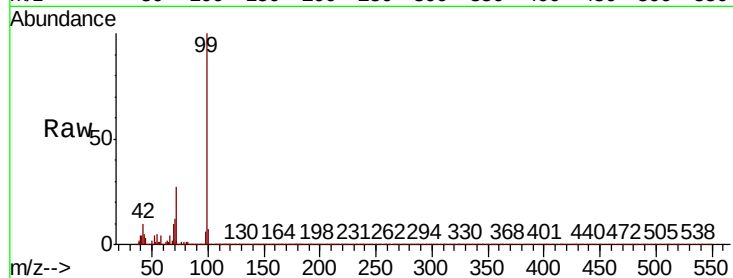
BNA_P

ClientSampleId :

BS-STOCK-2

Tot Ion: 99 Resp: 1203293

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.1	12.1
71	27.0	21.0	31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

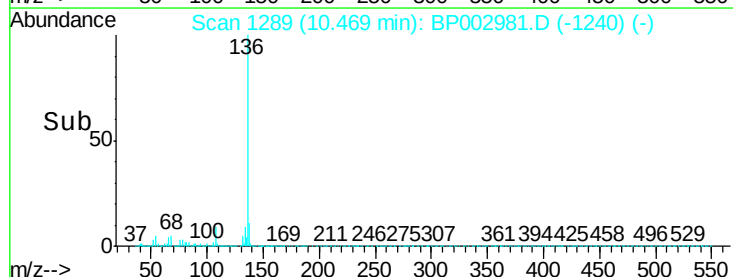
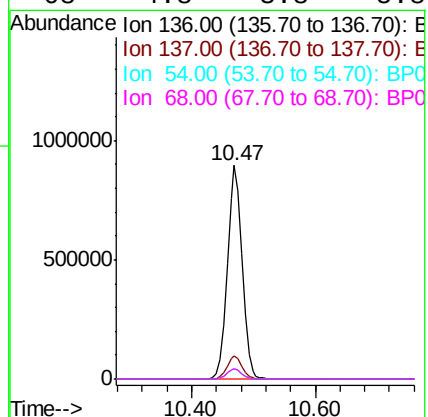
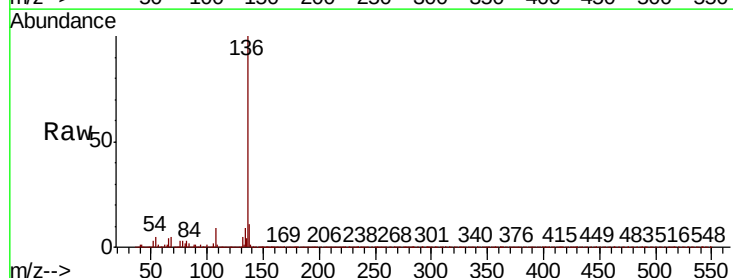
Delta R.T. -0.01 min

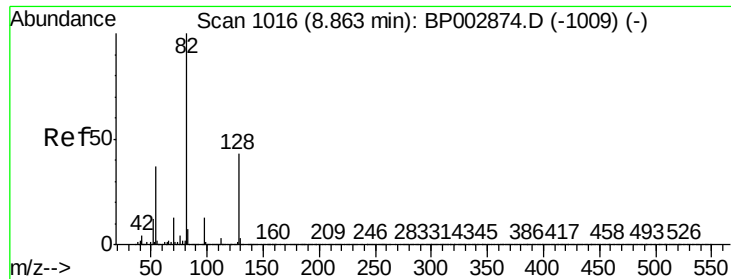
Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

Tgt Ion: 136 Resp: 1493434

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	4.9	3.9	5.9
68	4.8	3.8	5.8

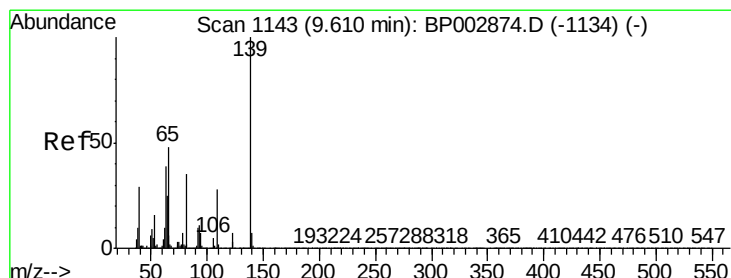
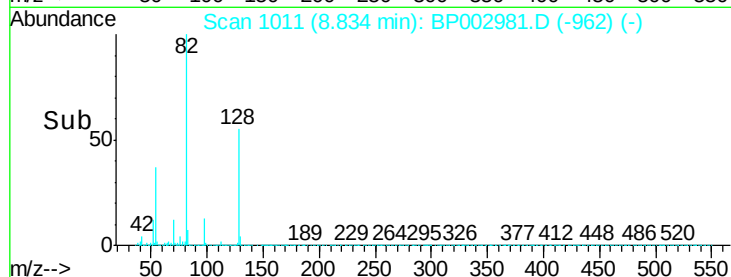
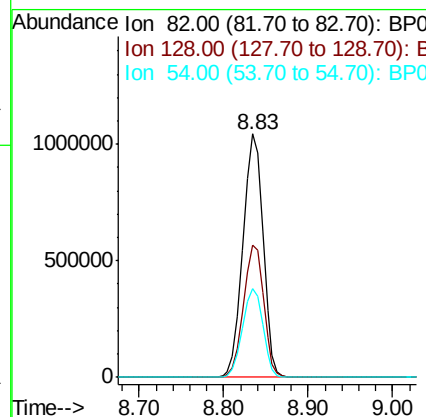
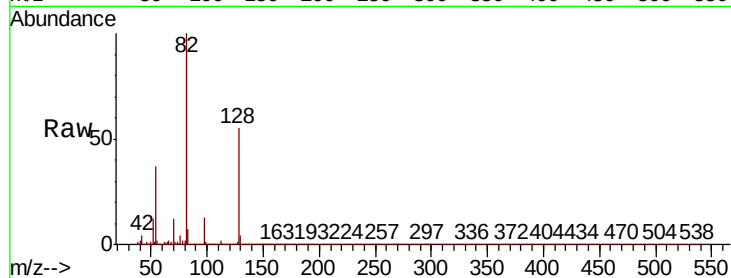




#23
Nitrobenzene-d5
Concen: 62.079 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

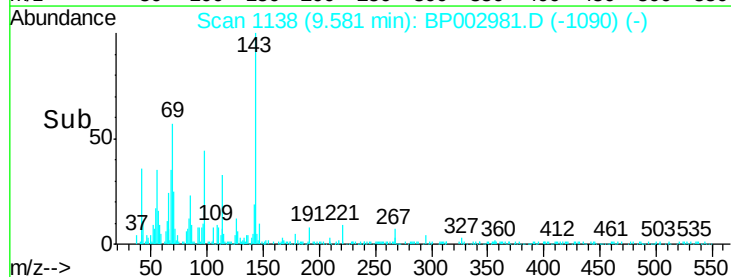
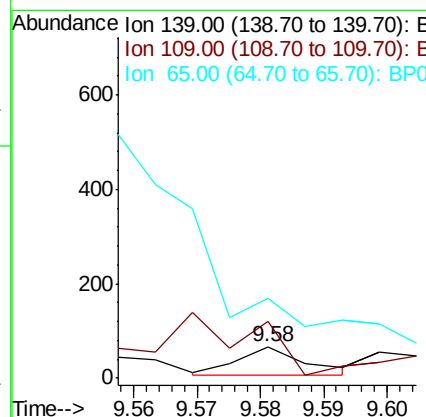
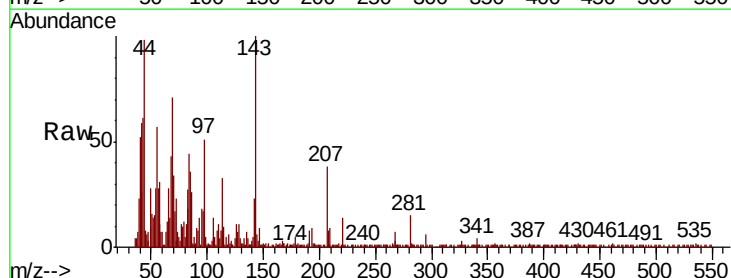
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

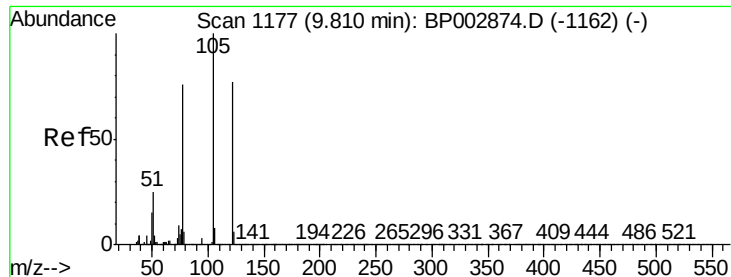
Tot Ion: 82 Resp: 1711709
Ion Ratio Lower Upper
82 100
128 54.6 44.6 66.8
54 36.7 29.2 43.8



#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Tgt Ion:139 Resp: 43
Ion Ratio Lower Upper
139 100
109 180.6 19.5 29.3#
65 250.7 26.6 40.0#

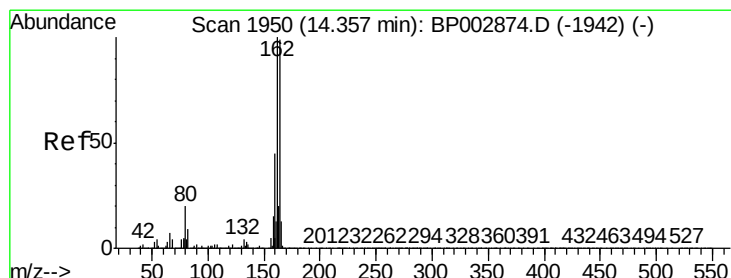
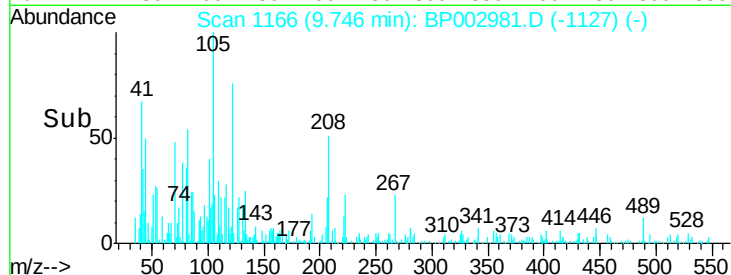
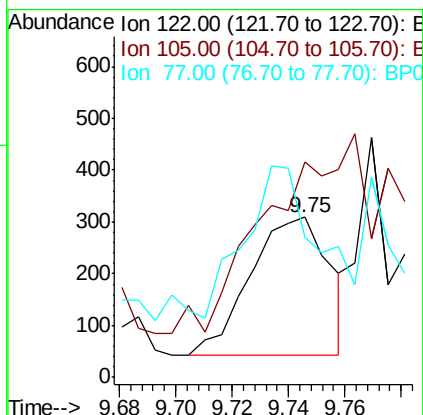
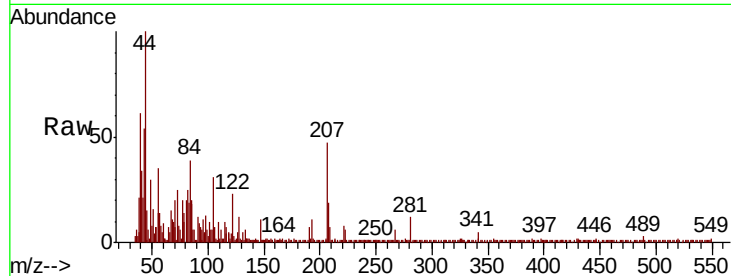




#32
Benzoic acid
Concen: 7.717 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.07 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

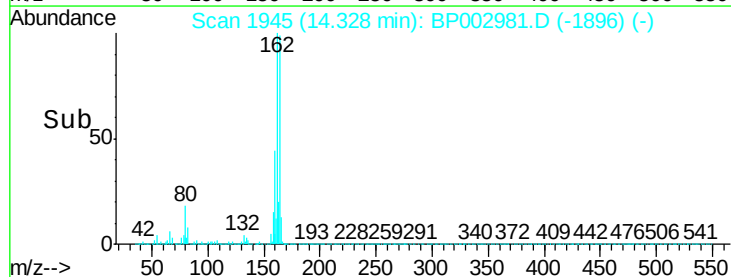
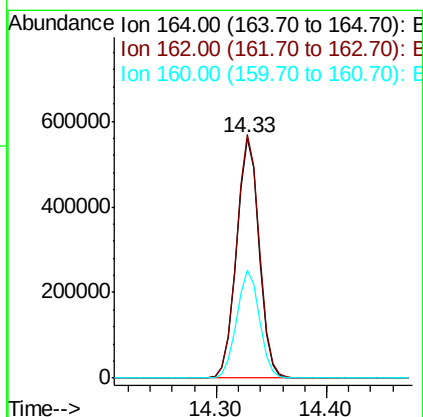
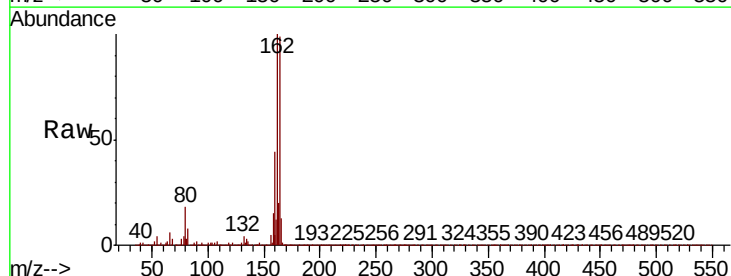
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

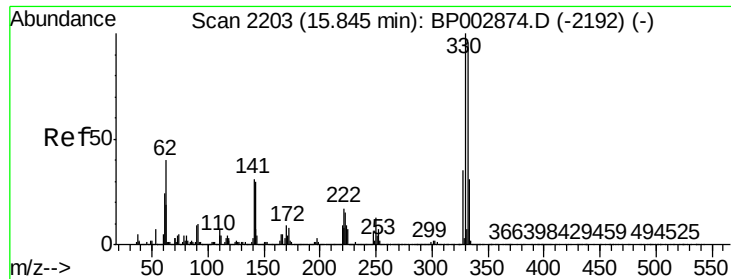
Tot Ion	Ratio	Lower	Upper
122	100		
105	134.6	95.8	135.8
77	87.1	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.4
160	44.8	36.2	54.4

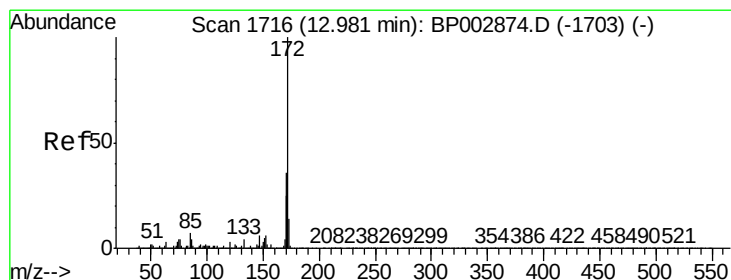
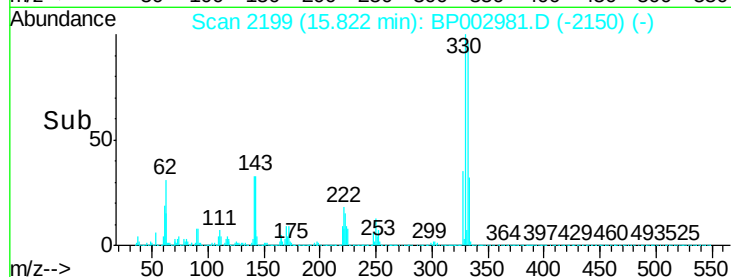
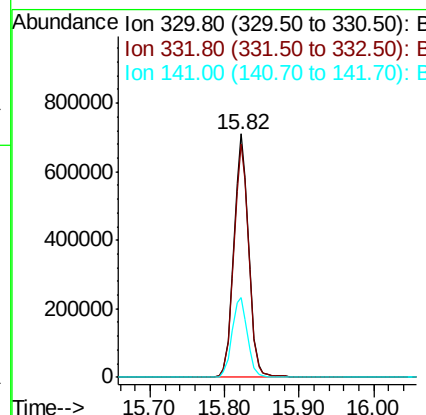
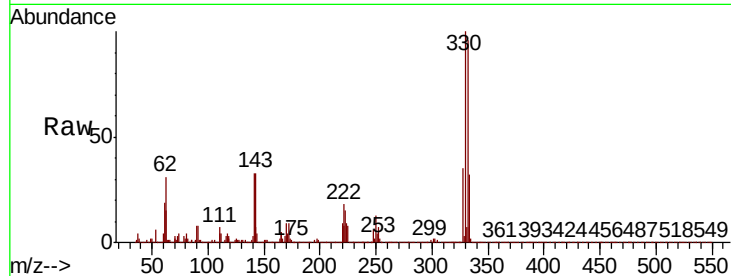




#42
 2,4,6-Tribromophenol
 Concen: 99.443 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002981.D
 Acq: 14 Aug 2020 12:56

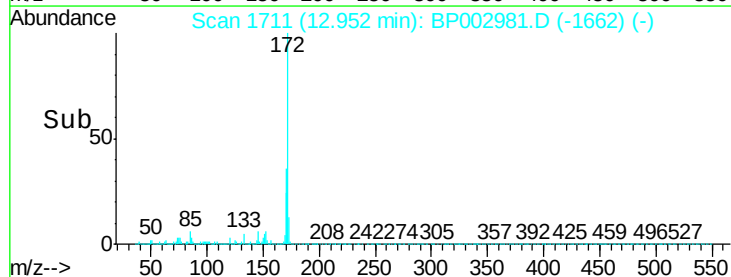
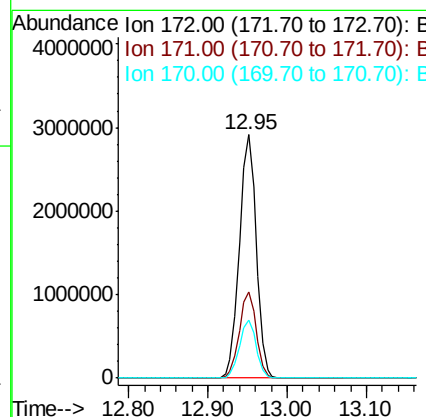
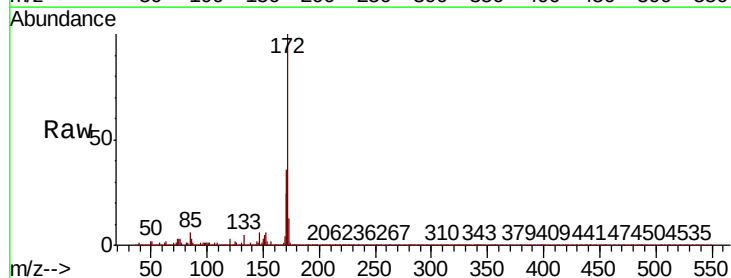
Instrument :
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 BS-STOCK-2

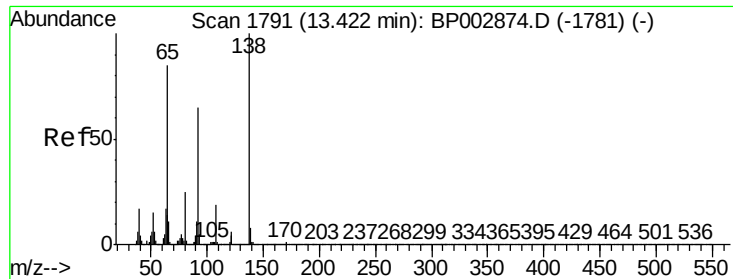
Tot Ion:330 Resp: 995431
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.4
 141 34.1 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 72.936 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002981.D
 Acq: 14 Aug 2020 12:56

Tgt Ion:172 Resp: 4299344
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.7 19.6 29.4

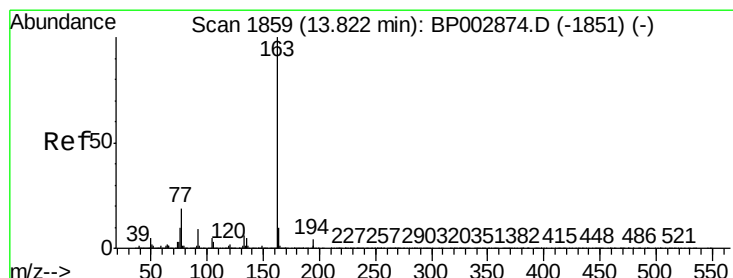
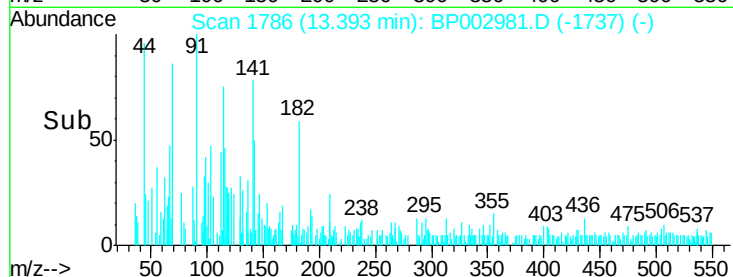
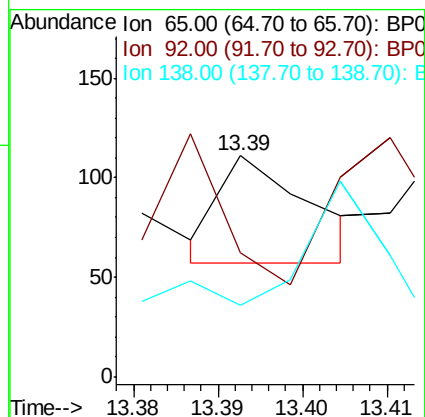
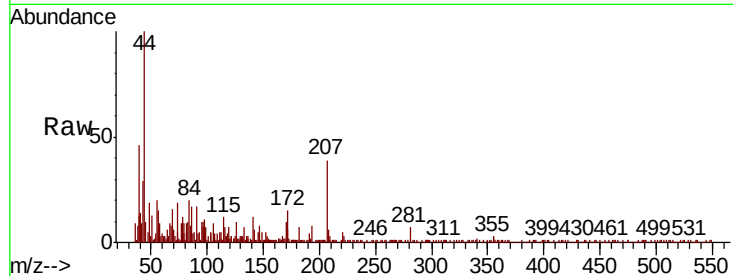




#48
2-Nitroaniline
Concen: 3.974 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

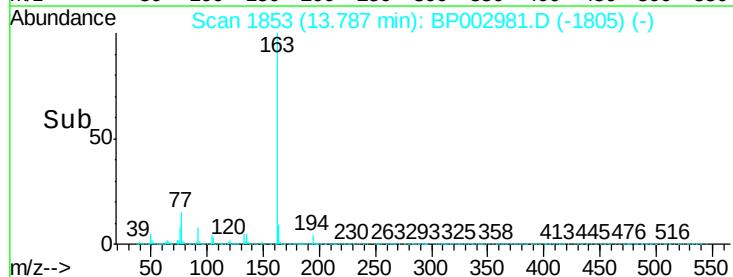
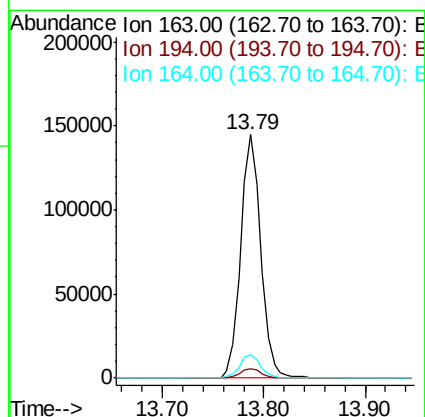
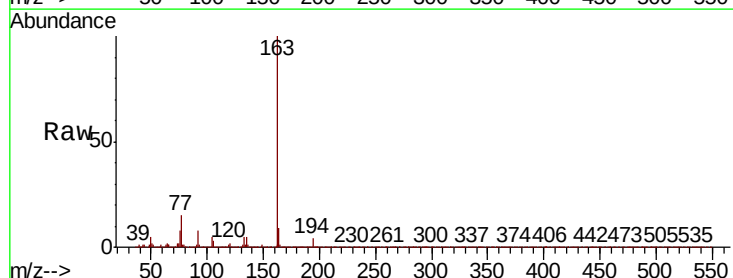
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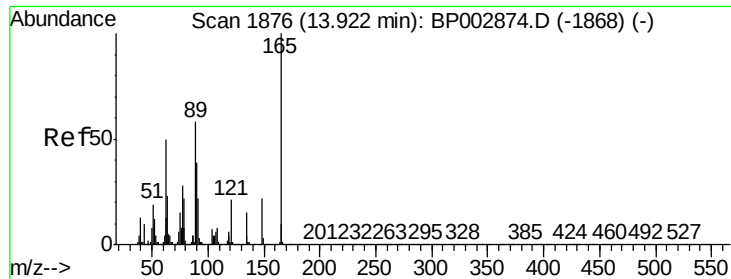
Tot Ion: 65 Resp: 40
Ion Ratio Lower Upper
65 100
92 55.9 69.6 104.4#
138 32.4 125.6 188.4#



#50
Dimethylphthalate
Concen: 3.168 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Tgt Ion: 163 Resp: 199549
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.5 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.949 ng

RT: 13.88 min Scan# 1869

Delta R.T. -0.03 min

Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

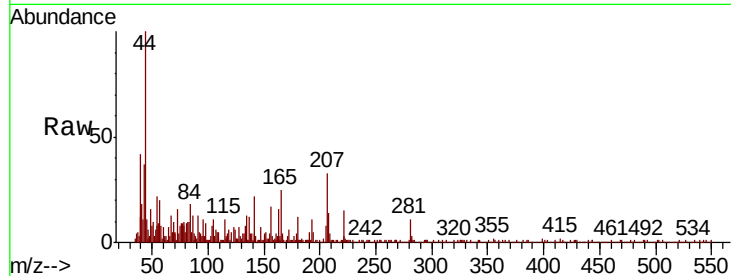
Tot Ion:165 Resp: 746

Ion Ratio Lower Upper

165 100

63 10.4 27.5 41.3#

89 10.2 35.3 52.9#

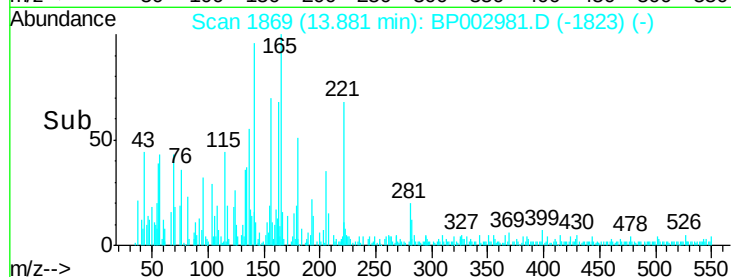


Abundance Ion 165.00 (164.70 to 165.70): E

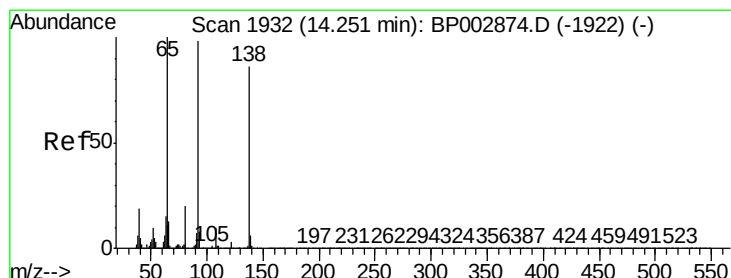
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Time-->



Time-->



#53

3-Nitroaniline

Concen: 3.281 ng

RT: 14.24 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

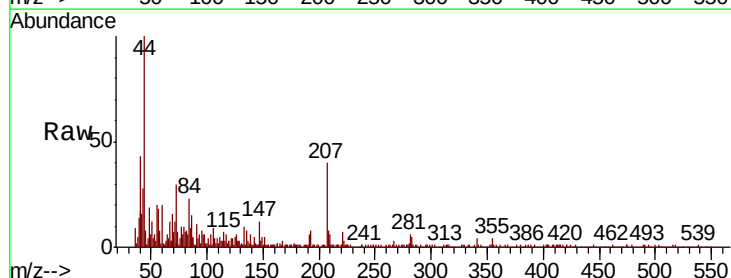
Tgt Ion:138 Resp: 113

Ion Ratio Lower Upper

138 100

108 26.9 7.2 10.8#

92 57.1 75.8 113.6#

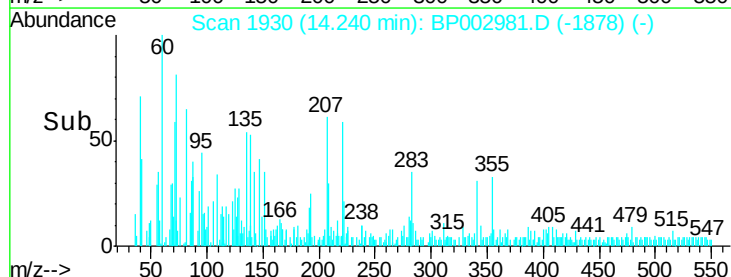


Abundance Ion 138.00 (137.70 to 138.70): E

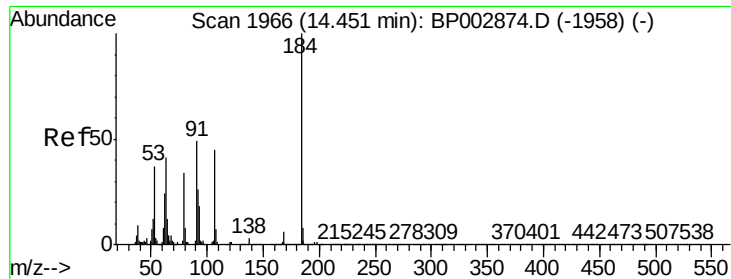
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

Time-->



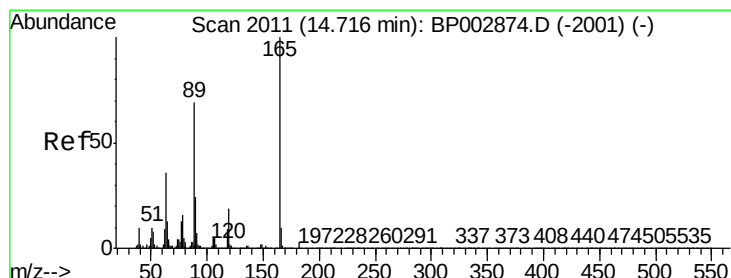
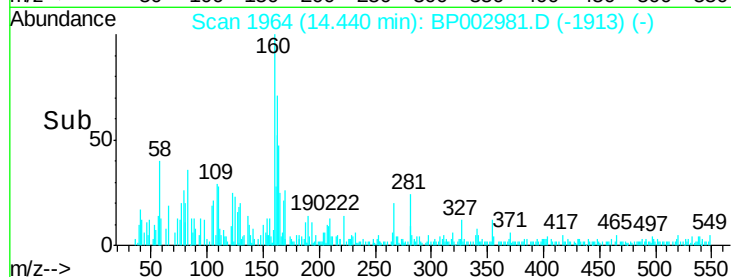
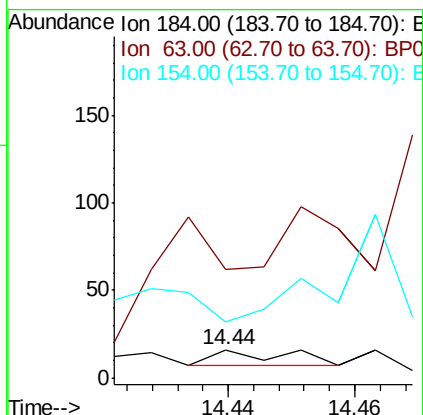
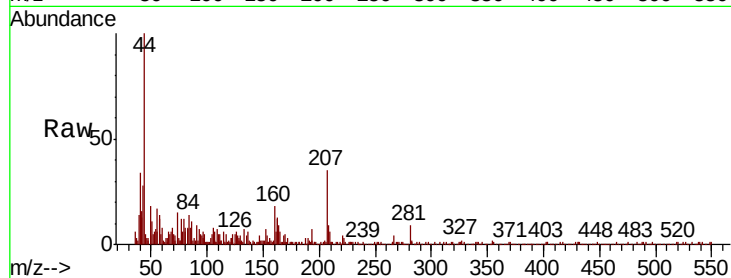
Time-->



#54
2,4-Dinitrophenol
Concen: 8.058 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

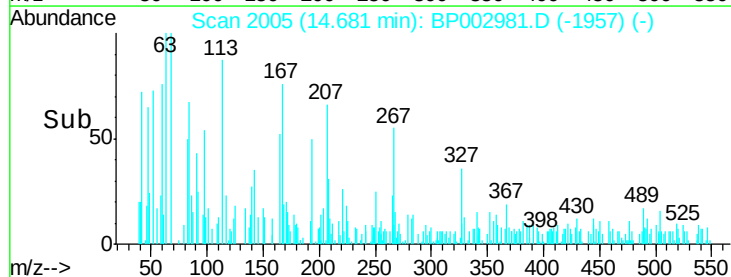
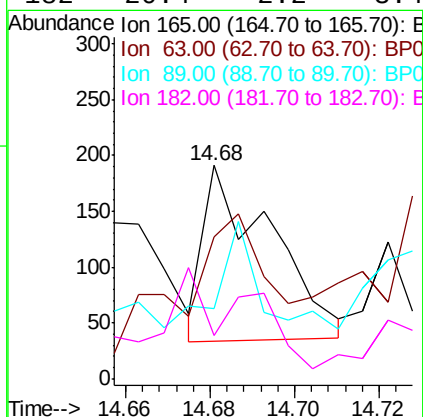
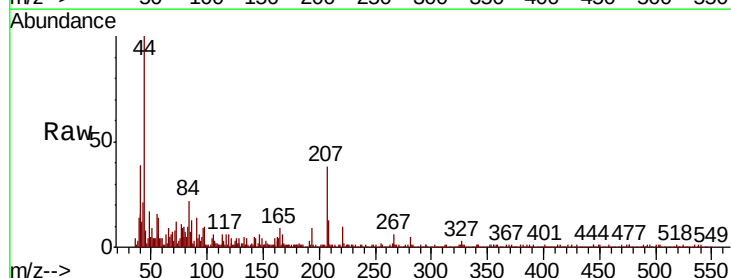
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

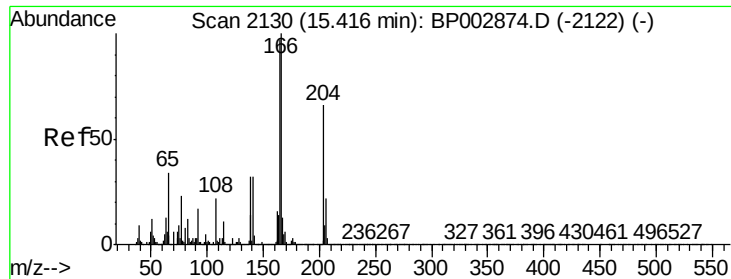
Tot Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 387.5 36.4 54.6#
154 200.0 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.814 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Tgt Ion:165 Resp: 175
Ion Ratio Lower Upper
165 100
63 66.5 22.6 34.0#
89 35.6 46.2 69.2#
182 20.4 2.2 3.4#

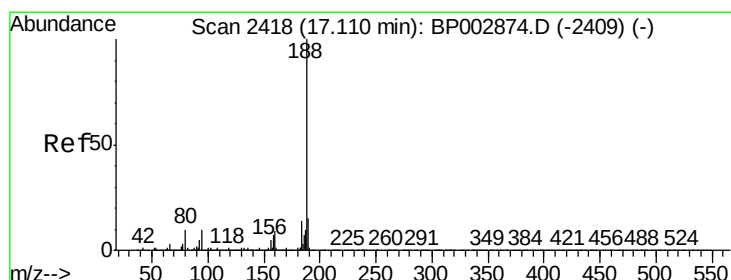
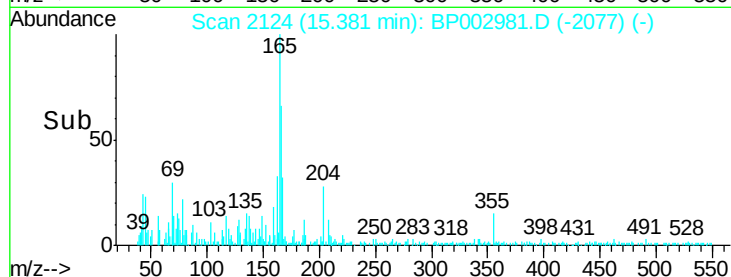
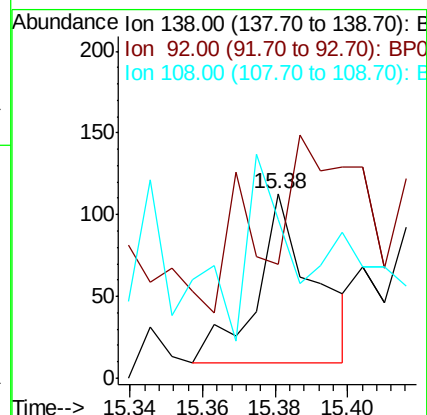
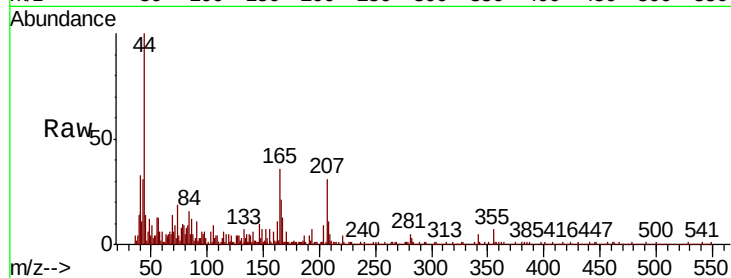




#62
4-Nitroaniline
Concen: 2.423 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

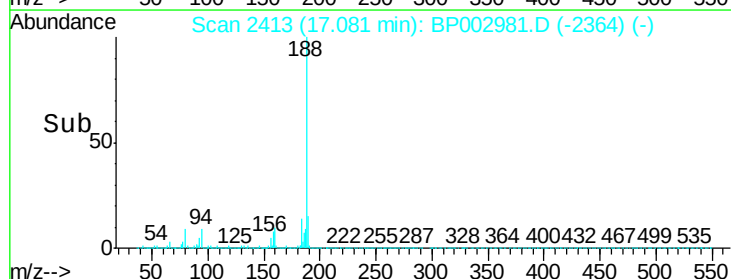
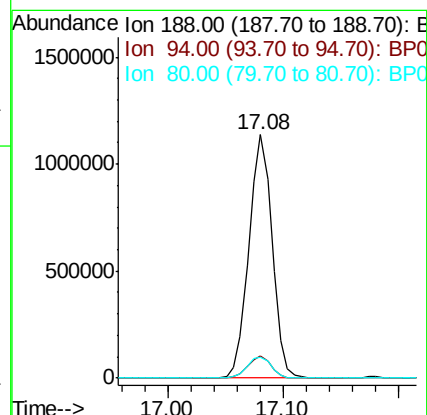
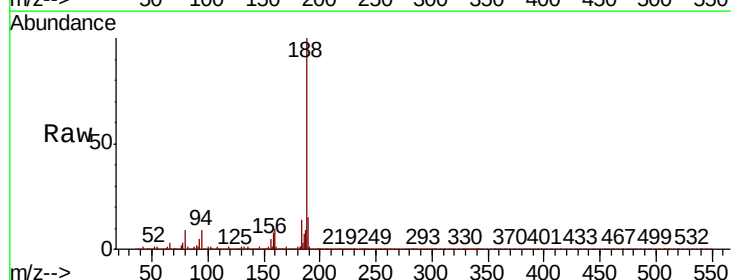
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

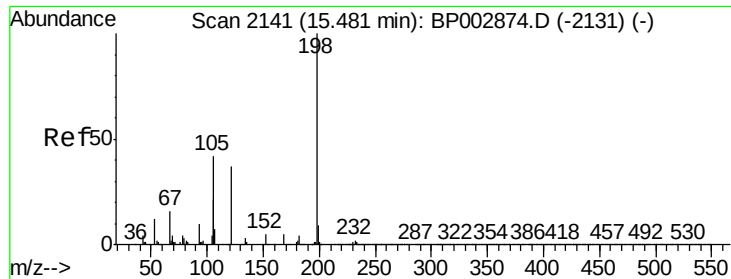
Tot Ion:138 Resp: 114
Ion Ratio Lower Upper
138 100
92 61.9 21.2 61.2#
108 85.8 40.5 80.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Tgt Ion:188 Resp: 1590311
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 8.7 7.0 10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 6.904 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.03 min

Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

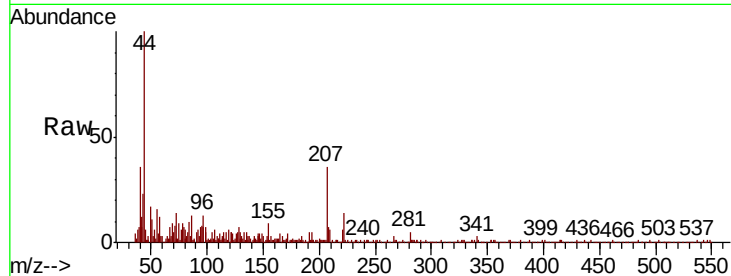
Tot Ion:198 Resp: 37

Ion Ratio Lower Upper

198 100

51 1250.0 6.5 46.5#

105 522.7 20.4 60.4#

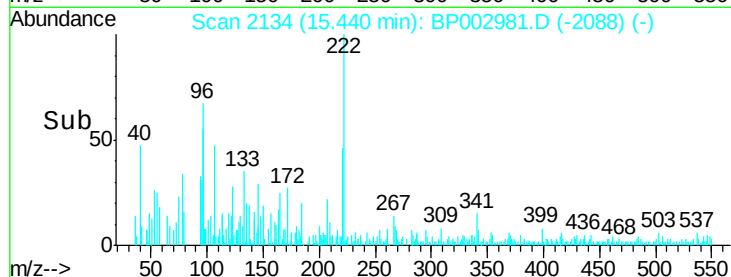


Abundance Ion 198.00 (197.70 to 198.70): E

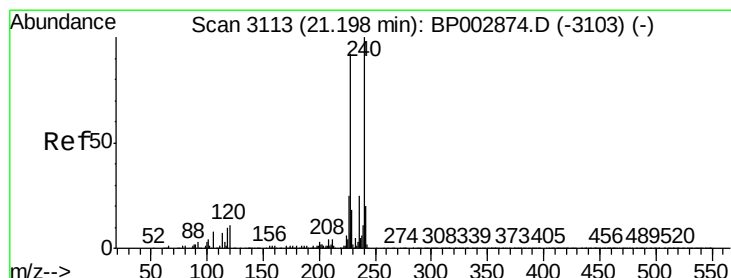
Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

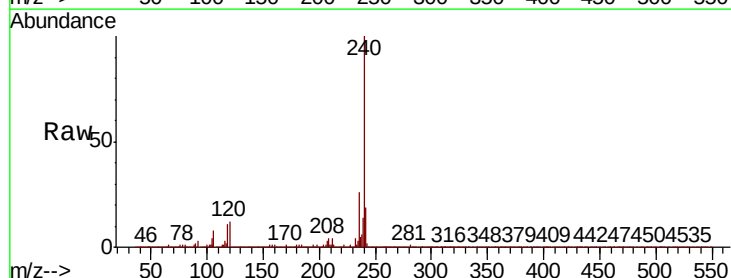
Tgt Ion:240 Resp: 1533672

Ion Ratio Lower Upper

240 100

120 11.6 10.6 16.0

236 25.8 20.7 31.1

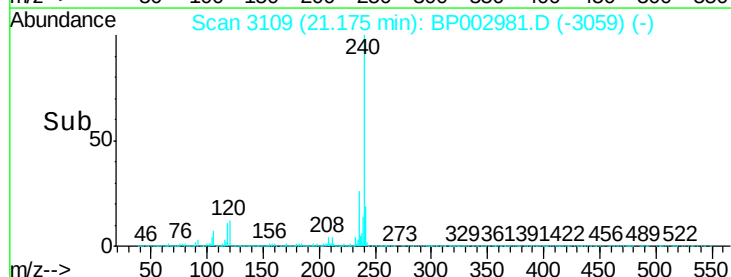


Abundance Ion 240.00 (239.70 to 240.70): E

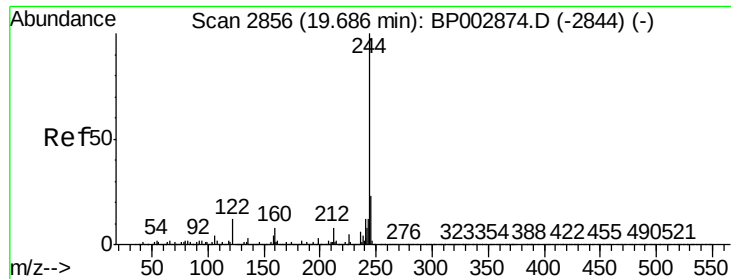
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 65.862 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

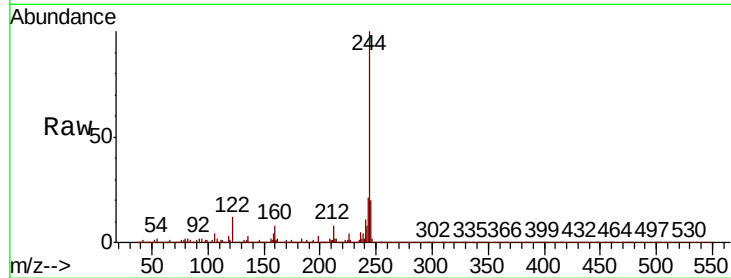
Tot Ion:244 Resp: 5045585

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

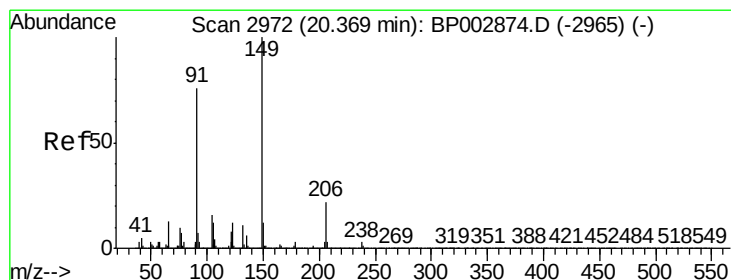
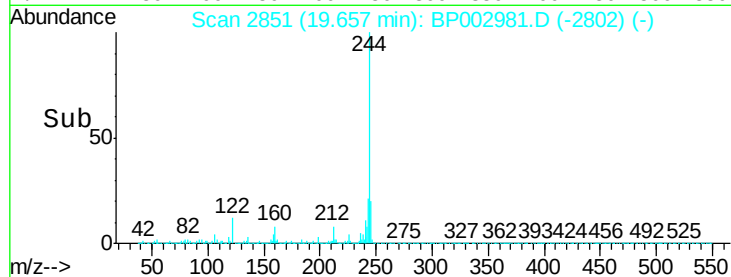
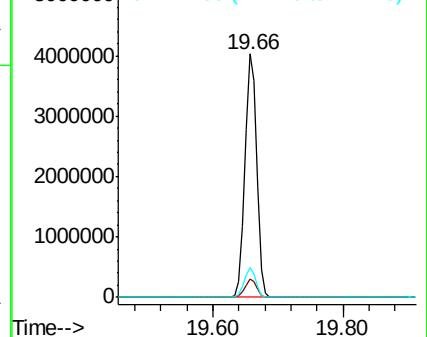
122 12.2 9.9 14.9



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: 3.188 ng

RT: 20.34 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BP002981.D

Acq: 14 Aug 2020 12:56

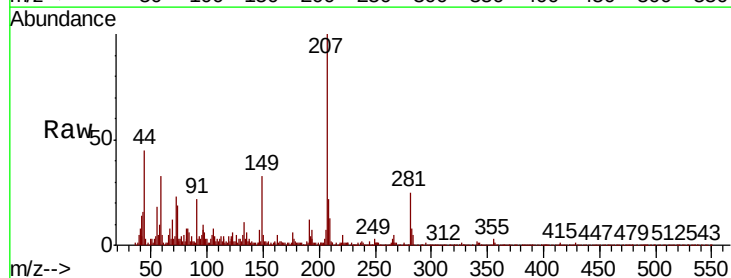
Tgt Ion:149 Resp: 6062

Ion Ratio Lower Upper

149 100

91 65.9 46.5 69.7

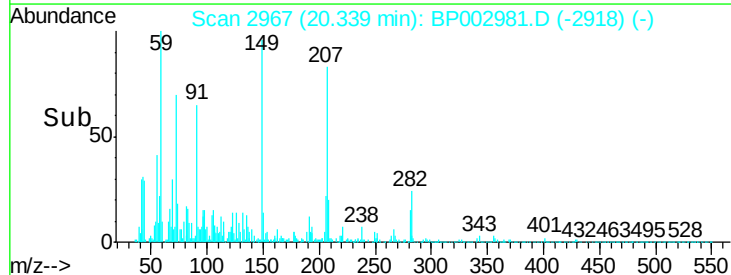
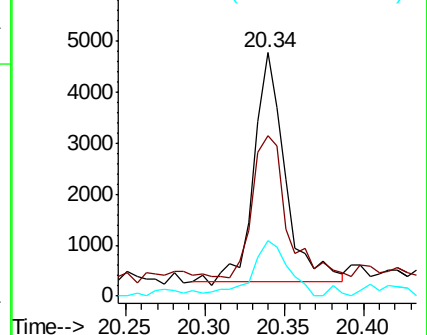
206 22.6 17.2 25.8

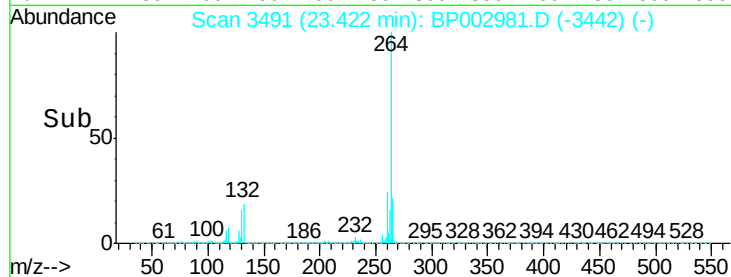
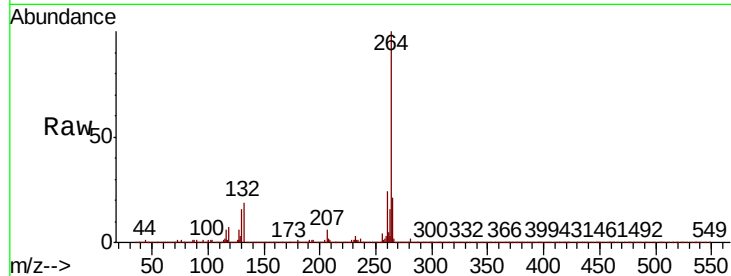
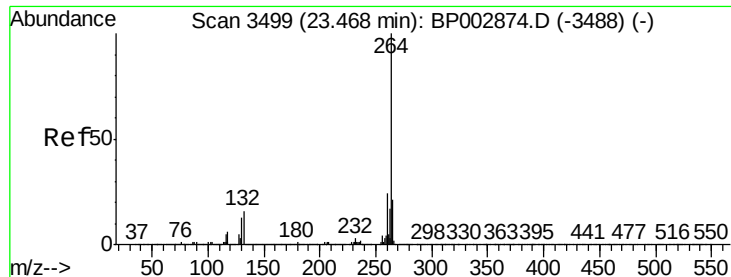


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002981.D
Acq: 14 Aug 2020 12:56

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

Tot Ion: 264 Resp: 1643912

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	17.6	26.4

