

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002958.D
 Acq On : 12 Aug 2020 20:11
 Operator : CG/JU
 Sample : L3648-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-2

Quant Time: Aug 13 00:46:39 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	151862	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	623267	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	377223	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	811276	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1034894	20.00	ng	0.00
86) Perylene-d12	23.43	264	1446965	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	625683	63.06	ng	0.00
7) Phenol-d6	6.87	99	504972	36.66	ng	-0.01
23) Nitrobenzene-d5	8.84	82	691421	60.09	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	505564	107.83	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2060497	74.63	ng	0.00
79) Terphenyl-d14	19.66	244	3322350	64.27	ng	0.00

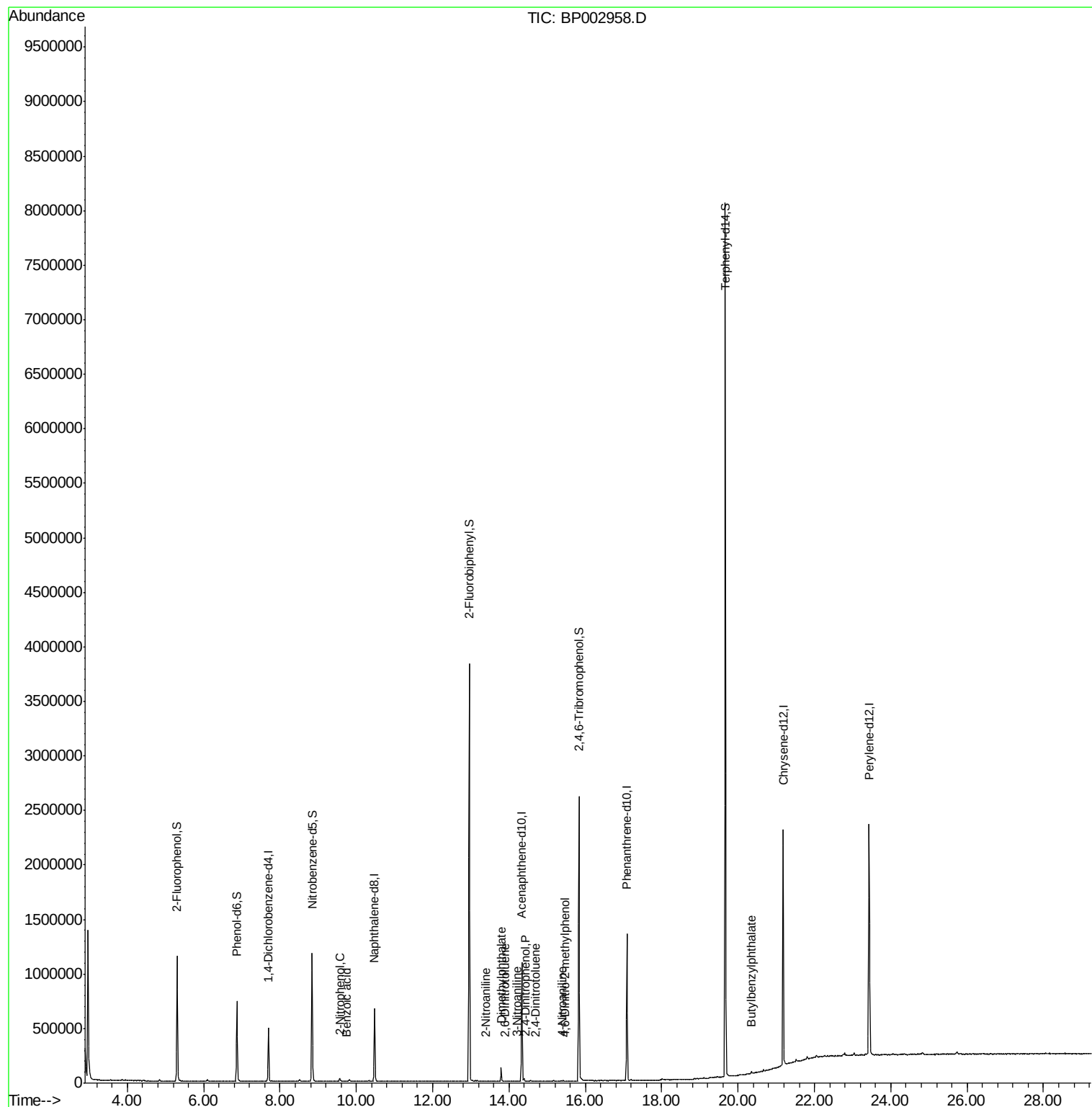
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.58	139	23	4.524	ng	# 1
32) Benzoic acid	9.75	122	181	7.712	ng	# 89
48) 2-Nitroaniline	13.40	65	127	3.991	ng	# 26
50) Dimethylphthalate	13.79	163	92146	3.123	ng	# 99
51) 2,6-Dinitrotoluene	13.89	165	482	2.967	ng	# 88
53) 3-Nitroaniline	14.20	138	92	3.286	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	22	8.064	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	257	3.833	ng	# 60
62) 4-Nitroaniline	15.40	138	102	2.430	ng	# 56
65) 4,6-Dinitro-2-methylphenol	15.47	198	17	6.904	ng	# 1
80) Butylbenzylphthalate	20.35	149	900	3.086	ng	# 28

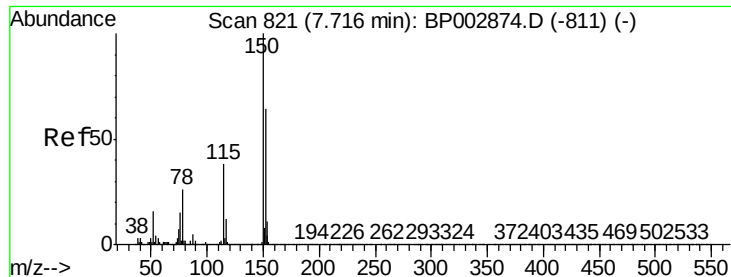
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
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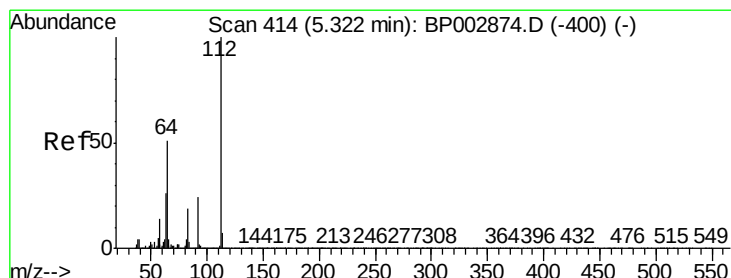
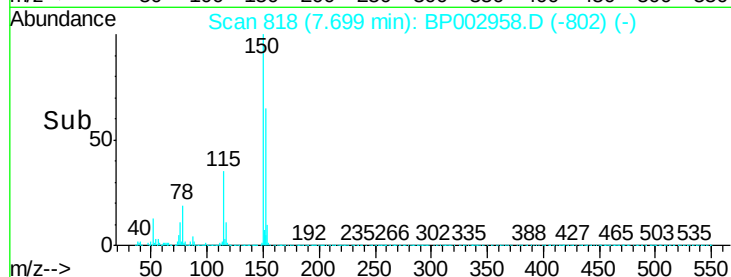
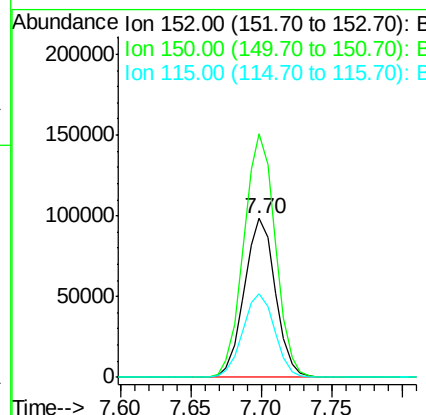
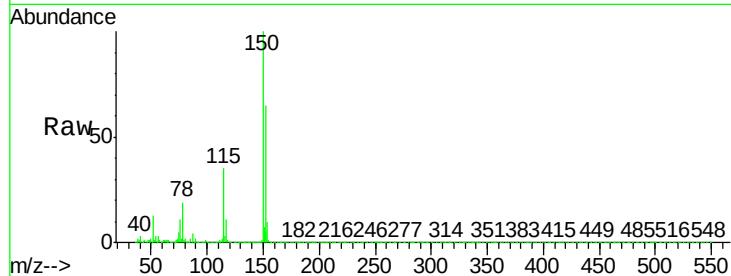


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

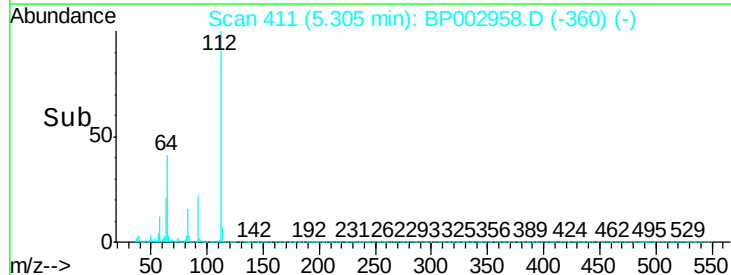
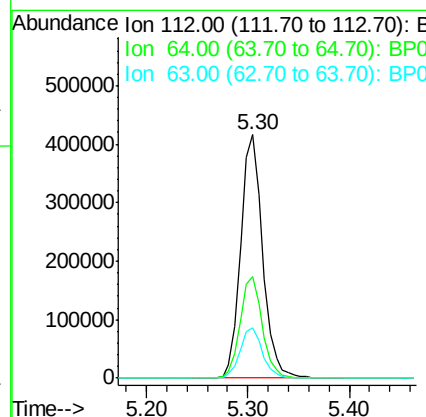
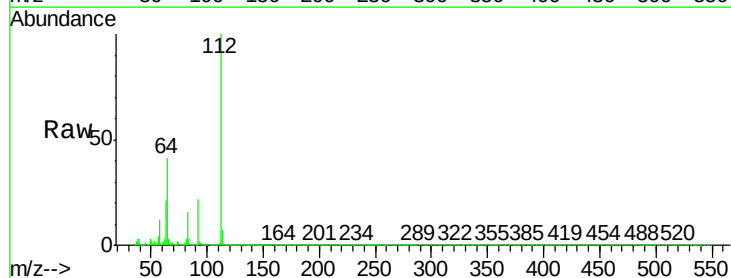
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.2	186.4
115	53.0	42.1	63.1

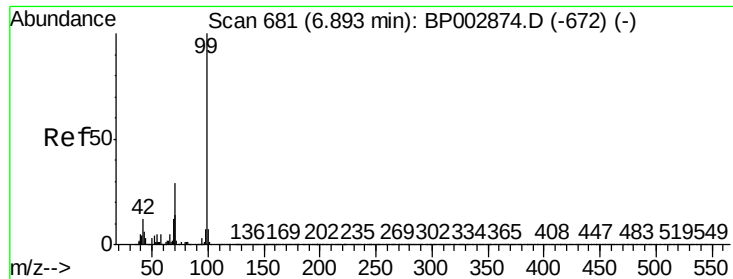


#5

2-Fluorophenol
Concen: 63.058 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.5	33.8	50.8
63	20.8	17.2	25.8





#7

Phenol-d6

Concen: 36.656 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

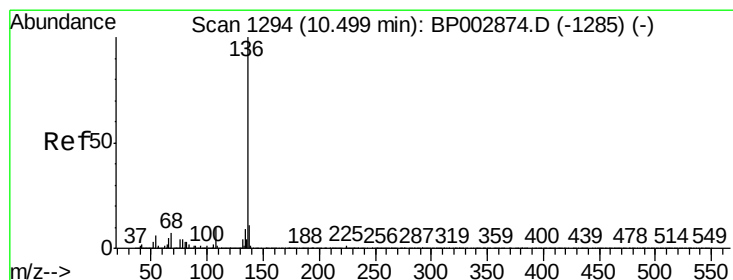
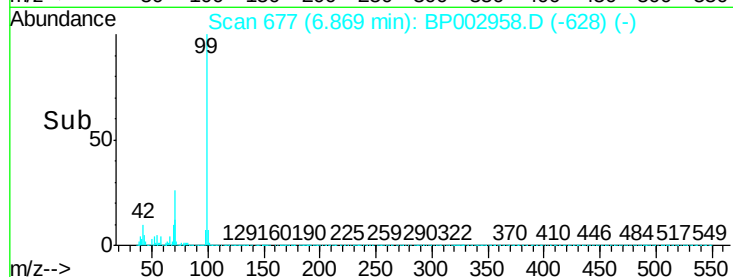
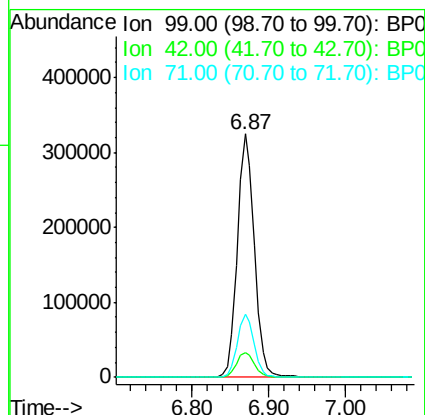
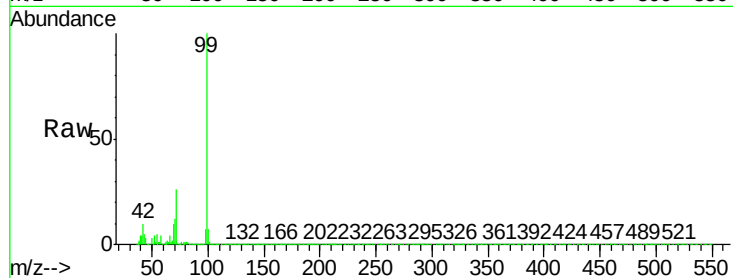
Tot Ion: 99 Resp: 504972

Ion Ratio Lower Upper

99 100

42 10.4 8.1 12.1

71 26.0 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

Tgt Ion: 136 Resp: 623267

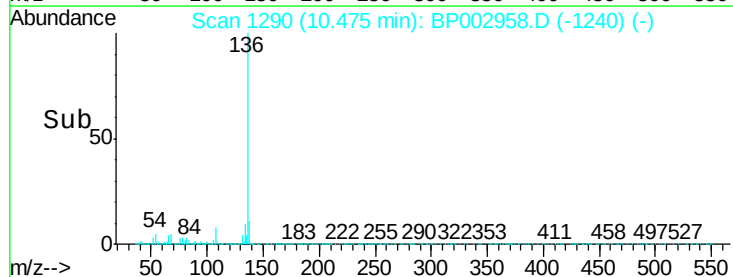
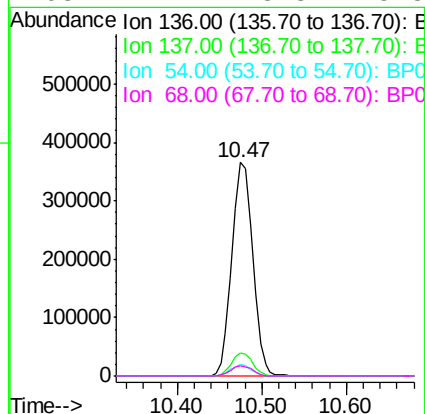
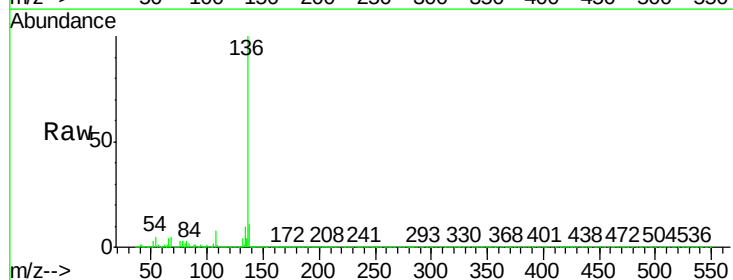
Ion Ratio Lower Upper

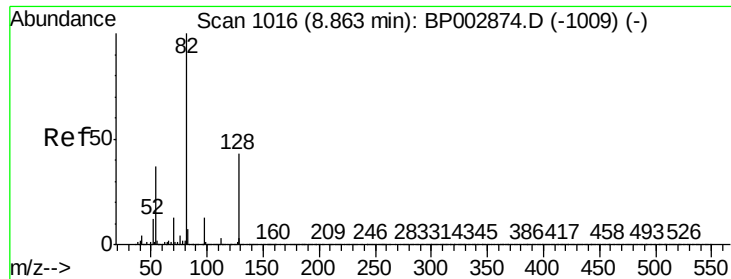
136 100

137 10.9 9.0 13.4

54 5.2 3.9 5.9

68 4.7 3.8 5.8

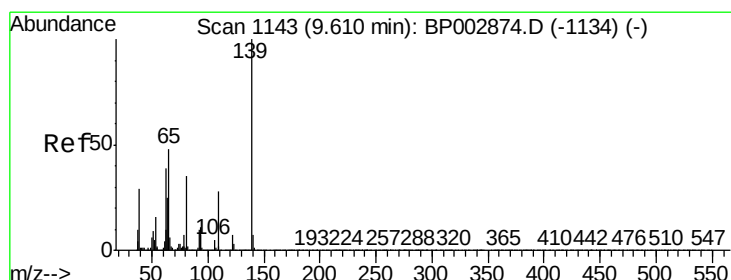
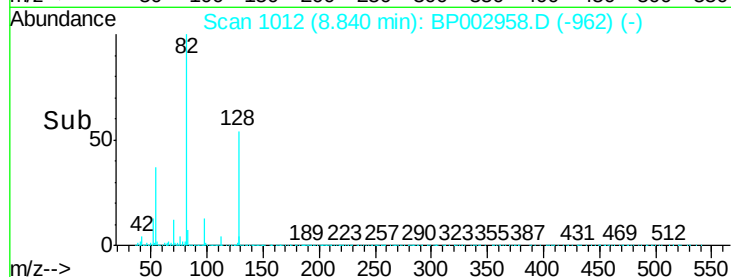
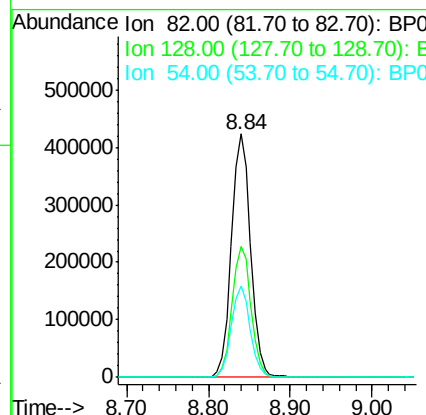
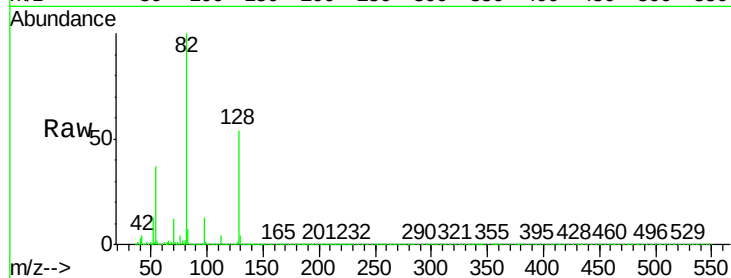




#23
Nitrobenzene-d5
Concen: 60.085 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

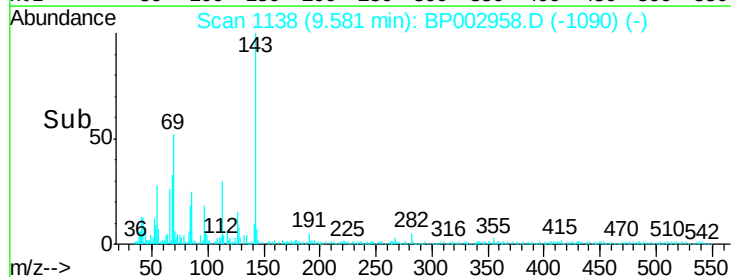
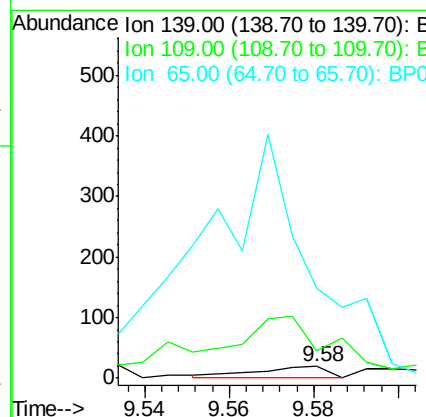
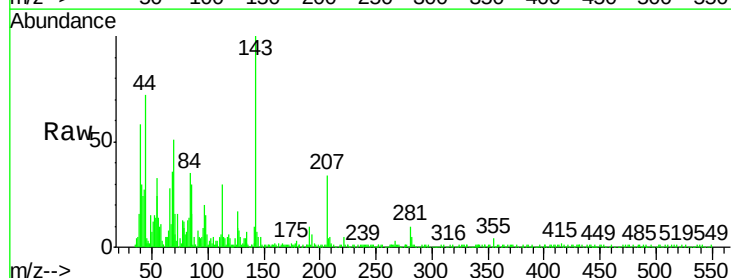
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

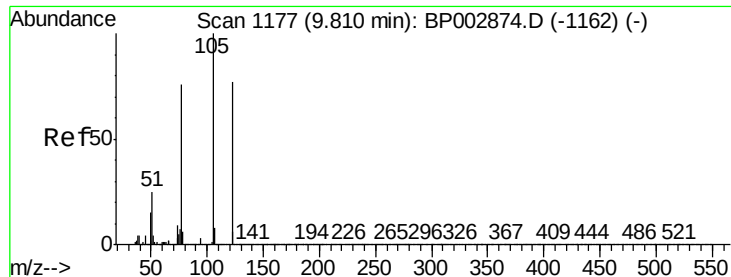
Tot Ion	82	Resp	691421
Ion Ratio	Lower	Upper	
82	100		
128	54.0	44.6	66.8
54	37.3	29.2	43.8



#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

Tgt Ion	139	Resp	23
Ion Ratio	Lower	Upper	
139	100		
109	242.1	19.5	29.3#
65	778.9	26.6	40.0#

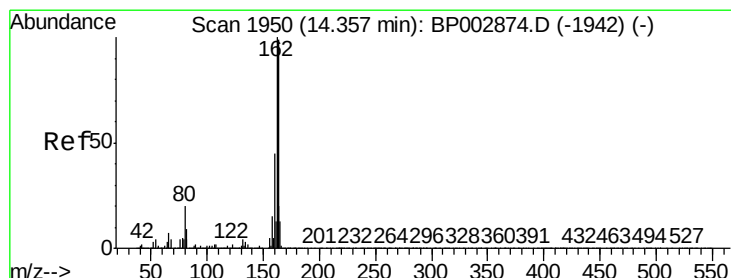
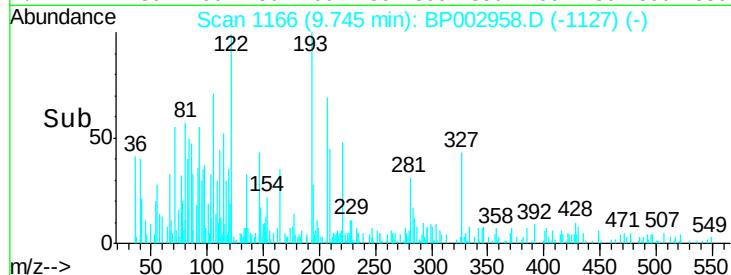
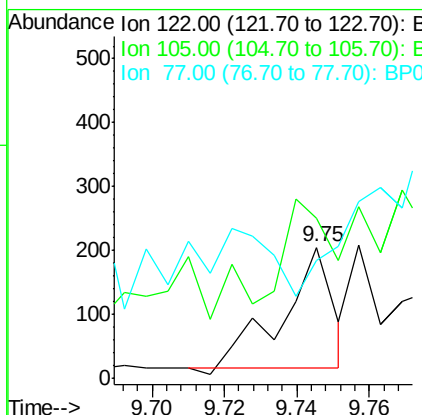
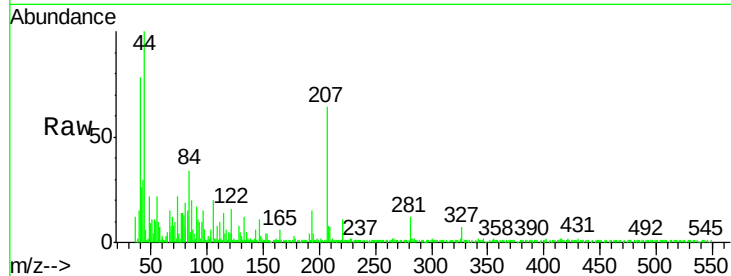




#32
Benzoic acid
Concen: 7.712 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.07 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

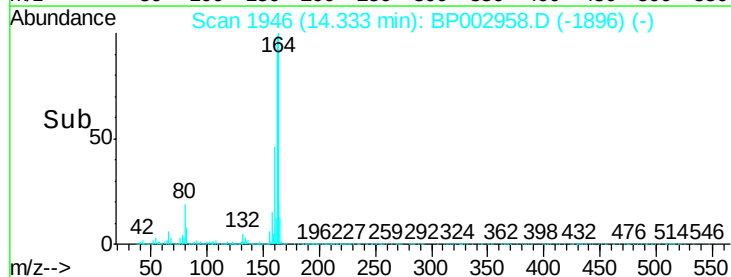
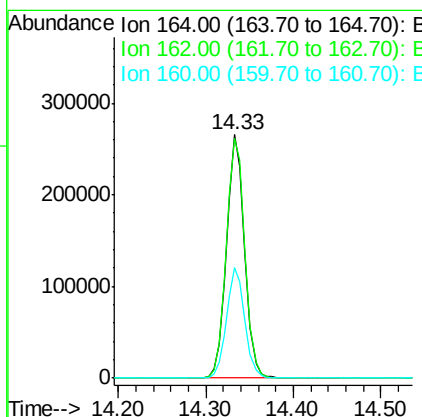
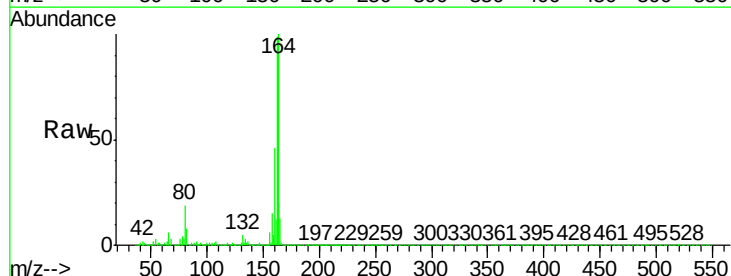
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

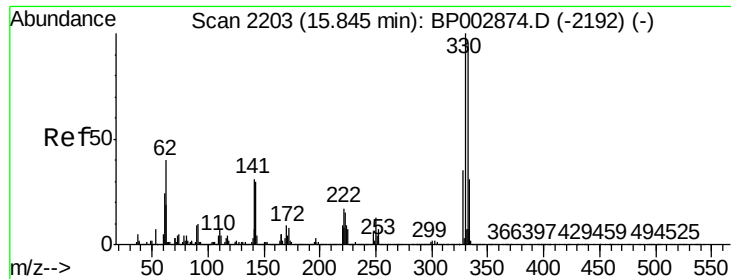
Tot Ion	Ratio	Lower	Upper
122	100		
105	122.5	95.8	135.8
77	90.2	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.0	121.4
160	45.6	36.2	54.4

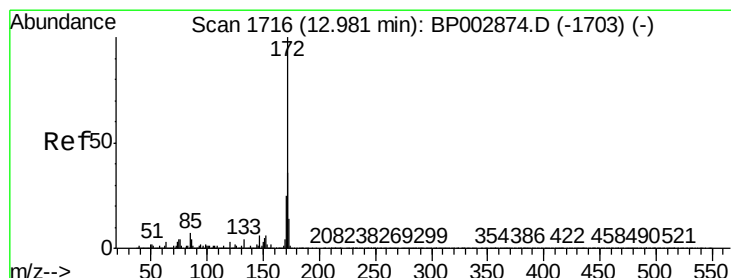
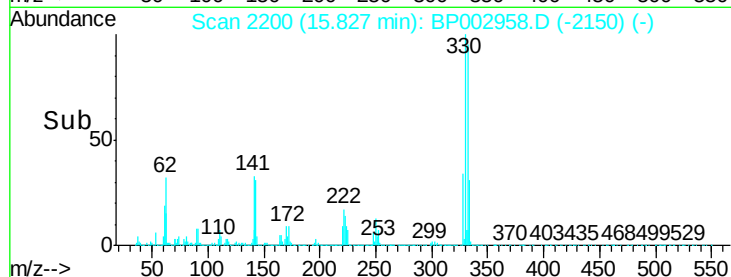
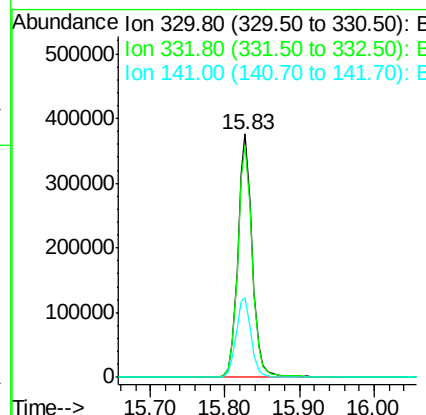
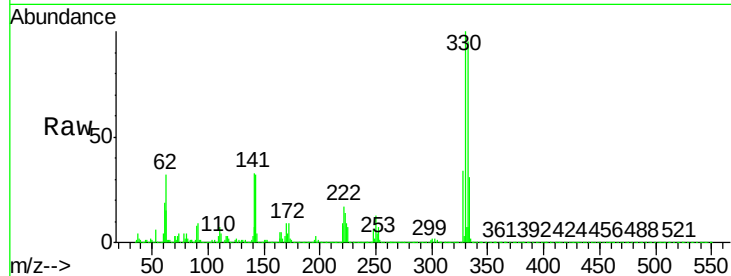




#42
2,4,6-Tribromophenol
Concen: 107.832 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

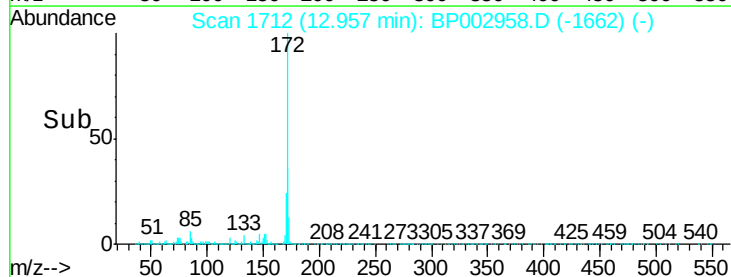
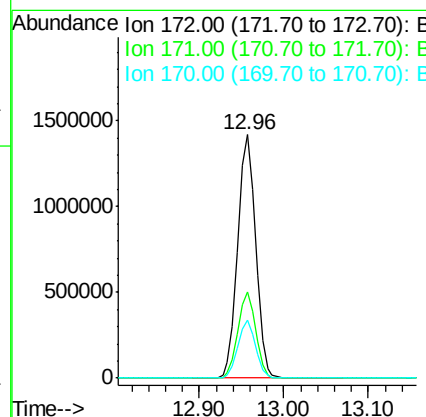
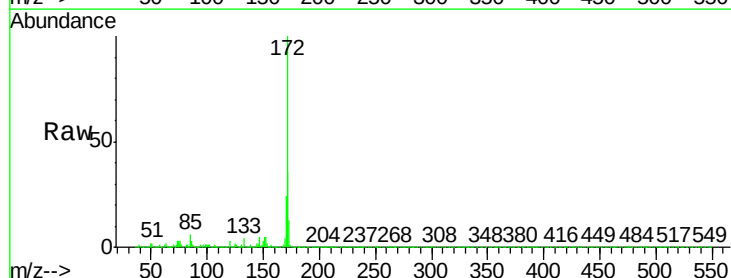
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

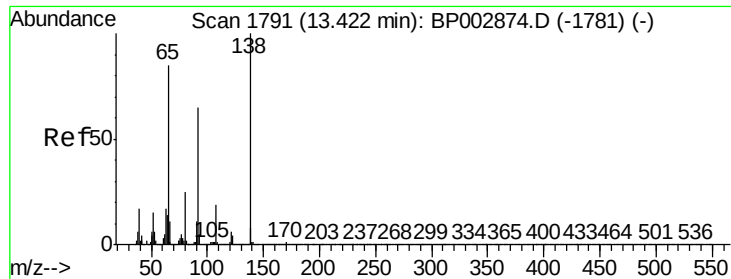
Tot Ion:330 Resp: 505564
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 34.6 28.6 43.0



#45
2-Fluorobiphenyl
Concen: 74.631 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

Tgt Ion:172 Resp: 2060497
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.6 19.6 29.4





#48

2-Nitroaniline

Concen: 3.991 ng

RT: 13.40 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

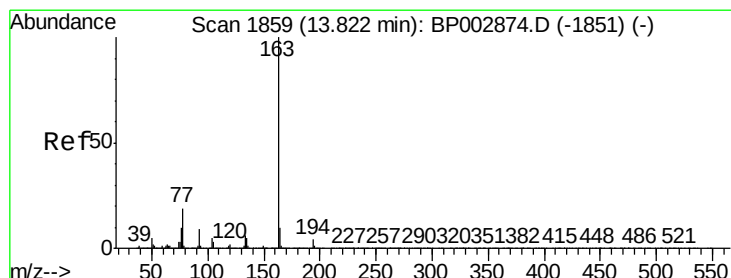
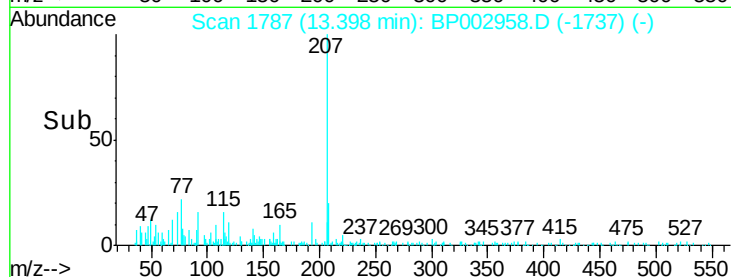
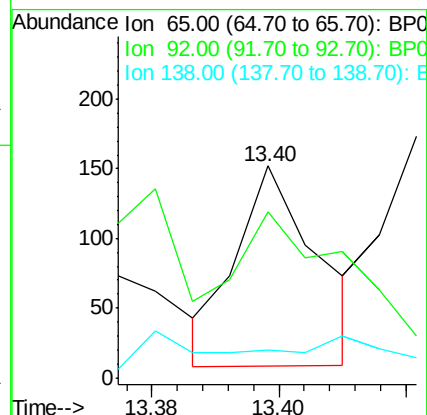
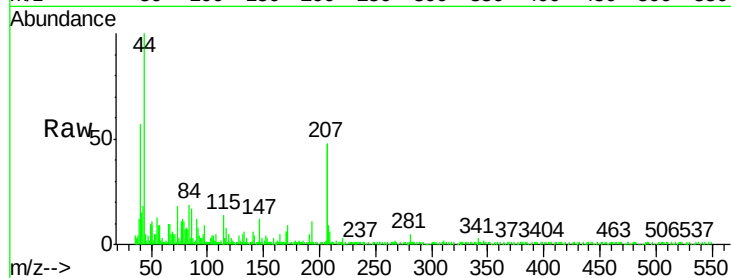
Tot Ion: 65 Resp: 127

Ion Ratio Lower Upper

65 100

92 78.3 69.6 104.4

138 13.2 125.6 188.4#



#50

Dimethylphthalate

Concen: 3.123 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

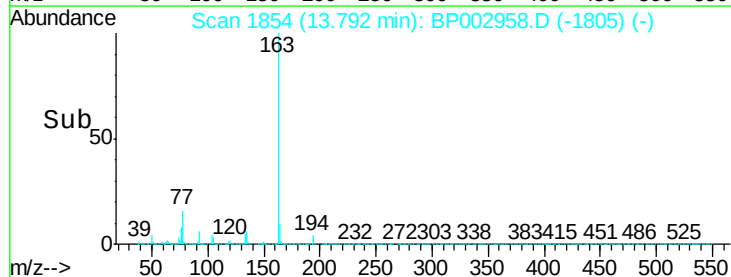
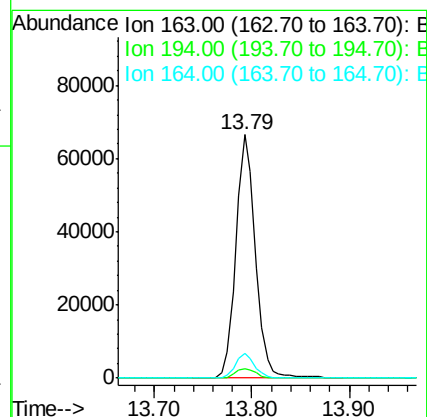
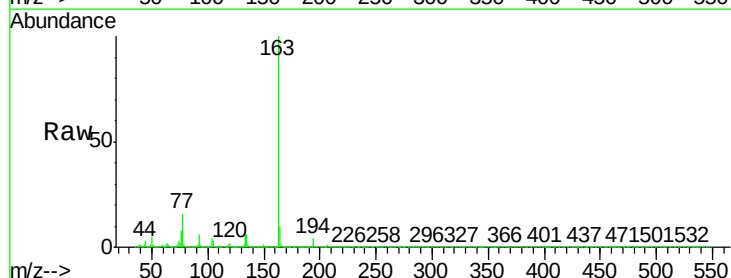
Tgt Ion: 163 Resp: 92146

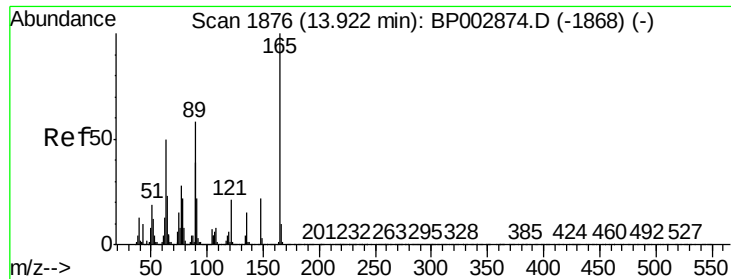
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.967 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

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BNA_P

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BS-STOCK-2

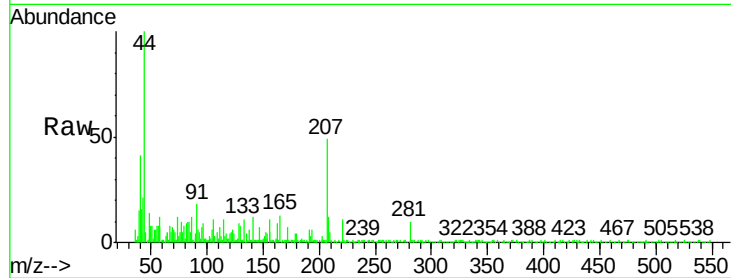
Tot Ion:165 Resp: 482

Ion Ratio Lower Upper

165 100

63 21.3 27.5 41.3#

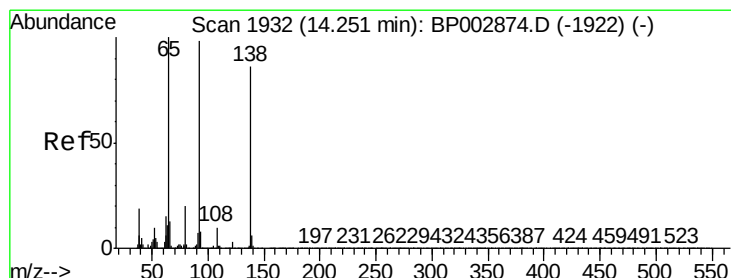
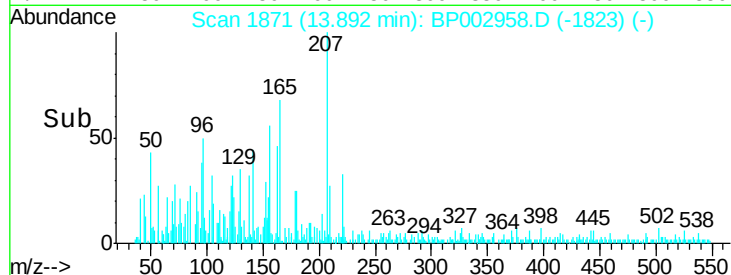
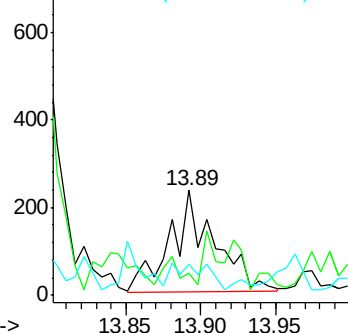
89 46.7 35.3 52.9



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: 3.286 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

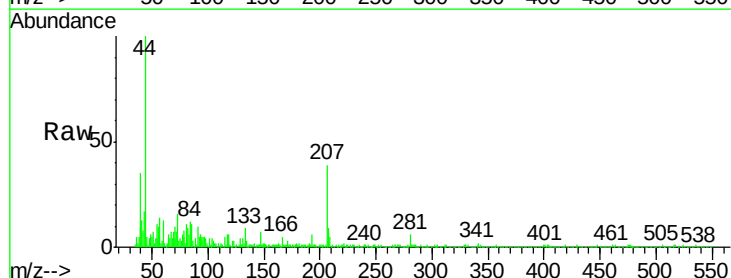
Tgt Ion:138 Resp: 92

Ion Ratio Lower Upper

138 100

108 18.4 7.2 10.8#

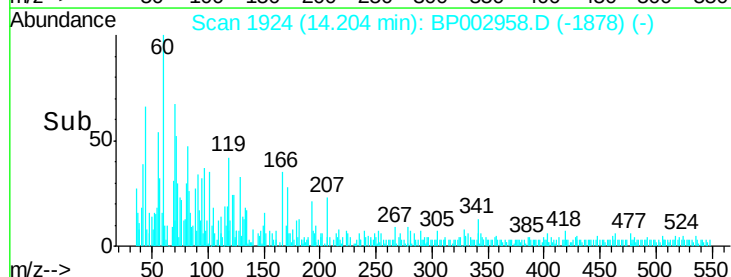
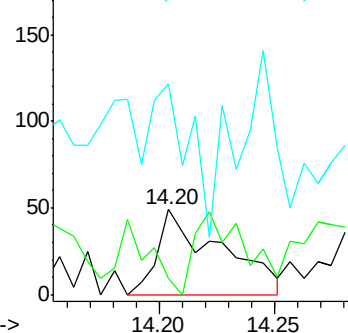
92 249.0 75.8 113.6#

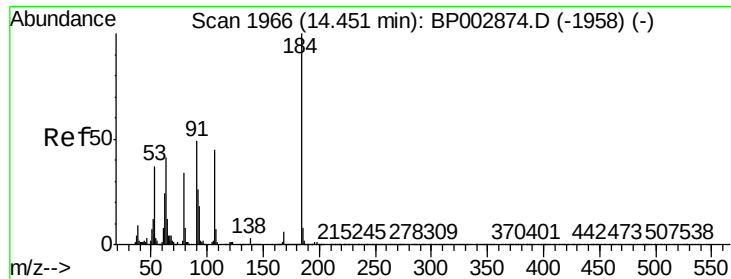


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

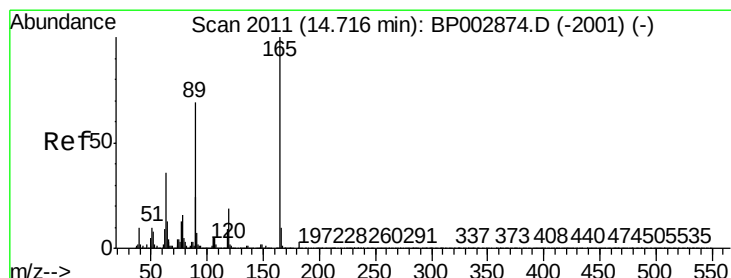
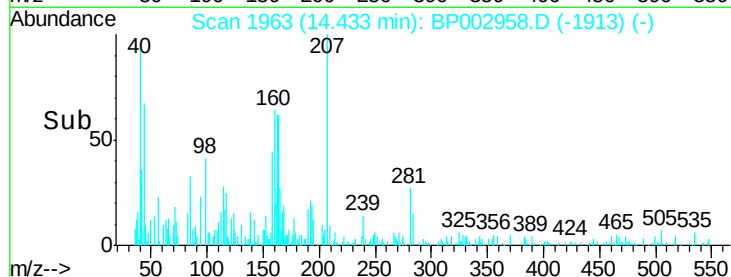
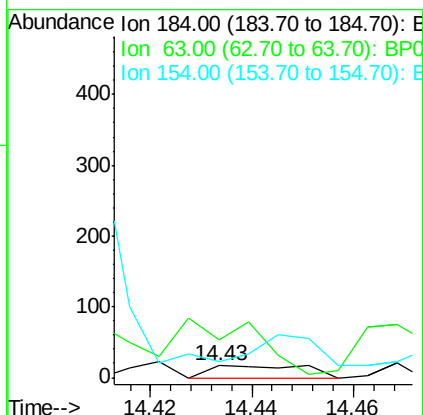
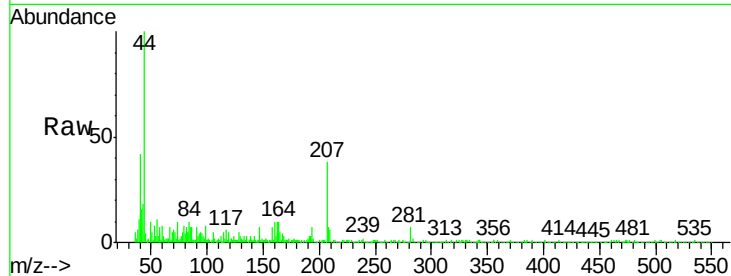




#54
2,4-Dinitrophenol
Concen: 8.064 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

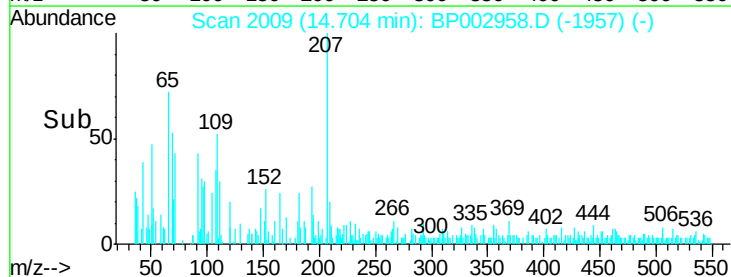
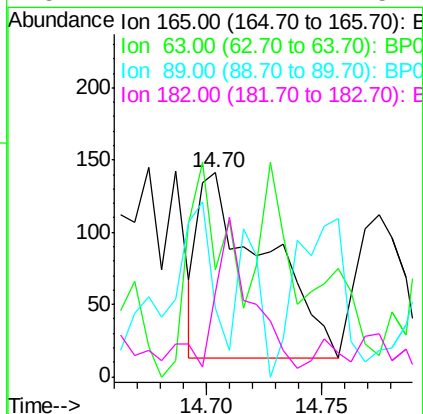
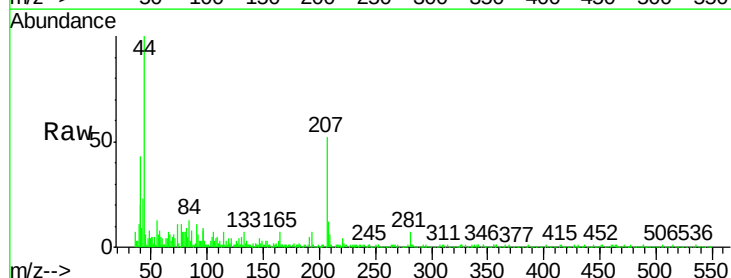
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-2

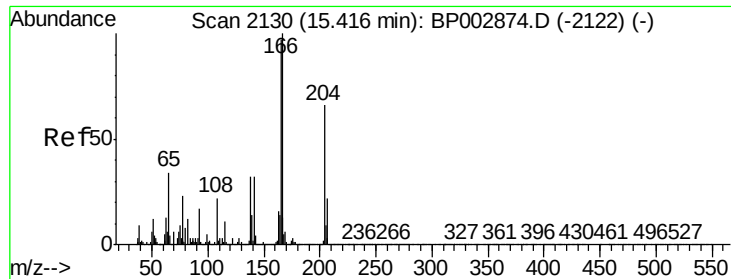
Tot Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 317.6 36.4 54.6#
154 135.3 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.833 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002958.D
Acq: 12 Aug 2020 20:11

Tgt Ion:165 Resp: 257
Ion Ratio Lower Upper
165 100
63 52.5 22.6 34.0#
89 33.3 46.2 69.2#
182 41.1 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.430 ng

RT: 15.40 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

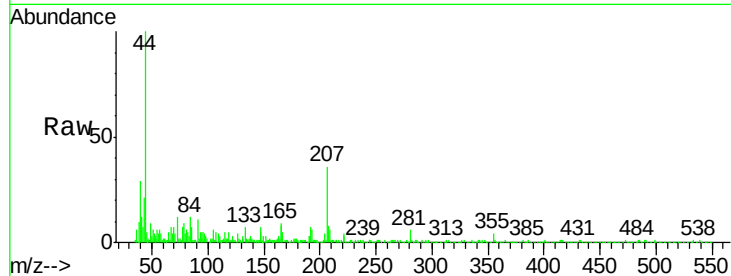
Tot Ion:138 Resp: 102

Ion Ratio Lower Upper

138 100

92 43.1 21.2 61.2

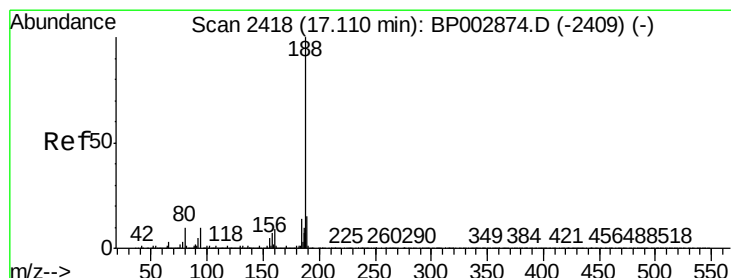
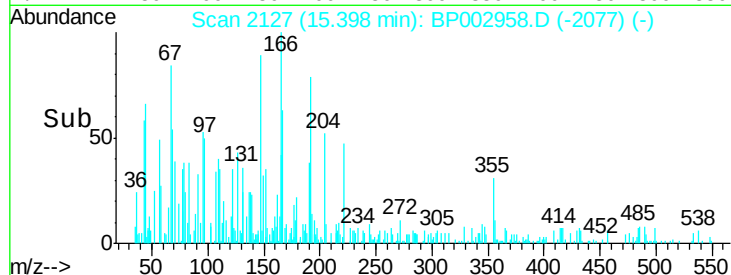
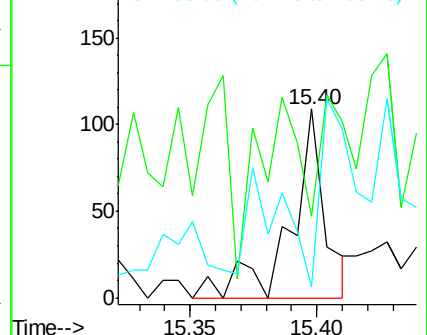
108 5.5 40.5 80.5#



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: BP002958.D

Acq: 12 Aug 2020 20:11

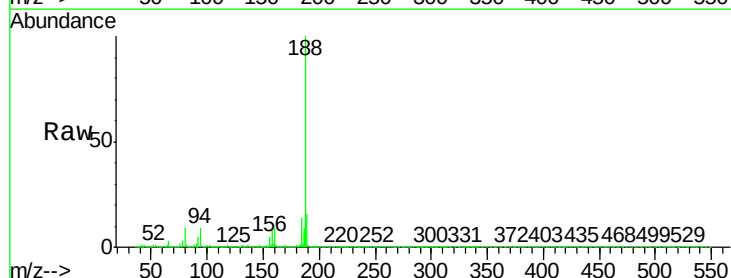
Tgt Ion:188 Resp: 811276

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

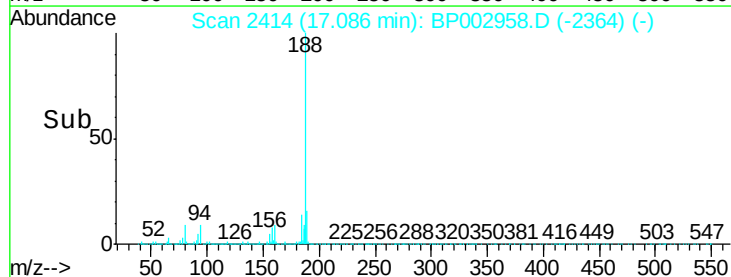
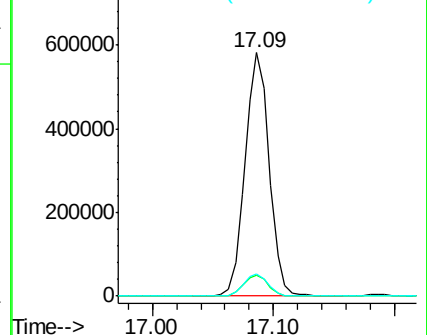
80 9.1 7.0 10.6

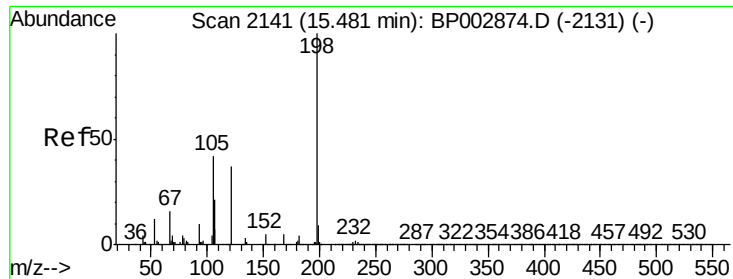


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

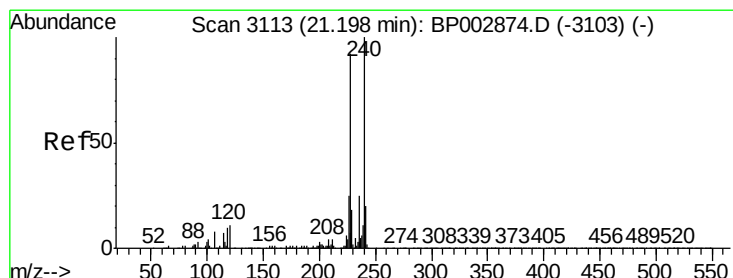
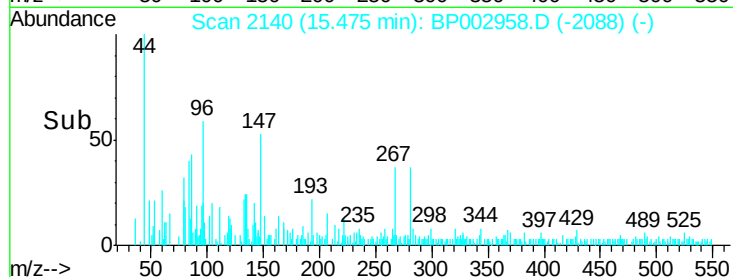
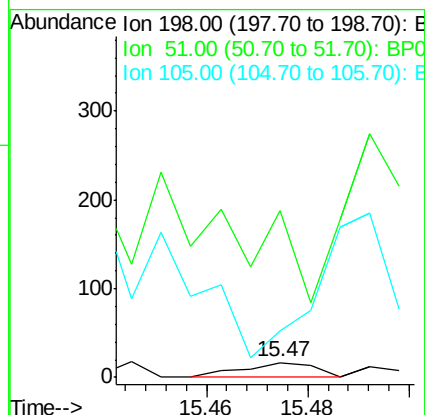
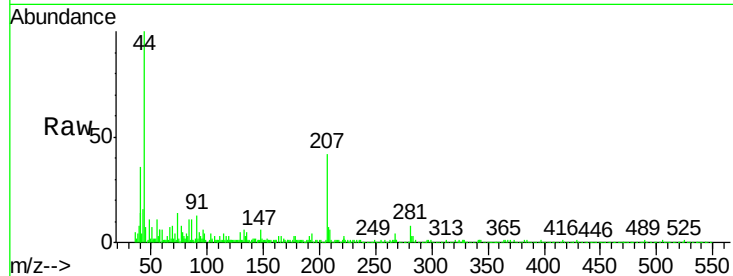




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.904 ng
 RT: 15.47 min Scan# 2140
 Delta R.T. 0.01 min
 Lab File: BP002958.D
 Acq: 12 Aug 2020 20:11

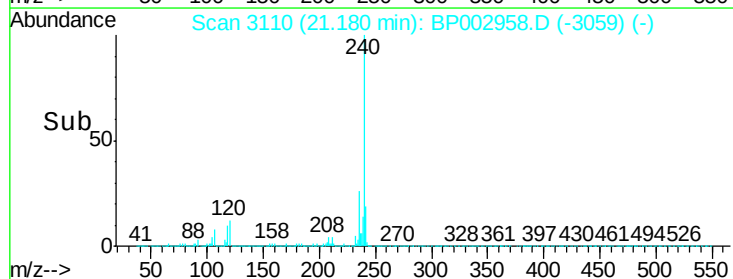
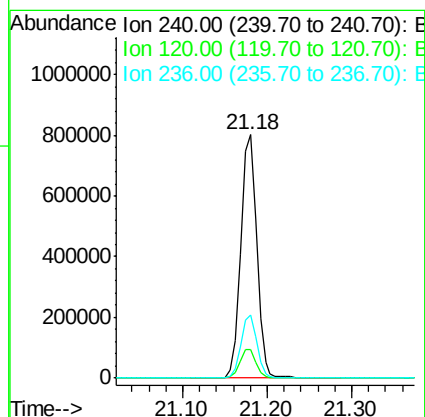
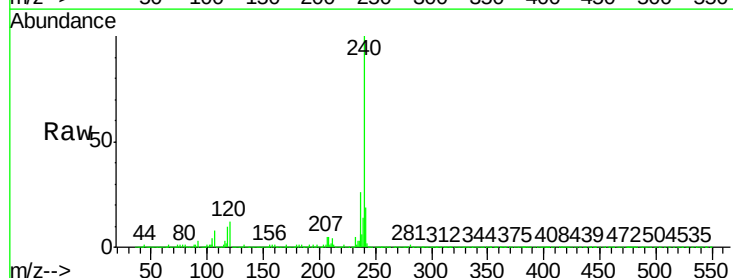
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-2

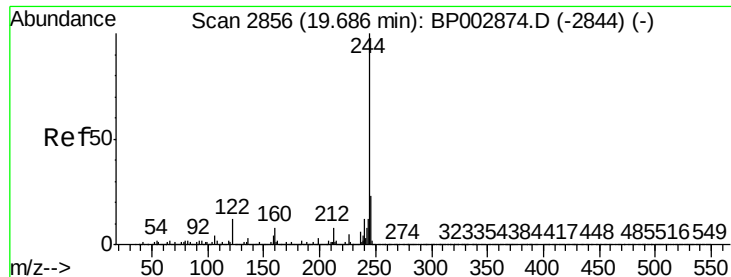
Tot Ion:198 Resp: 17
 Ion Ratio Lower Upper
 198 100
 51 1105.9 6.5 46.5#
 105 311.8 20.4 60.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BP002958.D
 Acq: 12 Aug 2020 20:11

Tgt Ion:240 Resp: 1034894
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.6 16.0
 236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 64.269 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-2

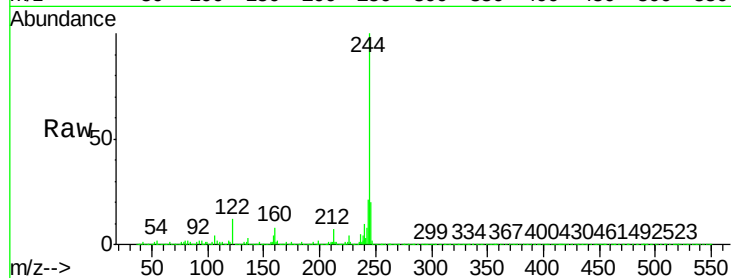
Tot Ion:244 Resp: 3322350

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

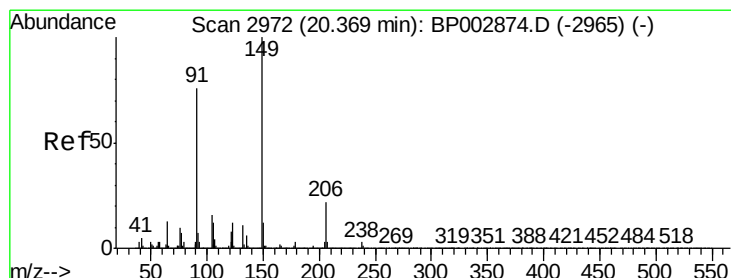
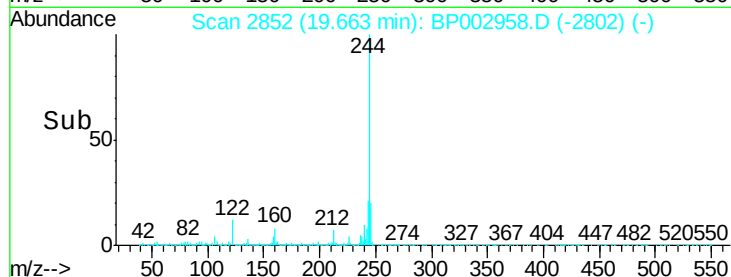
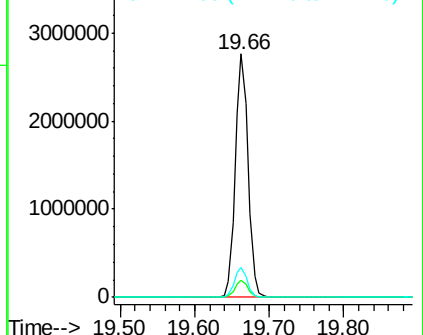
122 12.5 9.9 14.9



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: 3.086 ng

RT: 20.35 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BP002958.D

Acq: 12 Aug 2020 20:11

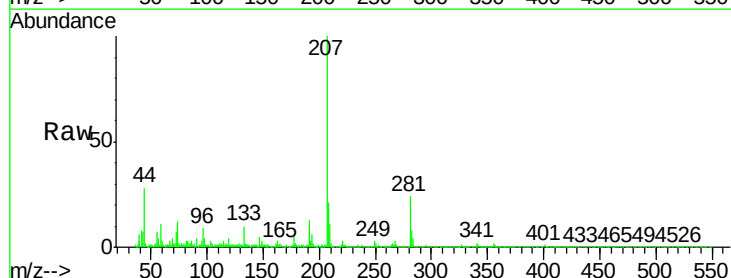
Tgt Ion:149 Resp: 900

Ion Ratio Lower Upper

149 100

91 130.4 46.5 69.7#

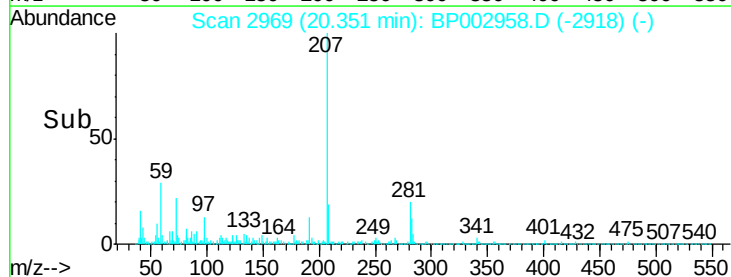
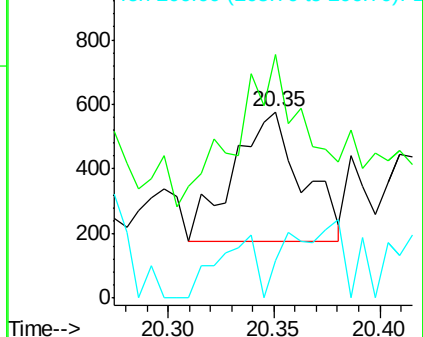
206 20.2 17.2 25.8

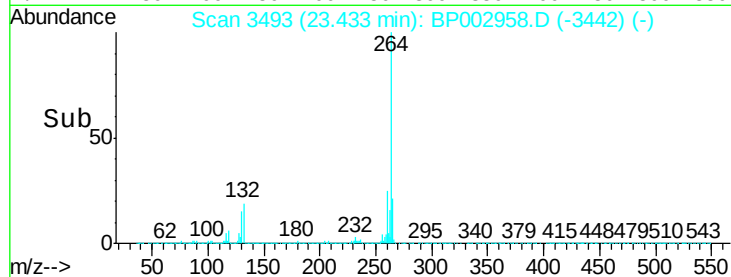
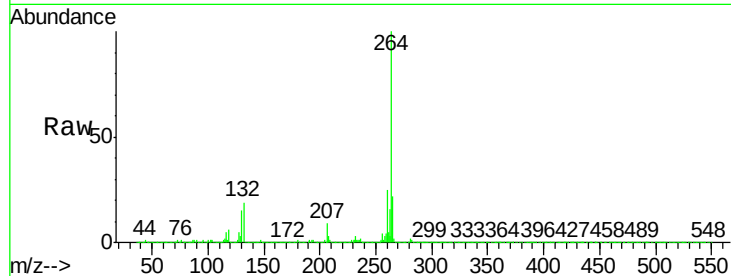
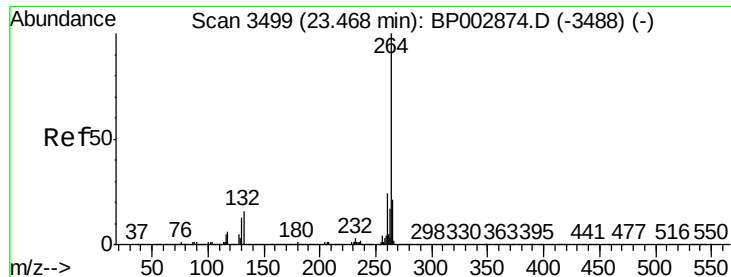


Abundance Ion 149.00 (148.70 to 149.70): E

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: BP002958.D
 Acq: 12 Aug 2020 20:11

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-2

Tot Ion:	264	Resp:	1446965
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	21.6	17.6	26.4

