

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002984.D
 Acq On : 14 Aug 2020 14:47
 Operator : CG/JU
 Sample : L3648-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-5

Quant Time: Aug 14 15:57:23 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

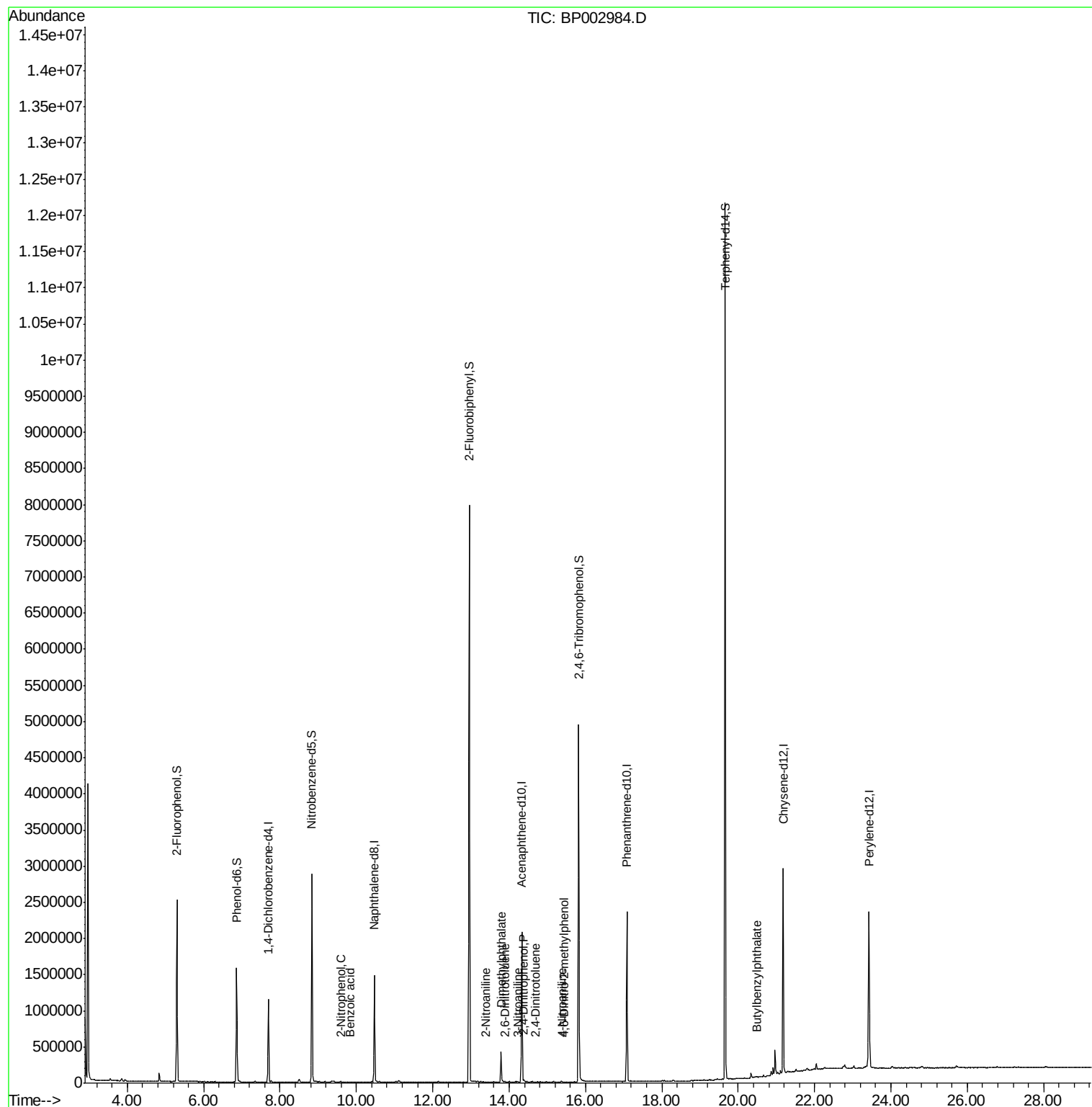
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	353583	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1348129	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	725231	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1412761	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1333367	20.00	ng	0.00
86) Perylene-d12	23.42	264	1445356	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1282719	55.52	ng	0.00
7) Phenol-d6	6.86	99	1047251	32.65	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1692234	67.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1030392	114.31	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	4332084	81.61	ng	-0.01
79) Terphenyl-d14	19.66	244	5004482	75.14	ng	-0.01
Target Compounds						
26) 2-Nitrophenol	9.58	139	83	4.527	ng	# 24
32) Benzoic acid	9.83	122	160	7.697	ng	# 64
48) 2-Nitroaniline	13.39	65	80	3.978	ng	# 3
50) Dimethylphthalate	13.79	163	299676	5.283	ng	99
51) 2,6-Dinitrotoluene	13.89	165	517	2.937	ng	# 71
53) 3-Nitroaniline	14.22	138	20	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.39	184	31	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	84	3.810	ng	# 26
62) 4-Nitroaniline	15.39	138	31	2.418	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.44	198	34	6.904	ng	# 1
80) Butylbenzylphthalate	20.49	149	219	3.063	ng	95

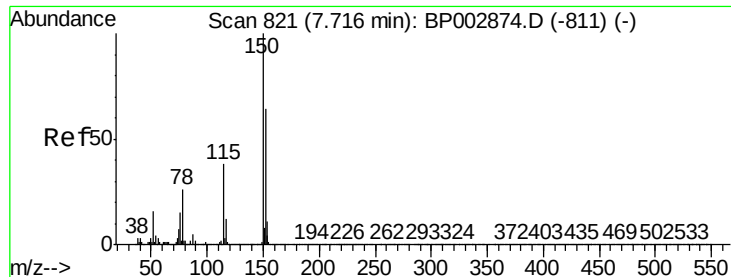
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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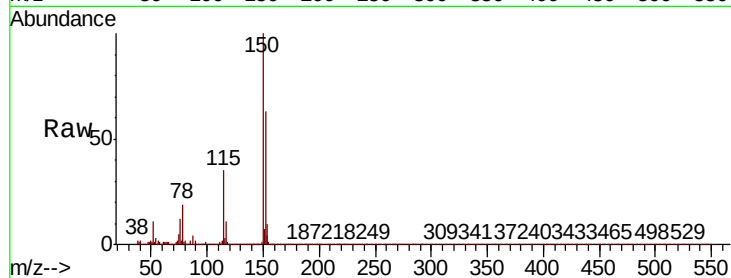


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.2	186.4
115	55.8	42.1	63.1

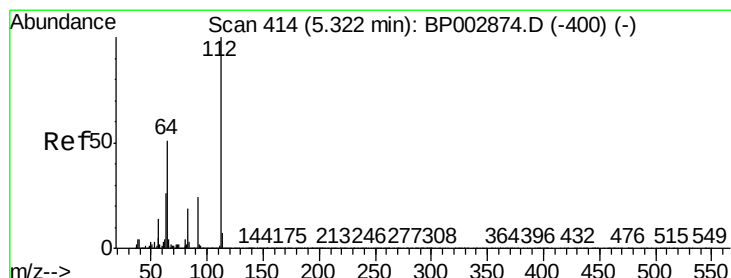
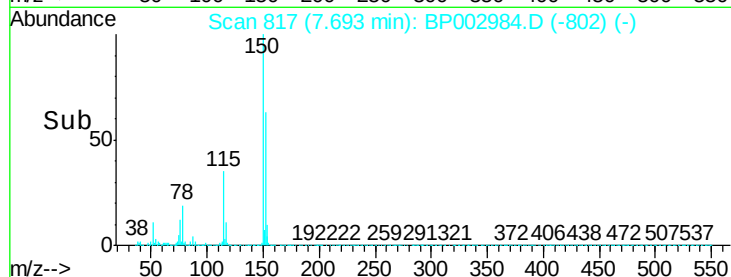
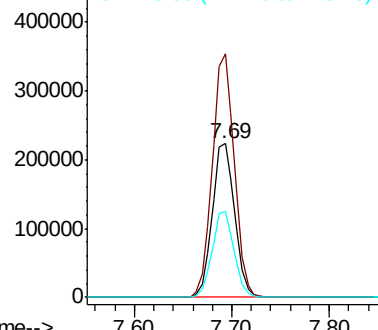


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

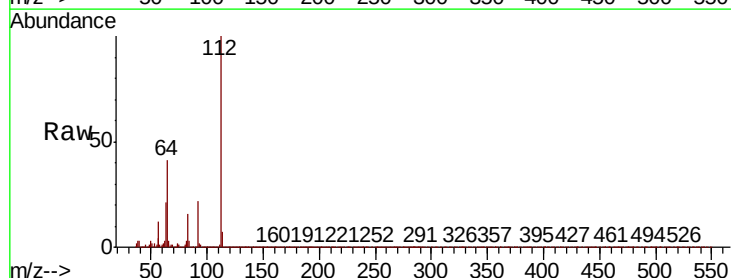
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.523 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	33.8	50.8
63	20.7	17.2	25.8

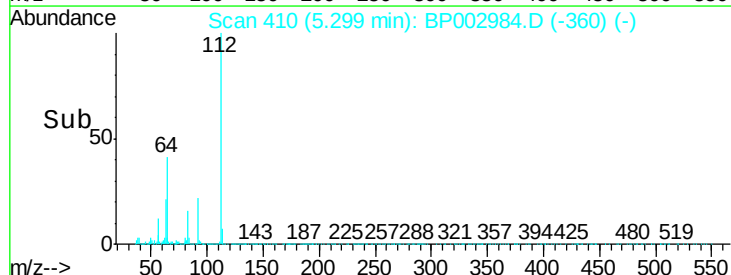
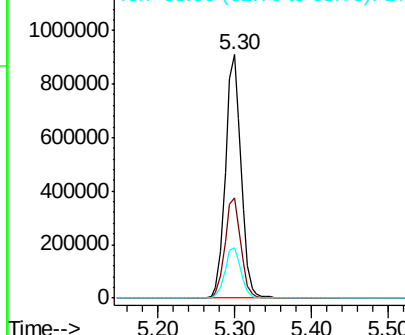


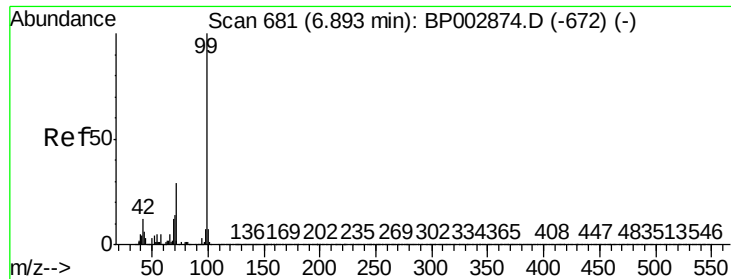
Abundance

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: 32.650 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

Instrument :

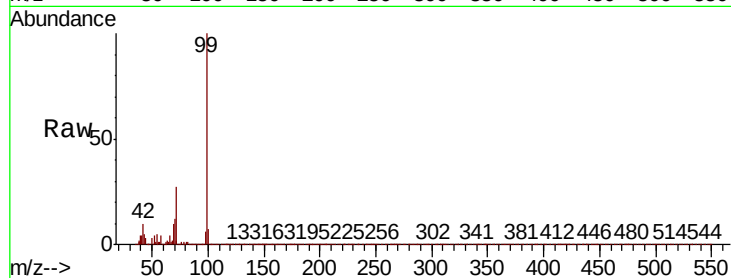
BNA_P

ClientSampleId :

BS-STOCK-5

Tot Ion: 99 Resp: 1047251

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.1	12.1
71	26.6	21.0	31.4

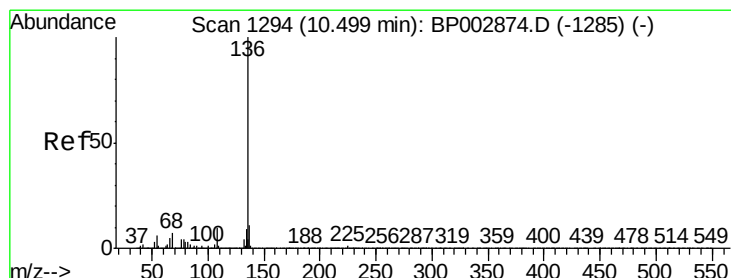
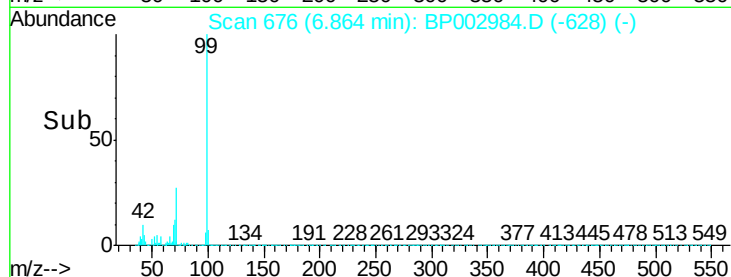
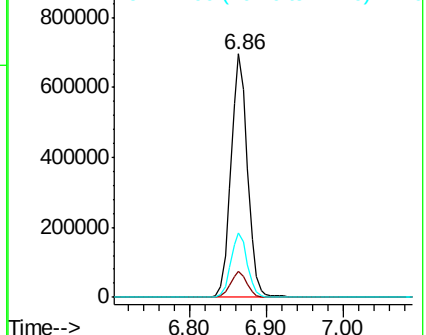


Abundance

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

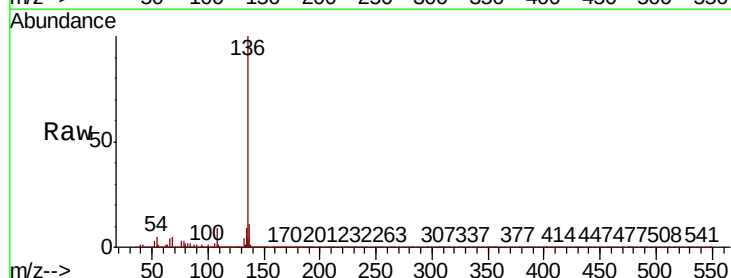
Delta R.T. -0.01 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

Tgt Ion: 136 Resp: 1348129

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	4.7	3.9	5.9
68	4.7	3.8	5.8



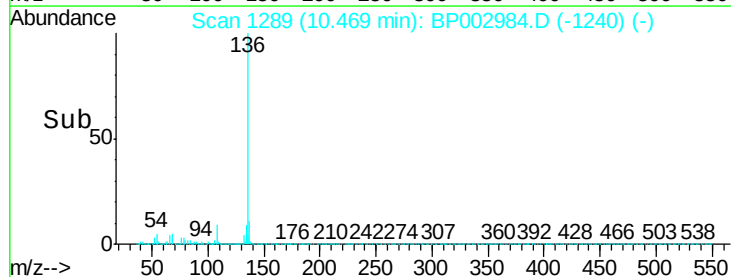
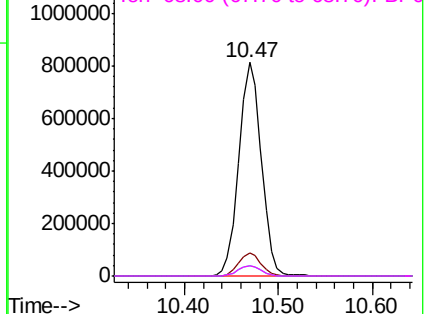
Abundance

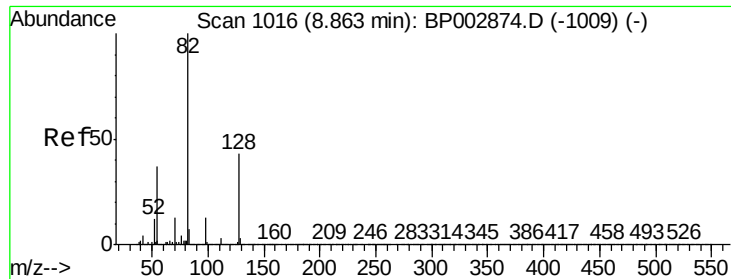
Ion 136.00 (135.70 to 136.70): E

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

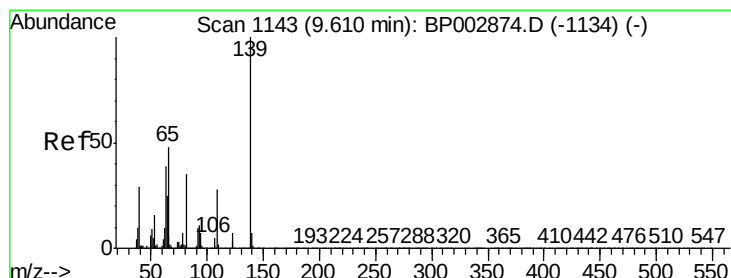
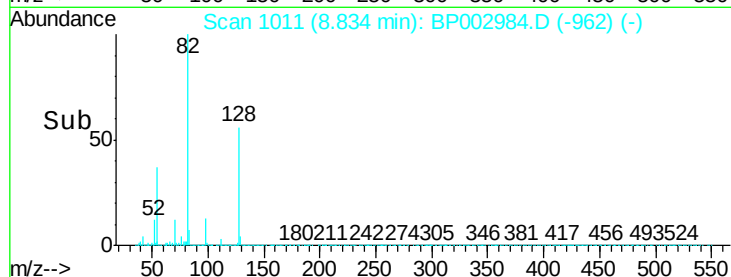
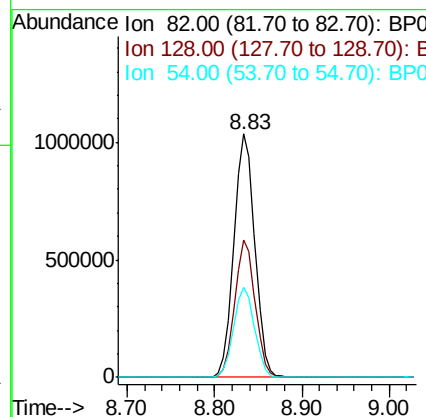
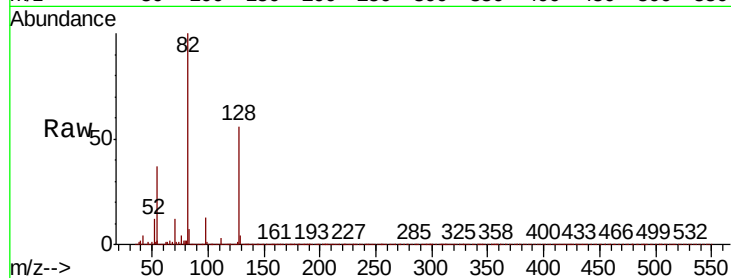




#23
Nitrobenzene-d5
Concen: 67.987 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

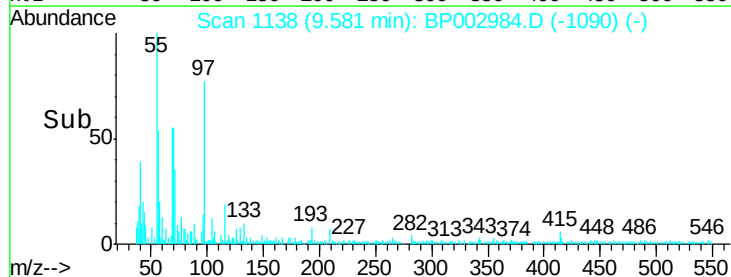
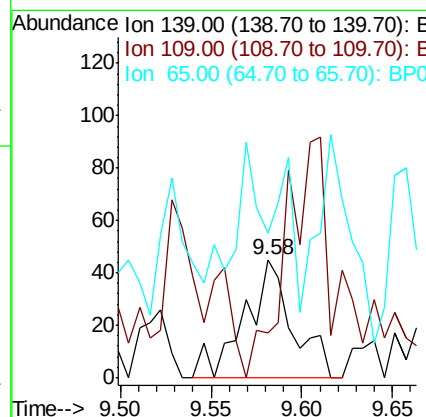
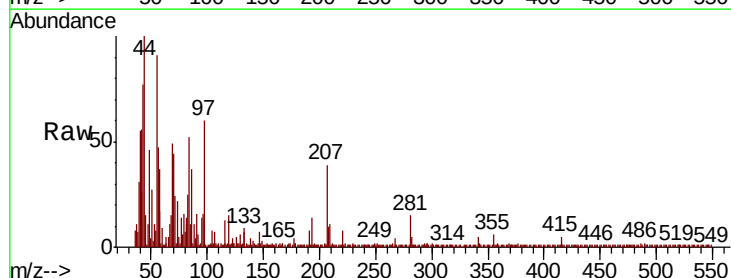
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

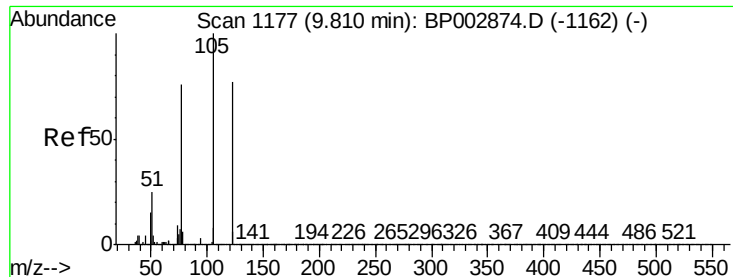
Tot Ion: 82 Resp: 1692234
Ion Ratio Lower Upper
82 100
128 56.3 44.6 66.8
54 36.9 29.2 43.8



#26
2-Nitrophenol
Concen: 4.527 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Tgt Ion: 139 Resp: 83
Ion Ratio Lower Upper
139 100
109 31.5 19.5 29.3#
65 101.9 26.6 40.0#

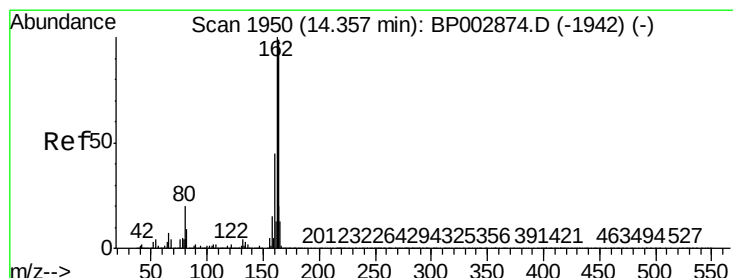
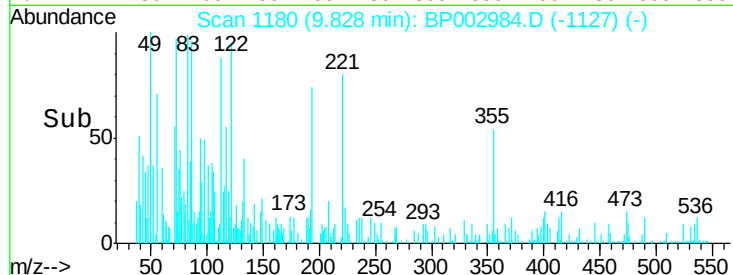
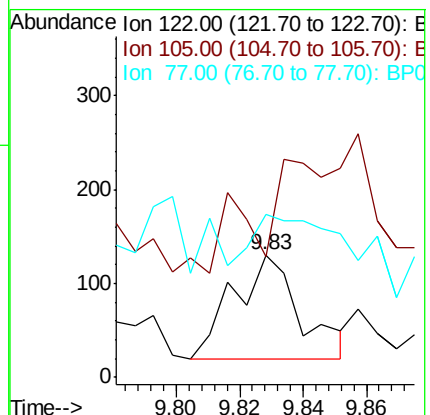
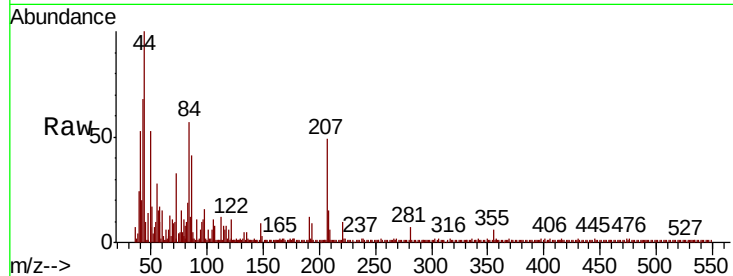




#32
Benzoic acid
Concen: 7.697 ng
RT: 9.83 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

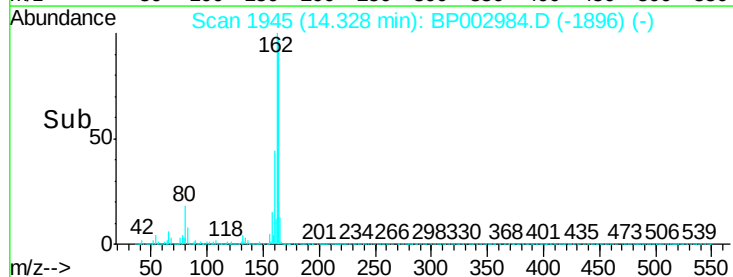
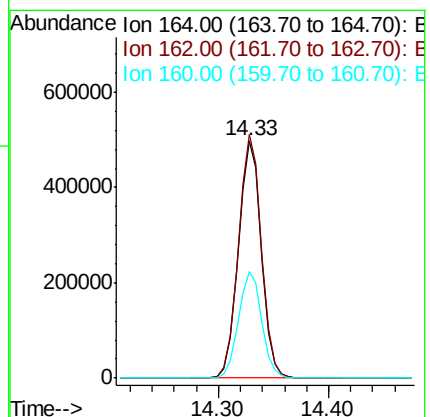
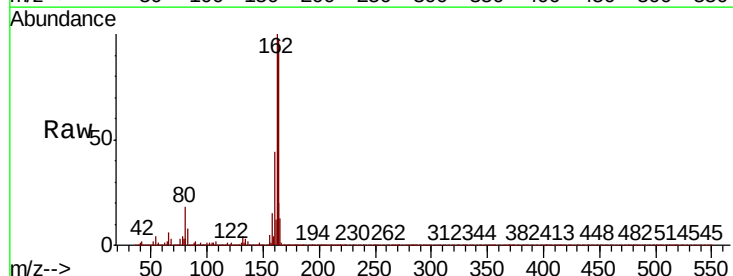
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

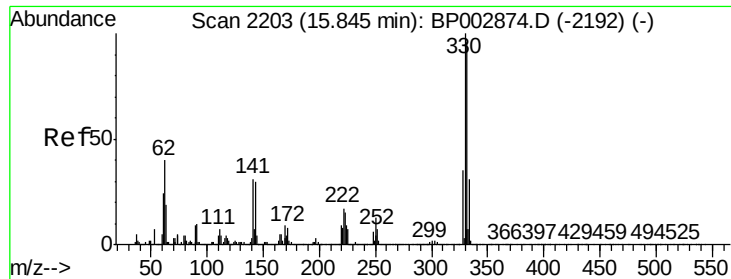
Tot Ion:122 Resp: 160
Ion Ratio Lower Upper
122 100
105 87.8 95.8 135.8#
77 118.4 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Tgt Ion:164 Resp: 725231
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 45.0 36.2 54.4

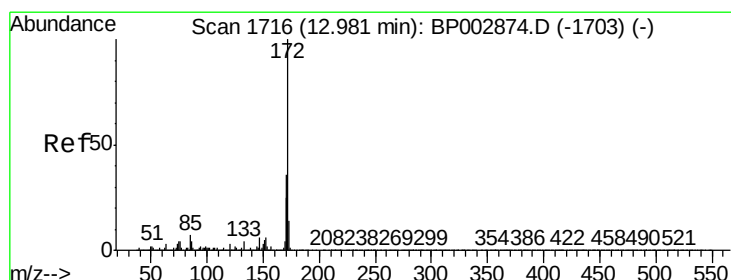
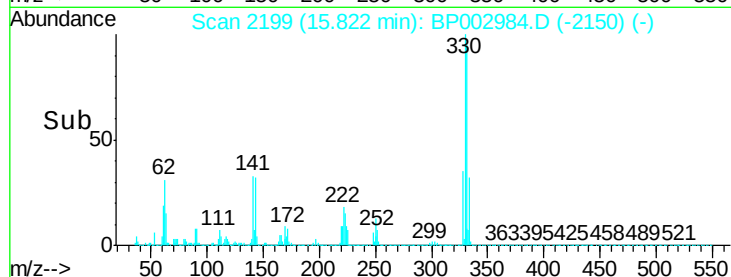
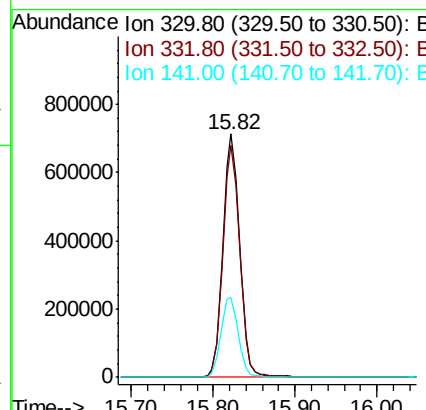
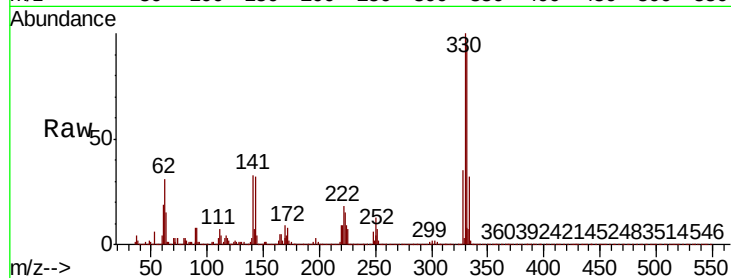




#42
 2,4,6-Tribromophenol
 Concen: 114.313 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002984.D
 Acq: 14 Aug 2020 14:47

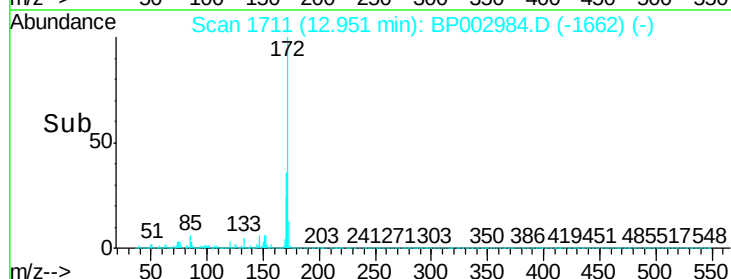
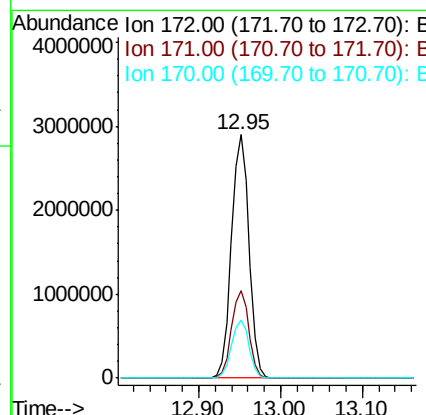
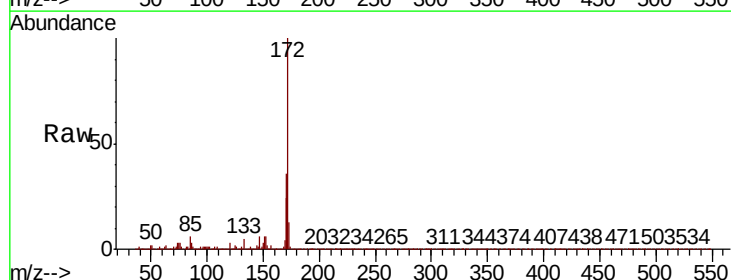
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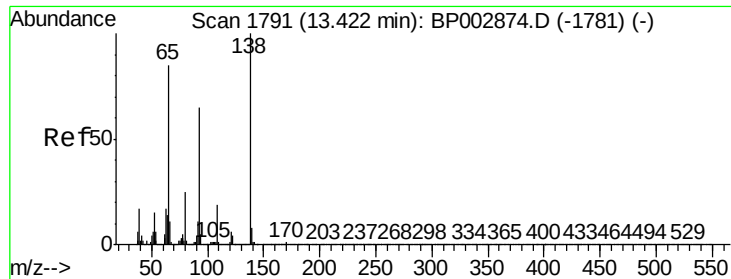
Tot Ion:330 Resp: 1030392
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.4
 141 34.2 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 81.614 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002984.D
 Acq: 14 Aug 2020 14:47

Tgt Ion:172 Resp: 4332084
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 19.6 29.4

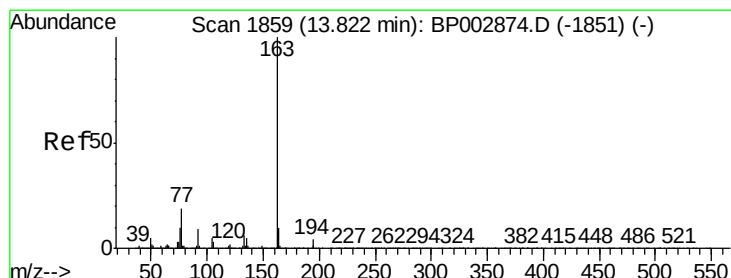
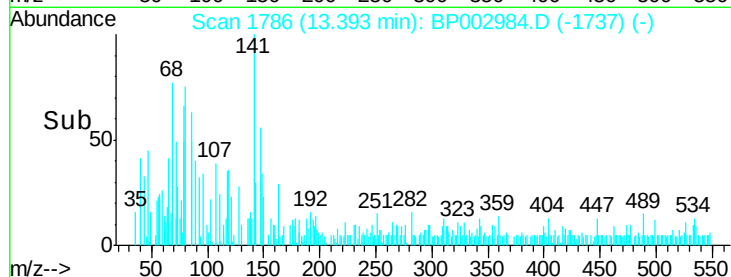
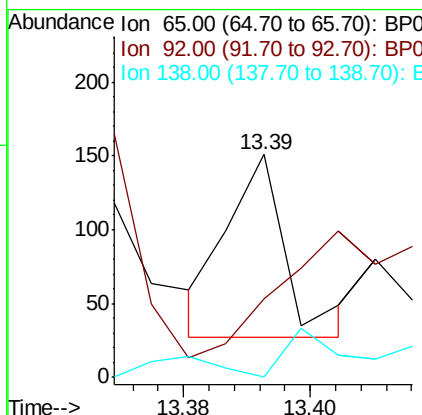
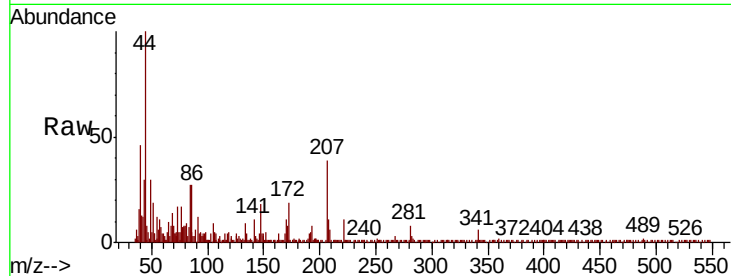




#48
2-Nitroaniline
Concen: 3.978 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

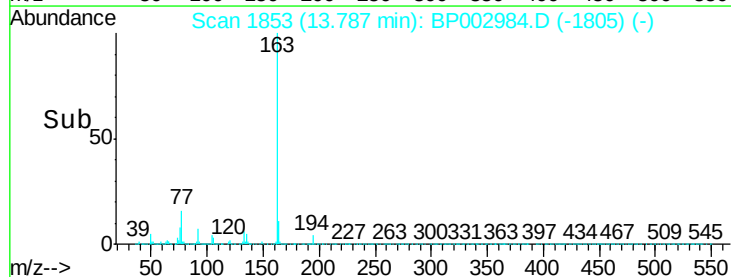
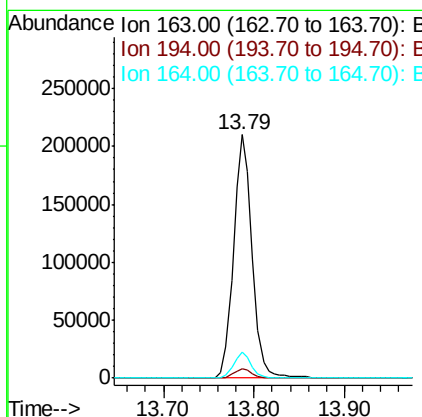
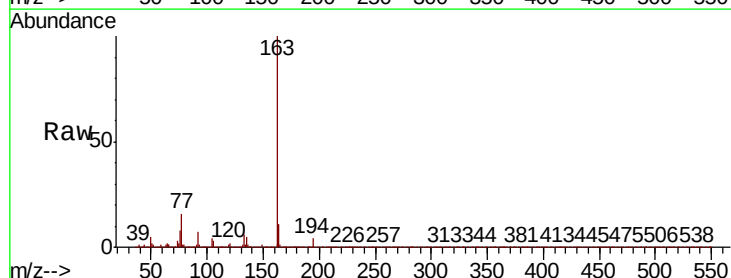
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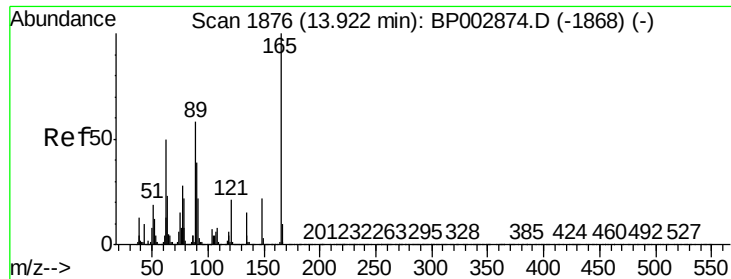
Tot Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 35.1 69.6 104.4#
138 0.0 125.6 188.4#



#50
Dimethylphthalate
Concen: 5.283 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Tgt Ion: 163 Resp: 299676
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.5 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.937 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-5

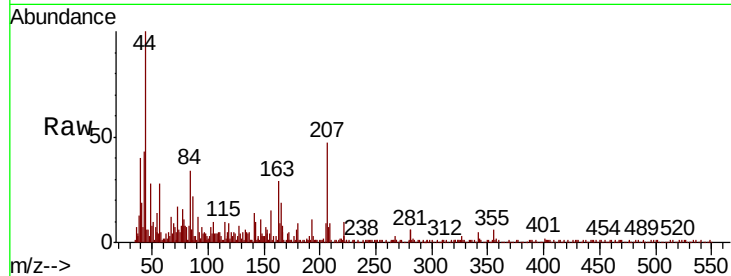
Tot Ion:165 Resp: 517

Ion Ratio Lower Upper

165 100

63 20.1 27.5 41.3#

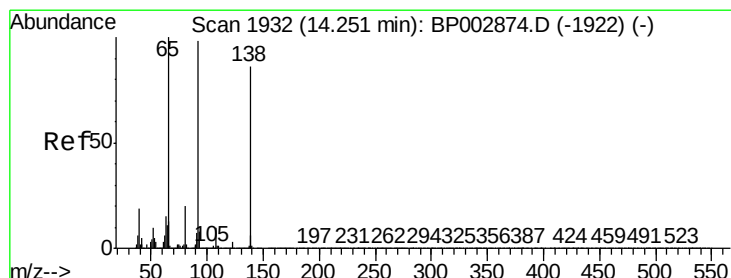
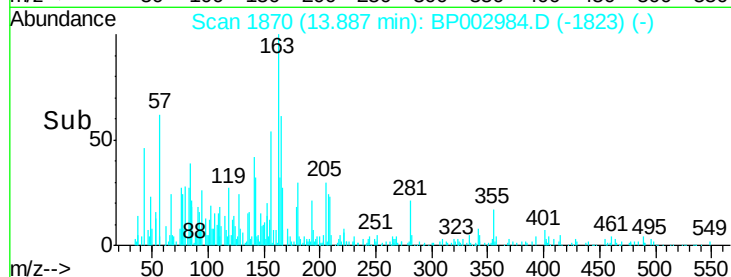
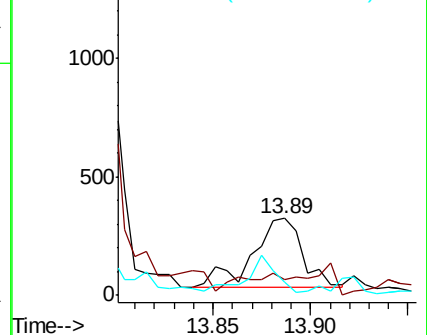
89 23.1 35.3 52.9#



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: 3.275 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

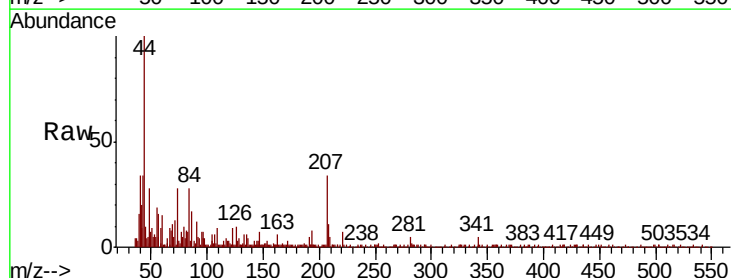
Tgt Ion:138 Resp: 20

Ion Ratio Lower Upper

138 100

108 204.8 7.2 10.8#

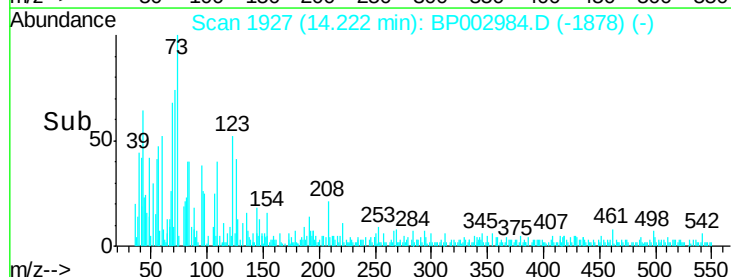
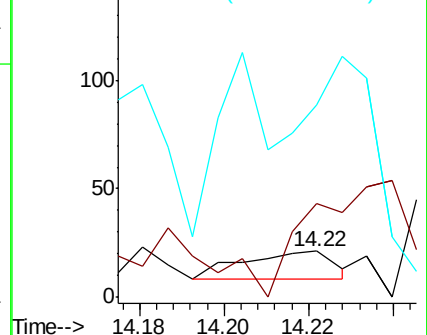
92 423.8 75.8 113.6#

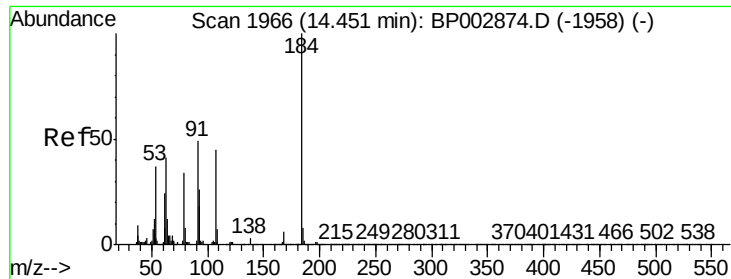


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

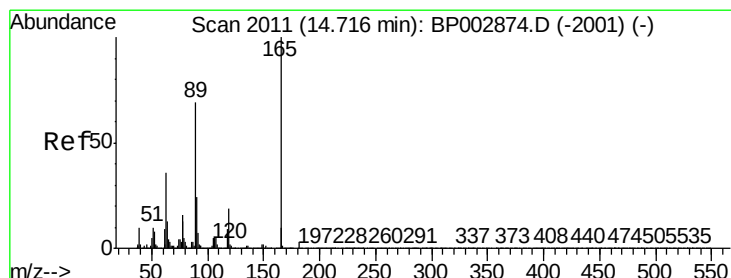
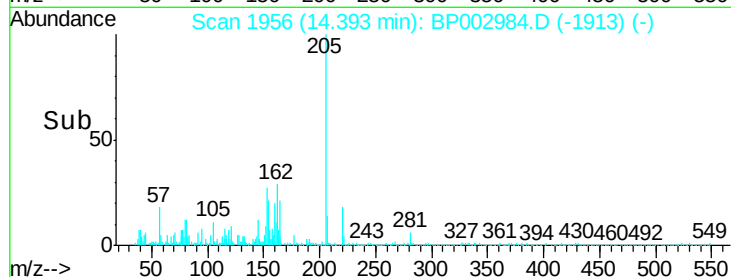
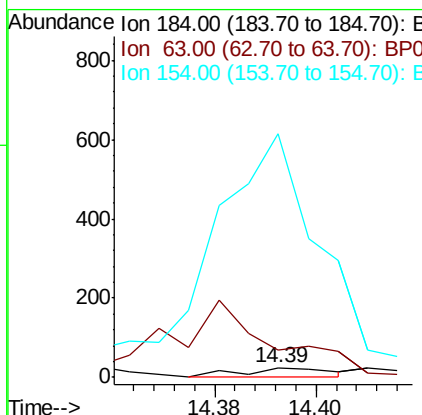
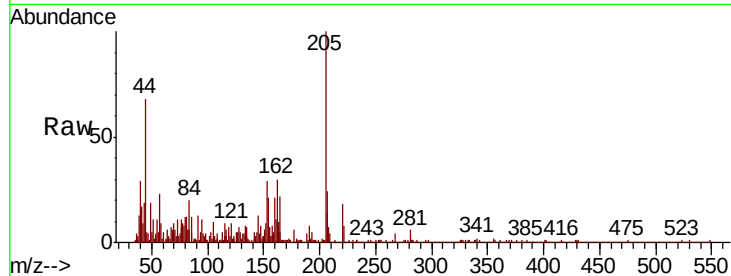




#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.05 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

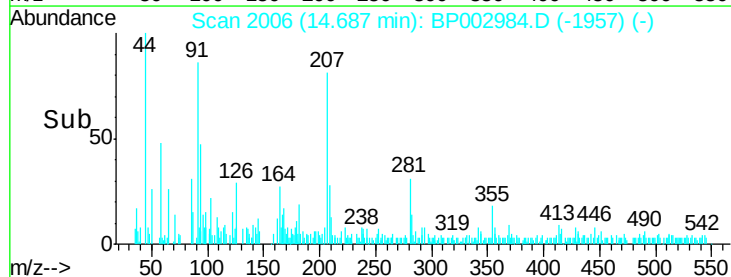
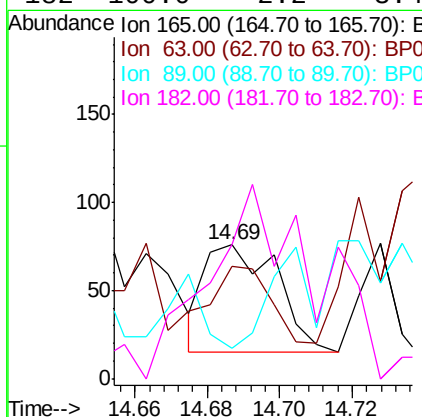
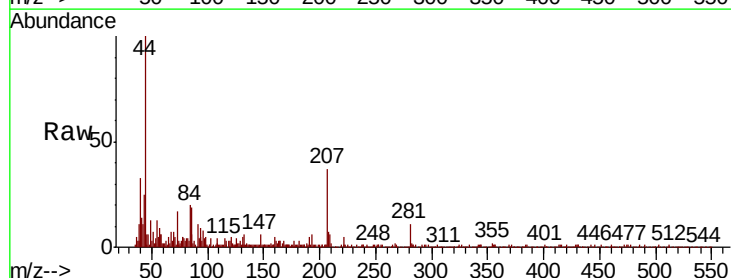
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

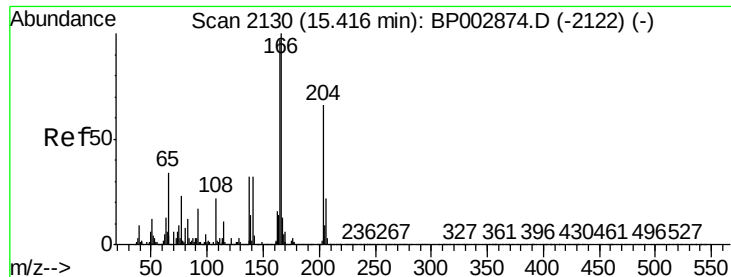
Tot Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 276.0 36.4 54.6#
154 2456.0 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.810 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Tgt Ion:165 Resp: 84
Ion Ratio Lower Upper
165 100
63 84.2 22.6 34.0#
89 22.4 46.2 69.2#
182 100.0 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.418 ng

RT: 15.39 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-5

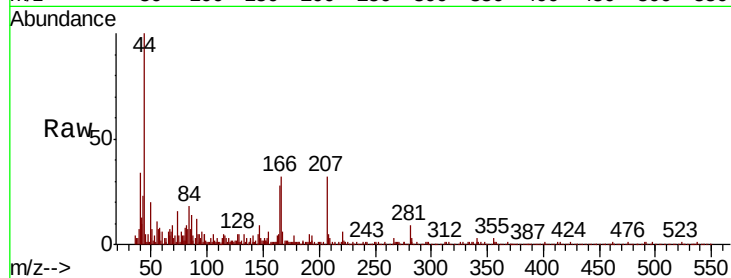
Tot Ion:138 Resp: 31

Ion Ratio Lower Upper

138 100

92 286.7 21.2 61.2#

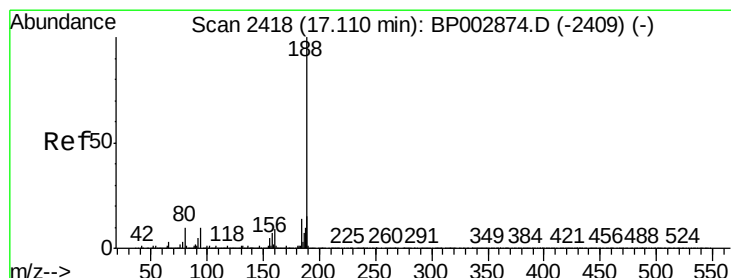
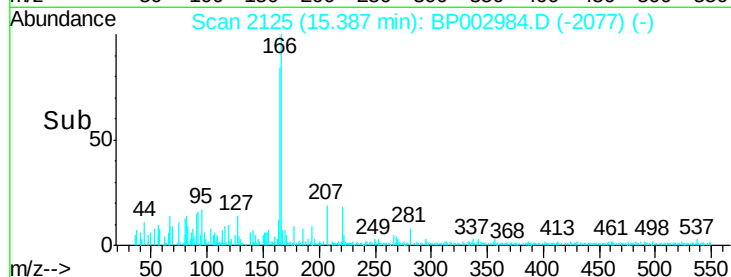
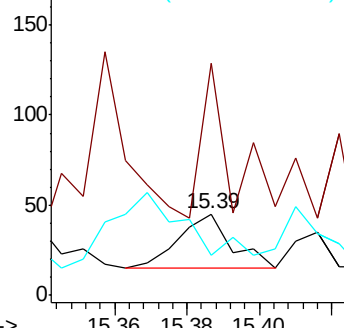
108 48.9 40.5 80.5



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: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

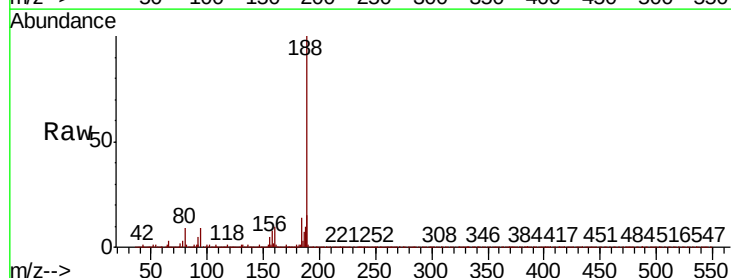
Tgt Ion:188 Resp: 1412761

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

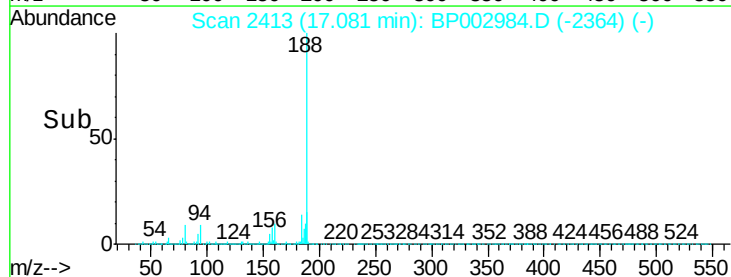
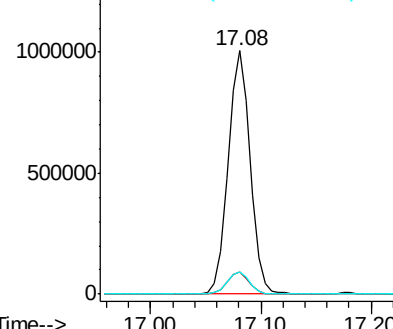
80 8.9 7.0 10.6

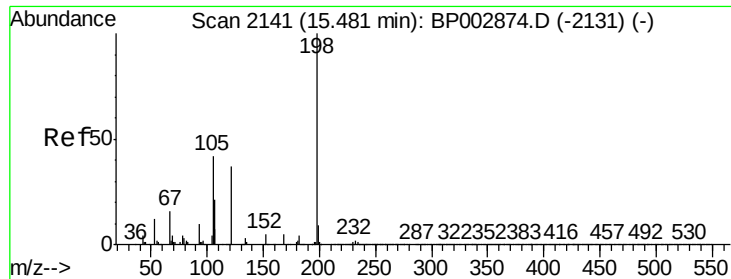


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

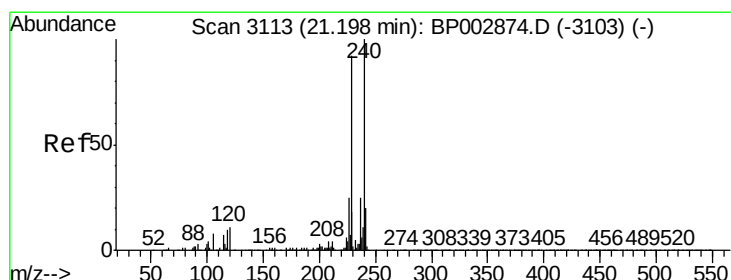
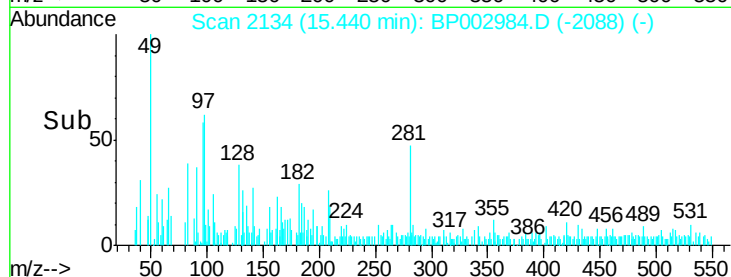
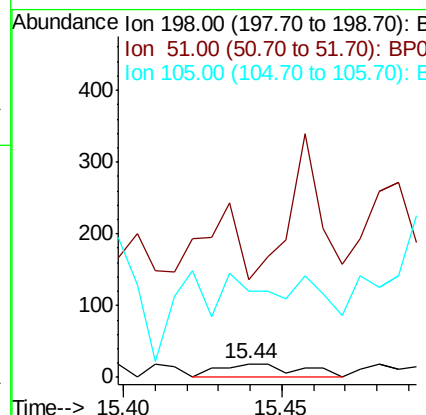
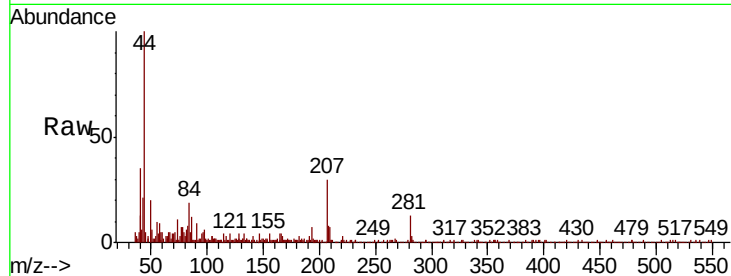




#65
4,6-Dinitro-2-methylphenol
Concen: 6.904 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

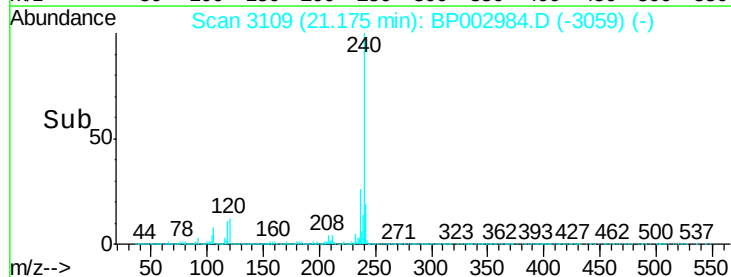
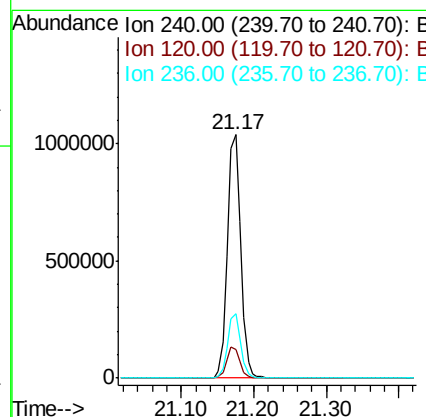
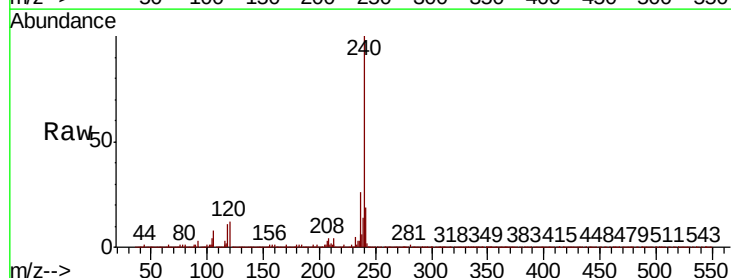
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

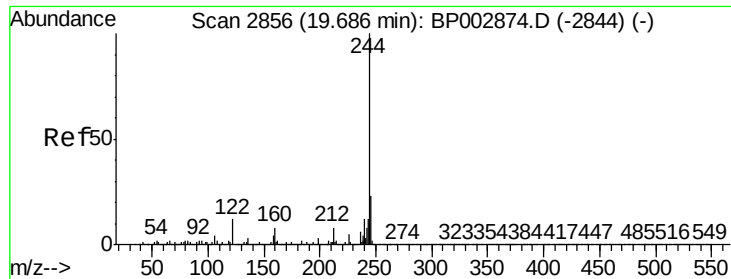
Tot Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 721.1 6.5 46.5#
105 631.6 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Tgt Ion:240 Resp: 1333367
Ion Ratio Lower Upper
240 100
120 11.9 10.6 16.0
236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 75.139 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-5

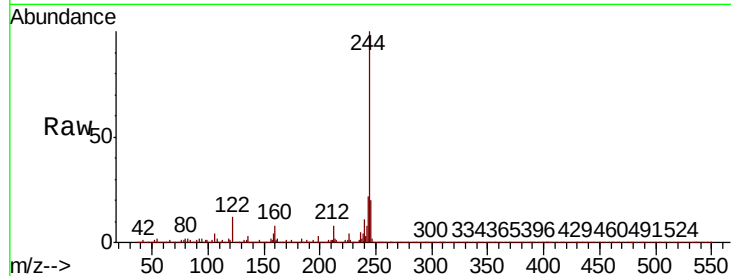
Tot Ion:244 Resp: 5004482

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

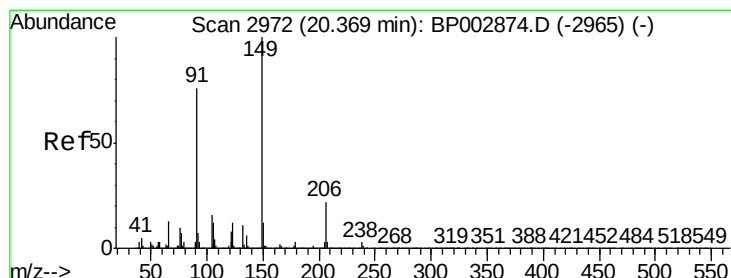
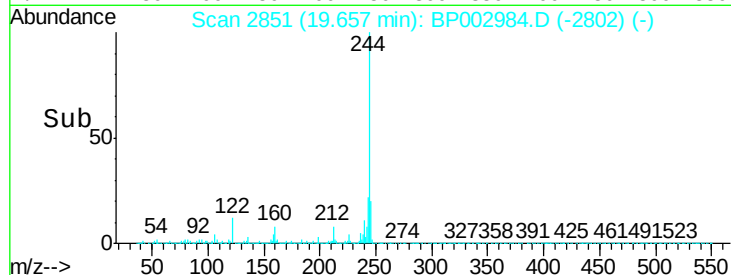
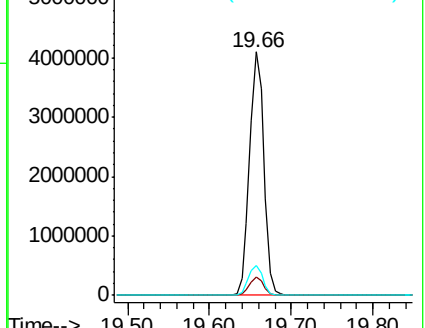
122 12.2 9.9 14.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.063 ng

RT: 20.49 min Scan# 2992

Delta R.T. 0.14 min

Lab File: BP002984.D

Acq: 14 Aug 2020 14:47

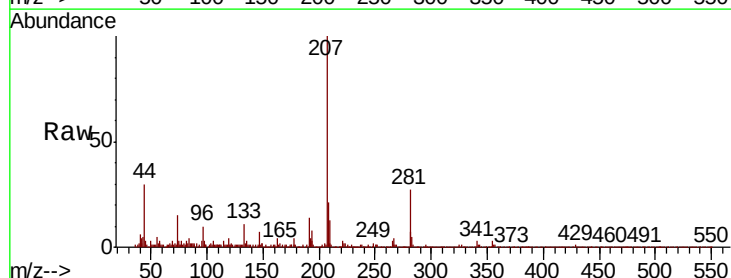
Tgt Ion:149 Resp: 219

Ion Ratio Lower Upper

149 100

91 61.3 46.5 69.7

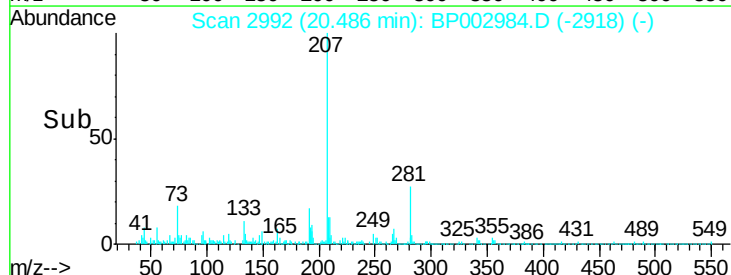
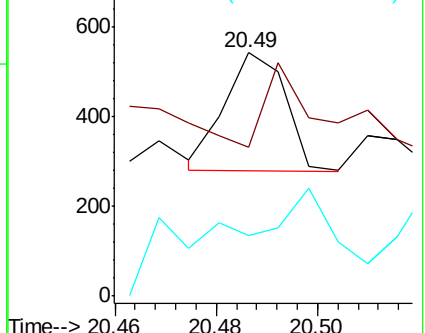
206 25.0 17.2 25.8

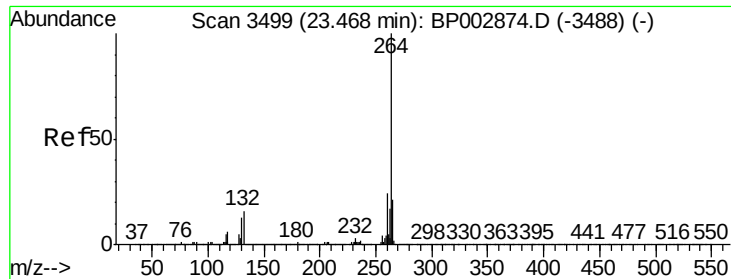


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002984.D
Acq: 14 Aug 2020 14:47

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-5

Tot Ion:264 Resp: 1445356

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.7	17.6	26.4

