

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002974.D
 Acq On : 13 Aug 2020 19:46
 Operator : CG/JU
 Sample : L3648-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-8

Quant Time: Aug 14 00:53:36 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	338697	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1412706	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	885255	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1889386	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1912342	20.00	ng	0.00
86) Perylene-d12	23.43	264	1979995	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1047669	47.34	ng	0.00
7) Phenol-d6	6.86	99	802110	26.11	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1612144	61.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1182805	107.50	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4638416	71.59	ng	-0.01
79) Terphenyl-d14	19.66	244	6429643	67.31	ng	0.00

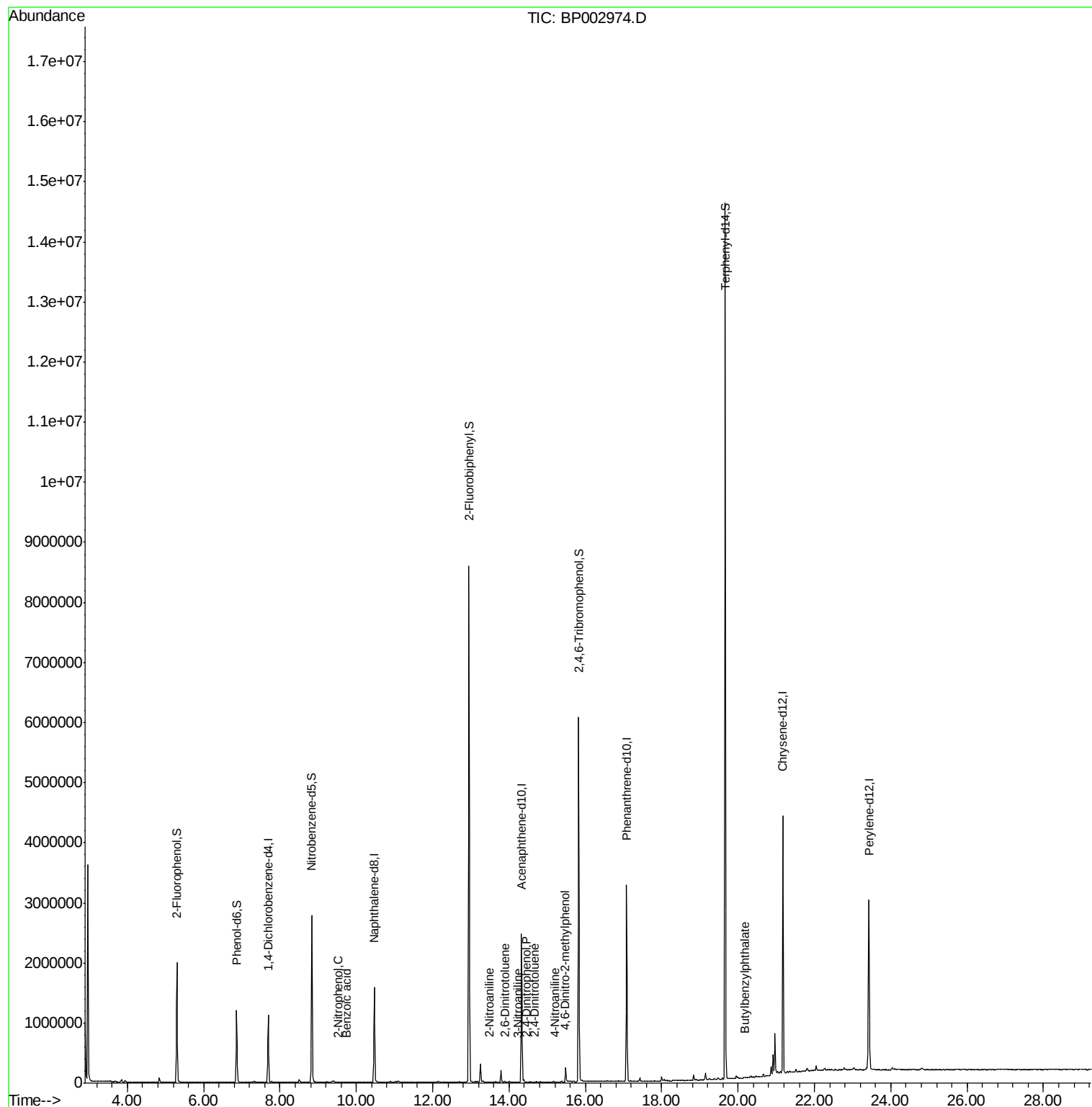
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.54	139	19	4.522	ng	# 28
32) Benzoic acid	9.75	122	368	7.710	ng	# 84
48) 2-Nitroaniline	13.48	65	234	3.987	ng	# 9
51) 2,6-Dinitrotoluene	13.88	165	1001	2.960	ng	# 54
53) 3-Nitroaniline	14.22	138	53	3.277	ng	# 67
54) 2,4-Dinitrophenol	14.44	184	17	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	14	3.806	ng	# 1
62) 4-Nitroaniline	15.20	138	28	2.418	ng	# 80
65) 4,6-Dinitro-2-methylphenol	15.47	198	26	6.902	ng	# 1
80) Butylbenzylphthalate	20.17	149	315	3.063	ng	# 90

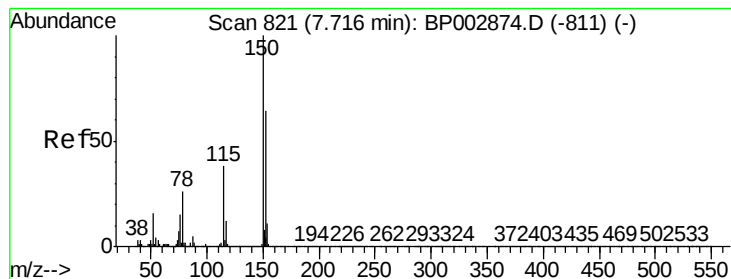
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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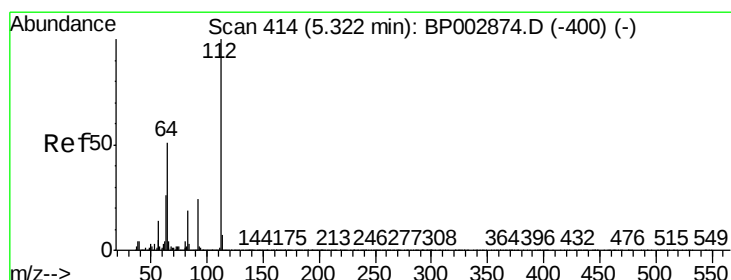
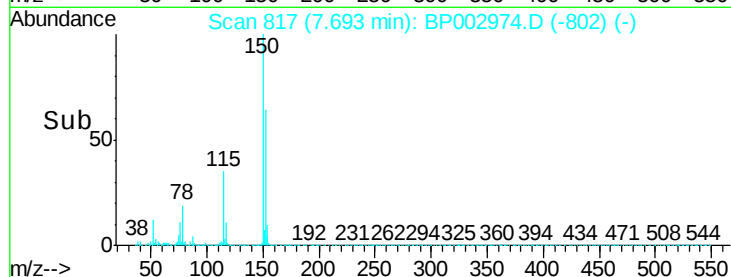
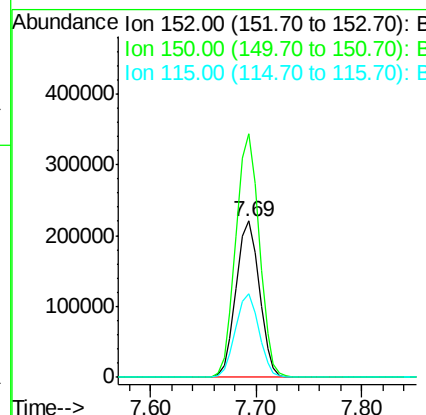
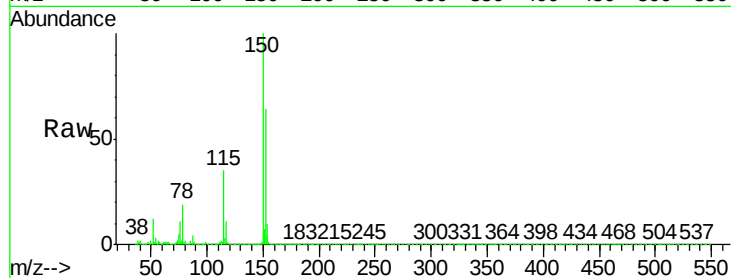


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-8

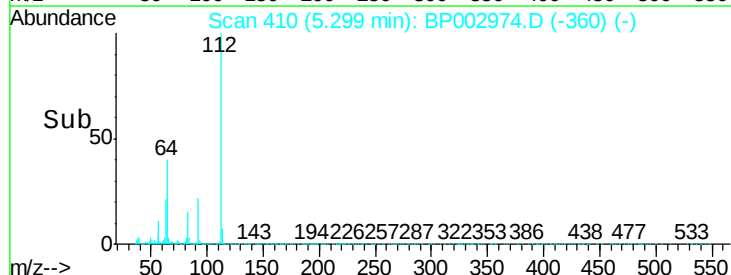
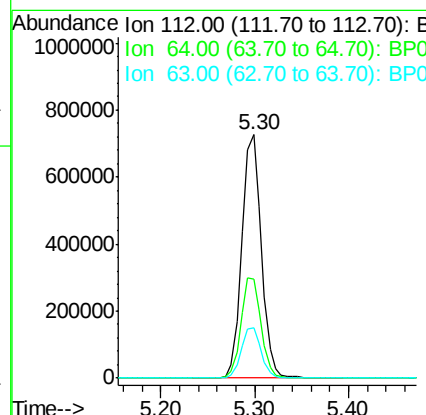
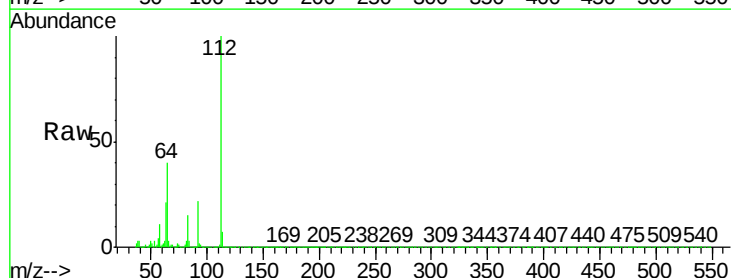
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.4
115	53.9	42.1	63.1

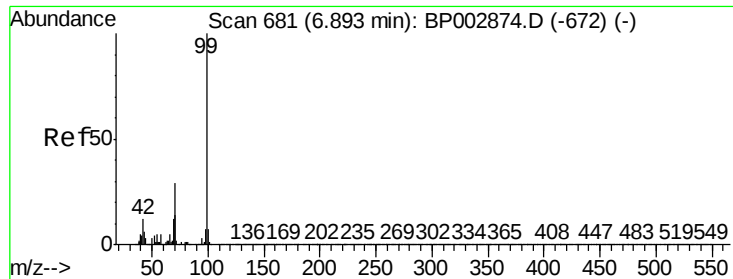


#5

2-Fluorophenol
Concen: 47.342 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.4	33.8	50.8
63	20.9	17.2	25.8





#7

Phenol-d6

Concen: 26.107 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-8

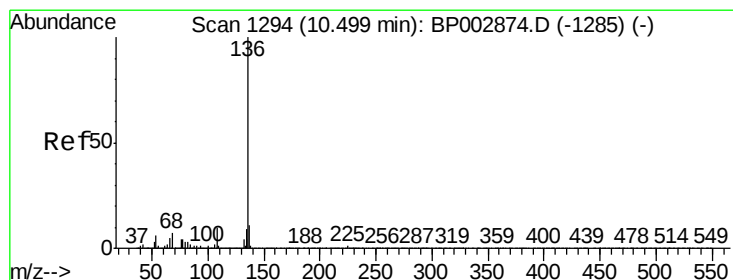
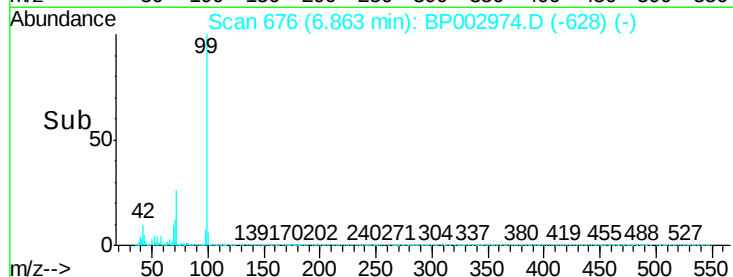
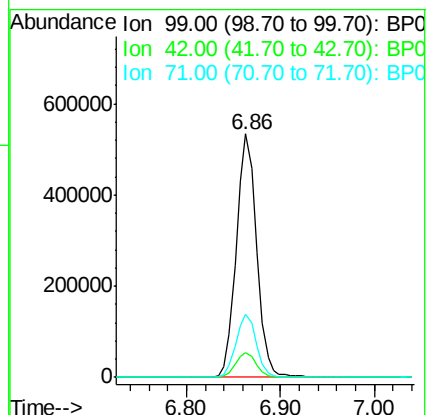
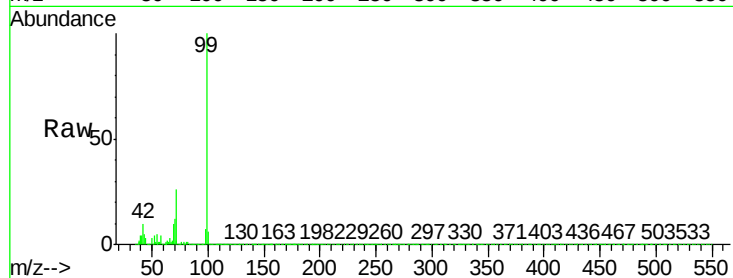
Tot Ion: 99 Resp: 802110

Ion Ratio Lower Upper

99 100

42 10.3 8.1 12.1

71 25.9 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: BP002974.D

Acq: 13 Aug 2020 19:46

Tgt Ion: 136 Resp: 1412706

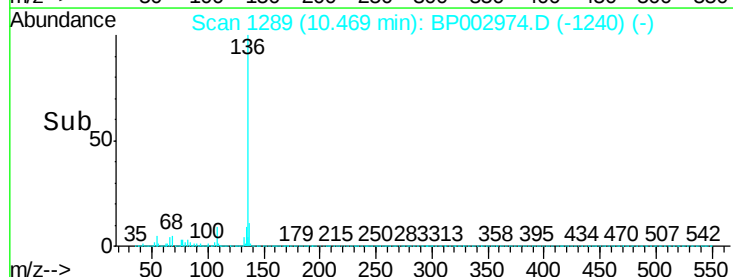
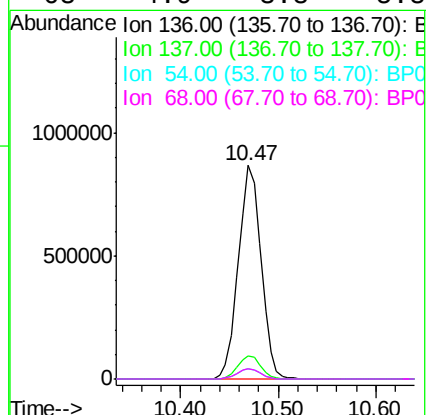
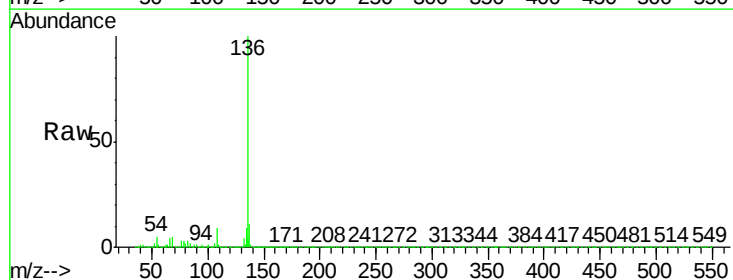
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 4.9 3.9 5.9

68 4.9 3.8 5.8

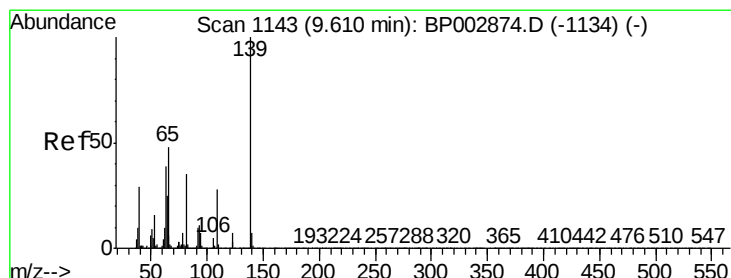
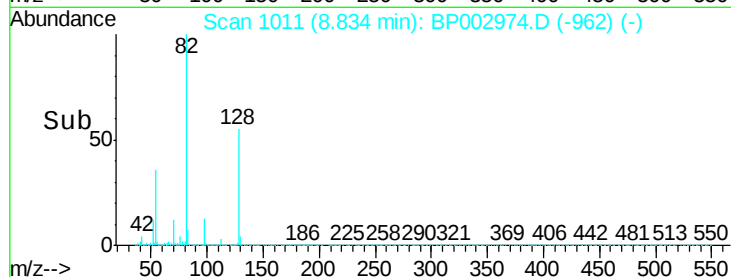
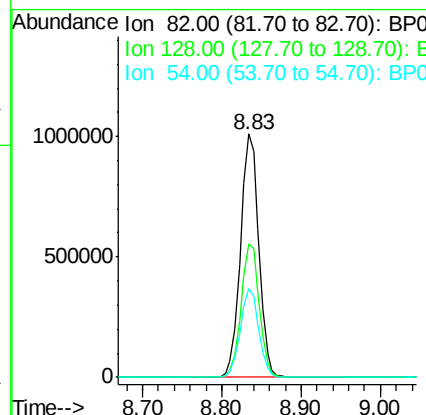
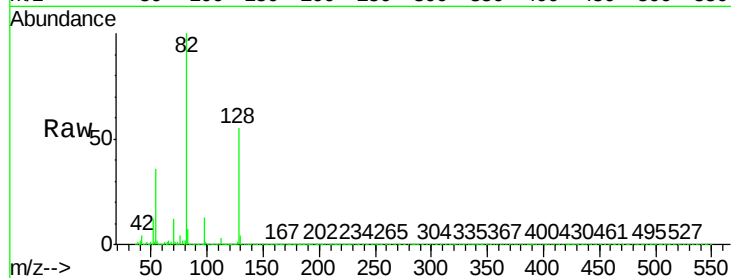




#23
 Nitrobenzene-d5
 Concen: 61.809 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

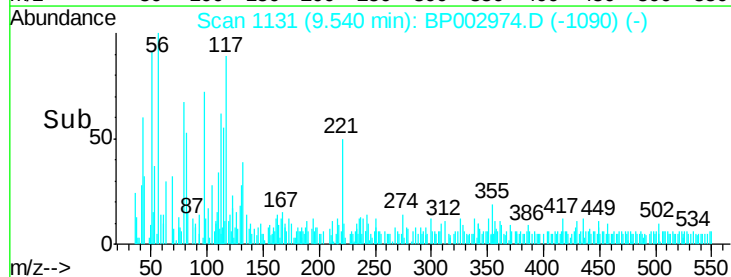
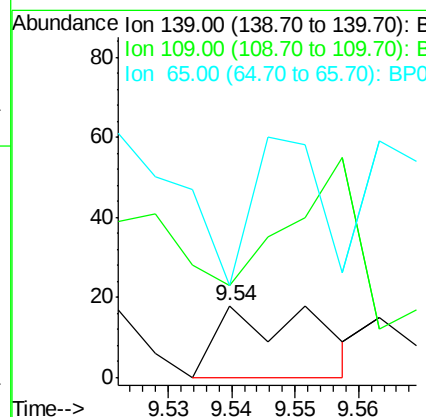
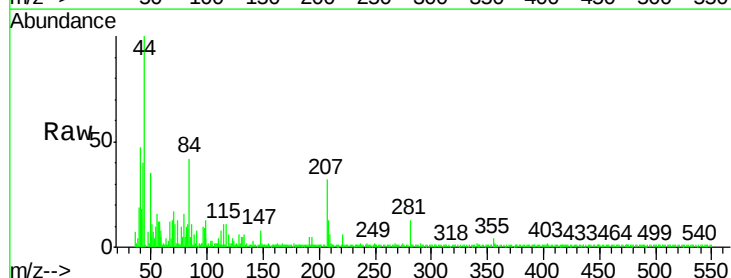
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-8

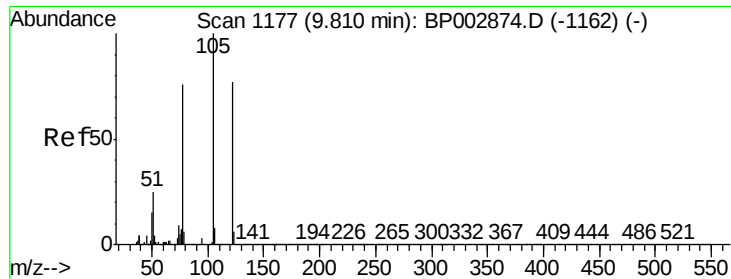
Tot Ion: 82 Resp: 1612144
 Ion Ratio Lower Upper
 82 100
 128 54.9 44.6 66.8
 54 36.2 29.2 43.8



#26
 2-Nitrophenol
 Concen: 4.522 ng
 RT: 9.54 min Scan# 1131
 Delta R.T. -0.06 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

Tgt Ion: 139 Resp: 19
 Ion Ratio Lower Upper
 139 100
 109 67.6 19.5 29.3#
 65 67.6 26.6 40.0#

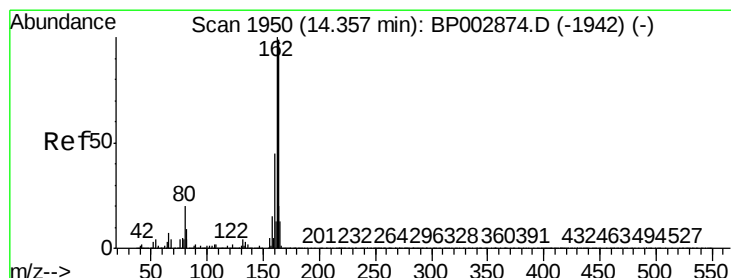
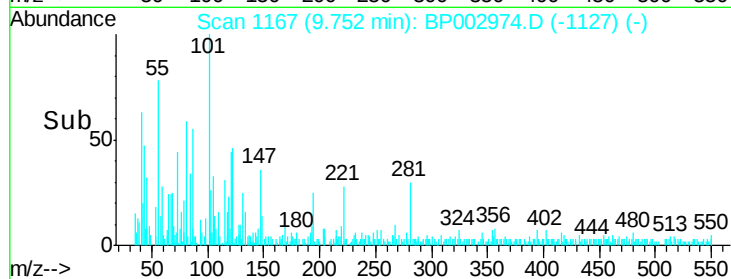
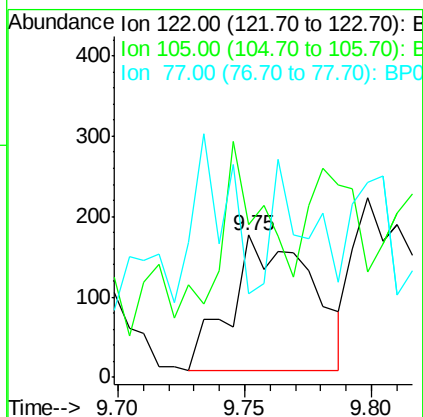
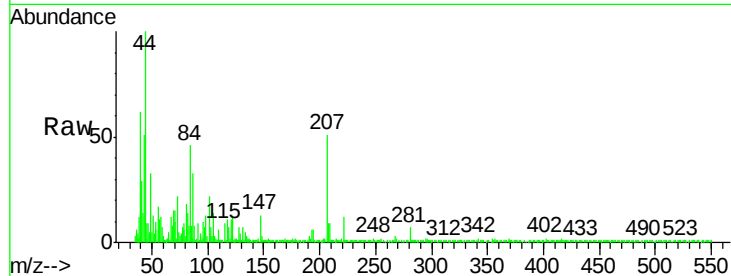




#32
Benzoic acid
Concen: 7.710 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

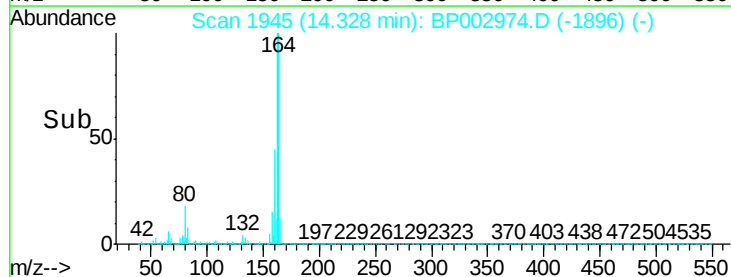
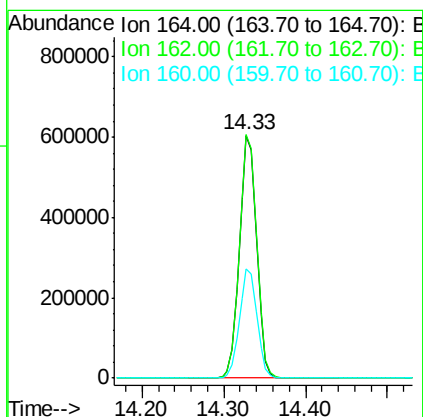
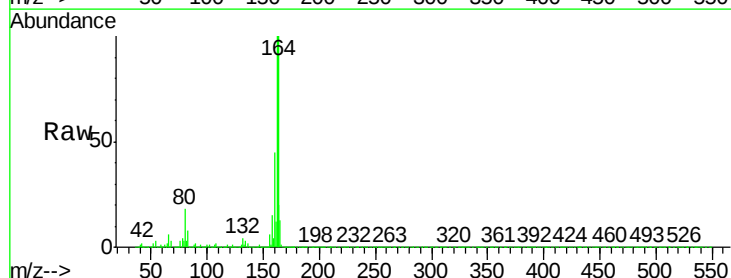
Instrument :
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ClientSampleId :
BS-STOCK-8

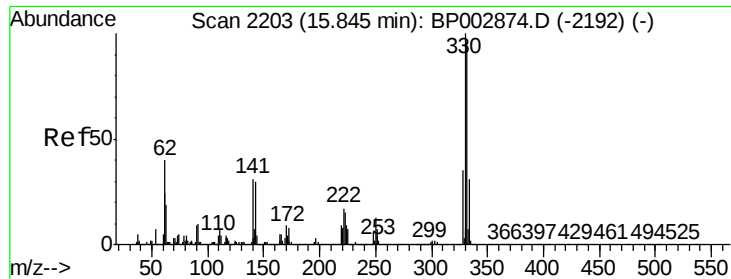
Tot Ion	Ratio	Lower	Upper
122	100		
105	131.6	95.8	135.8
77	58.8	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.4
160	45.2	36.2	54.4

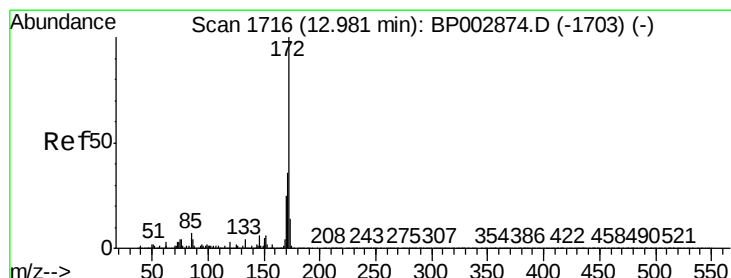
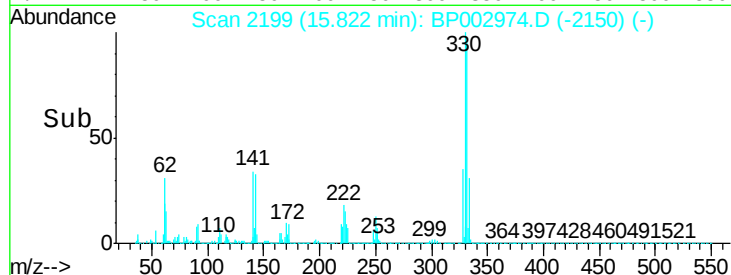
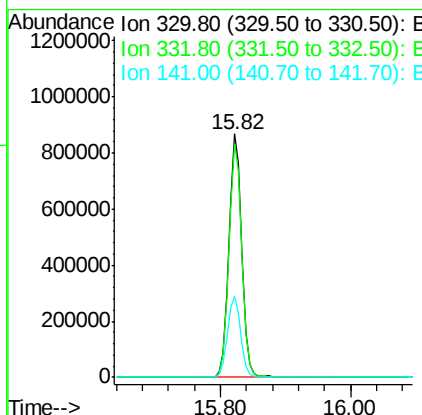
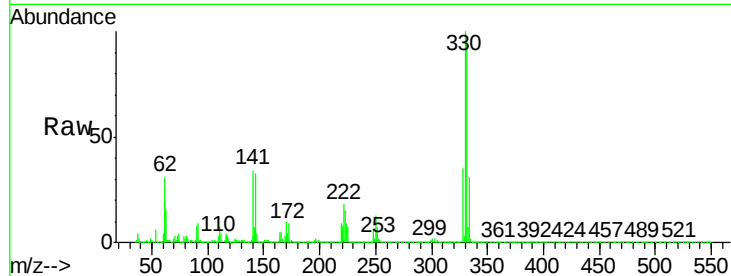




#42
 2,4,6-Tribromophenol
 Concen: 107.501 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

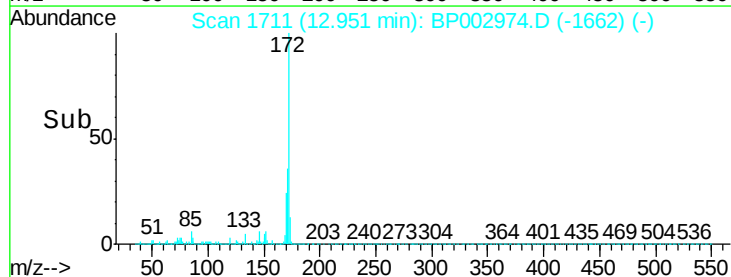
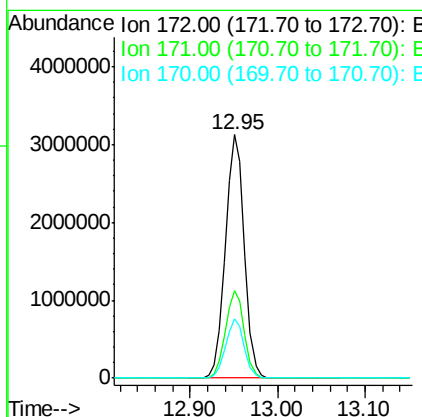
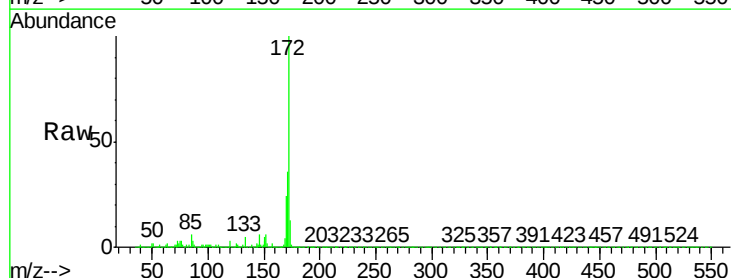
Instrument :
 BNA_P
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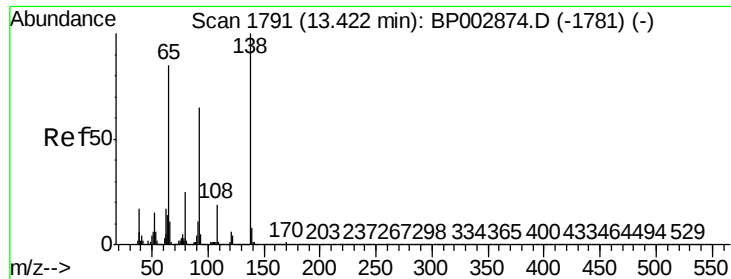
Tot Ion:330 Resp: 1182805
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.4
 141 34.3 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 71.589 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002974.D
 Acq: 13 Aug 2020 19:46

Tgt Ion:172 Resp: 4638416
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.2 19.6 29.4





#48

2-Nitroaniline

Concen: 3.987 ng

RT: 13.48 min Scan# 1801

Delta R.T. 0.08 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-8

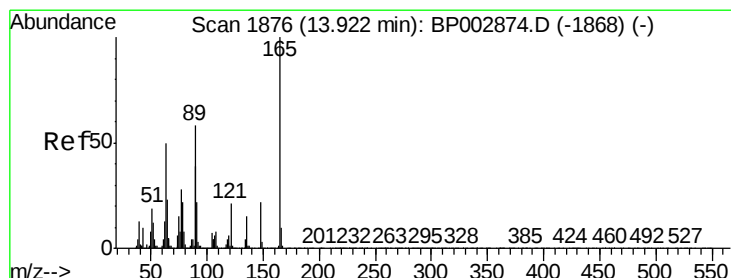
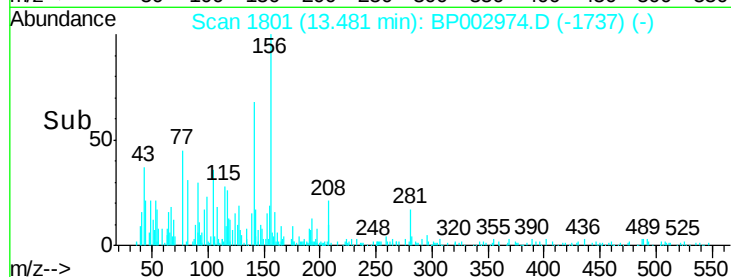
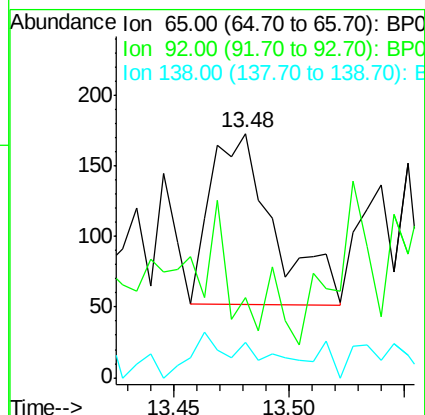
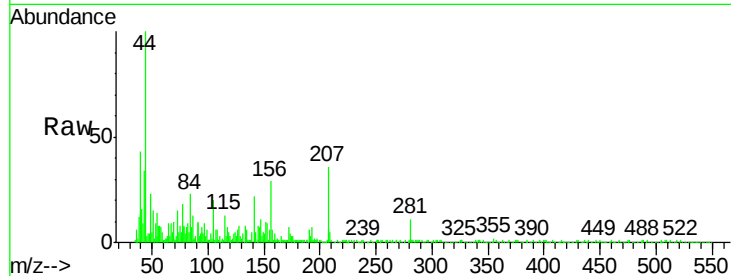
Tot Ion: 65 Resp: 234

Ion Ratio Lower Upper

65 100

92 32.9 69.6 104.4#

138 14.5 125.6 188.4#



#51

2,6-Dinitrotoluene

Concen: 2.960 ng

RT: 13.88 min Scan# 1869

Delta R.T. -0.03 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

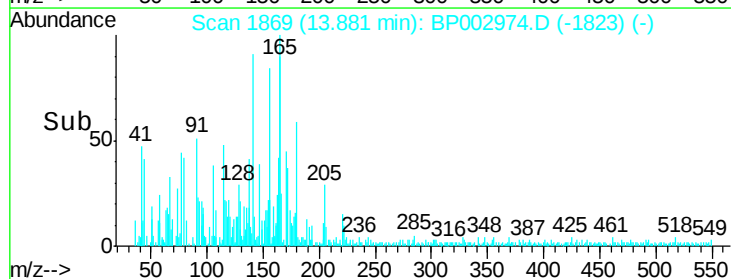
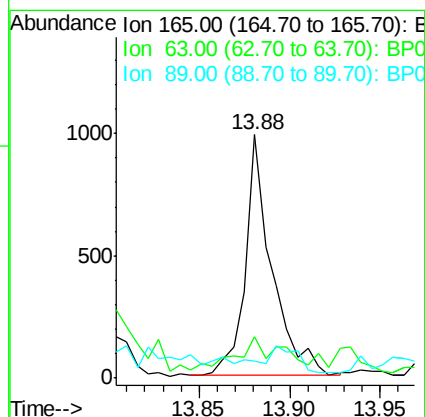
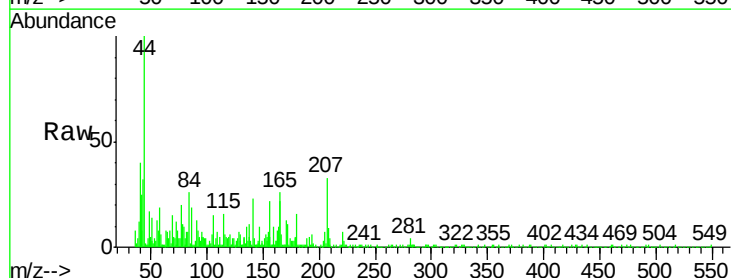
Tgt Ion: 165 Resp: 1001

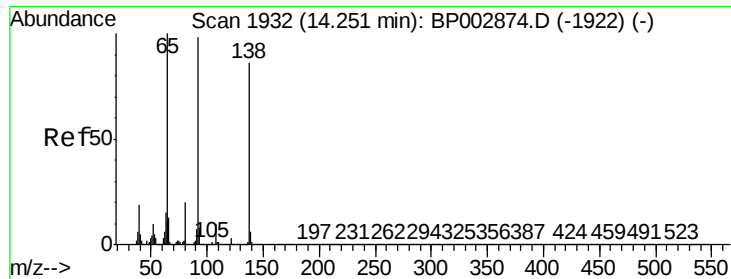
Ion Ratio Lower Upper

165 100

63 16.9 27.5 41.3#

89 6.9 35.3 52.9#

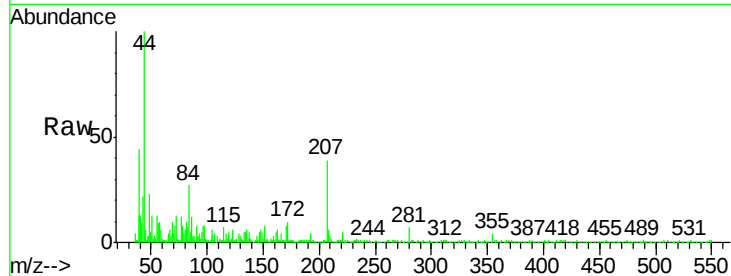




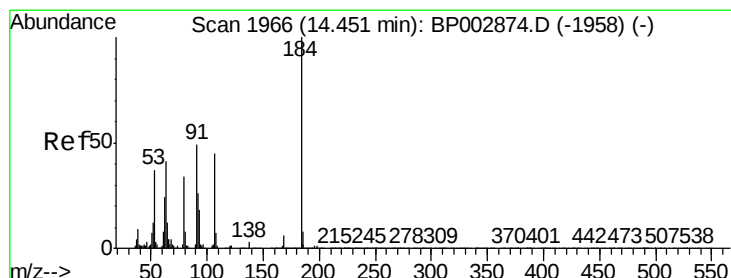
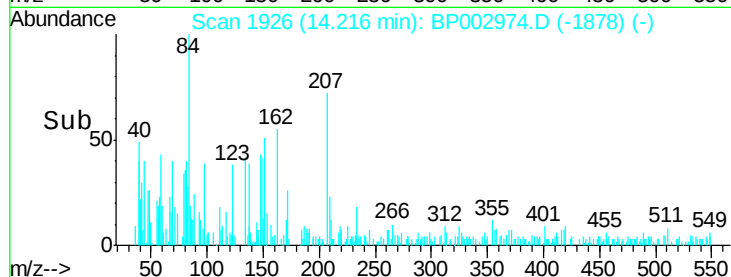
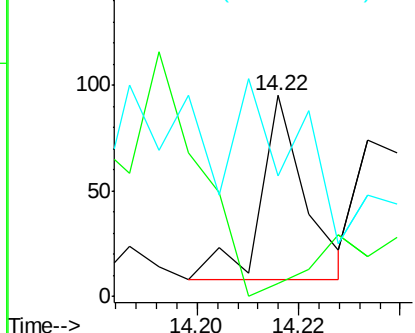
#53
3-Nitroaniline
Concen: 3.277 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-8

Tot Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
108 6.3 7.2 10.8#
92 60.0 75.8 113.6#

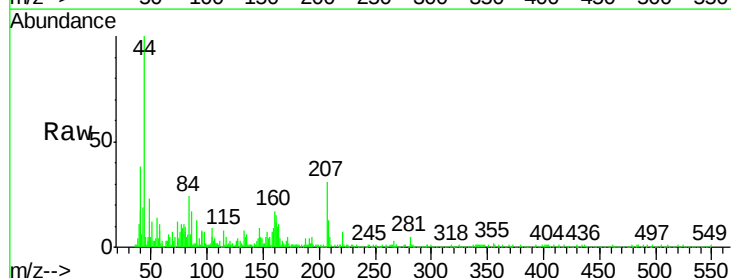


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

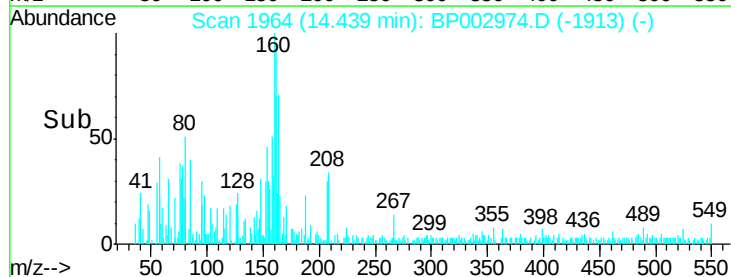
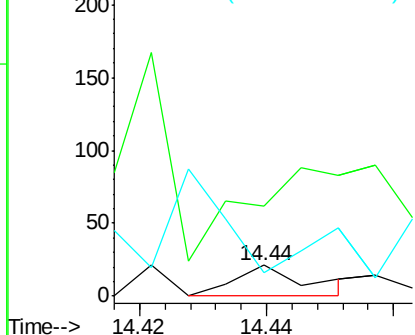


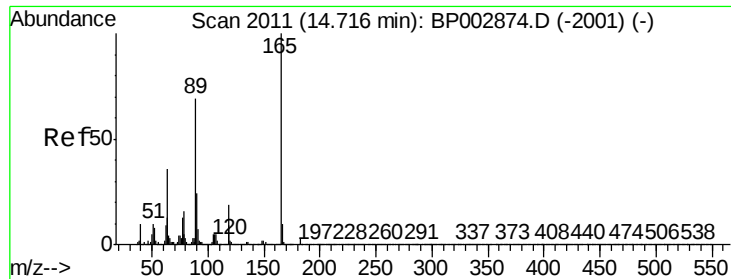
#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 295.2 36.4 54.6#
154 76.2 46.6 69.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

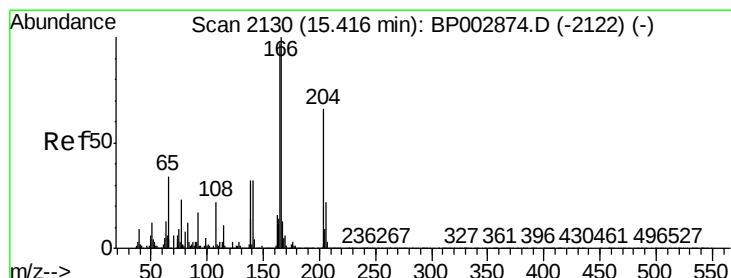
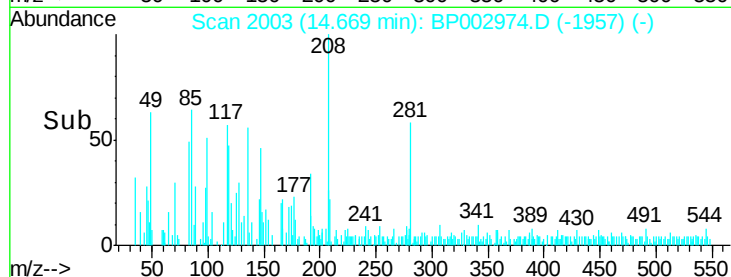
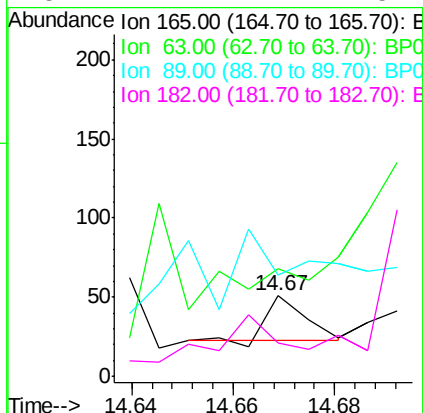
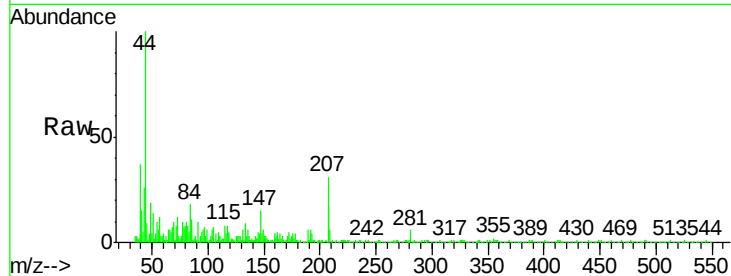




#57
2,4-Dinitrotoluene
Concen: 3.806 ng
RT: 14.67 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

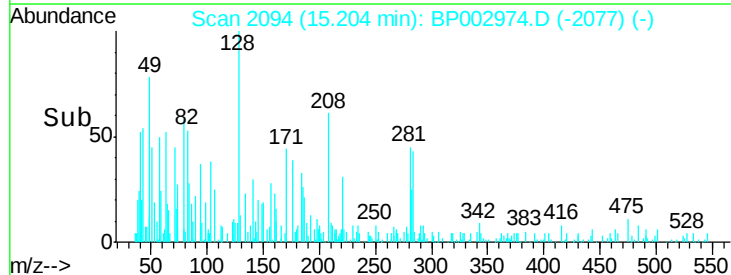
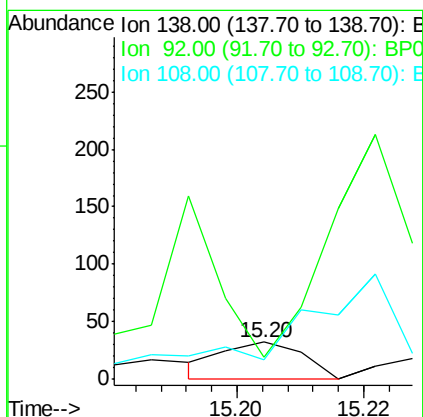
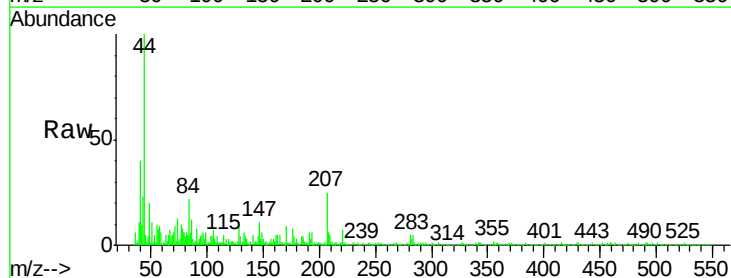
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-8

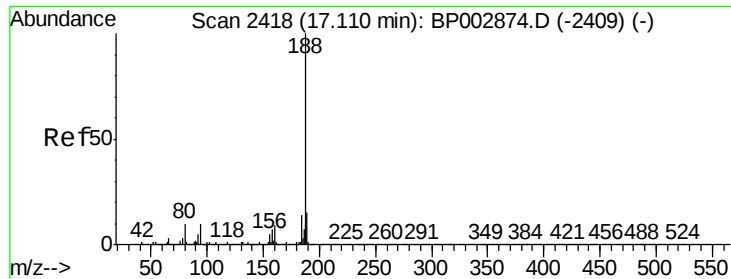
Tot Ion:165 Resp: 14
Ion Ratio Lower Upper
165 100
63 133.3 22.6 34.0#
89 137.3 46.2 69.2#
182 41.2 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.418 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.20 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Tgt Ion:138 Resp: 28
Ion Ratio Lower Upper
138 100
92 59.4 21.2 61.2
108 50.0 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: BP002974.D

Acq: 13 Aug 2020 19:46

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-8

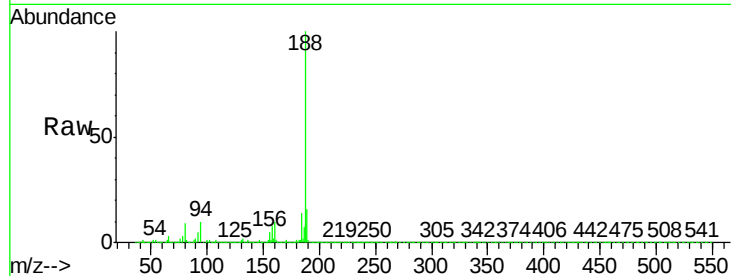
Tot Ion:188 Resp: 1889386

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

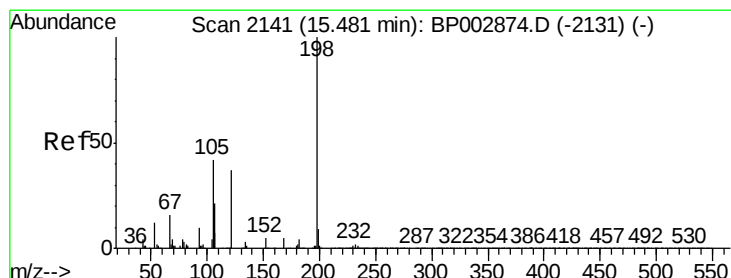
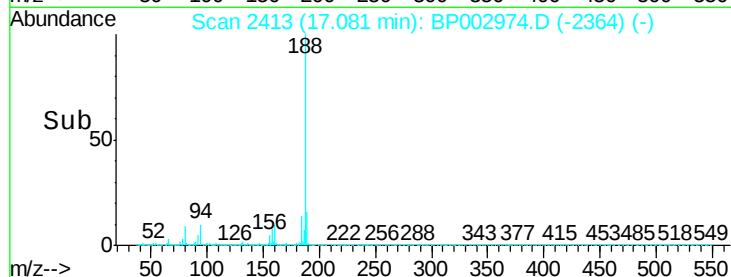
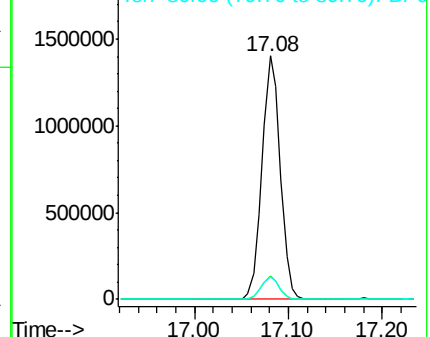
80 9.2 7.0 10.6



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: 6.902 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BP002974.D

Acq: 13 Aug 2020 19:46

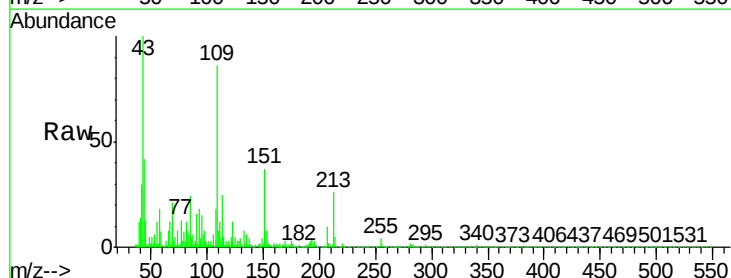
Tgt Ion:198 Resp: 26

Ion Ratio Lower Upper

198 100

51 1060.6 6.5 46.5#

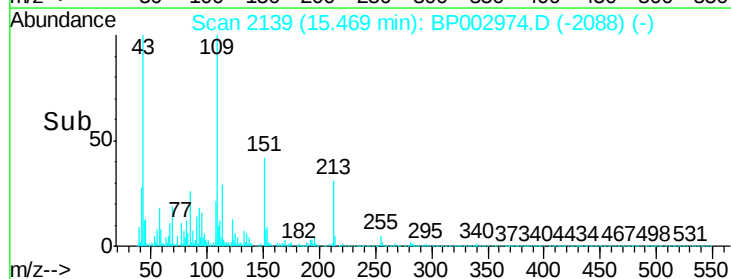
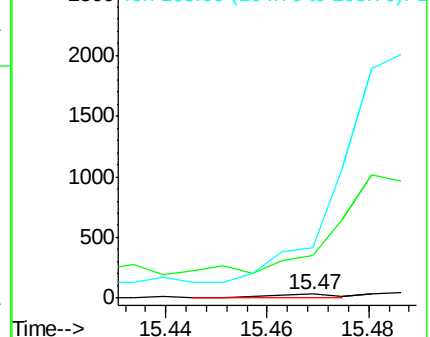
105 1257.6 20.4 60.4#

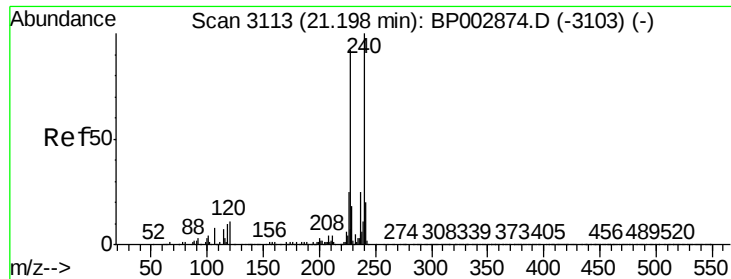


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

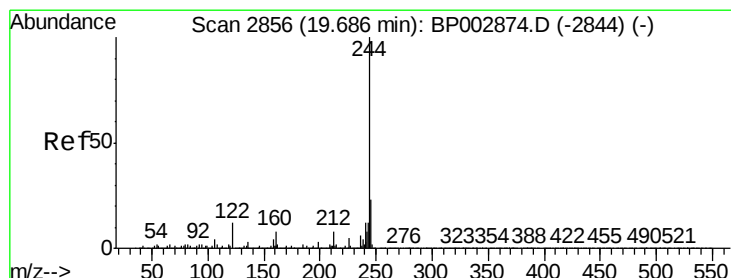
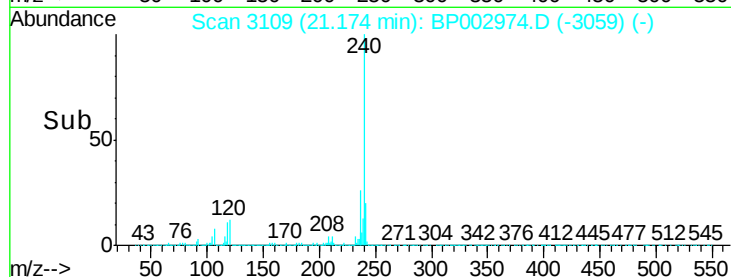
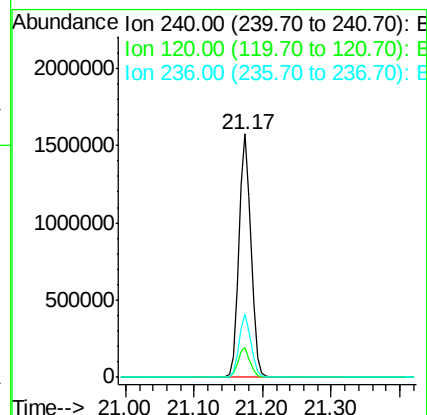
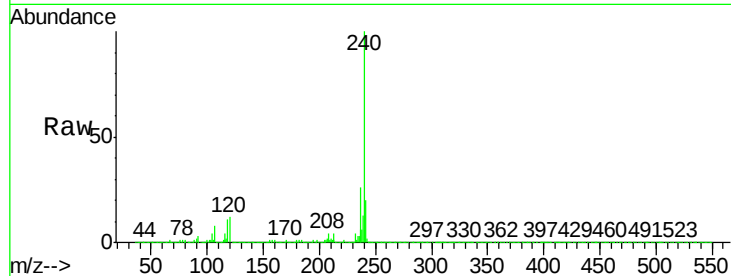




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

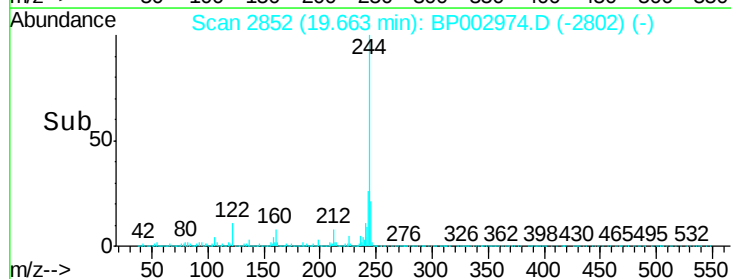
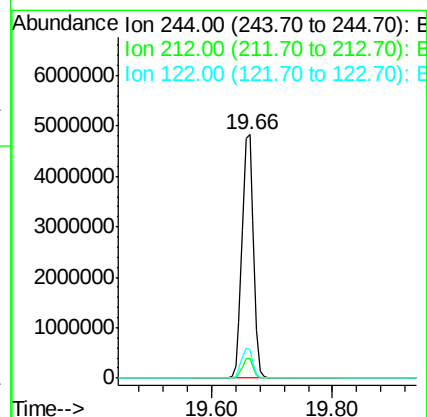
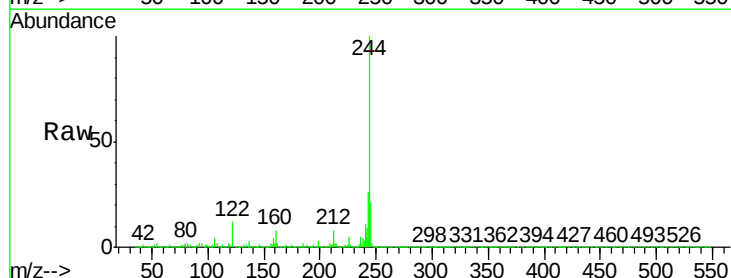
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-8

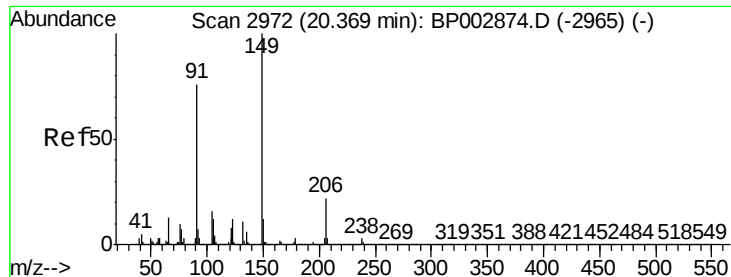
Tot Ion:240 Resp: 1912342
Ion Ratio Lower Upper
240 100
120 12.2 10.6 16.0
236 26.2 20.7 31.1



#79
Terphenyl-d14
Concen: 67.309 ng
RT: 19.66 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Tgt Ion:244 Resp: 6429643
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 11.5 9.9 14.9

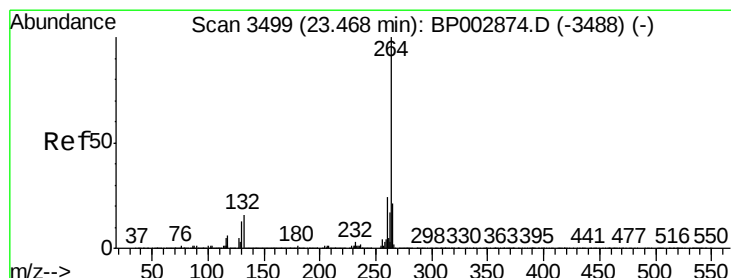
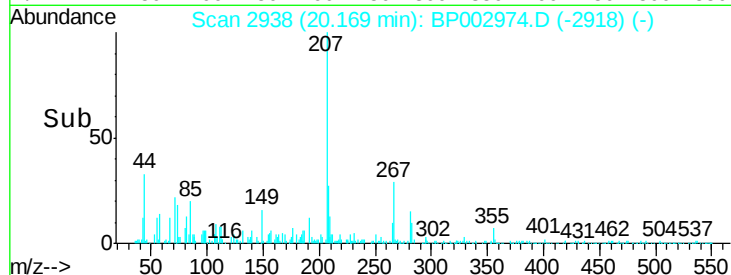
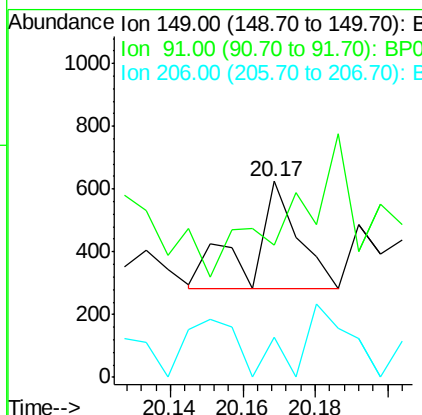
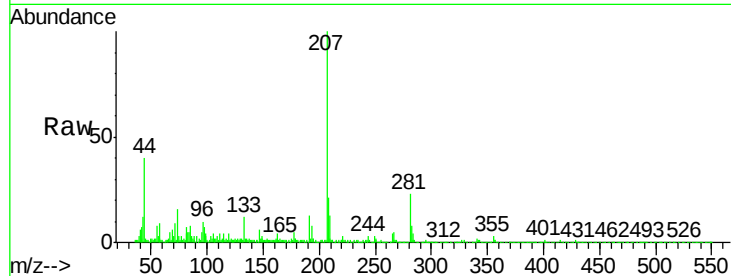




#80
Butylbenzylphthalate
Concen: 3.063 ng
RT: 20.17 min Scan# 2938
Delta R.T. -0.18 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-8

Tot Ion:149 Resp: 315
Ion Ratio Lower Upper
149 100
91 67.2 46.5 69.7
206 20.5 17.2 25.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP002974.D
Acq: 13 Aug 2020 19:46

Tgt Ion:264 Resp: 1979995
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.8 17.6 26.4

