

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002970.D
 Acq On : 13 Aug 2020 17:30
 Operator : CG/JU
 Sample : L3648-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

Quant Time: Aug 13 18:53:13 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	354253	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1470222	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	887414	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1855766	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1824547	20.00	ng	0.00
86) Perylene-d12	23.42	264	1930112	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1434961	62.00	ng	0.00
7) Phenol-d6	6.86	99	1240994	38.62	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1950478	71.85	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1340395	121.53	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	5393158	83.04	ng	-0.01
79) Terphenyl-d14	19.66	244	6946300	76.22	ng	0.00

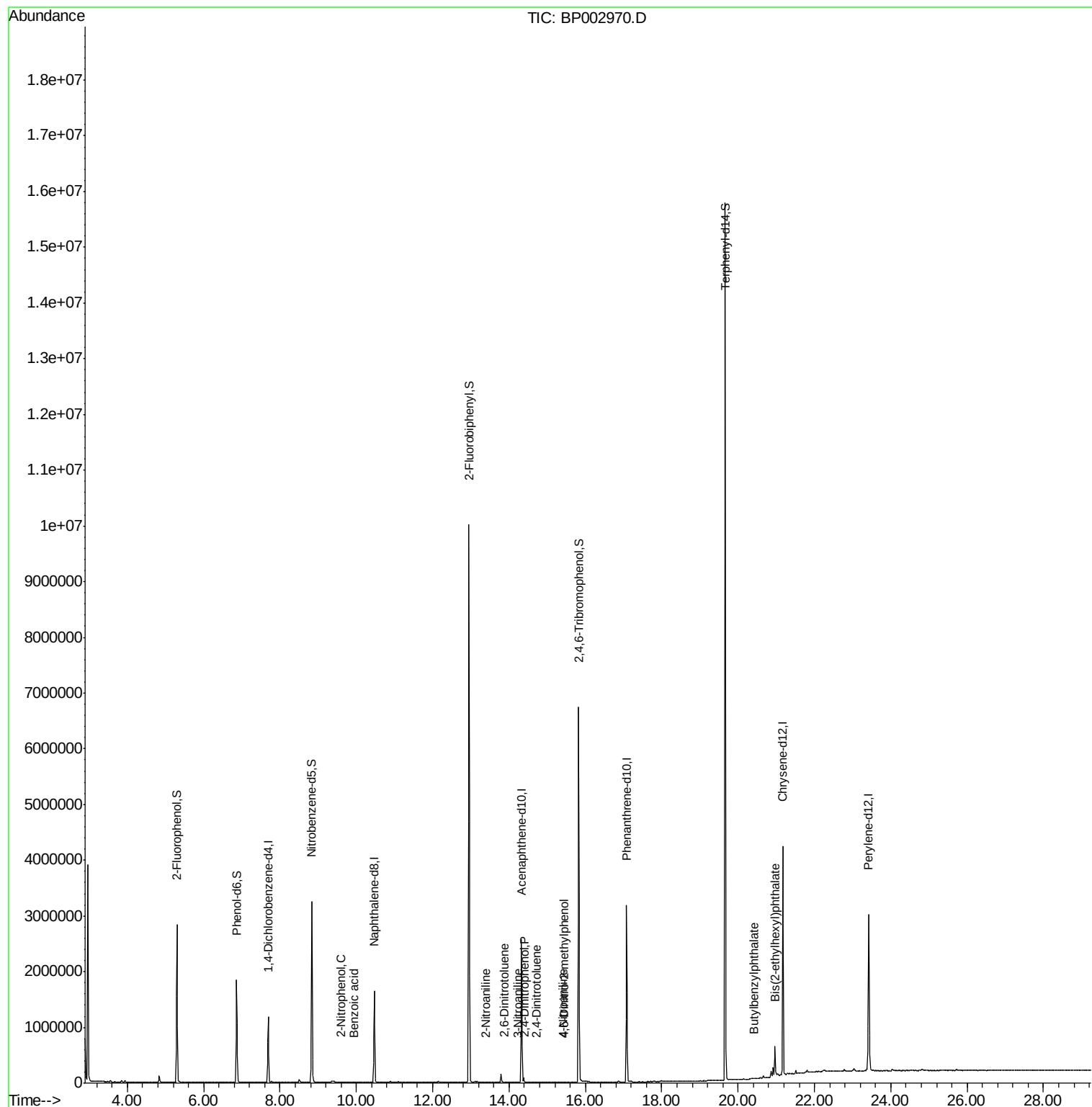
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	30	4.523	ng	# 1
32) Benzoic acid	9.93	122	143	7.695	ng	96
48) 2-Nitroaniline	13.39	65	80	3.977	ng	# 10
51) 2,6-Dinitrotoluene	13.88	165	579	2.934	ng	# 69
53) 3-Nitroaniline	14.23	138	19	3.275	ng	# 3
54) 2,4-Dinitrophenol	14.40	184	27	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	185	3.814	ng	# 68
62) 4-Nitroaniline	15.41	138	11	2.417	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.45	198	15	6.902	ng	# 1
80) Butylbenzylphthalate	20.43	149	157	3.061	ng	91
84) Bis(2-ethylhexyl)phthalate	20.96	149	240916	3.413	ng	# 52

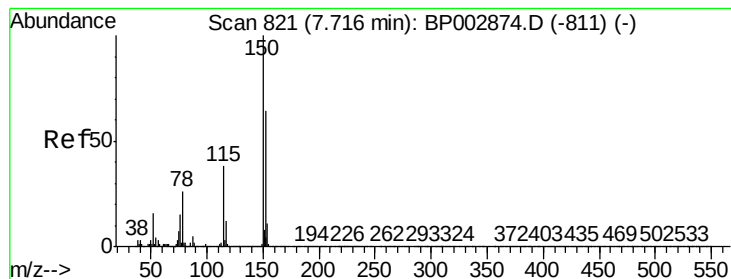
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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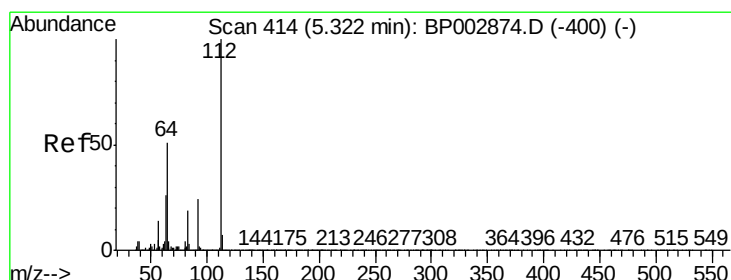
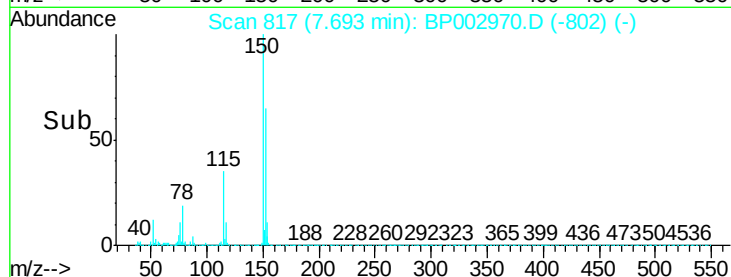
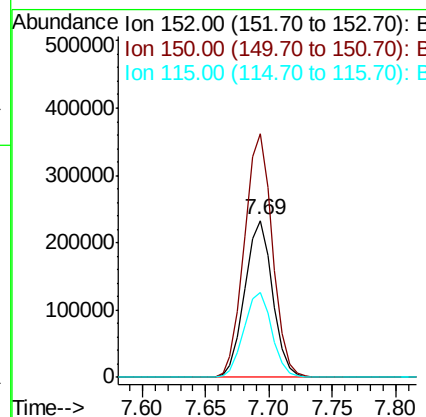
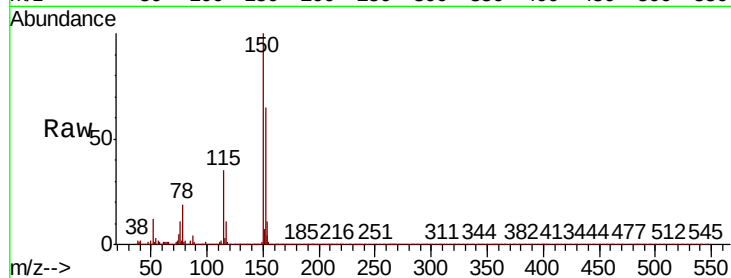


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

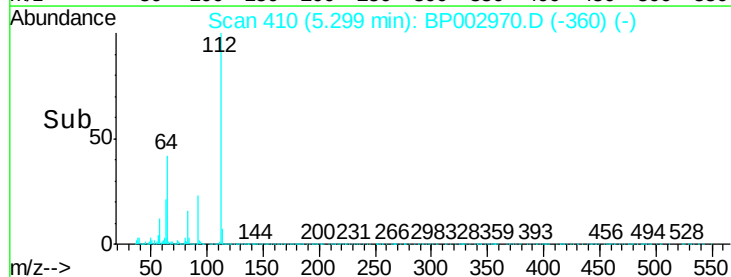
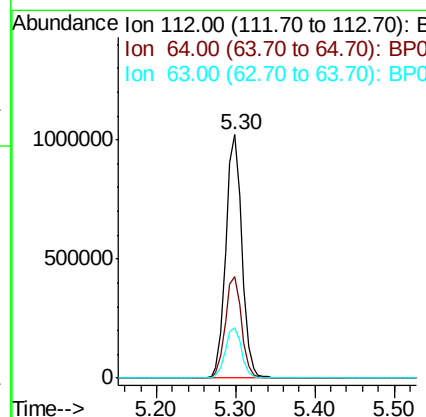
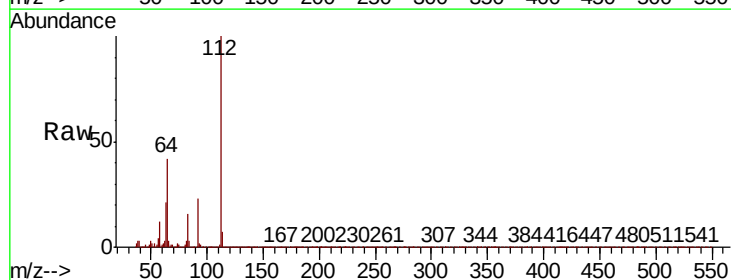
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.4
115	54.0	42.1	63.1

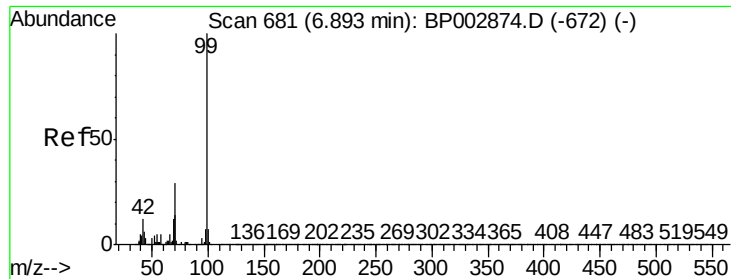


#5

2-Fluorophenol
Concen: 61.995 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	33.8	50.8
63	20.7	17.2	25.8





#7

Phenol-d6

Concen: 38.617 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002970.D

Acq: 13 Aug 2020 17:30

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

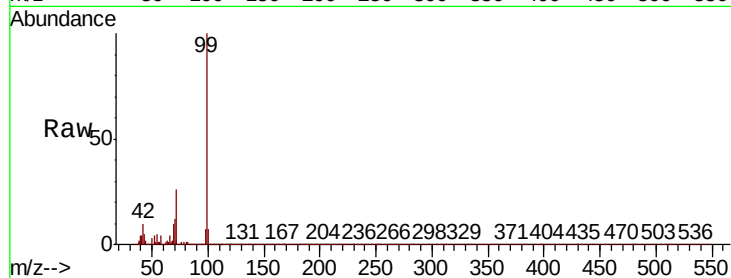
Tot Ion: 99 Resp: 1240994

Ion Ratio Lower Upper

99 100

42 10.3 8.1 12.1

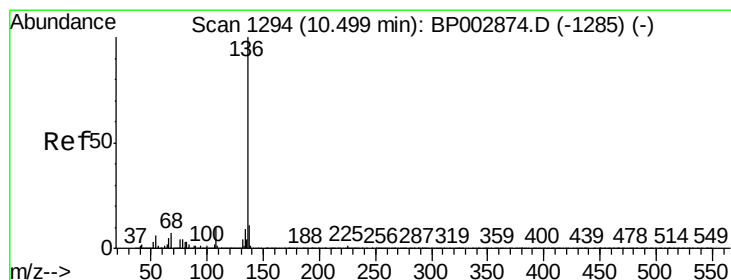
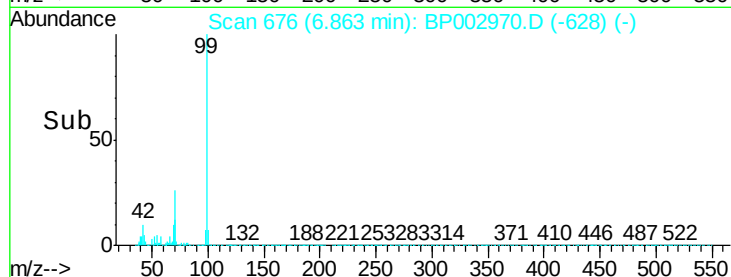
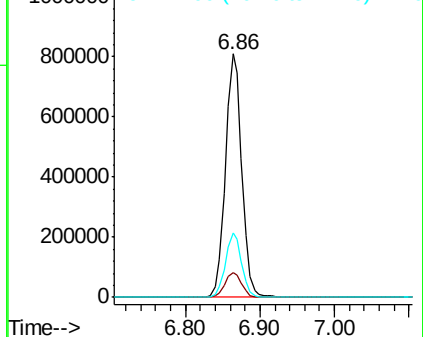
71 26.4 21.0 31.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP002970.D

Acq: 13 Aug 2020 17:30

Tgt Ion: 136 Resp: 1470222

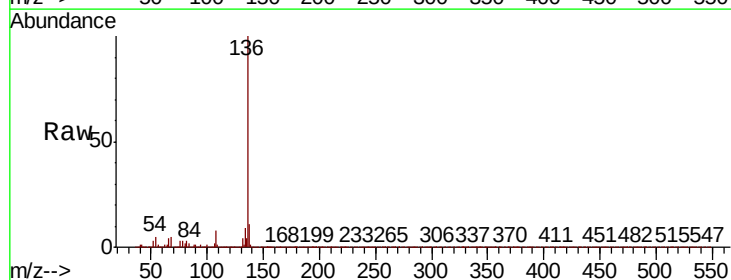
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 4.8 3.9 5.9

68 4.7 3.8 5.8

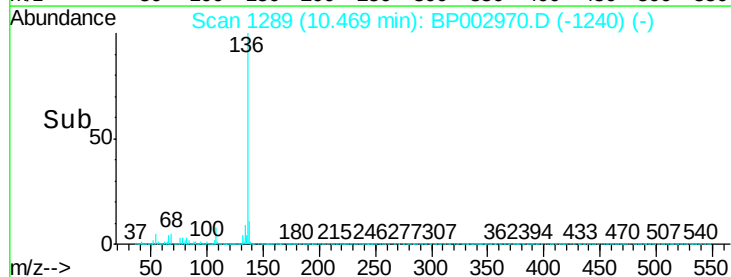
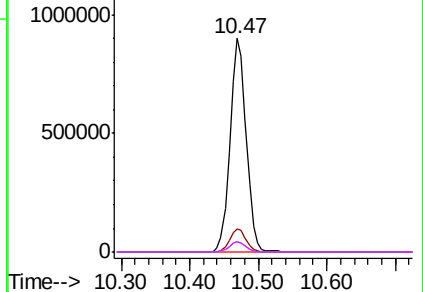


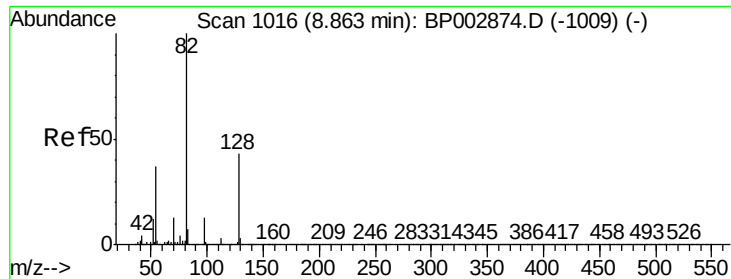
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



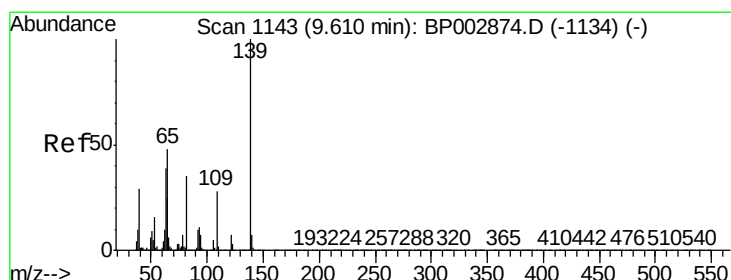
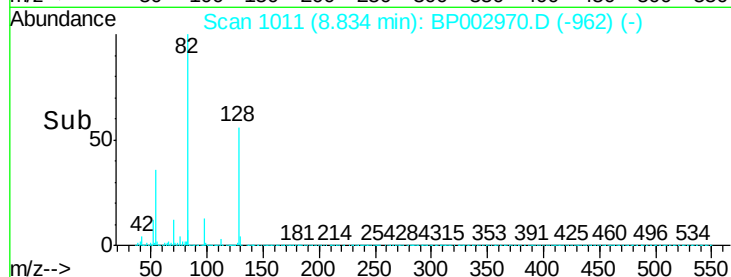
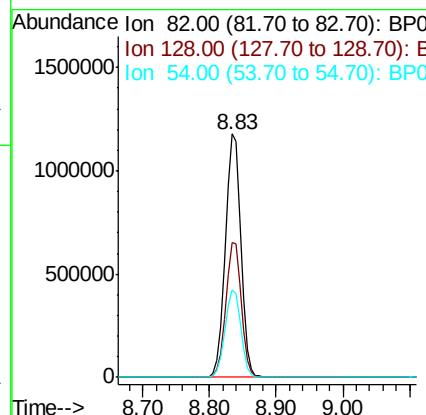
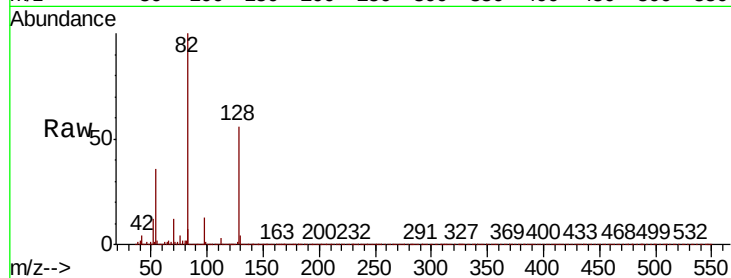


#23
 Nitrobenzene-d5
 Concen: 71.855 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002970.D
 Acq: 13 Aug 2020 17:30

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

Tot Ion: 82 Resp: 1950478

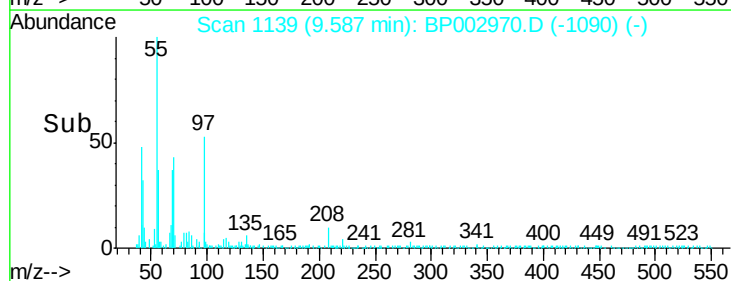
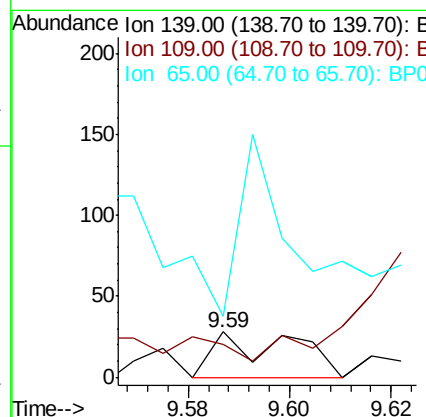
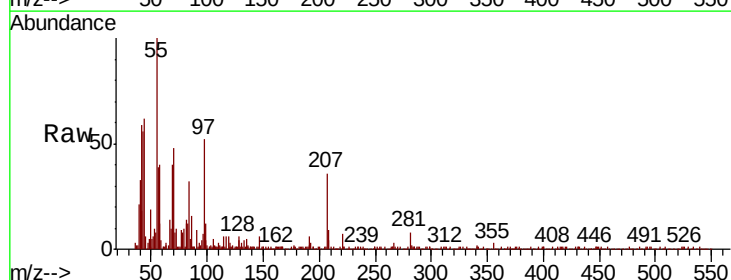
Ion	Ratio	Lower	Upper
82	100		
128	55.6	44.6	66.8
54	36.1	29.2	43.8

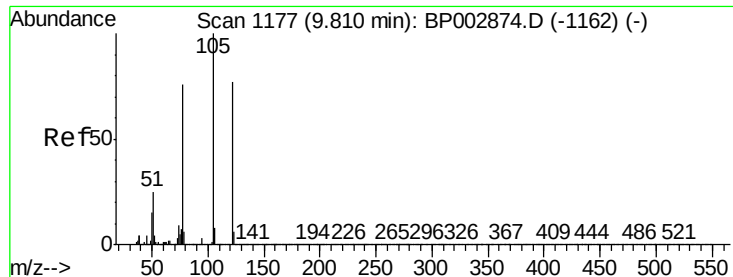


#26
 2-Nitrophenol
 Concen: 4.523 ng
 RT: 9.59 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BP002970.D
 Acq: 13 Aug 2020 17:30

Tgt Ion: 139 Resp: 30

Ion	Ratio	Lower	Upper
139	100		
109	71.4	19.5	29.3#
65	135.7	26.6	40.0#

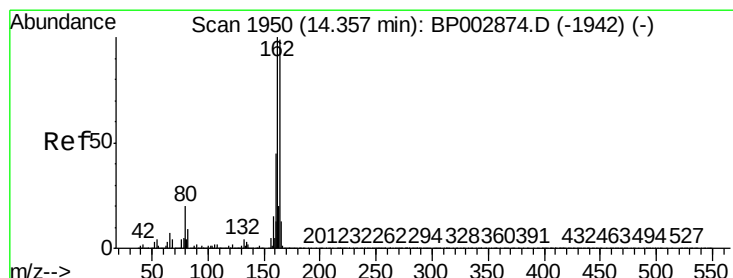
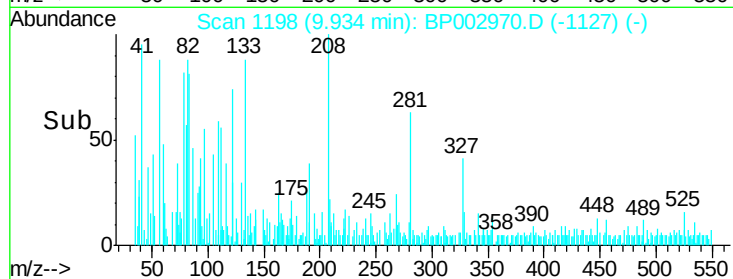
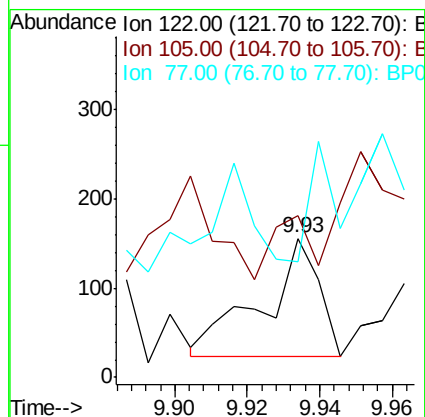
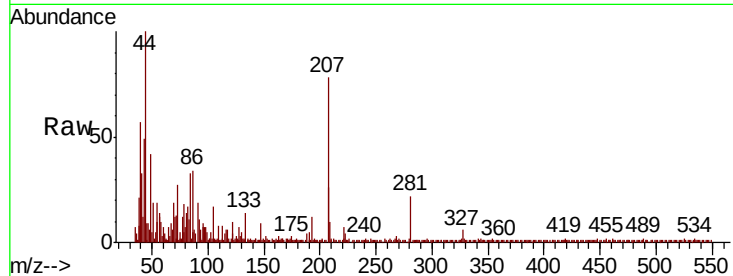




#32
Benzoic acid
Concen: 7.695 ng
RT: 9.93 min Scan# 1198
Delta R.T. 0.12 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

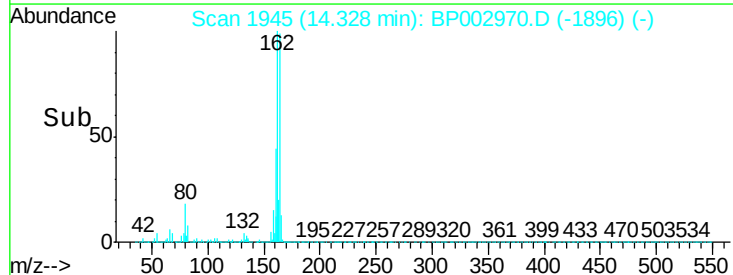
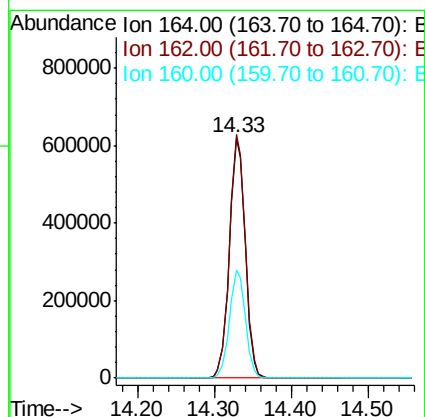
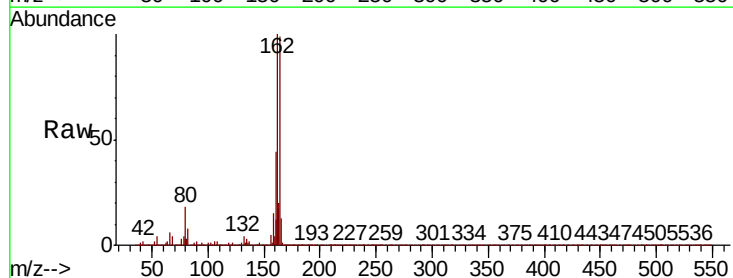
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

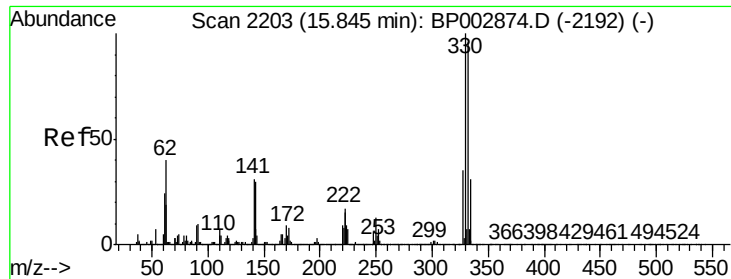
Tot Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 116.7 95.8 135.8
77 82.7 54.7 94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

Tgt Ion:164 Resp: 887414
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.1 36.2 54.4



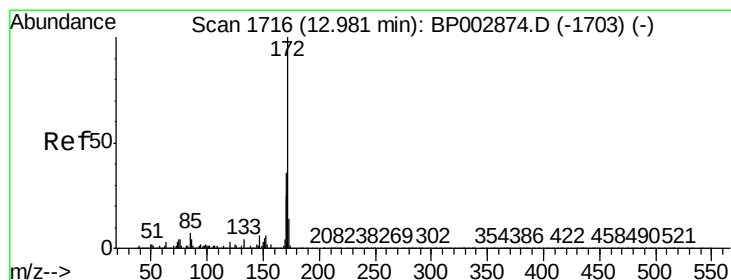
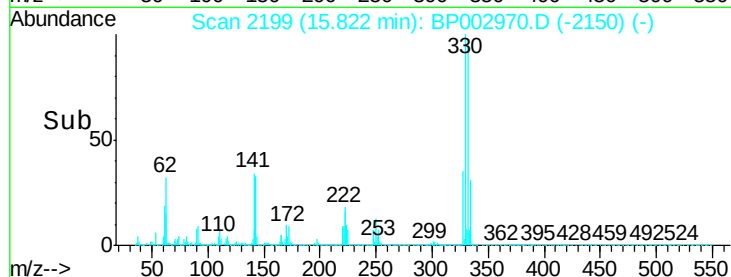
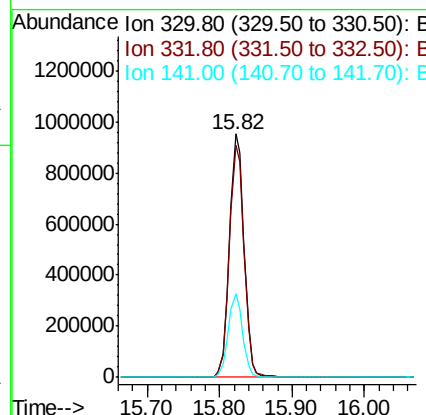
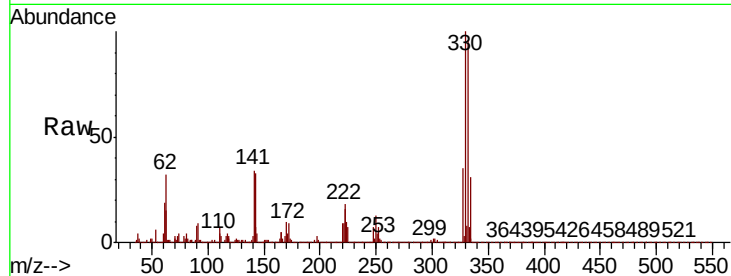


#42
 2,4,6-Tribromophenol
 Concen: 121.528 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002970.D
 Acq: 13 Aug 2020 17:30

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

Tot Ion:330 Resp: 1340395

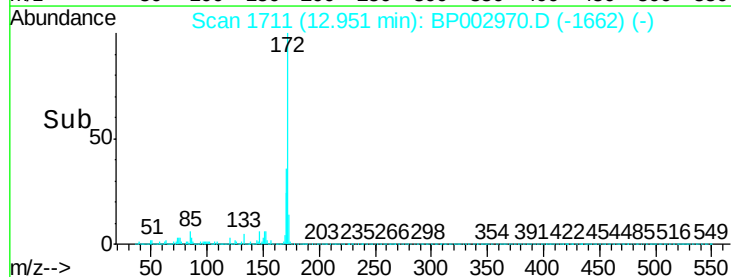
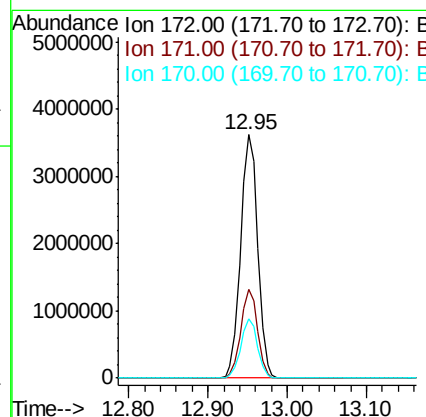
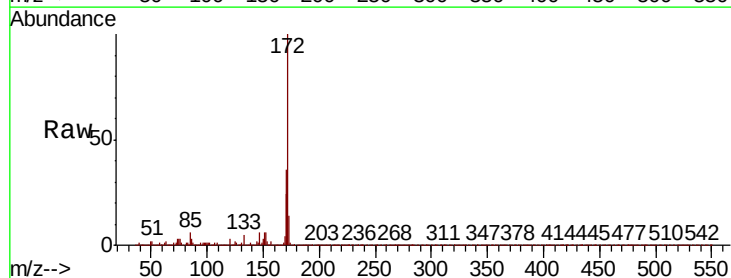
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	34.1	28.6	43.0

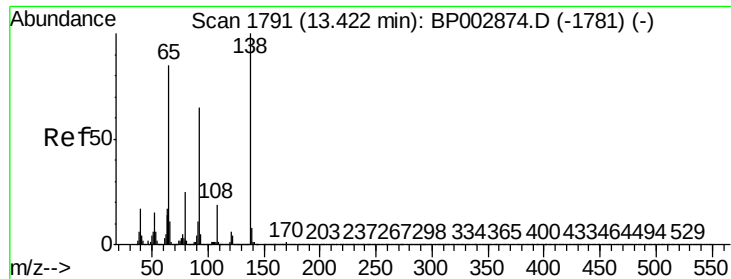


#45
 2-Fluorobiphenyl
 Concen: 83.035 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002970.D
 Acq: 13 Aug 2020 17:30

Tgt Ion:172 Resp: 5393158

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.1	19.6	29.4





#48

2-Nitroaniline

Concen: 3.977 ng

RT: 13.39 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BP002970.D

Acq: 13 Aug 2020 17:30

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

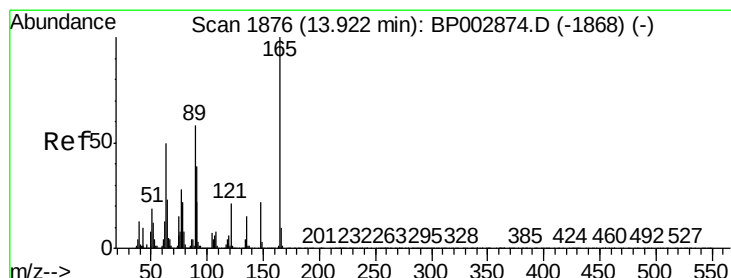
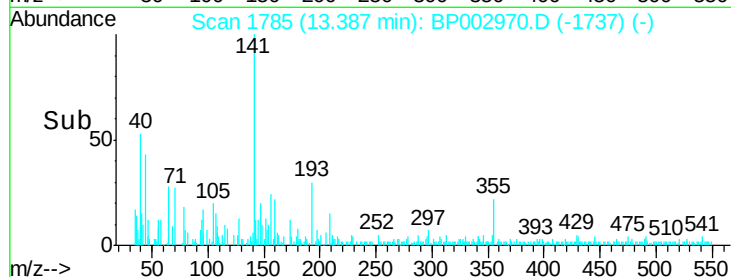
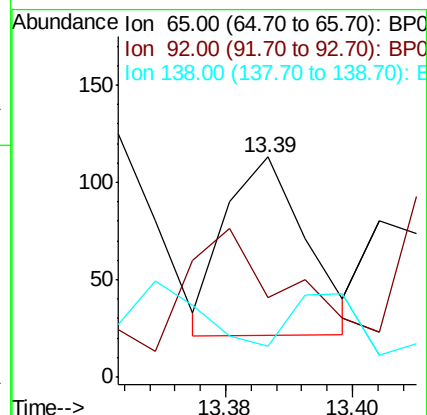
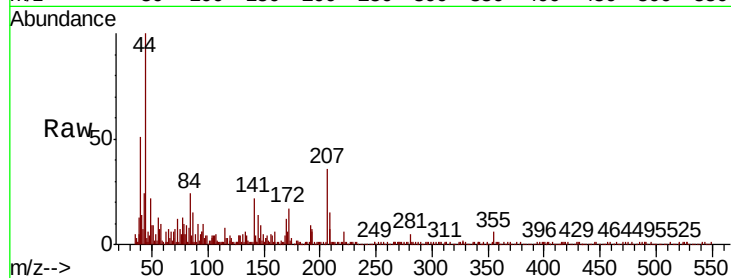
Tot Ion: 65 Resp: 80

Ion Ratio Lower Upper

65 100

92 36.3 69.6 104.4#

138 14.2 125.6 188.4#



#51

2,6-Dinitrotoluene

Concen: 2.934 ng

RT: 13.88 min Scan# 1869

Delta R.T. -0.03 min

Lab File: BP002970.D

Acq: 13 Aug 2020 17:30

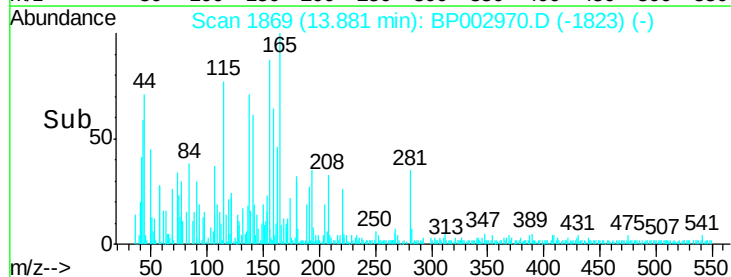
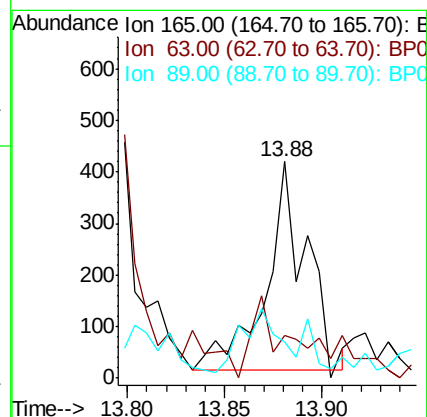
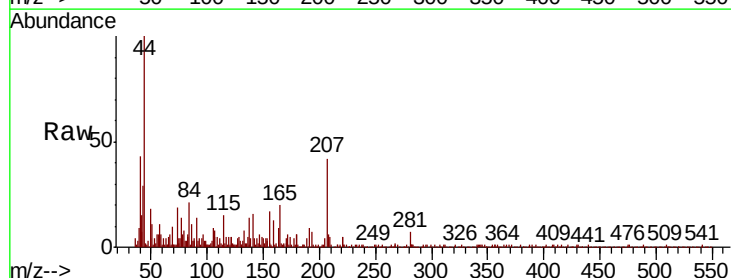
Tgt Ion: 165 Resp: 579

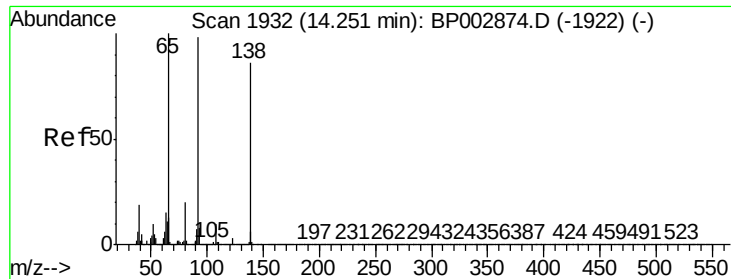
Ion Ratio Lower Upper

165 100

63 24.5 27.5 41.3#

89 16.7 35.3 52.9#

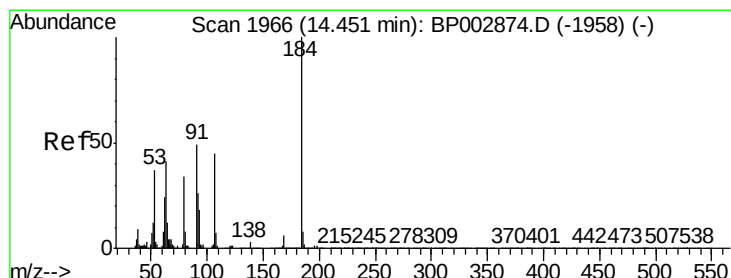
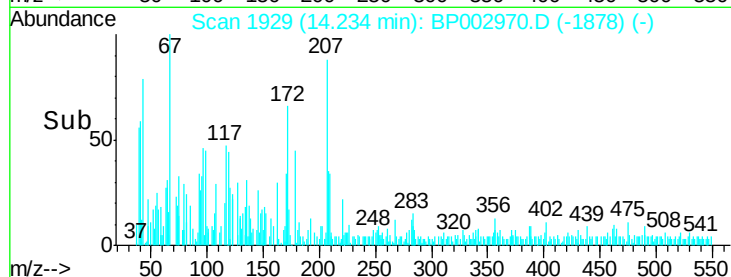
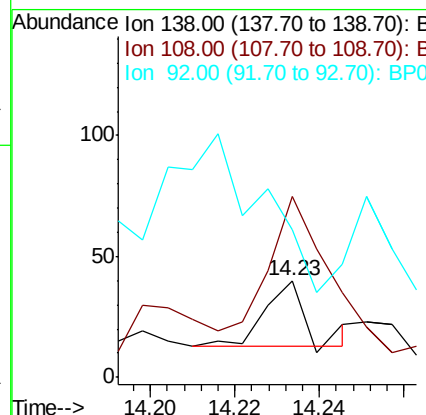
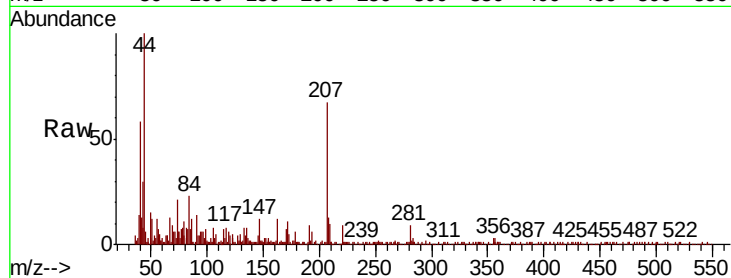




#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

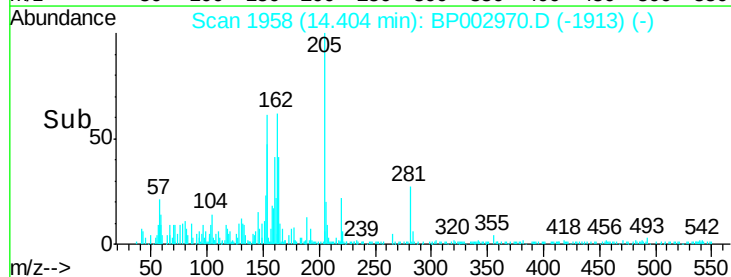
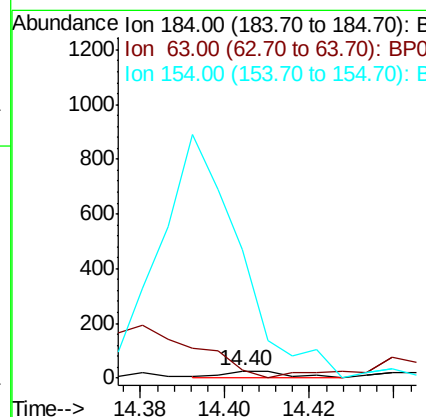
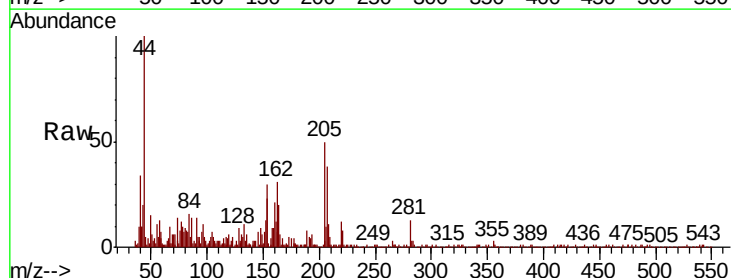
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

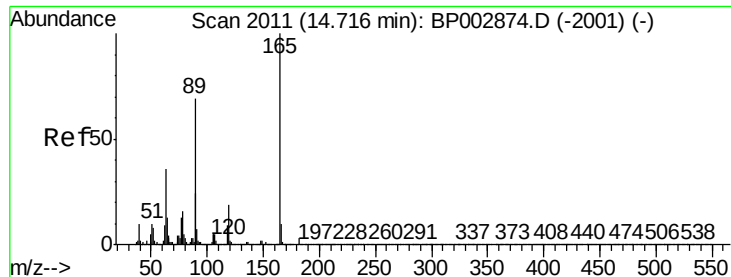
Tot Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
108 187.5 7.2 10.8#
92 152.5 75.8 113.6#



#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.04 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 103.8 36.4 54.6#
154 1796.2 46.6 69.8#

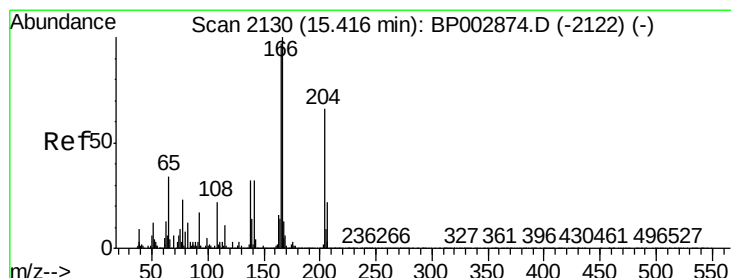
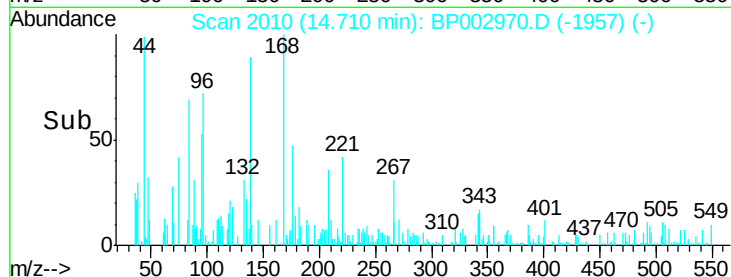
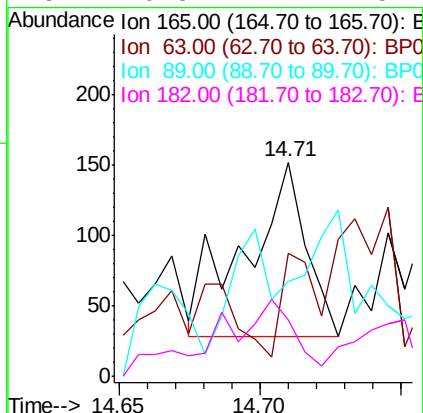
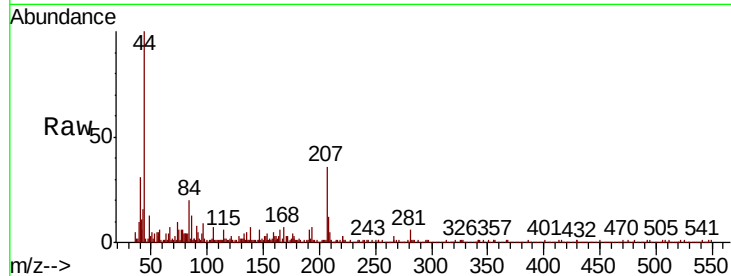




#57
2,4-Dinitrotoluene
Concen: 3.814 ng
RT: 14.71 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

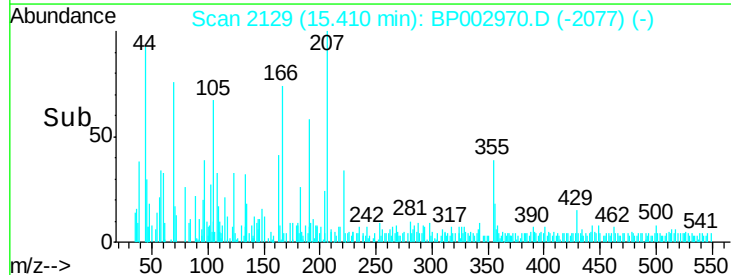
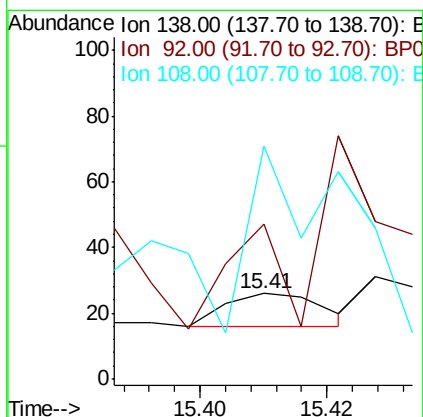
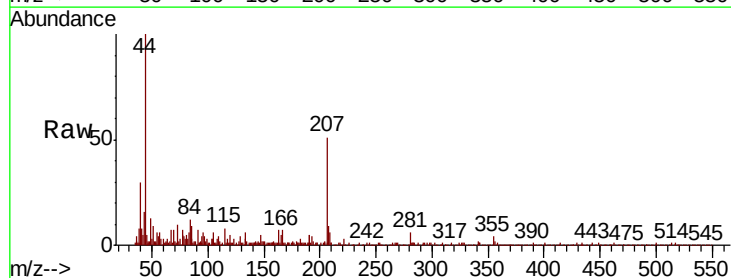
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

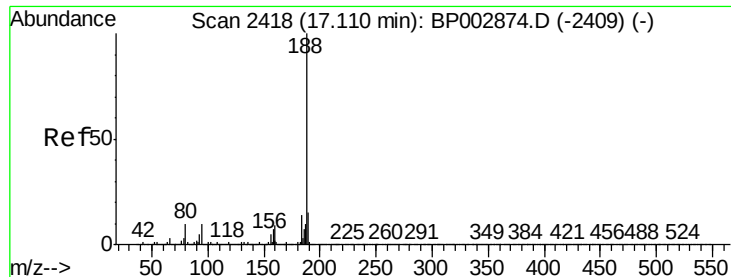
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	22.6	34.0#
89	44.1	46.2	69.2#
182	26.3	2.2	3.4#



#62
4-Nitroaniline
Concen: 2.417 ng
RT: 15.41 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	180.8	21.2	61.2#
108	273.1	40.5	80.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002970.D

Acq: 13 Aug 2020 17:30

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-4

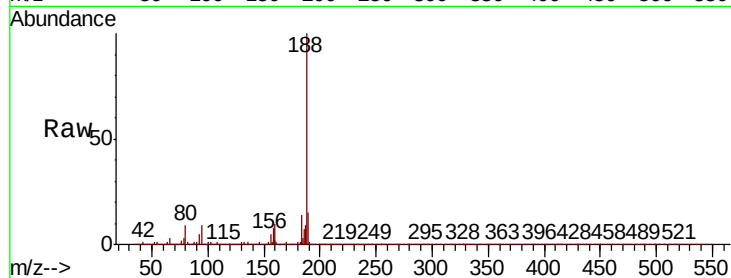
Tot Ion:188 Resp: 1855766

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

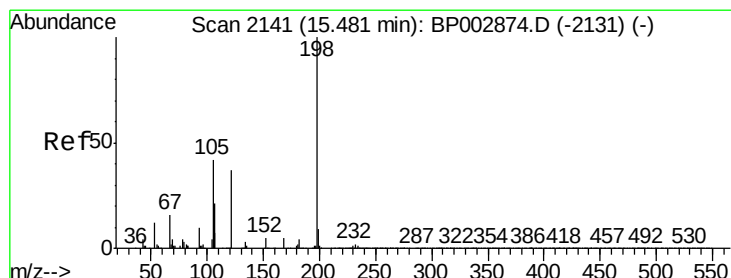
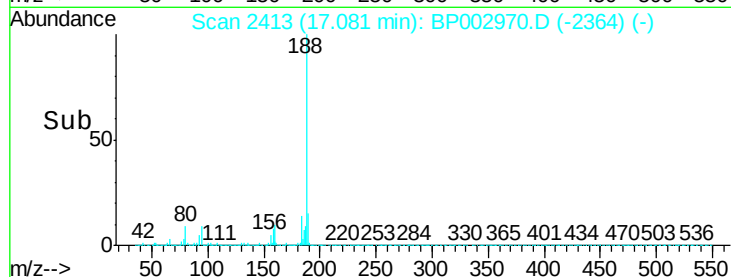
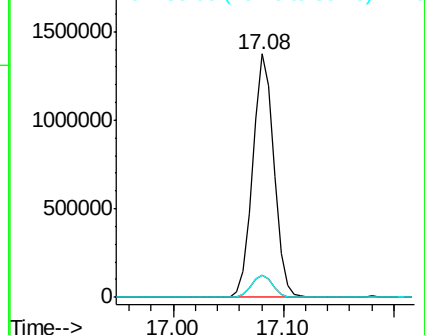
80 8.9 7.0 10.6



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: 15.45 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BP002970.D

Acq: 13 Aug 2020 17:30

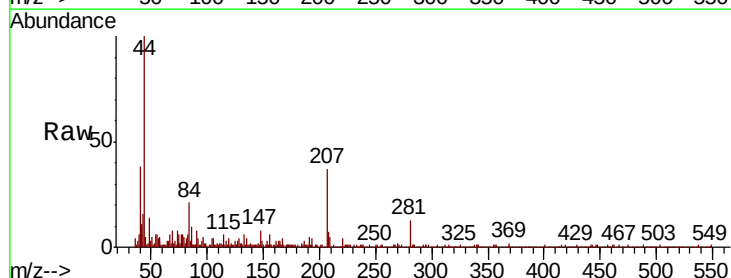
Tgt Ion:198 Resp: 15

Ion Ratio Lower Upper

198 100

51 752.9 6.5 46.5#

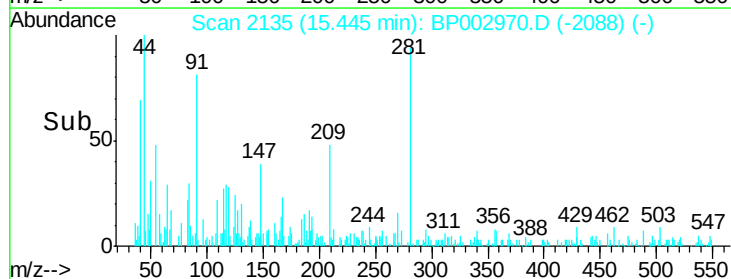
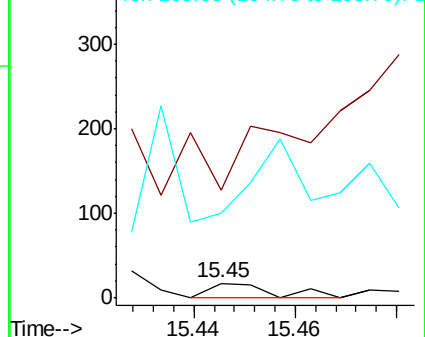
105 588.2 20.4 60.4#

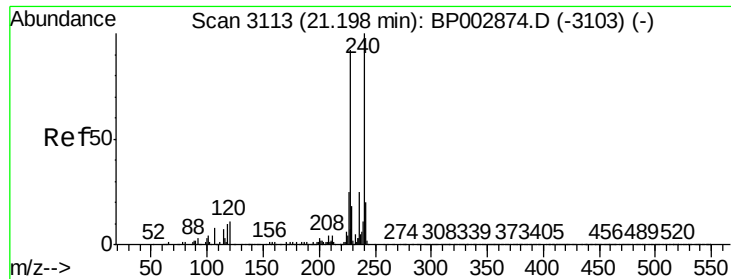


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

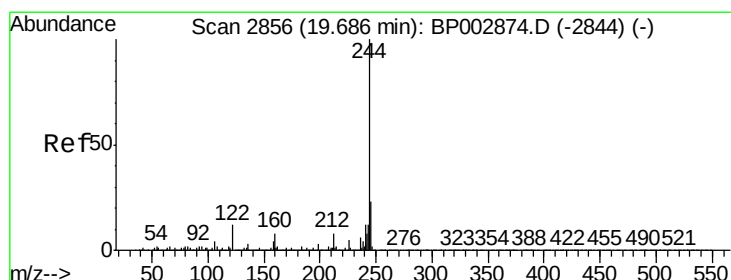
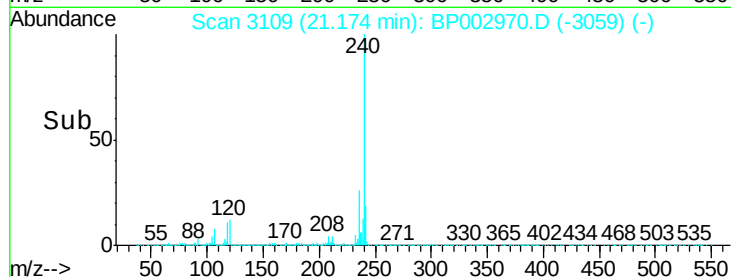
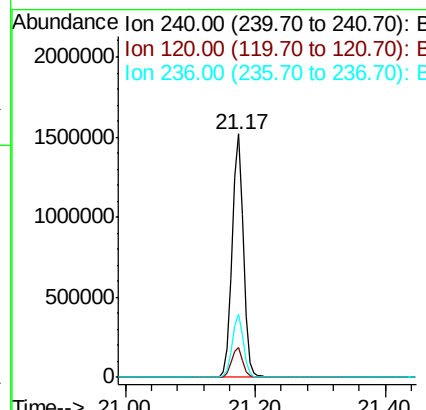
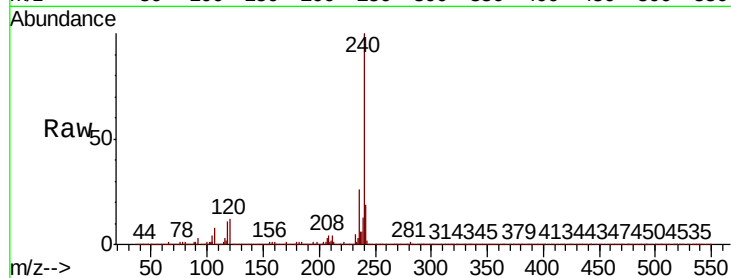




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BP002970.D
 Acq: 13 Aug 2020 17:30

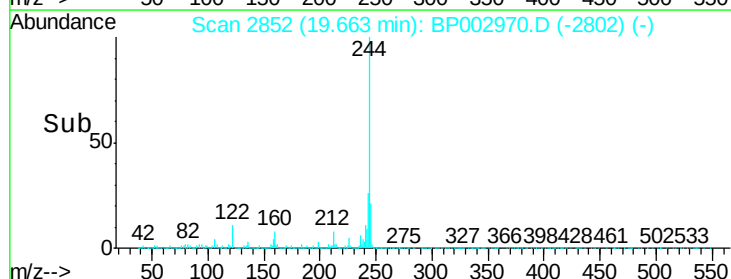
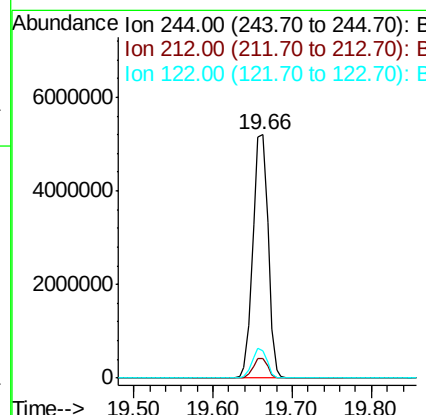
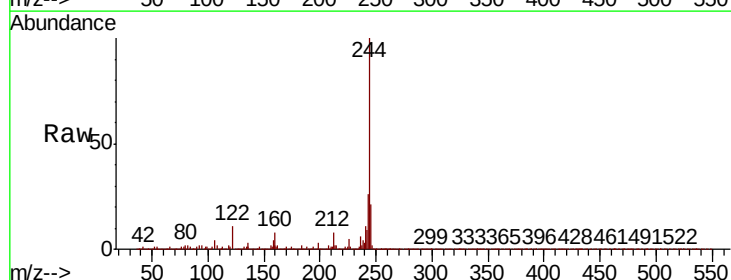
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-4

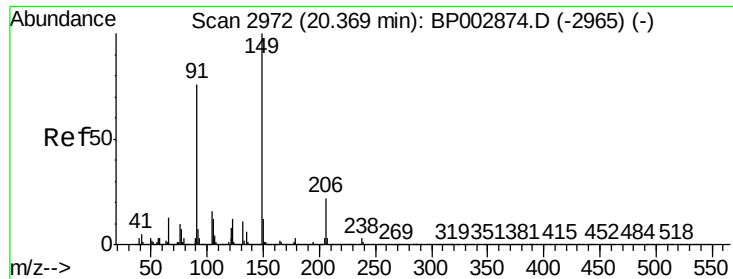
Tot Ion:240 Resp: 1824547
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.6 16.0
 236 25.7 20.7 31.1



#79
 Terphenyl-d14
 Concen: 76.217 ng
 RT: 19.66 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BP002970.D
 Acq: 13 Aug 2020 17:30

Tgt Ion:244 Resp: 6946300
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 11.1 9.9 14.9

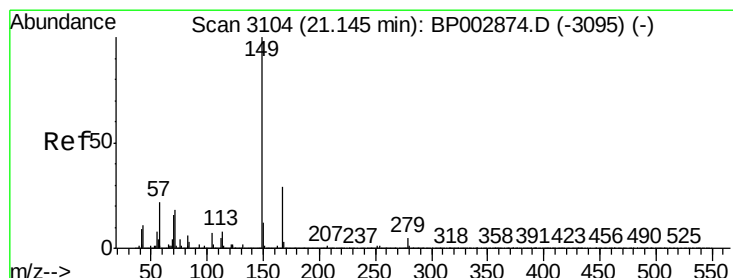
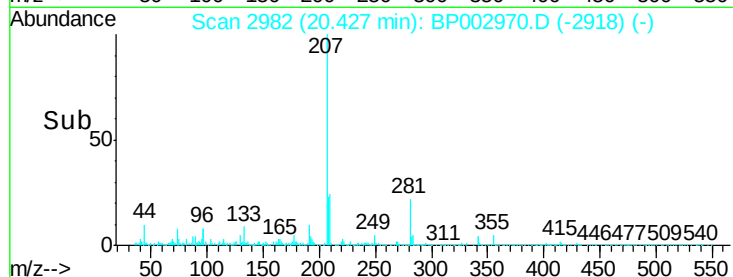
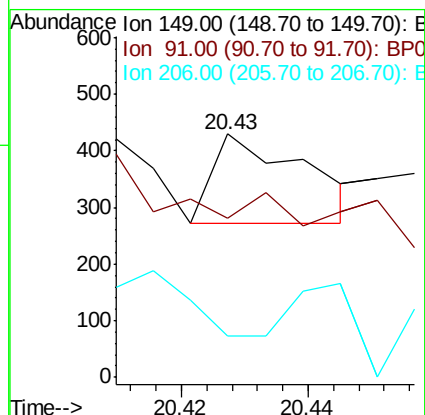
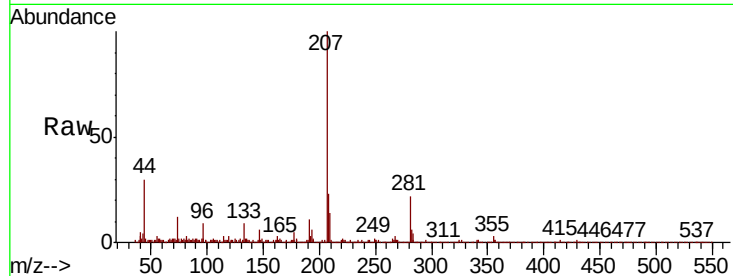




#80
Butylbenzylphthalate
Concen: 3.061 ng
RT: 20.43 min Scan# 2982
Delta R.T. 0.08 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

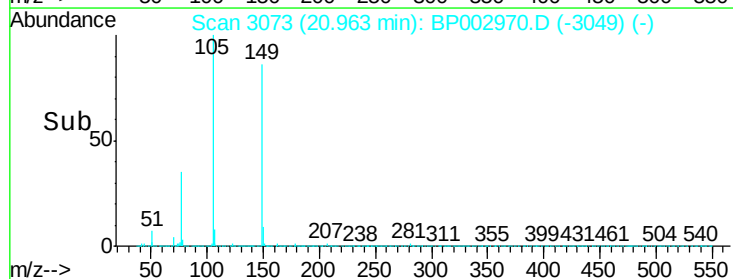
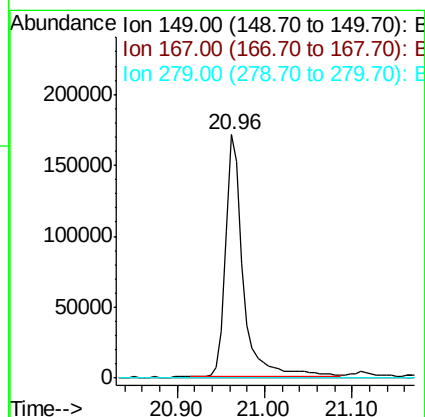
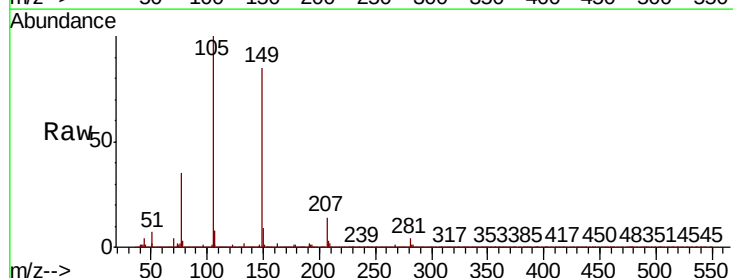
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

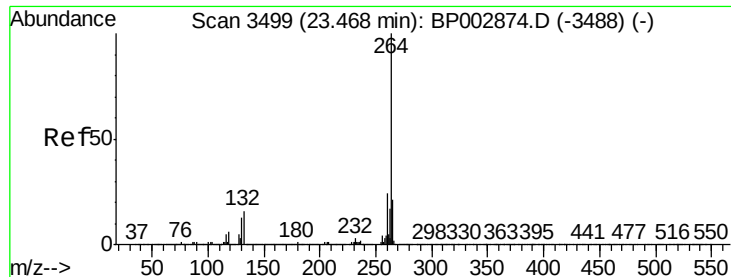
Tot Ion:	149	Resp:	157
Ion	Ratio	Lower	Upper
149	100		
91	65.1	46.5	69.7
206	17.2	17.2	25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.413 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.16 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

Tgt Ion:	149	Resp:	240916
Ion	Ratio	Lower	Upper
149	100		
167	0.1	23.0	34.6#
279	0.0	3.8	5.6#



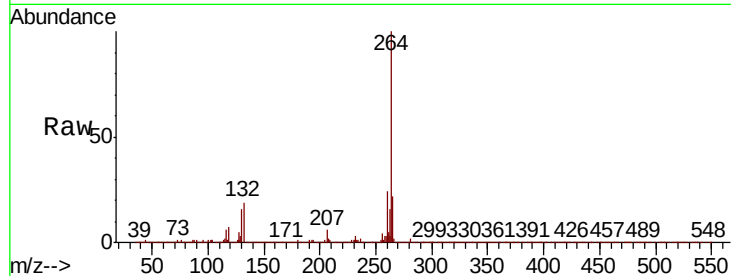


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002970.D
Acq: 13 Aug 2020 17:30

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-4

Tot Ion:264 Resp: 1930112

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.9	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

