

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002973.D
 Acq On : 13 Aug 2020 19:12
 Operator : CG/JU
 Sample : L3648-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-7

Quant Time: Aug 14 00:53:16 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	352056	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1473623	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	905710	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1939298	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1949255	20.00	ng	0.00
86) Perylene-d12	23.42	264	2009719	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1012173	44.00	ng	0.00
7) Phenol-d6	6.86	99	740131	23.18	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1720578	63.24	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1205833	107.12	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4922158	74.25	ng	-0.01
79) Terphenyl-d14	19.66	244	6670609	68.51	ng	-0.01

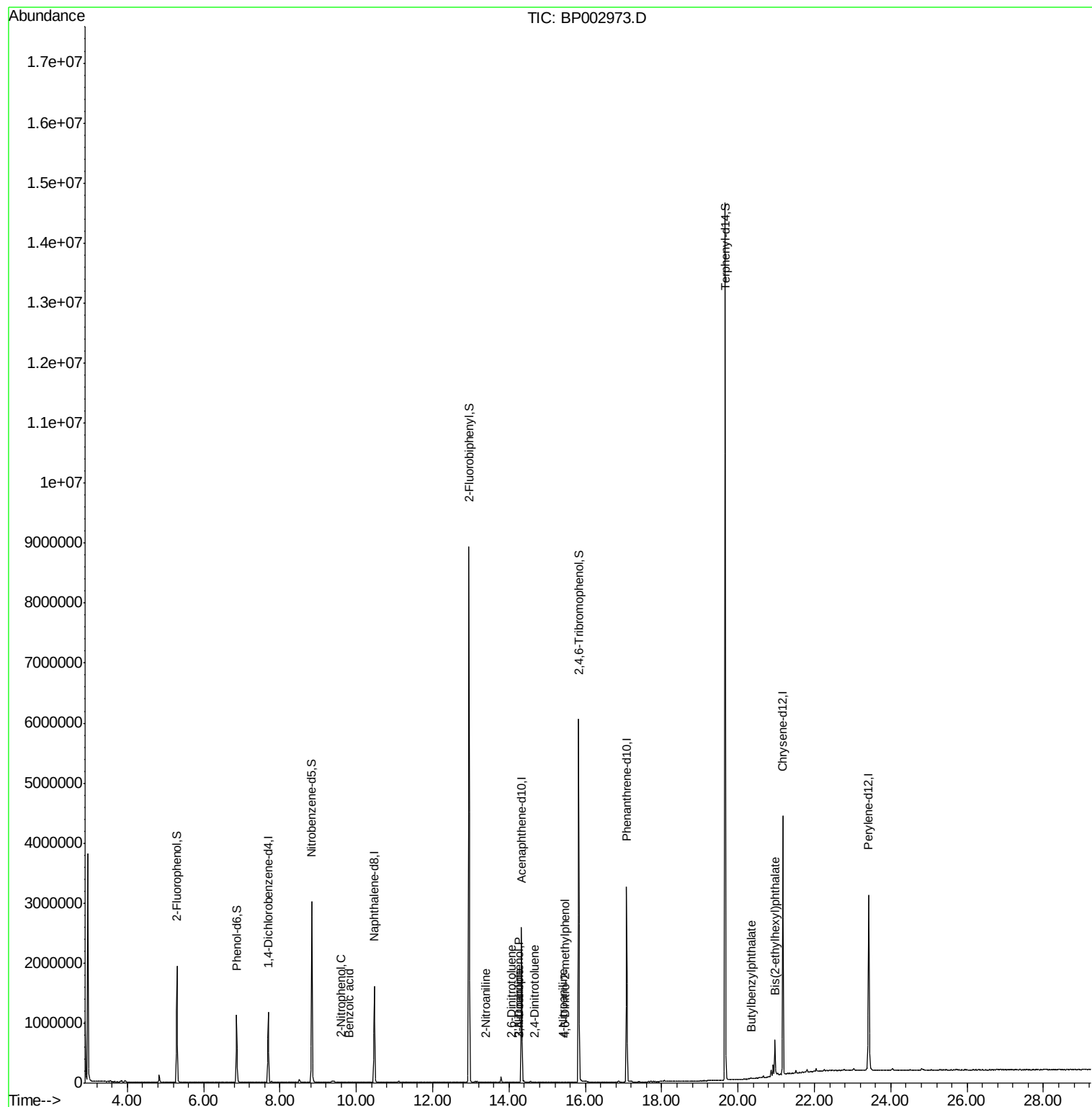
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	24	4.522	ng	# 1
32) Benzoic acid	9.82	122	52	7.689	ng	# 1
48) 2-Nitroaniline	13.39	65	67	3.976	ng	# 8
51) 2,6-Dinitrotoluene	14.07	165	80	2.904	ng	92
53) 3-Nitroaniline	14.25	138	21	3.275	ng	# 54
54) 2,4-Dinitrophenol	14.26	184	21	8.060	ng	94
57) 2,4-Dinitrotoluene	14.69	165	28	3.807	ng	# 30
62) 4-Nitroaniline	15.41	138	48	2.419	ng	# 15
65) 4,6-Dinitro-2-methylphenol	15.46	198	7	6.901	ng	# 1
80) Butylbenzylphthalate	20.34	149	1577	3.084	ng	# 92
84) Bis(2-ethylhexyl)phthalate	20.96	149	263776	3.498	ng	# 52

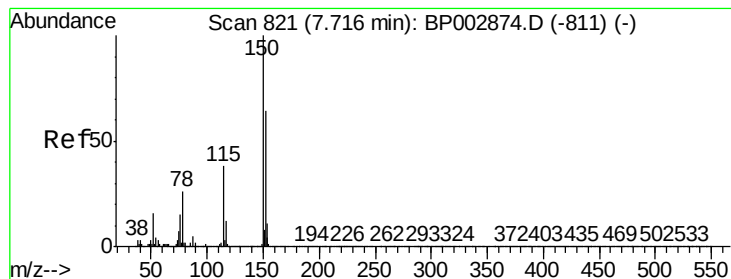
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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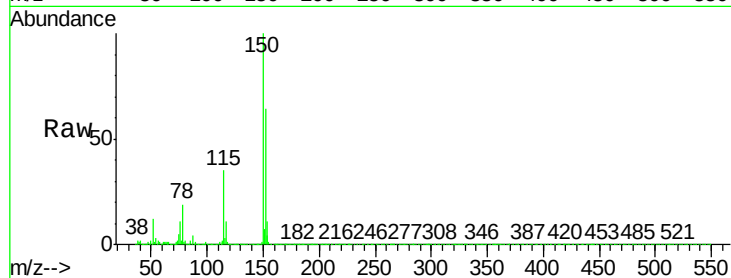


#1

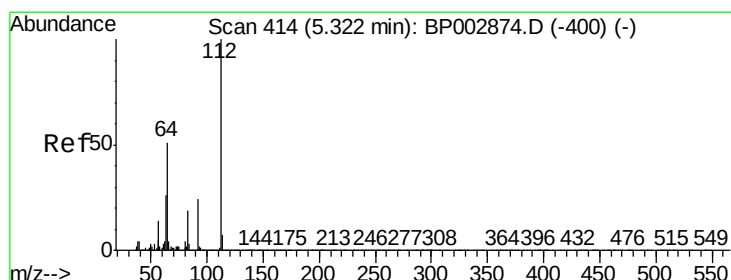
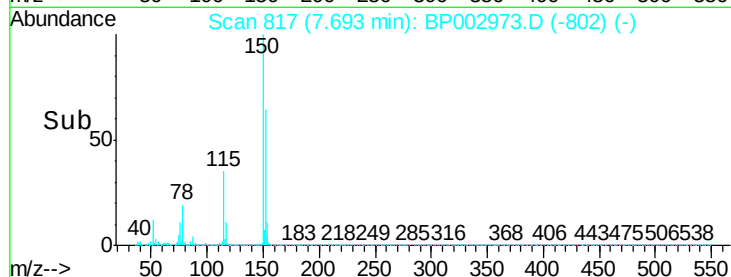
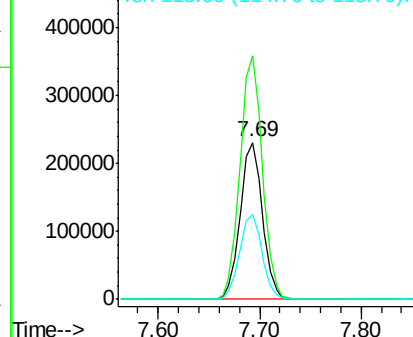
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.4
115	54.4	42.1	63.1



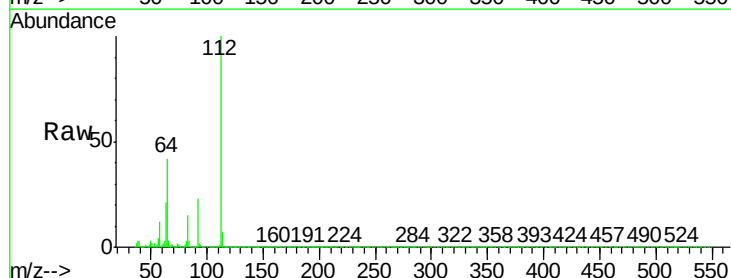
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



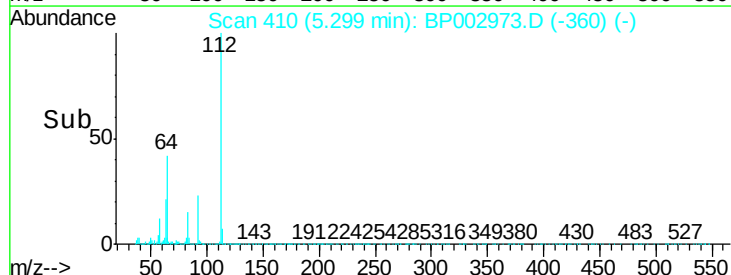
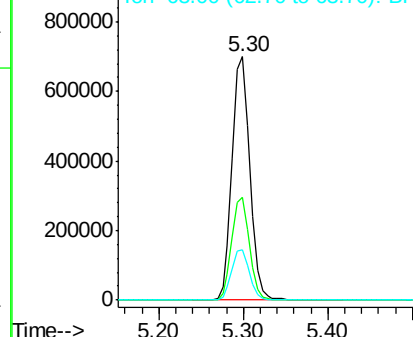
#5

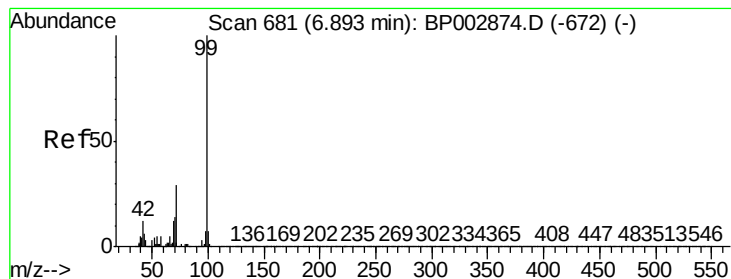
2-Fluorophenol
Concen: 44.002 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	33.8	50.8
63	20.8	17.2	25.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 23.175 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002973.D

Acq: 13 Aug 2020 19:12

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-7

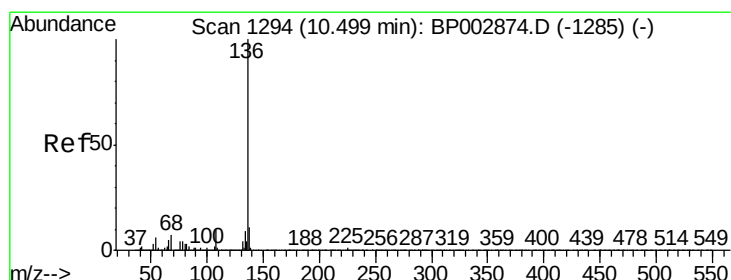
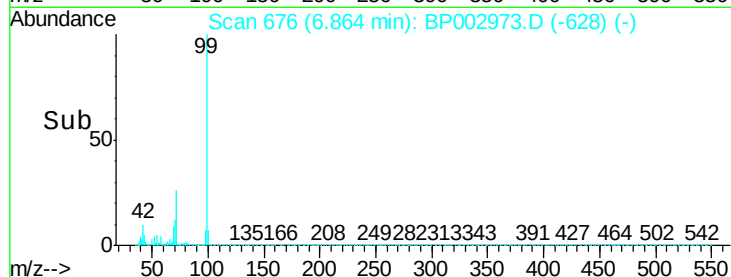
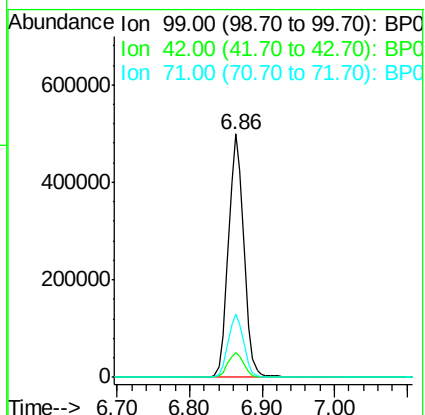
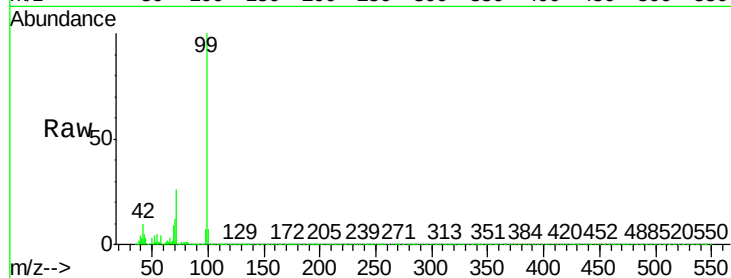
Tot Ion: 99 Resp: 740131

Ion Ratio Lower Upper

99 100

42 10.3 8.1 12.1

71 26.0 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: BP002973.D

Acq: 13 Aug 2020 19:12

Tgt Ion: 136 Resp: 1473623

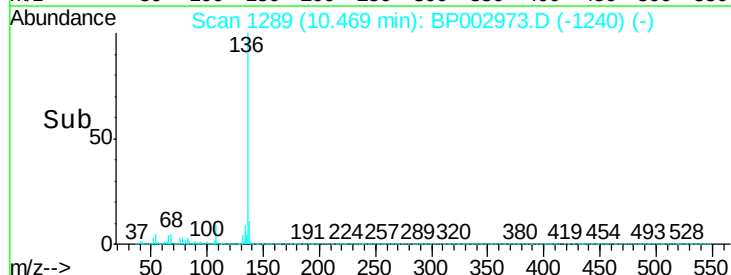
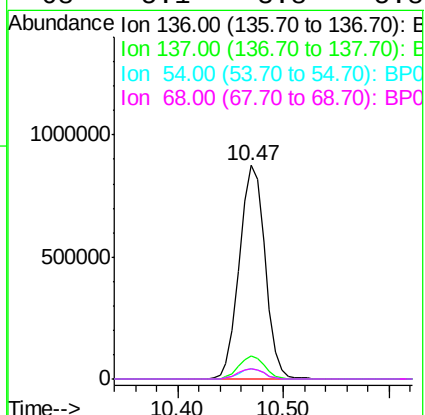
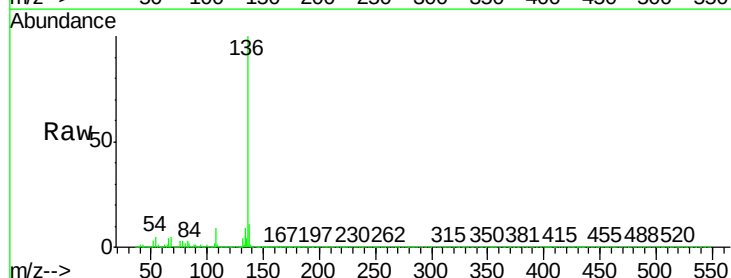
Ion Ratio Lower Upper

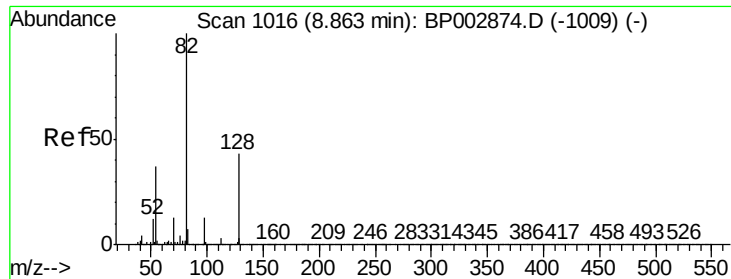
136 100

137 10.9 9.0 13.4

54 4.9 3.9 5.9

68 5.1 3.8 5.8

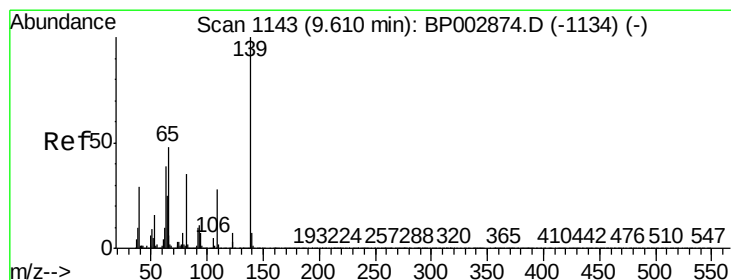
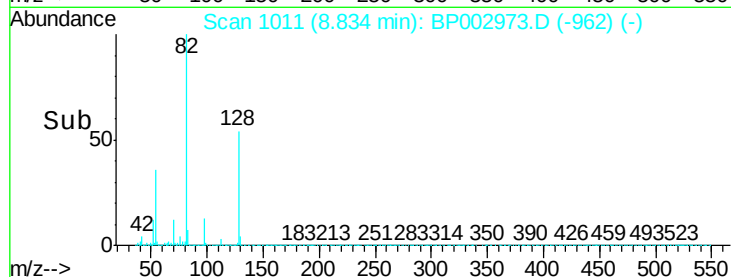
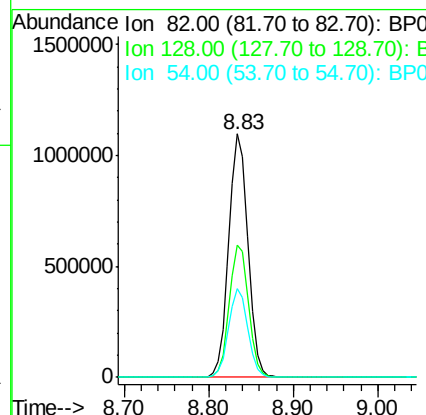
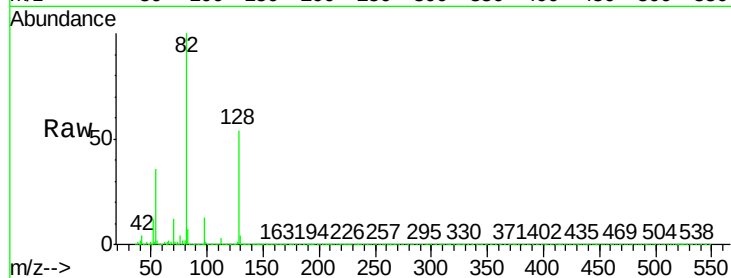




#23
Nitrobenzene-d5
Concen: 63.239 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

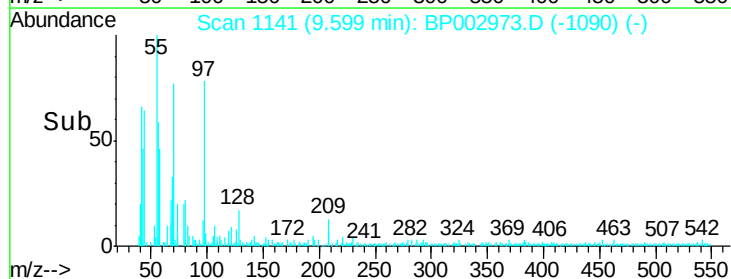
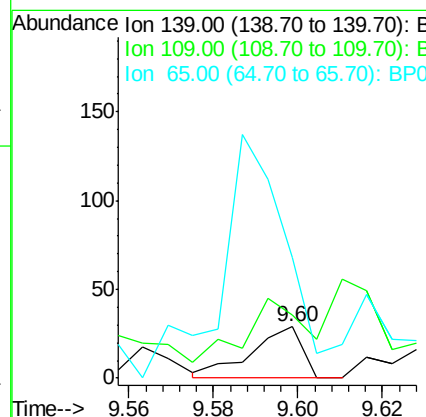
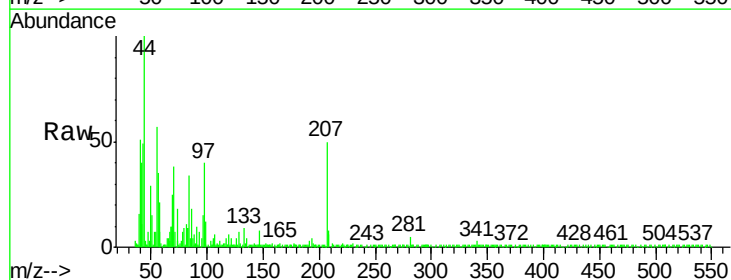
Instrument :
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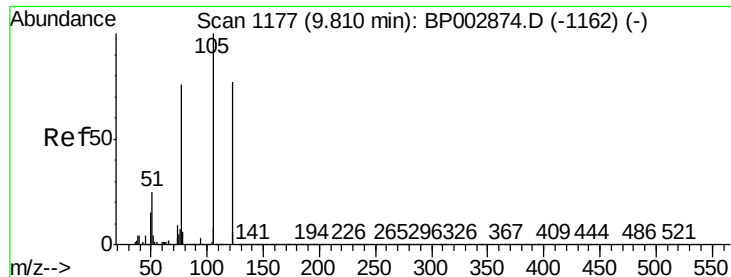
Tot Ion: 82 Resp: 1720578
Ion Ratio Lower Upper
82 100
128 54.3 44.6 66.8
54 36.3 29.2 43.8



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.60 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion: 139 Resp: 24
Ion Ratio Lower Upper
139 100
109 124.1 19.5 29.3#
65 234.5 26.6 40.0#

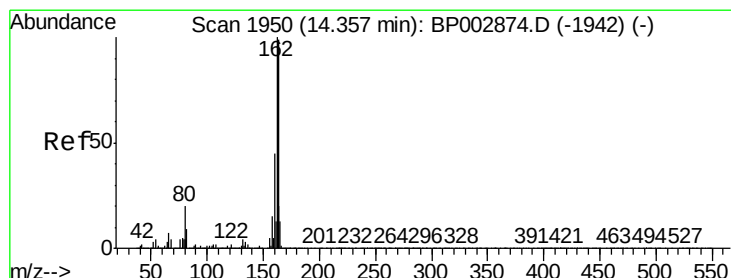
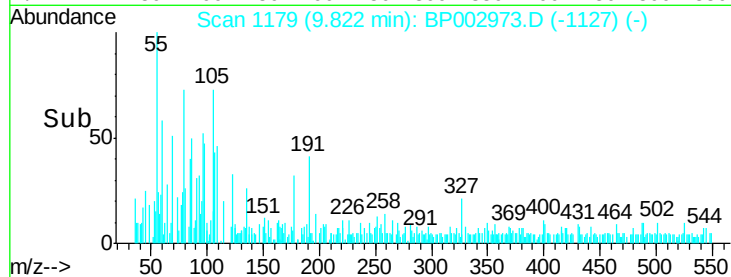
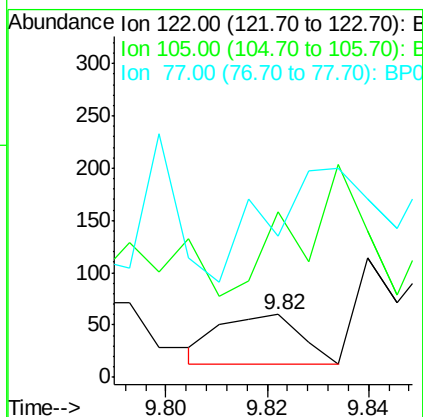
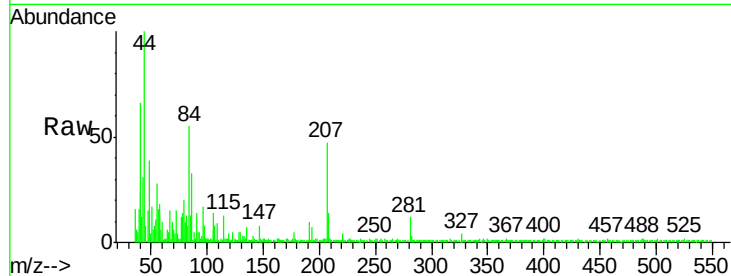




#32
Benzoic acid
Concen: 7.689 ng
RT: 9.82 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

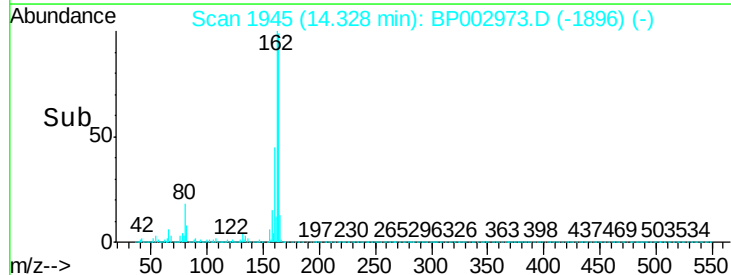
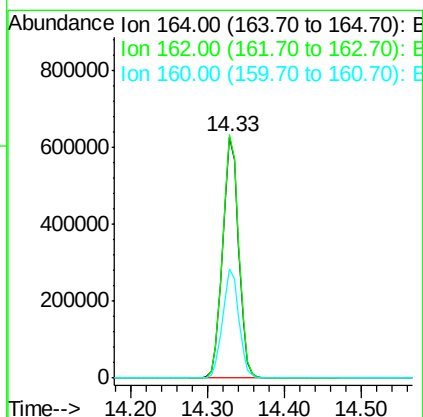
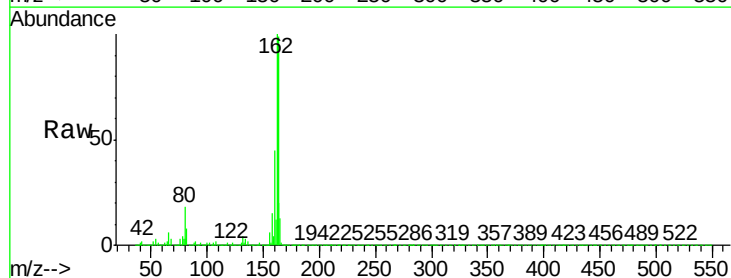
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-7

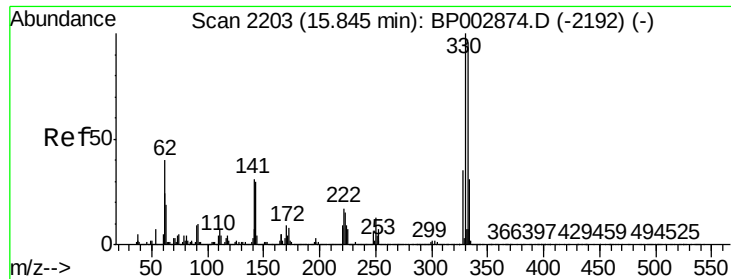
Tot Ion:122 Resp: 52
Ion Ratio Lower Upper
122 100
105 263.3 95.8 135.8#
77 225.0 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion:164 Resp: 905710
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 45.5 36.2 54.4

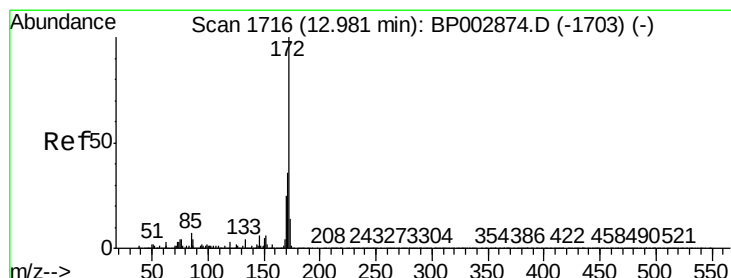
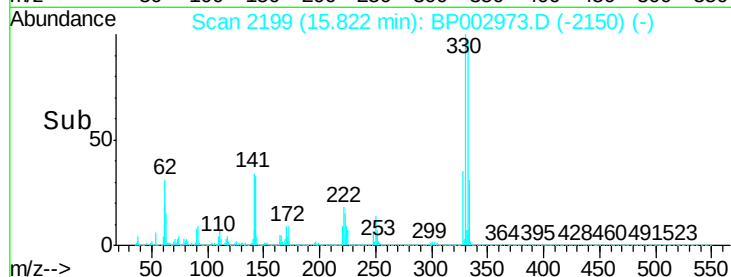
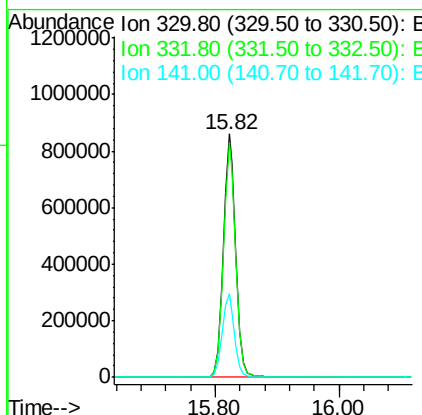
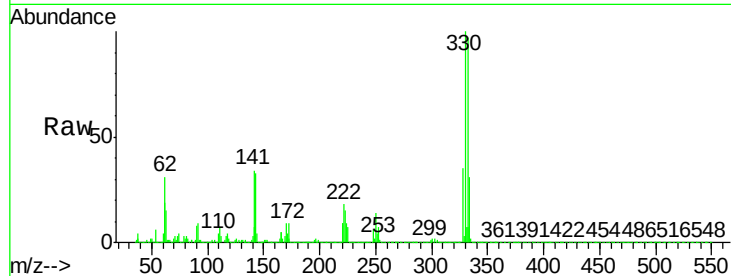




#42
 2,4,6-Tribromophenol
 Concen: 107.119 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002973.D
 Acq: 13 Aug 2020 19:12

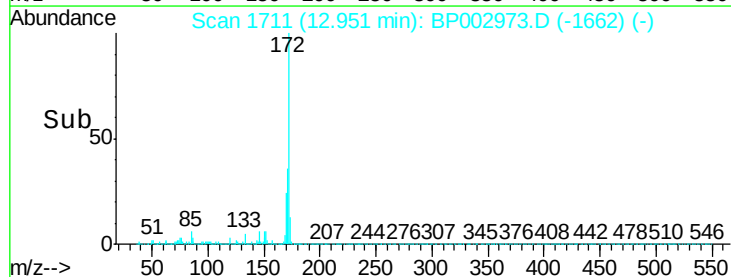
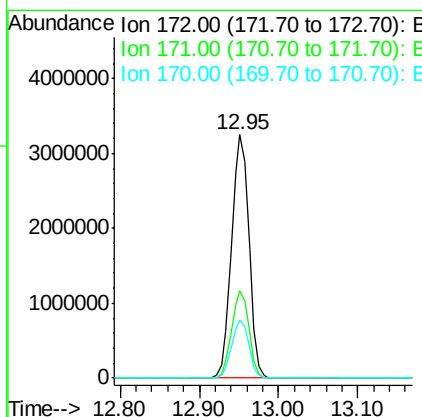
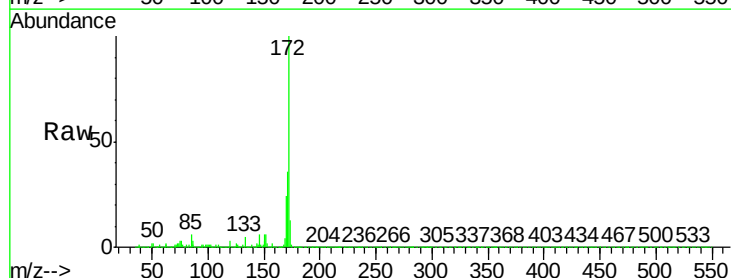
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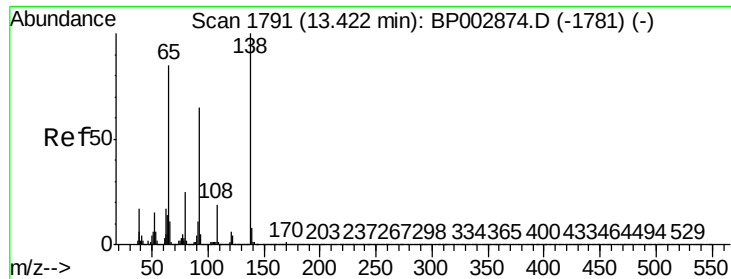
Tot Ion:330 Resp: 1205833
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.4
 141 34.3 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 74.253 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002973.D
 Acq: 13 Aug 2020 19:12

Tgt Ion:172 Resp: 4922158
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 19.6 29.4

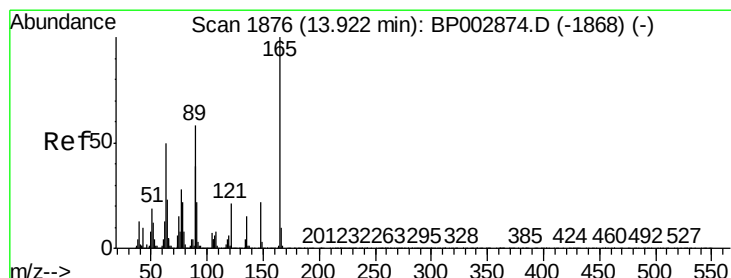
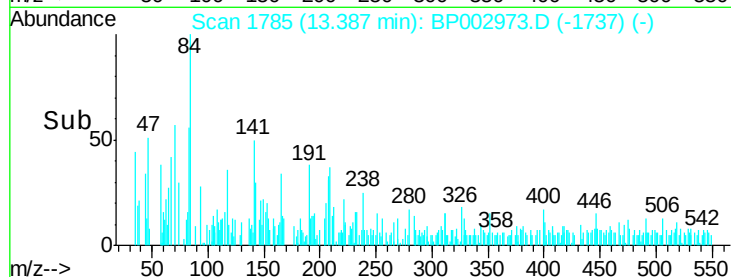
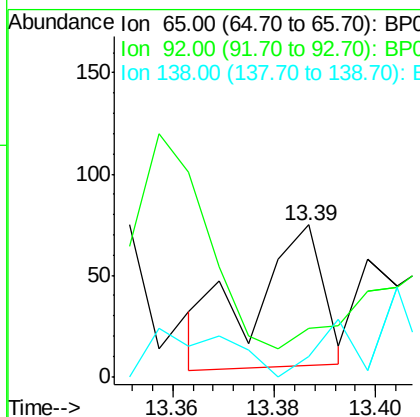
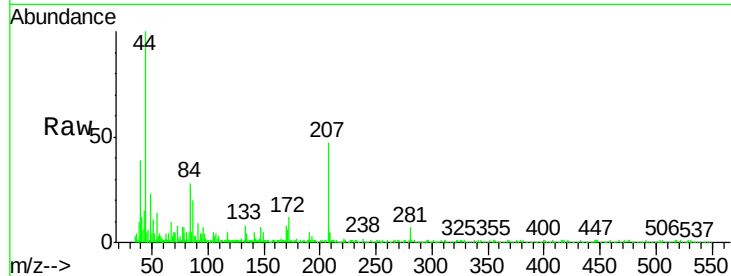




#48
2-Nitroaniline
Concen: 3.976 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

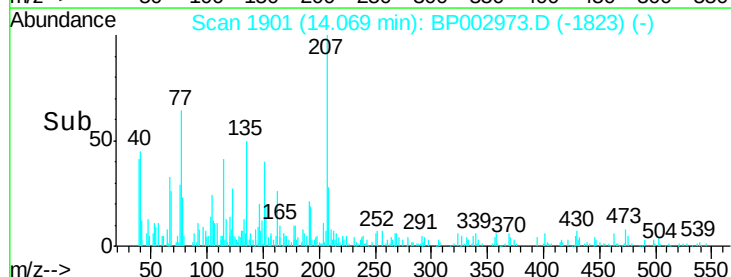
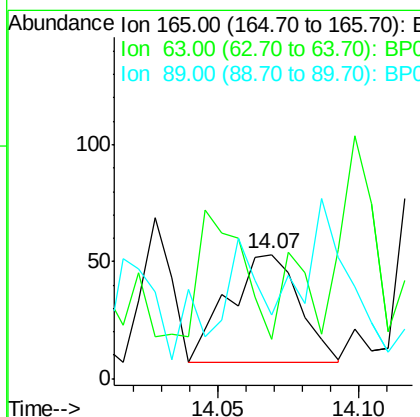
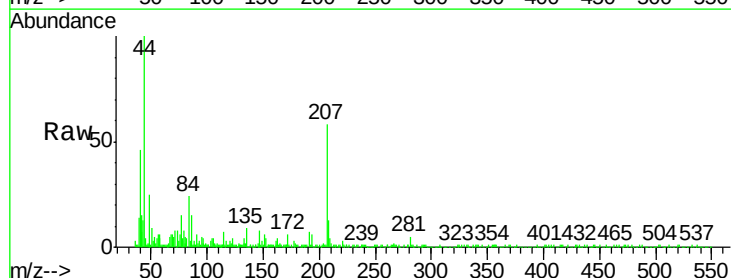
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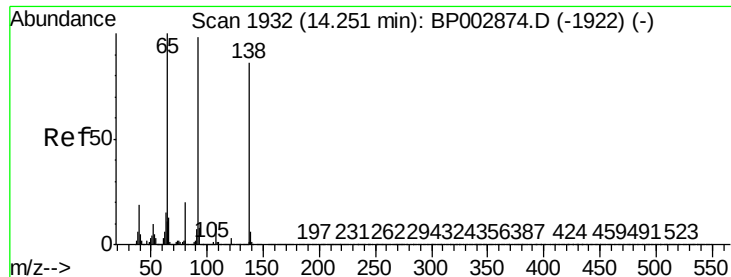
Tot Ion: 65 Resp: 67
Ion Ratio Lower Upper
65 100
92 32.0 69.6 104.4#
138 13.3 125.6 188.4#



#51
2,6-Dinitrotoluene
Concen: 2.904 ng
RT: 14.07 min Scan# 1901
Delta R.T. 0.16 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion: 165 Resp: 80
Ion Ratio Lower Upper
165 100
63 32.1 27.5 41.3
89 50.9 35.3 52.9

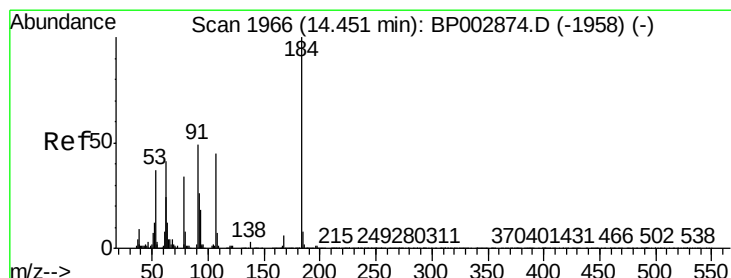
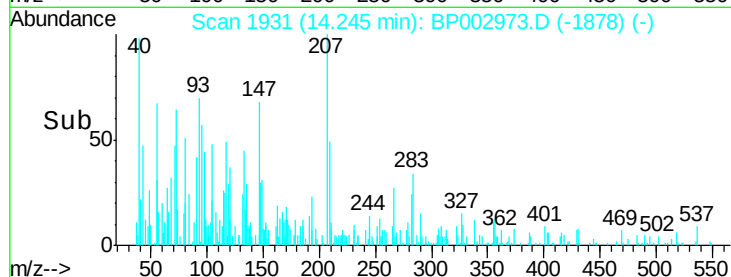
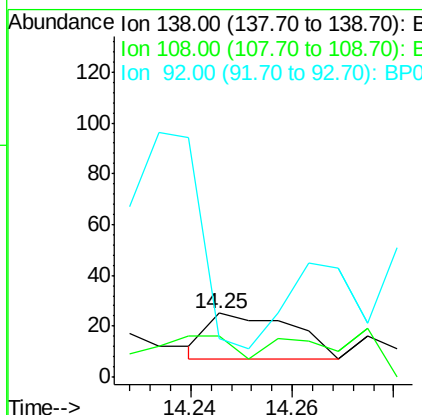
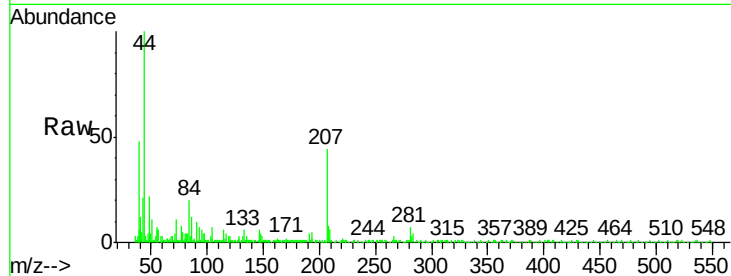




#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.25 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

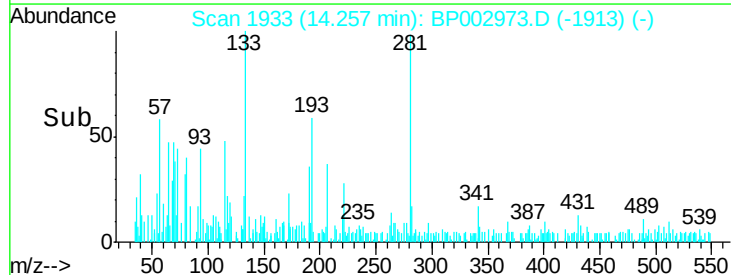
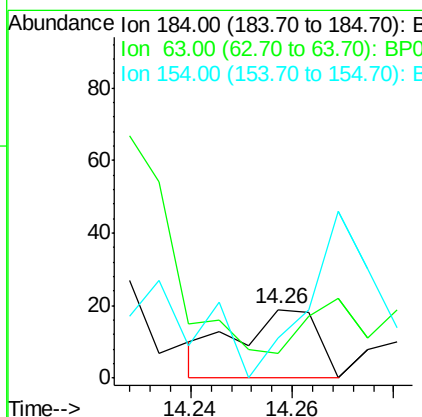
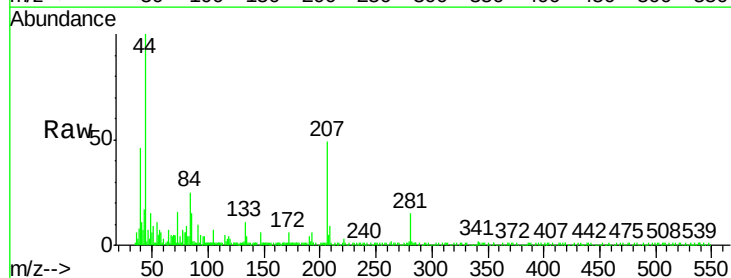
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-7

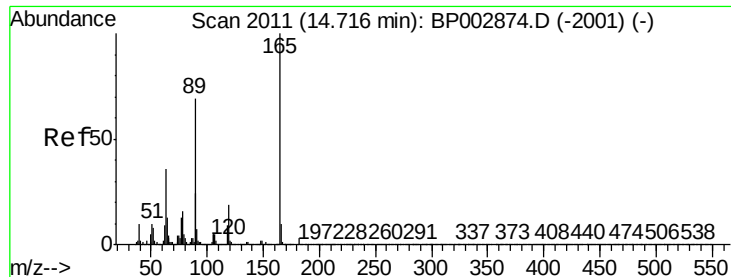
Tot Ion:138 Resp: 21
Ion Ratio Lower Upper
138 100
108 64.0 7.2 10.8#
92 60.0 75.8 113.6#



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.26 min Scan# 1933
Delta R.T. -0.18 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 36.8 36.4 54.6
154 57.9 46.6 69.8

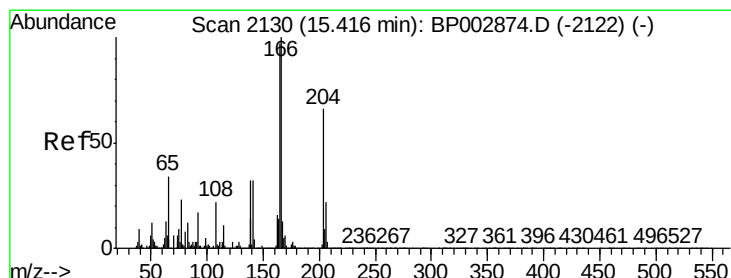
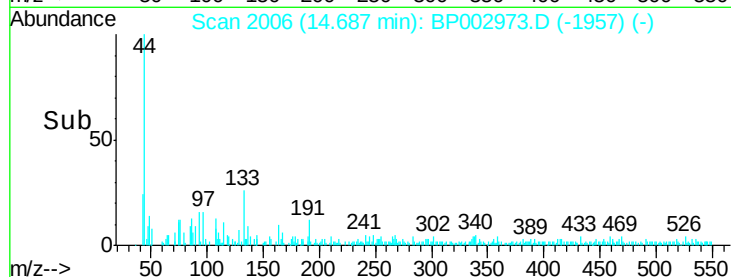
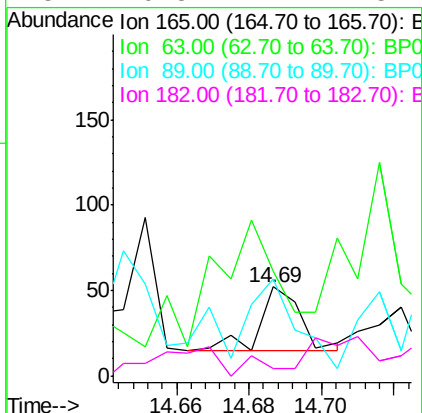
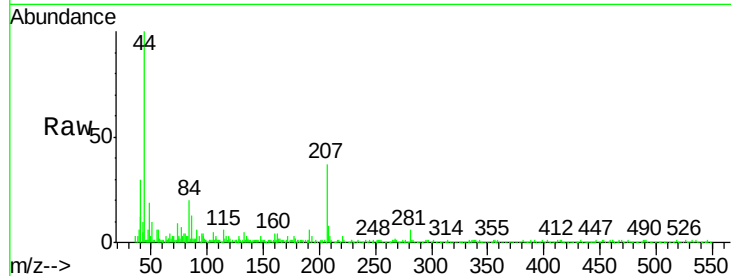




#57
2,4-Dinitrotoluene
Concen: 3.807 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

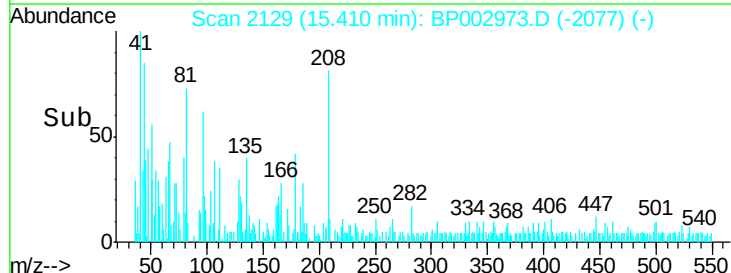
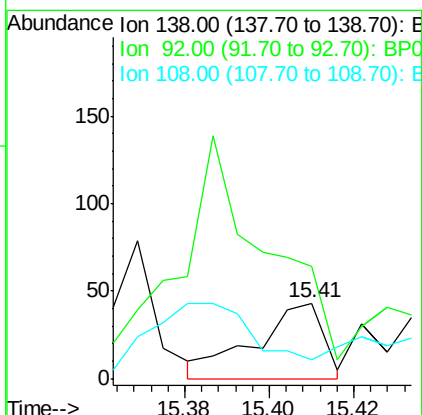
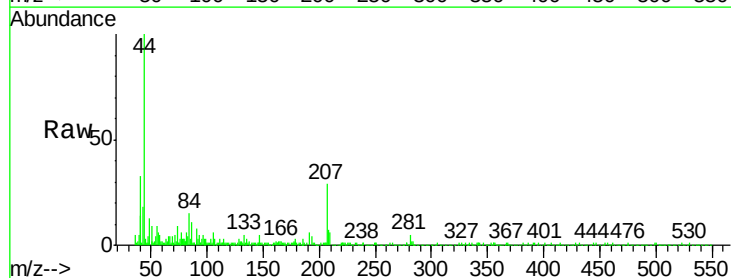
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-7

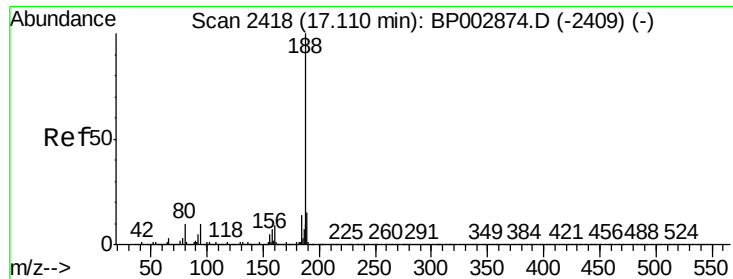
Tot Ion:165 Resp: 28
Ion Ratio Lower Upper
165 100
63 96.8 22.6 34.0#
89 90.5 46.2 69.2#
182 6.3 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.419 ng
RT: 15.41 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion:138 Resp: 48
Ion Ratio Lower Upper
138 100
92 125.5 21.2 61.2#
108 21.6 40.5 80.5#

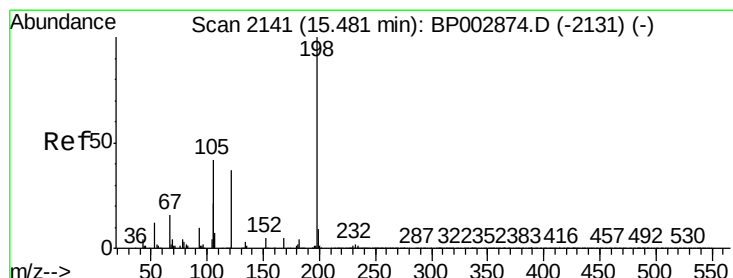
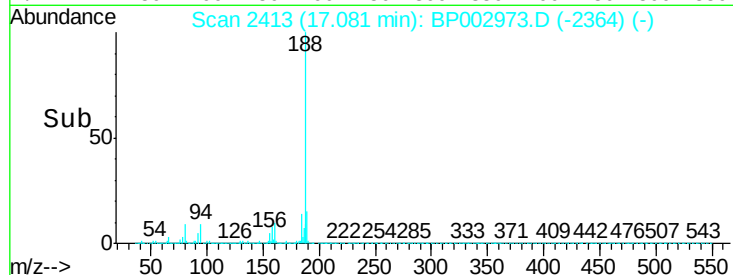
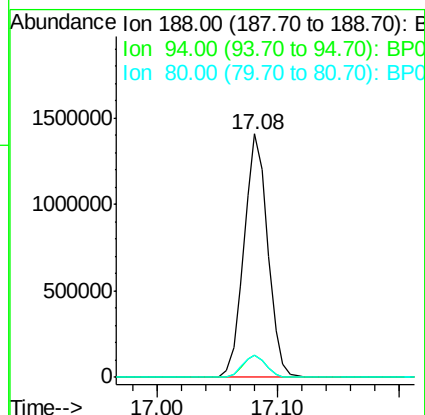
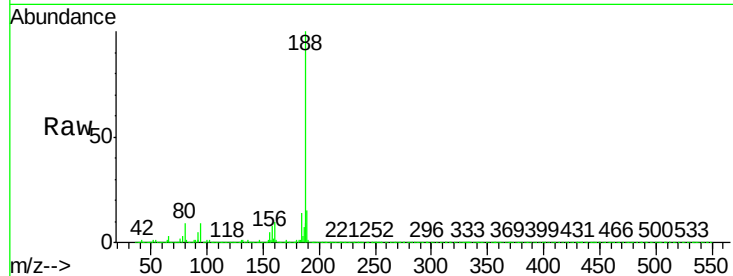




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

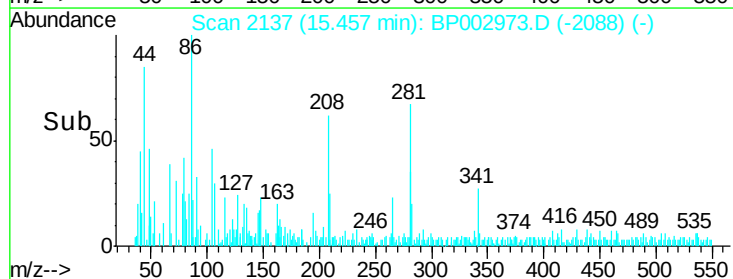
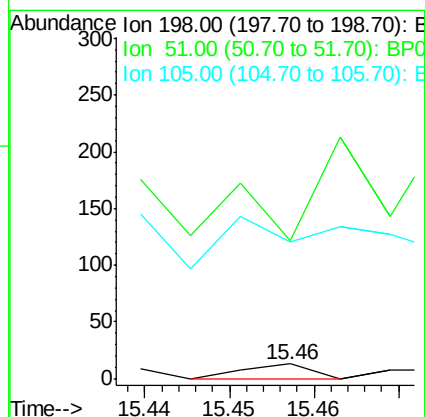
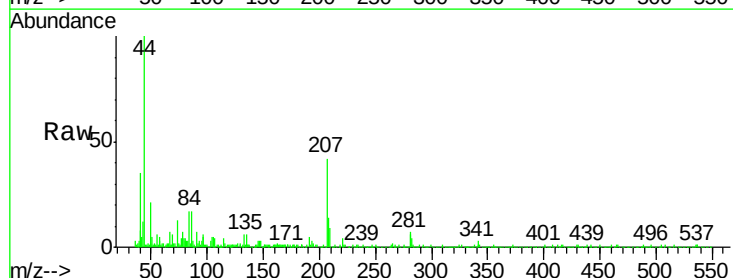
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-7

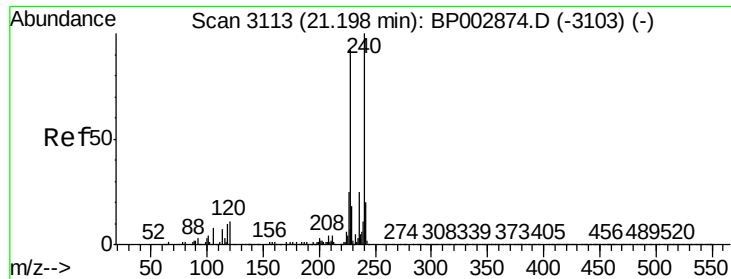
Tot Ion:188 Resp: 1939298
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.1 7.0 10.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 938.5 6.5 46.5#
105 923.1 20.4 60.4#

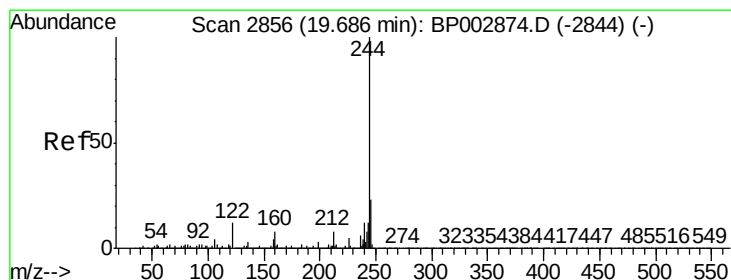
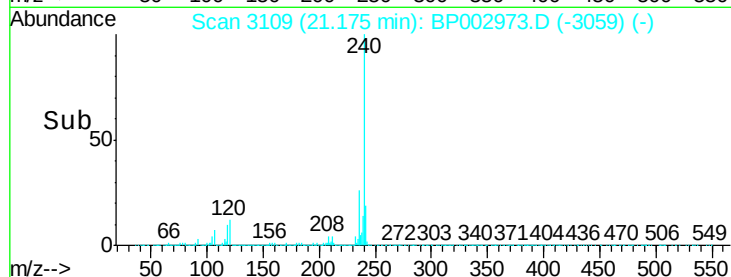
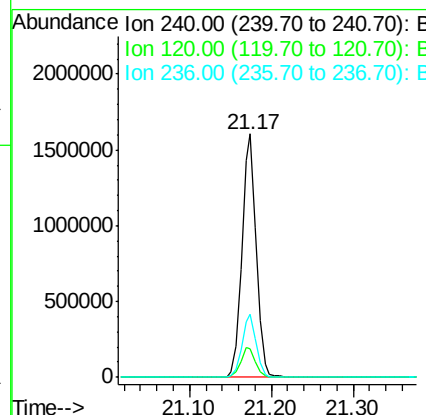
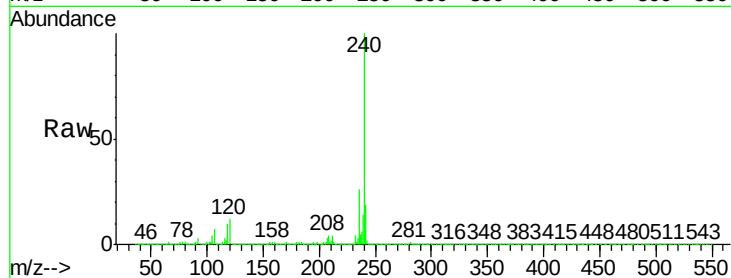




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BP002973.D
 Acq: 13 Aug 2020 19:12

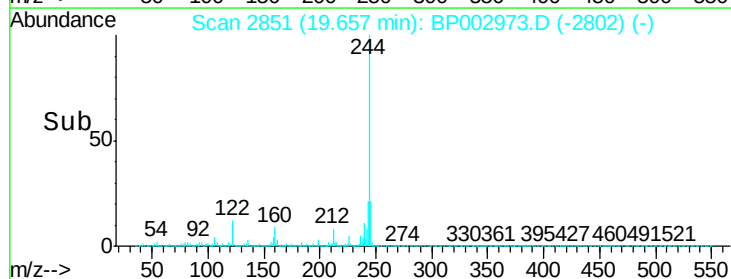
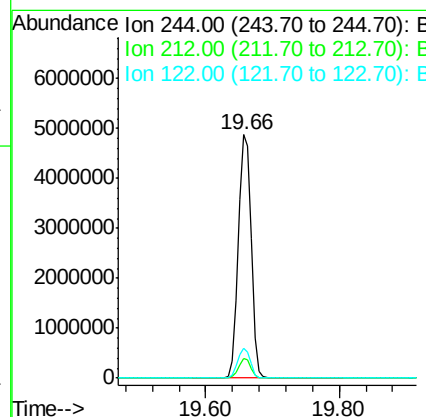
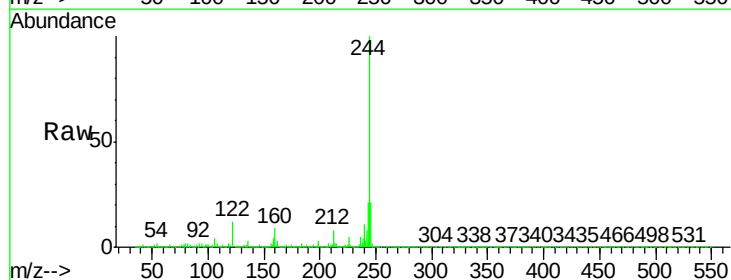
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-7

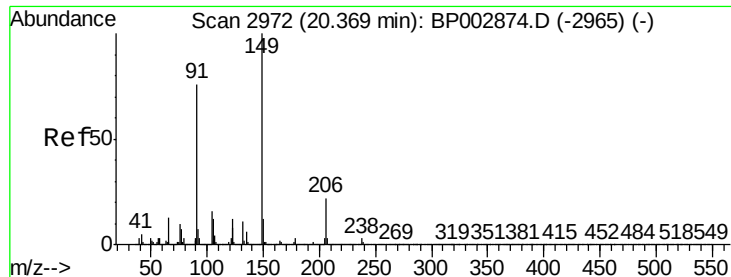
Tot Ion:240 Resp: 1949255
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.6 16.0
 236 25.9 20.7 31.1



#79
 Terphenyl-d14
 Concen: 68.510 ng
 RT: 19.66 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BP002973.D
 Acq: 13 Aug 2020 19:12

Tgt Ion:244 Resp: 6670609
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 12.3 9.9 14.9

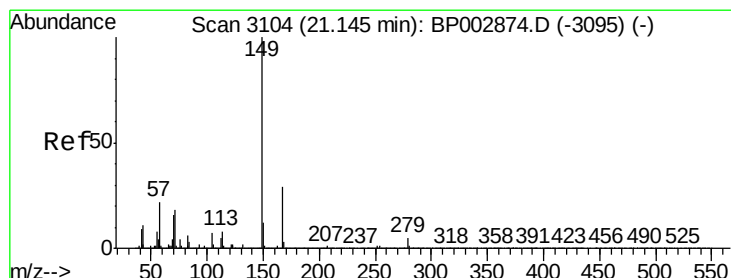
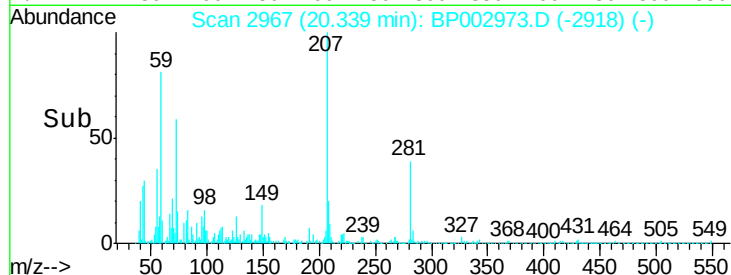
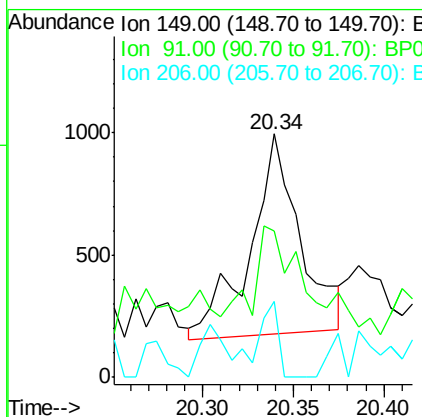
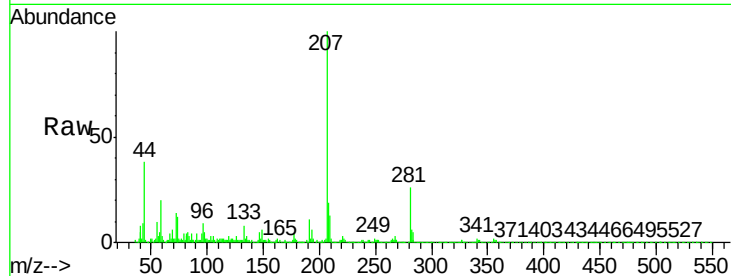




#80
Butylbenzylphthalate
Concen: 3.084 ng
RT: 20.34 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

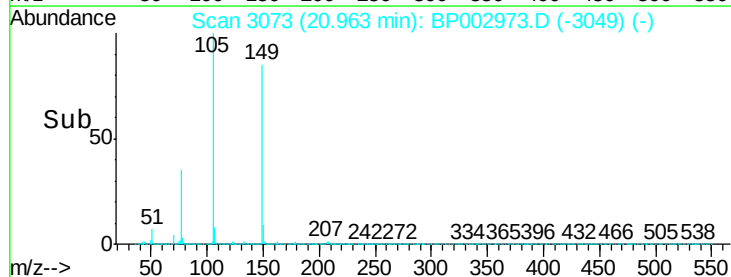
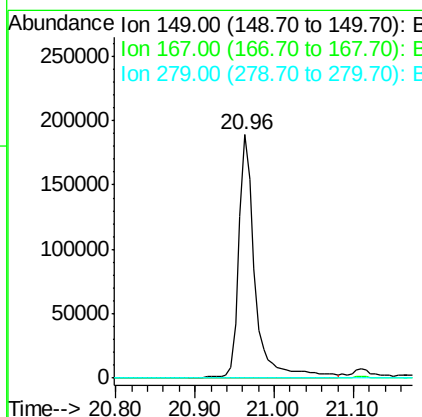
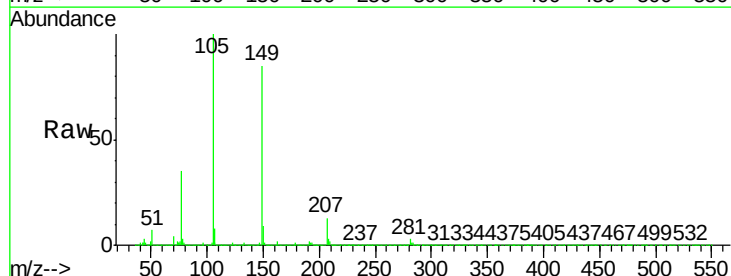
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-7

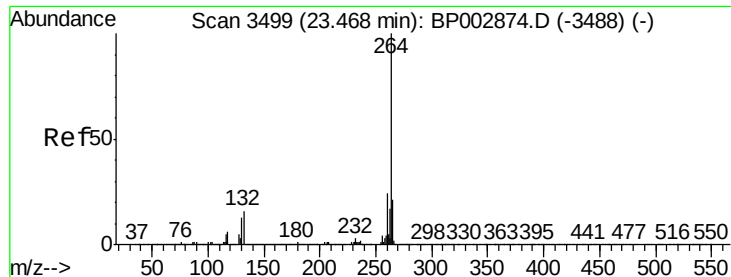
Tot Ion:149 Resp: 1577
Ion Ratio Lower Upper
149 100
91 60.2 46.5 69.7
206 31.1 17.2 25.8#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.498 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.16 min
Lab File: BP002973.D
Acq: 13 Aug 2020 19:12

Tgt Ion:149 Resp: 263776
Ion Ratio Lower Upper
149 100
167 0.1 23.0 34.6#
279 0.0 3.8 5.6#

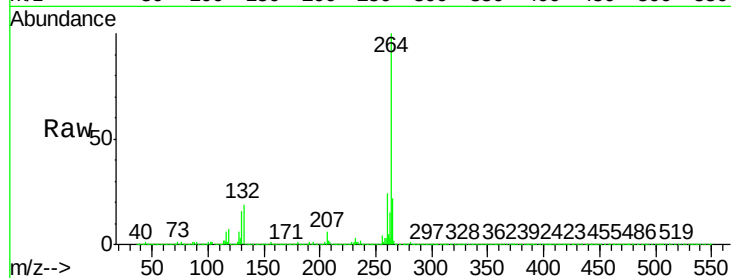




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.42 min Scan# 3491
 Delta R.T. -0.01 min
 Lab File: BP002973.D
 Acq: 13 Aug 2020 19:12

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-7

Tot Ion:264 Resp: 2009719
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.7 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

