

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002959.D
 Acq On : 12 Aug 2020 20:45
 Operator : CG/JU
 Sample : L3648-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-3

Quant Time: Aug 13 00:48:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

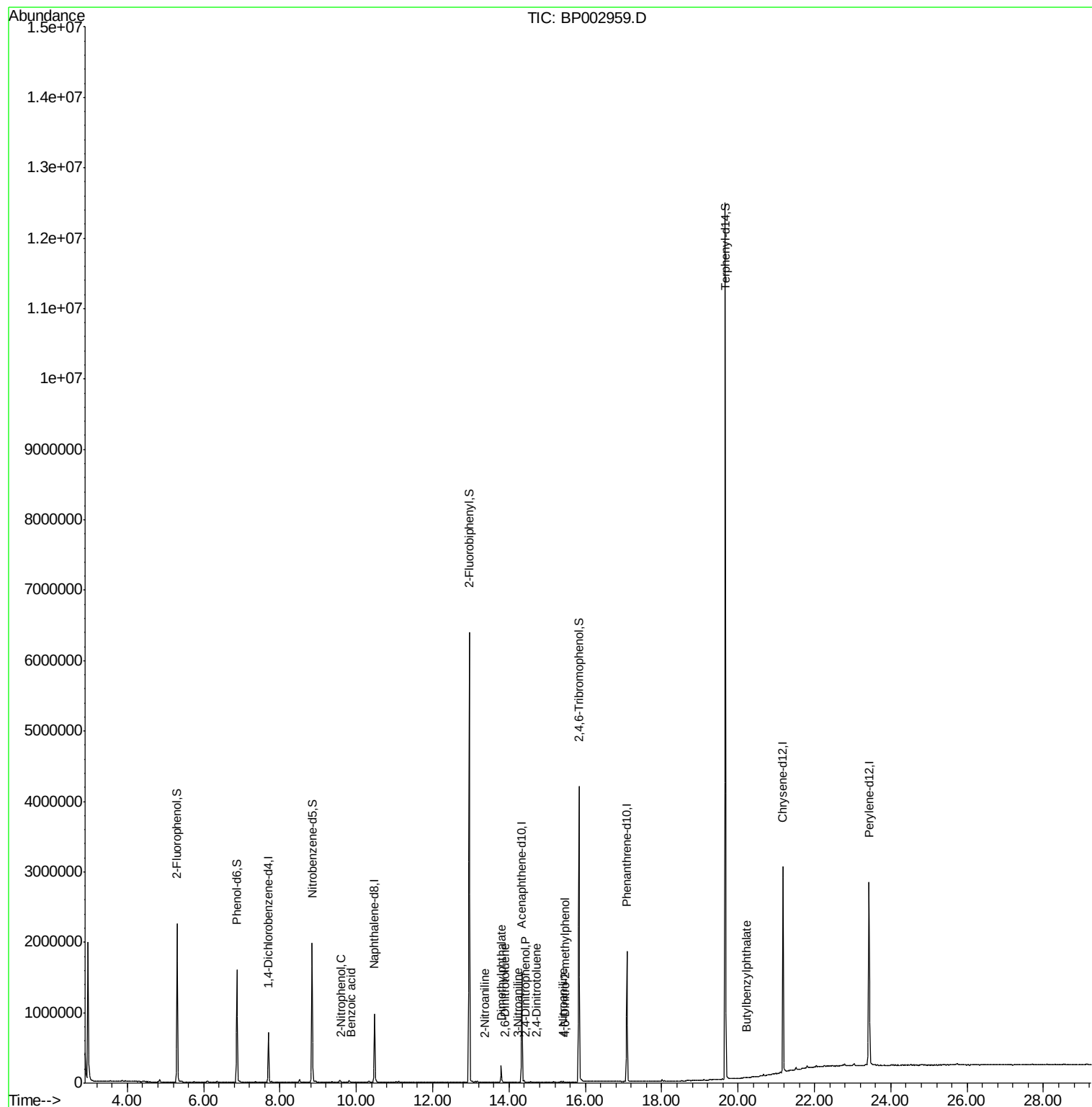
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	213918	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	899854	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	539329	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1151135	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1395058	20.00	ng	0.00
86) Perylene-d12	23.43	264	1811142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1192961	85.35	ng	0.00
7) Phenol-d6	6.87	99	1076978	55.50	ng	-0.01
23) Nitrobenzene-d5	8.84	82	1161361	69.90	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	823452	122.84	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	3339607	84.60	ng	0.00
79) Terphenyl-d14	19.66	244	5088406	73.02	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.59	139	51	4.527	ng	# 1
32) Benzoic acid	9.86	122	88	7.695	ng	89
48) 2-Nitroaniline	13.37	65	179	3.990	ng	# 4
50) Dimethylphthalate	13.79	163	168271	3.989	ng	100
51) 2,6-Dinitrotoluene	13.89	165	327	2.932	ng	# 87
53) 3-Nitroaniline	14.24	138	32	3.276	ng	# 1
54) 2,4-Dinitrophenol	14.44	184	16	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	214	3.822	ng	# 65
62) 4-Nitroaniline	15.41	138	93	2.425	ng	87
65) 4,6-Dinitro-2-methylphenol	15.47	198	43	6.906	ng	# 1
80) Butylbenzylphthalate	20.24	149	325	3.065	ng	89

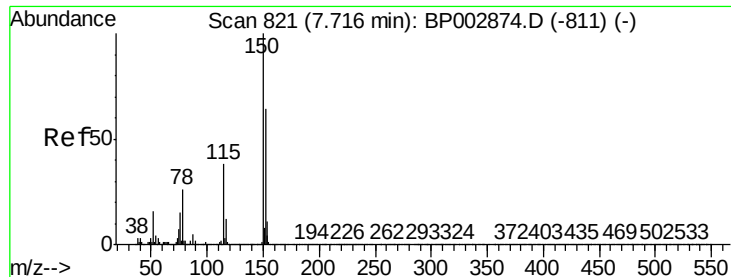
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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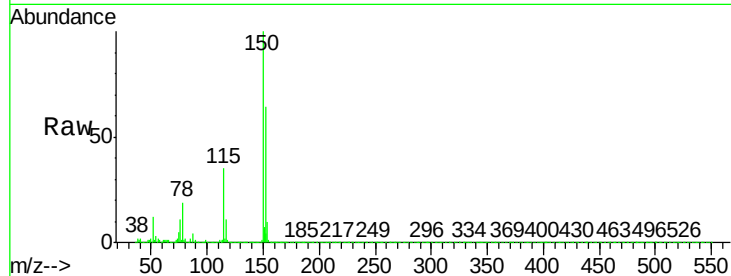


#1

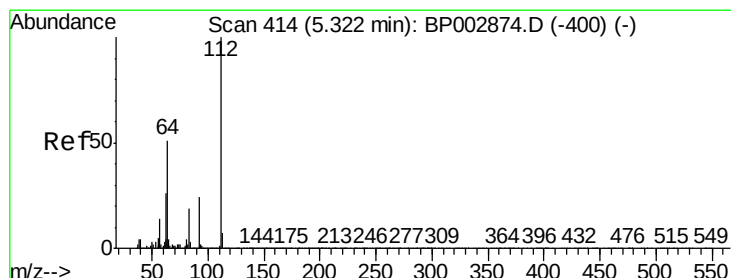
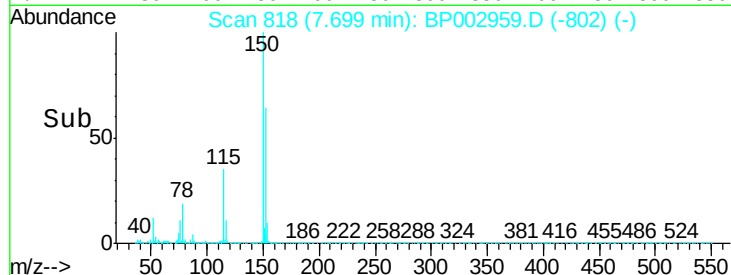
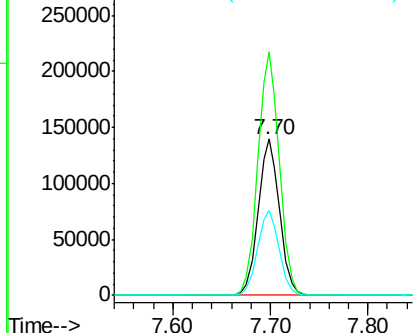
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

Instrument :
BNA_P
ClientSampleId :
BS-STOCK-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.4
115	54.0	42.1	63.1



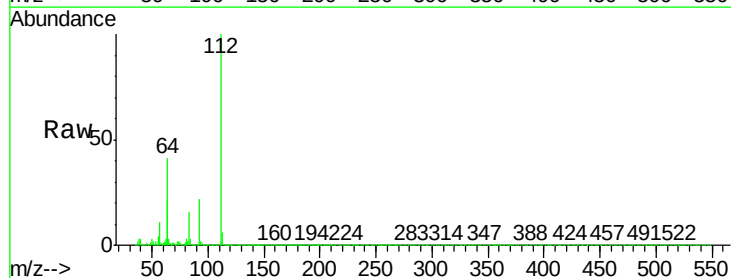
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



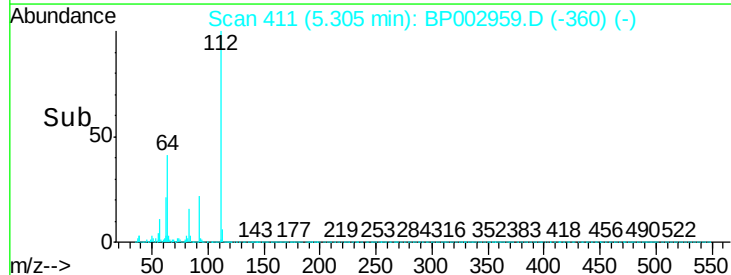
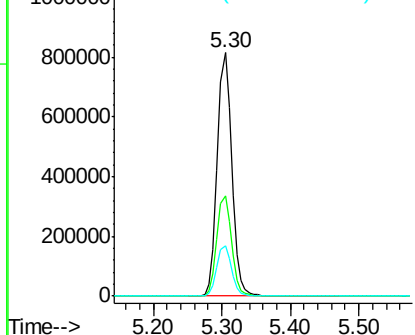
#5

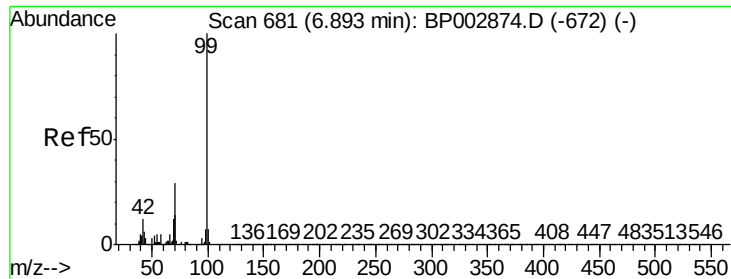
2-Fluorophenol
Concen: 85.352 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	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: 55.499 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002959.D

Acq: 12 Aug 2020 20:45

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-3

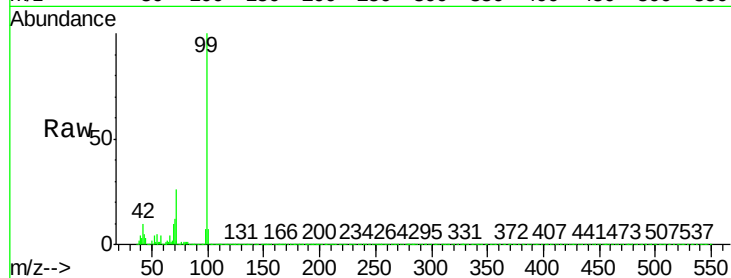
Tot Ion: 99 Resp: 1076978

Ion Ratio Lower Upper

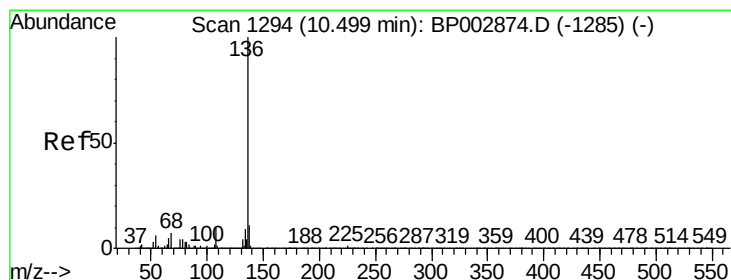
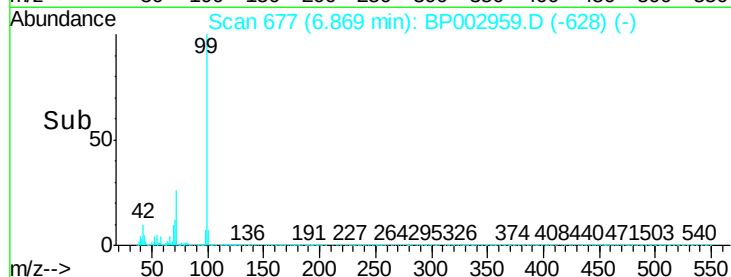
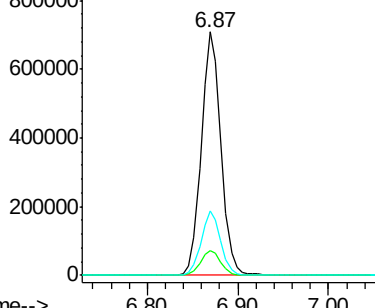
99 100

42 10.4 8.1 12.1

71 26.3 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# 1290

Delta R.T. -0.01 min

Lab File: BP002959.D

Acq: 12 Aug 2020 20:45

Tgt Ion: 136 Resp: 899854

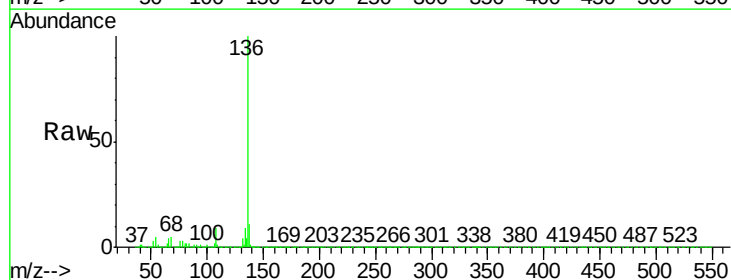
Ion Ratio Lower Upper

136 100

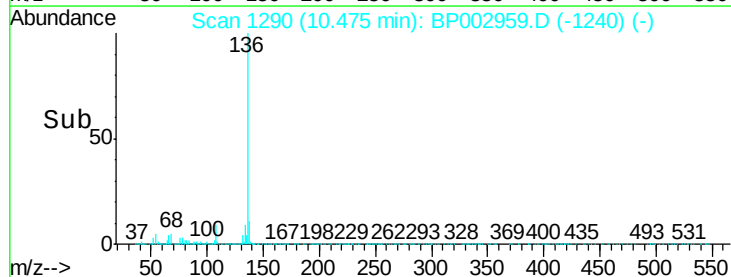
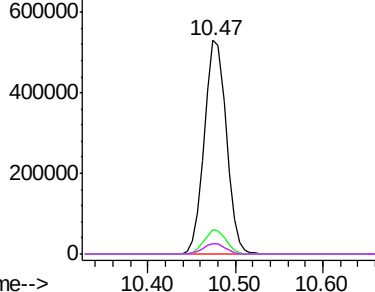
137 11.2 9.0 13.4

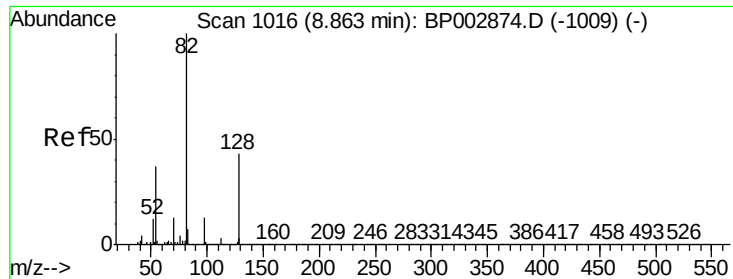
54 5.0 3.9 5.9

68 4.8 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

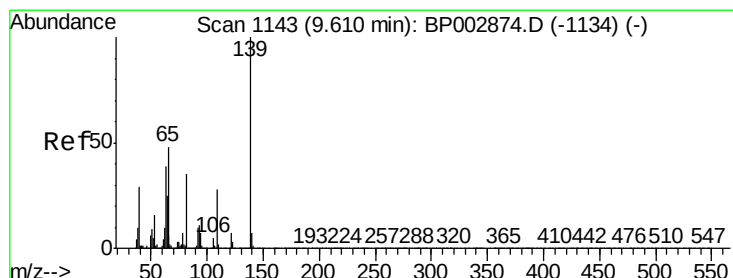
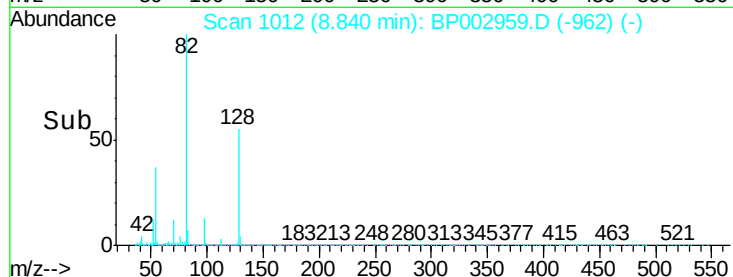
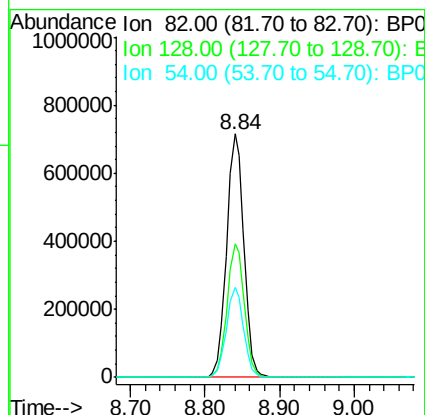
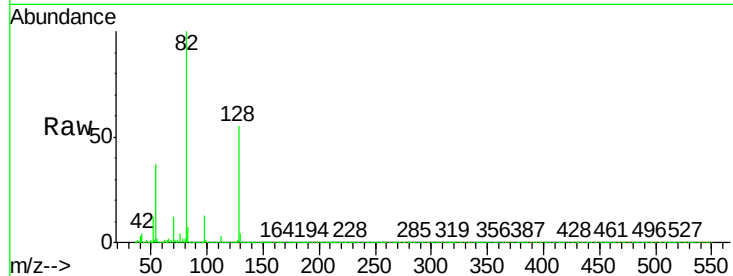




#23
 Nitrobenzene-d5
 Concen: 69.903 ng
 RT: 8.84 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BP002959.D
 Acq: 12 Aug 2020 20:45

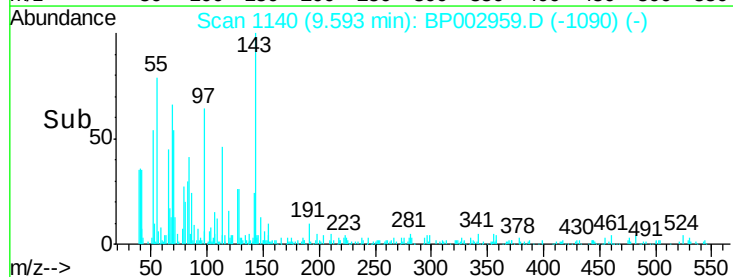
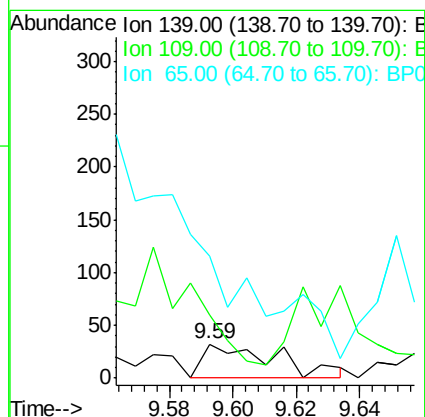
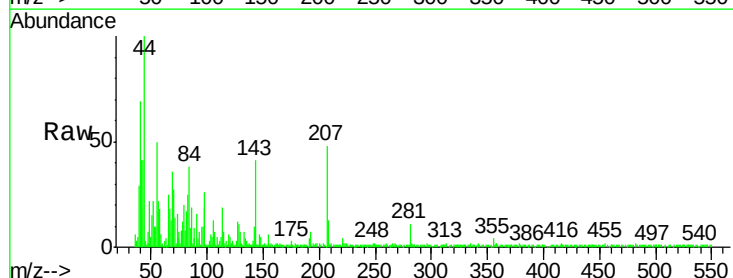
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-3

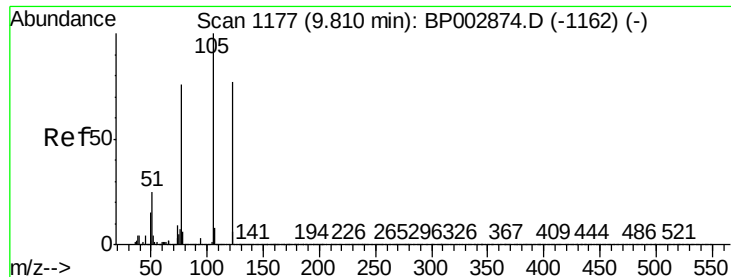
Tot Ion: 82 Resp: 1161361
 Ion Ratio Lower Upper
 82 100
 128 54.8 44.6 66.8
 54 37.0 29.2 43.8



#26
 2-Nitrophenol
 Concen: 4.527 ng
 RT: 9.59 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BP002959.D
 Acq: 12 Aug 2020 20:45

Tgt Ion: 139 Resp: 51
 Ion Ratio Lower Upper
 139 100
 109 187.5 19.5 29.3#
 65 359.4 26.6 40.0#

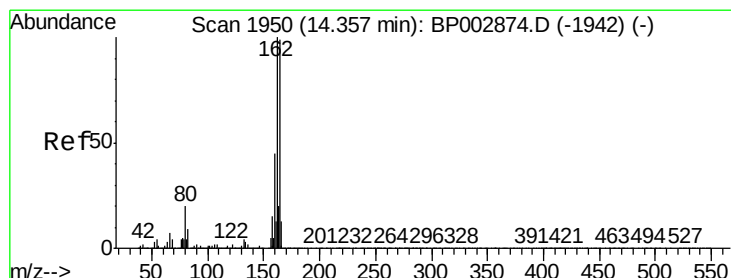
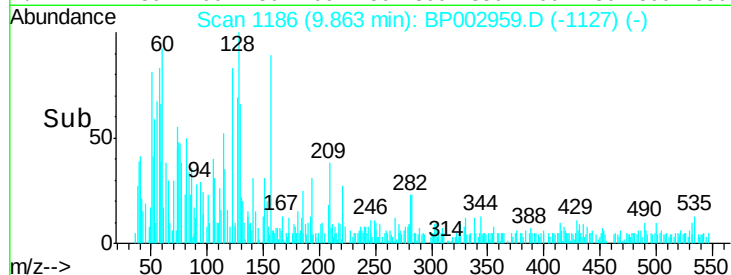
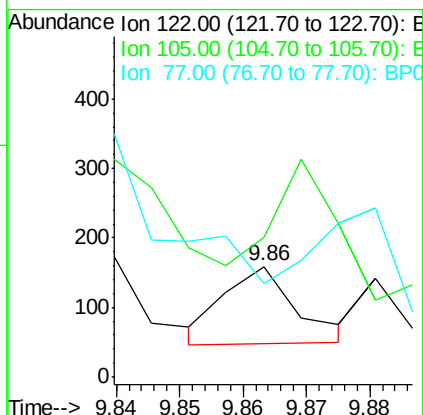
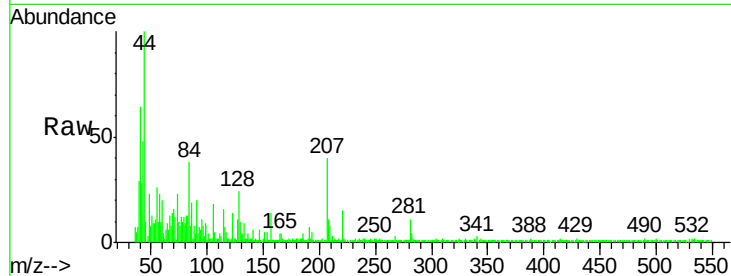




#32
Benzoic acid
Concen: 7.695 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.05 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

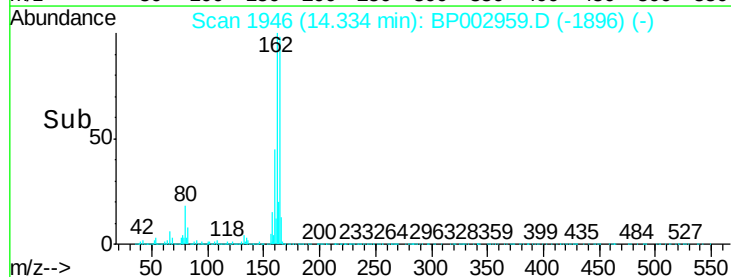
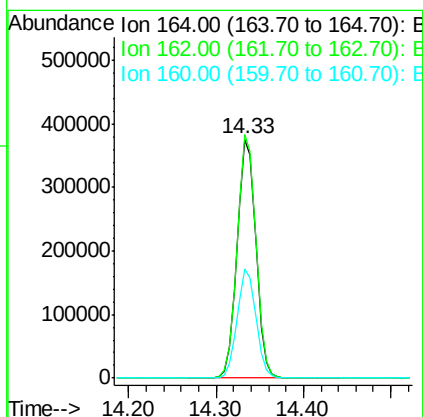
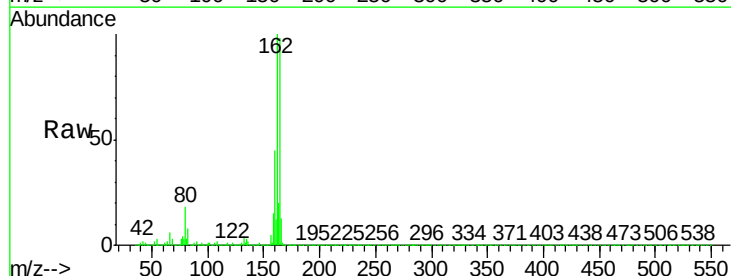
Instrument :
BNA_P
ClientSampled :
BS-STOCK-3

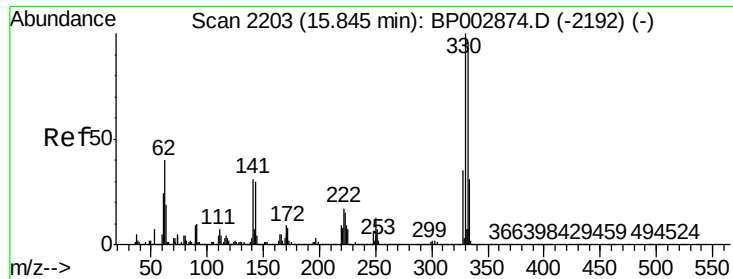
Tot Ion	Ratio	Lower	Upper
122	100		
105	126.4	95.8	135.8
77	84.9	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.4
160	45.5	36.2	54.4

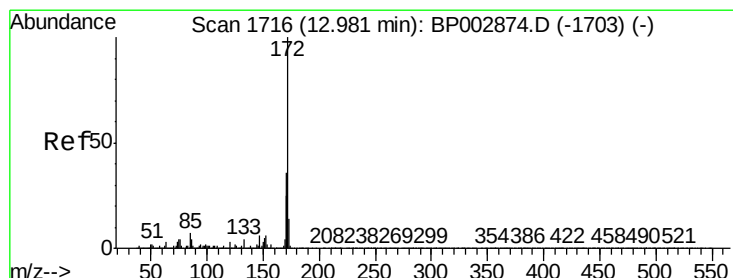
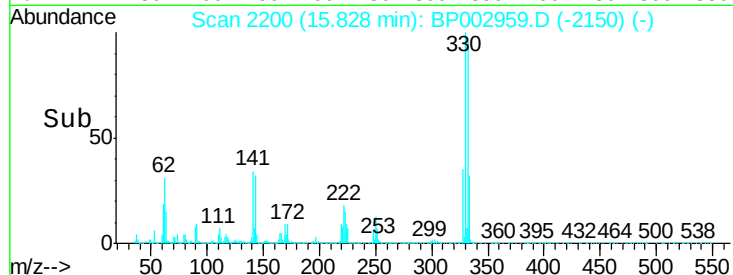
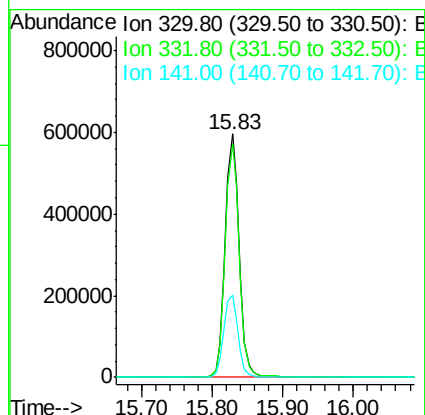
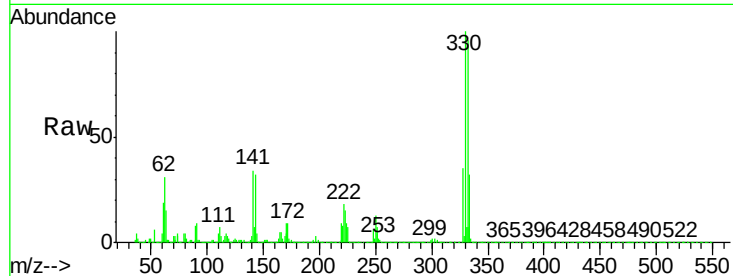




#42
2,4,6-Tribromophenol
Concen: 122.844 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

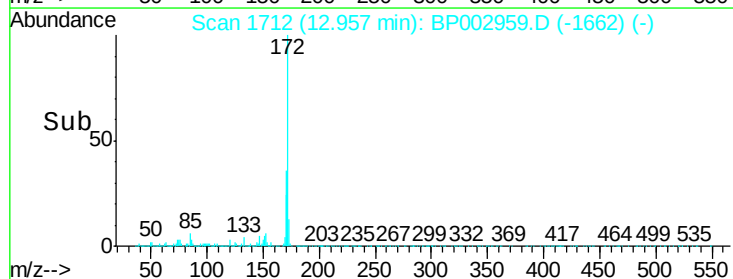
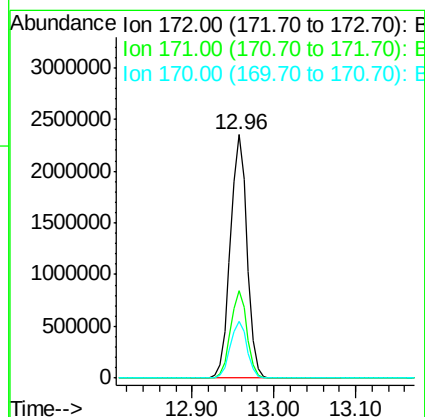
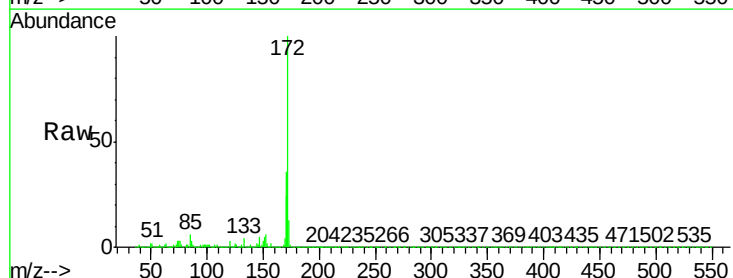
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ClientSampleId :
BS-STOCK-3

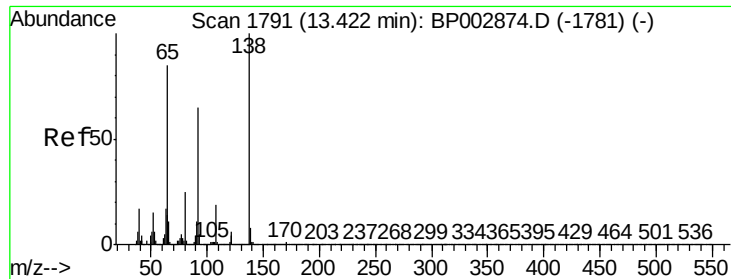
Tot Ion:330 Resp: 823452
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 34.5 28.6 43.0



#45
2-Fluorobiphenyl
Concen: 84.603 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

Tgt Ion:172 Resp: 3339607
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.5 19.6 29.4

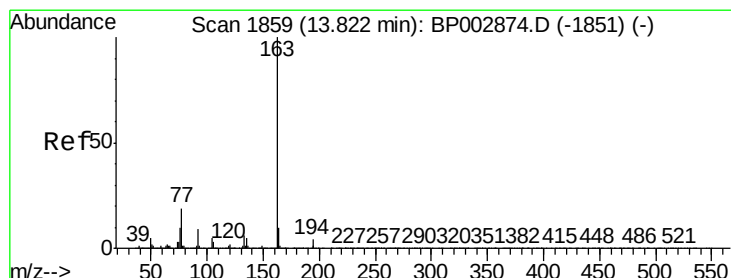
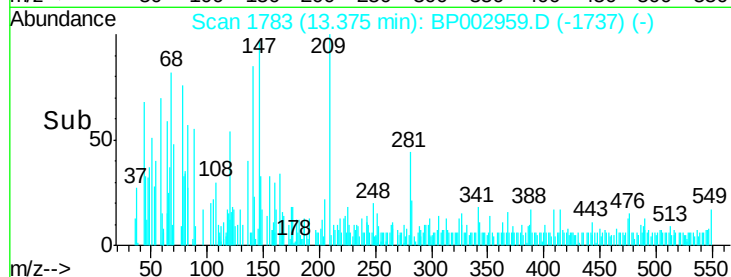
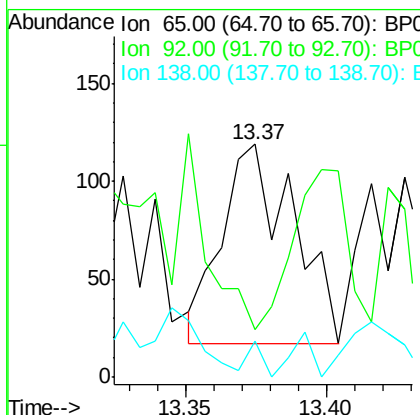
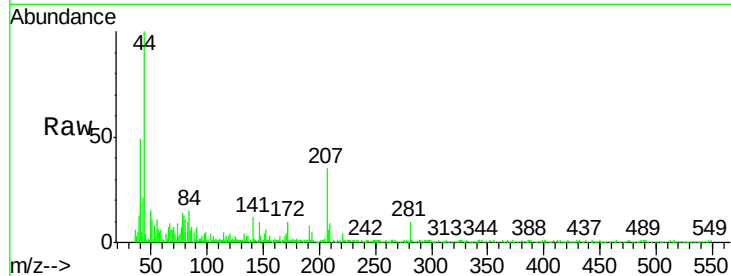




#48
2-Nitroaniline
Concen: 3.990 ng
RT: 13.37 min Scan# 1783
Delta R.T. -0.03 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

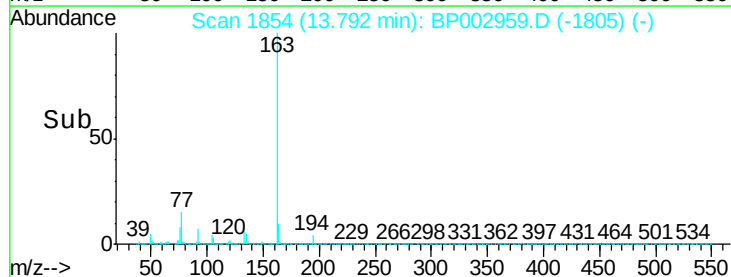
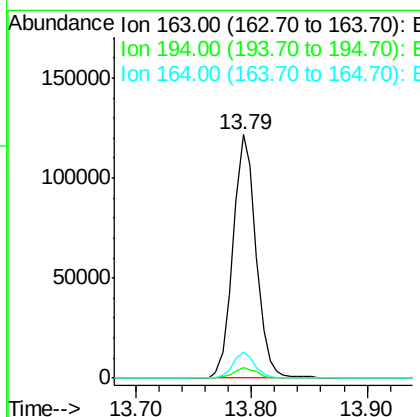
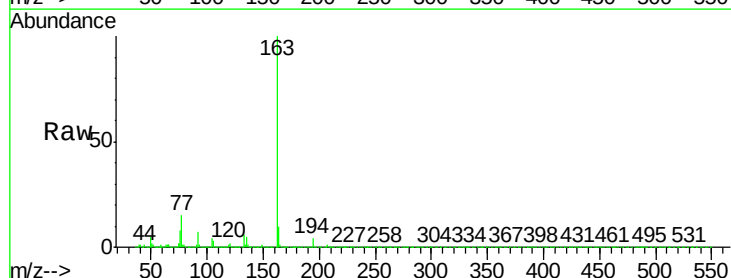
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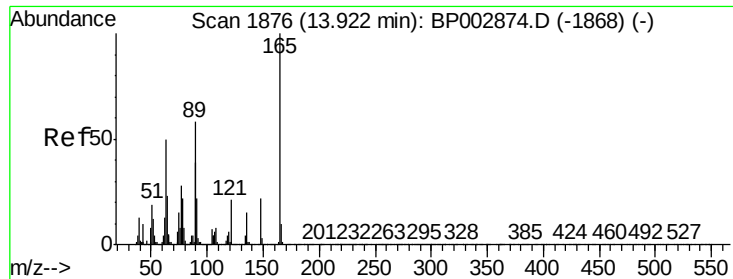
Tot Ion: 65 Resp: 179
Ion Ratio Lower Upper
65 100
92 20.2 69.6 104.4#
138 15.1 125.6 188.4#



#50
Dimethylphthalate
Concen: 3.989 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

Tgt Ion: 163 Resp: 168271
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.2 12.4

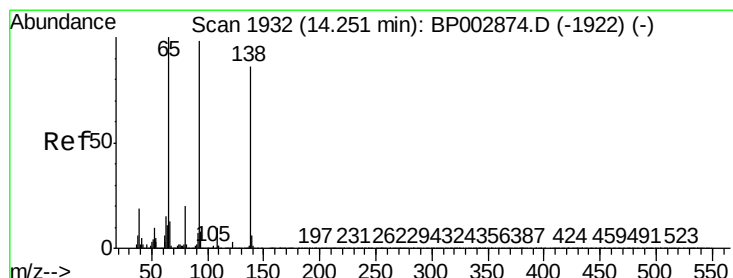
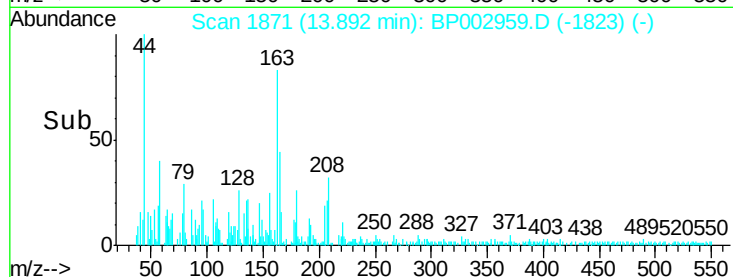
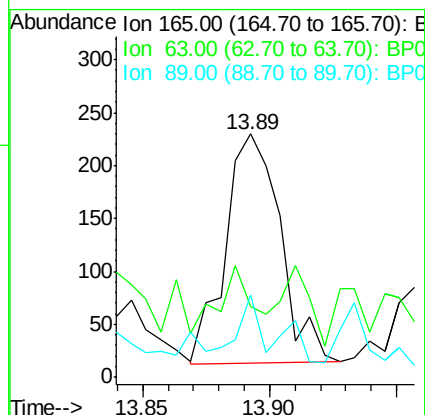
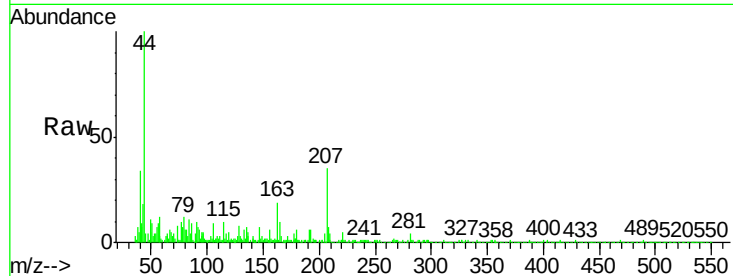




#51
 2,6-Dinitrotoluene
 Concen: 2.932 ng
 RT: 13.89 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BP002959.D
 Acq: 12 Aug 2020 20:45

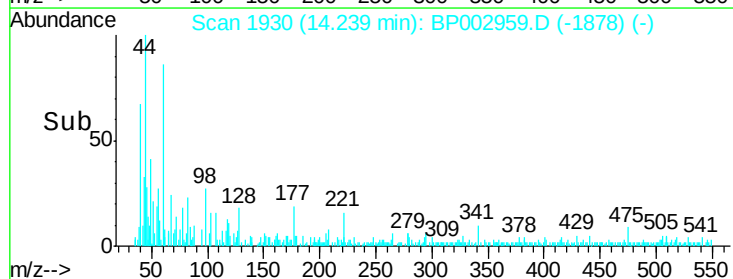
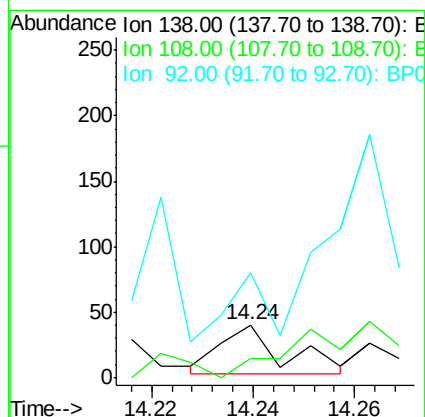
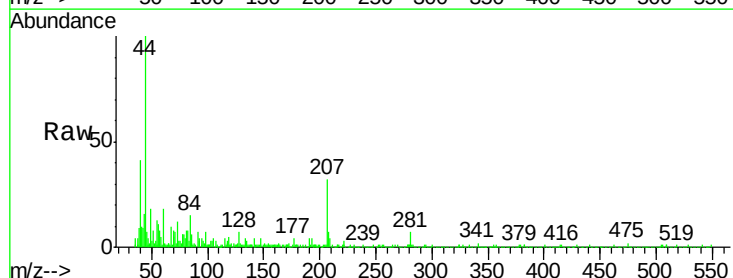
Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-3

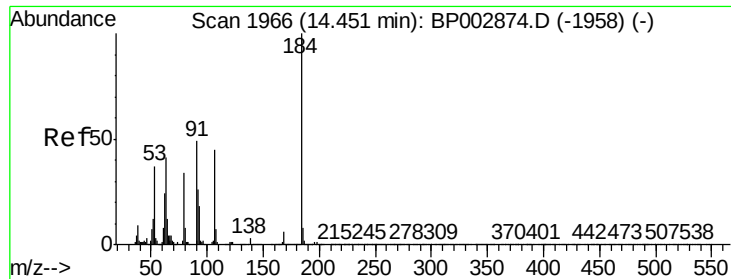
Tot Ion	Ratio	Lower	Upper
165	100		
63	29.1	27.5	41.3
89	33.9	35.3	52.9#



#53
 3-Nitroaniline
 Concen: 3.276 ng
 RT: 14.24 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: BP002959.D
 Acq: 12 Aug 2020 20:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	65.0	7.2	10.8#
92	200.0	75.8	113.6#

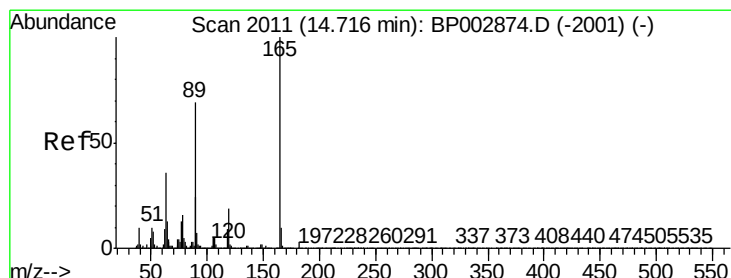
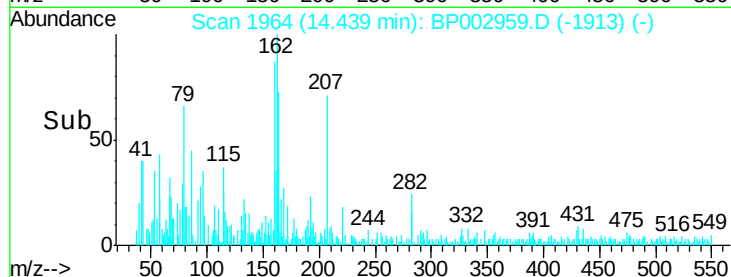
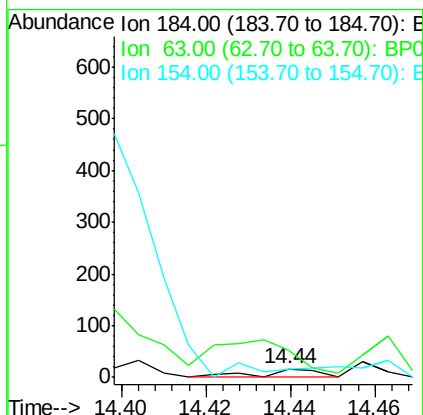
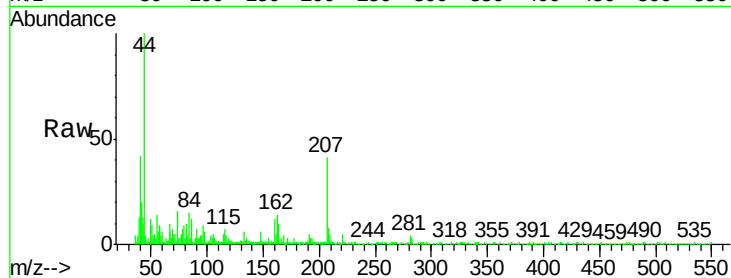




#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

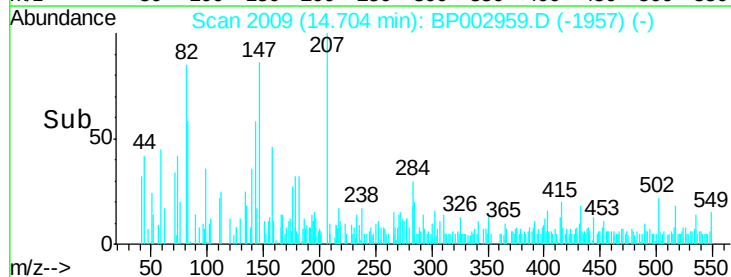
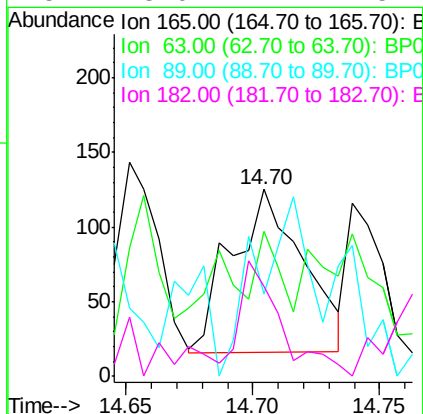
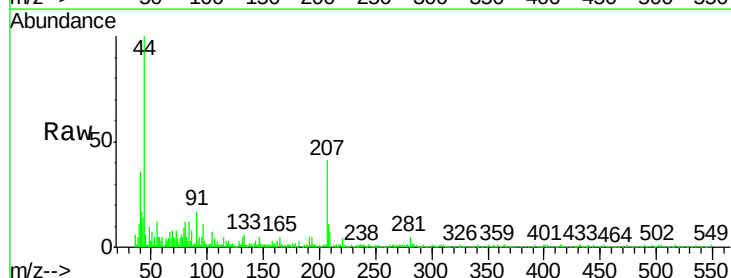
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-3

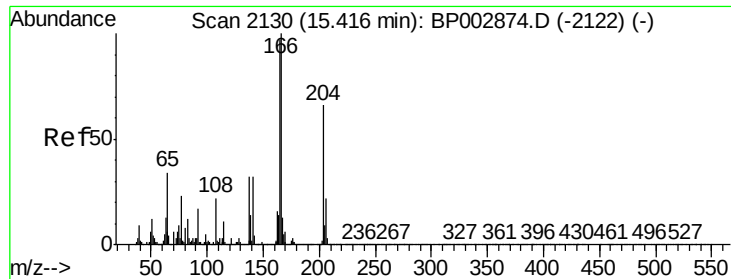
Tot Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 311.8 36.4 54.6#
154 88.2 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.822 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

Tgt Ion:165 Resp: 214
Ion Ratio Lower Upper
165 100
63 77.6 22.6 34.0#
89 59.2 46.2 69.2
182 48.0 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.425 ng

RT: 15.41 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BP002959.D

Acq: 12 Aug 2020 20:45

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-3

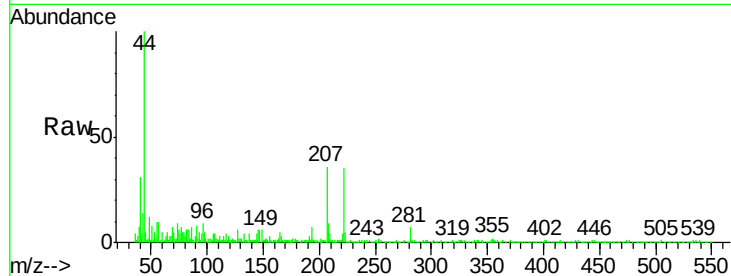
Tot Ion:138 Resp: 93

Ion Ratio Lower Upper

138 100

92 43.2 21.2 61.2

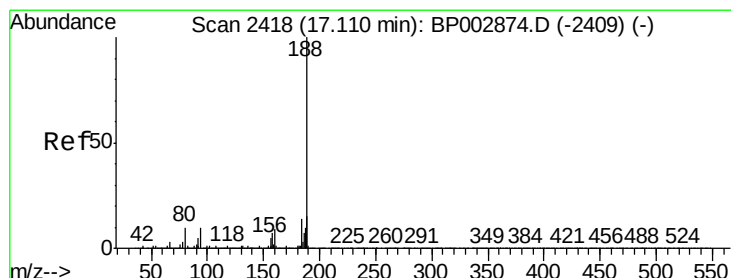
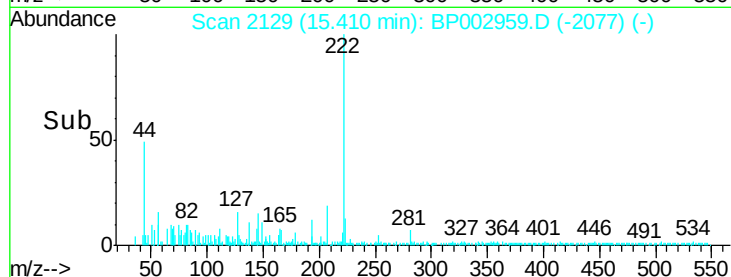
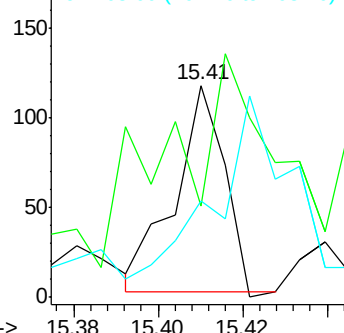
108 45.8 40.5 80.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002959.D

Acq: 12 Aug 2020 20:45

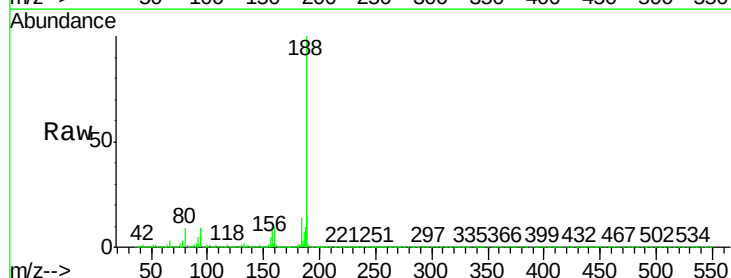
Tgt Ion:188 Resp: 1151135

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

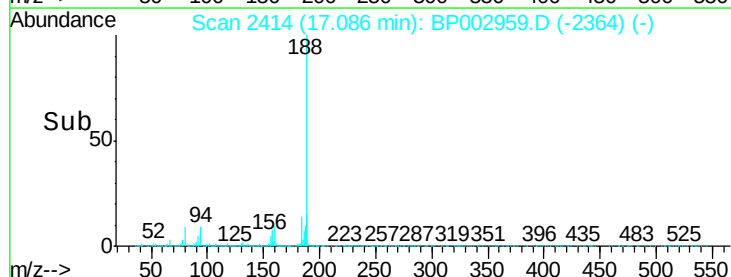
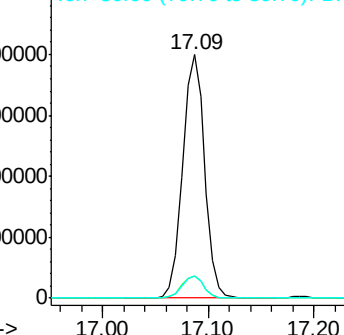
80 9.0 7.0 10.6

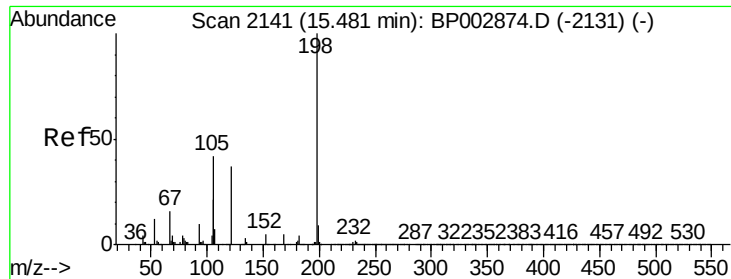


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

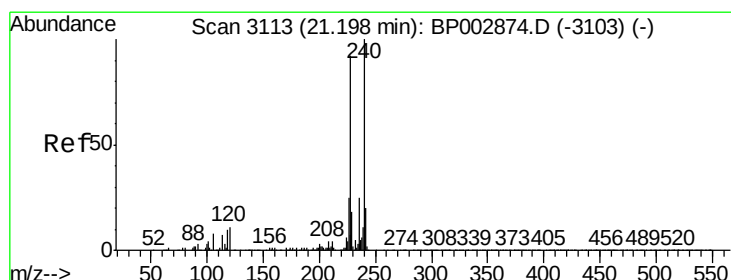
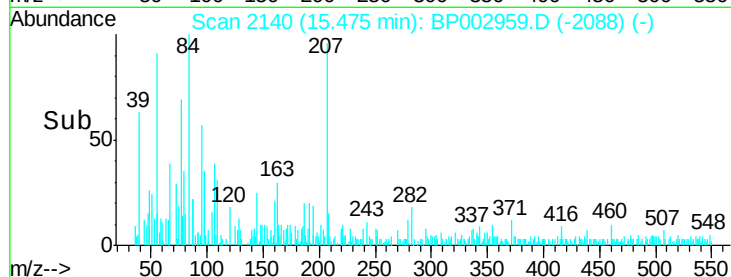
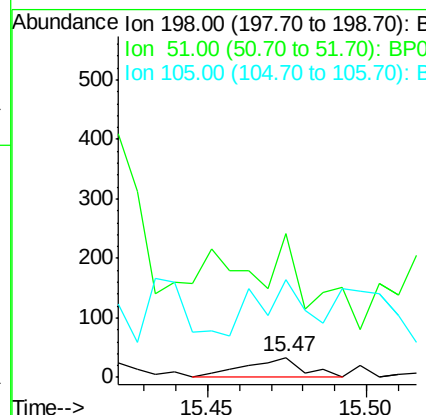
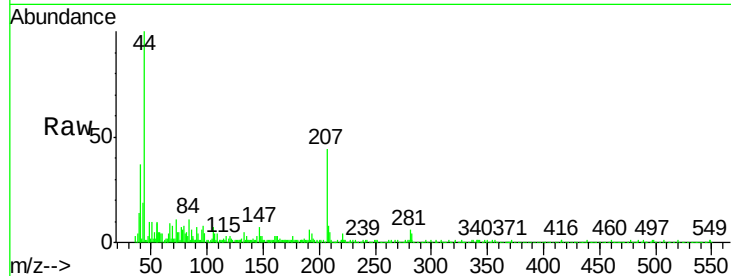




#65
4,6-Dinitro-2-methylphenol
Concen: 6.906 ng
RT: 15.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

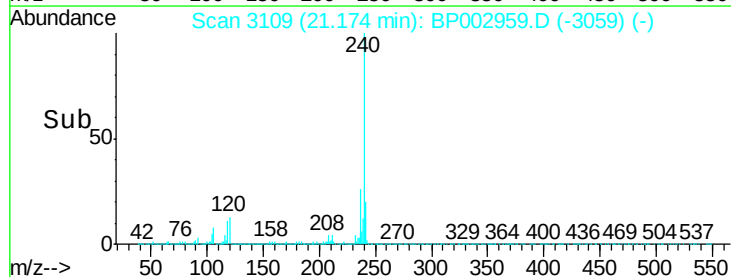
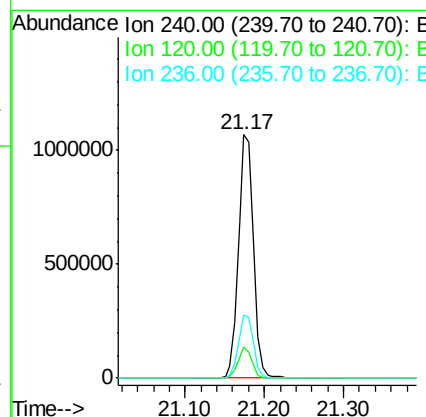
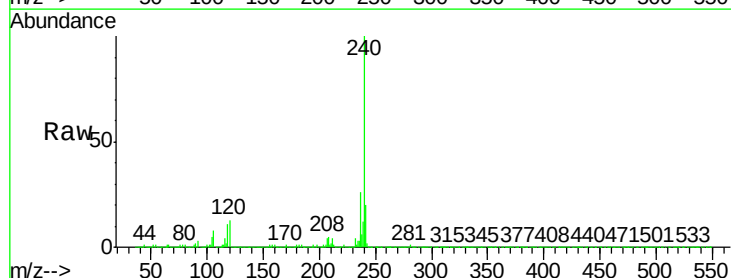
Instrument :
BNA_P
ClientSampleId :
BS-STOCK-3

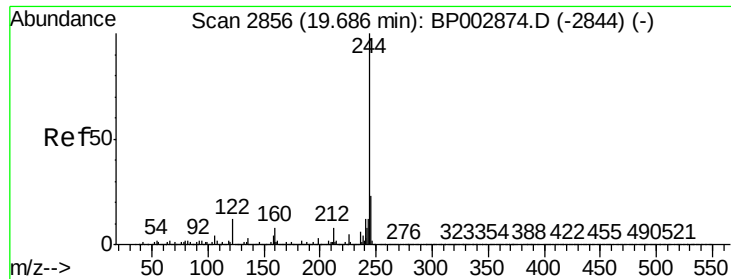
Tot Ion:198 Resp: 43
Ion Ratio Lower Upper
198 100
51 708.8 6.5 46.5#
105 485.3 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002959.D
Acq: 12 Aug 2020 20:45

Tgt Ion:240 Resp: 1395058
Ion Ratio Lower Upper
240 100
120 12.7 10.6 16.0
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 73.020 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002959.D

Acq: 12 Aug 2020 20:45

Instrument :

BNA_P

ClientSampleId :

BS-STOCK-3

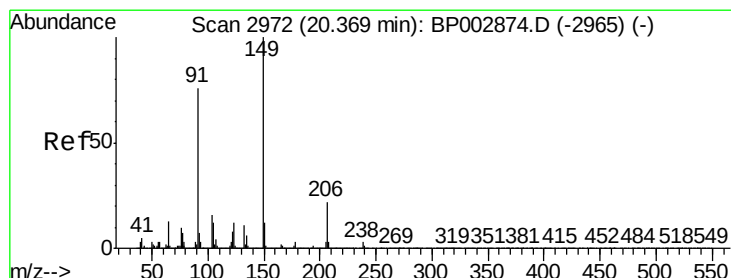
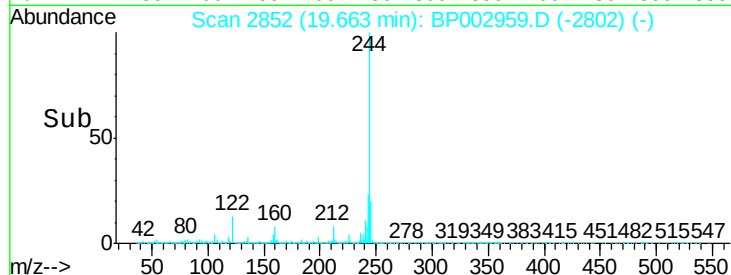
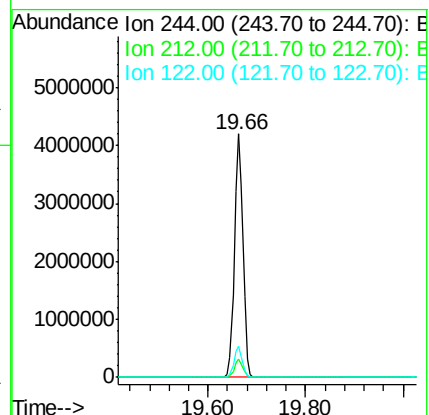
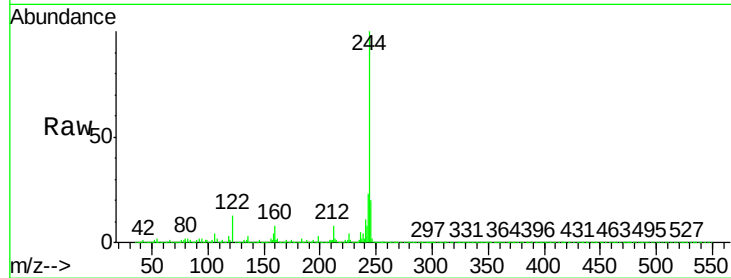
Tot Ion:244 Resp: 5088406

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 12.5 9.9 14.9



#80

Butylbenzylphthalate

Concen: 3.065 ng

RT: 20.24 min Scan# 2950

Delta R.T. -0.11 min

Lab File: BP002959.D

Acq: 12 Aug 2020 20:45

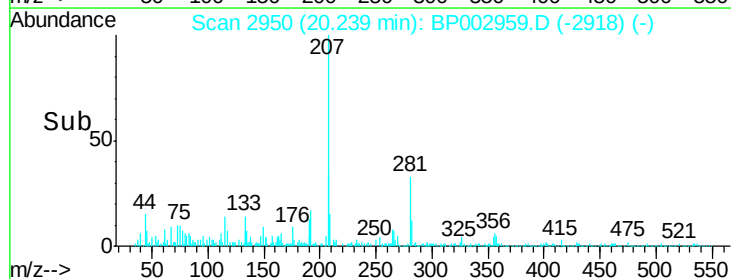
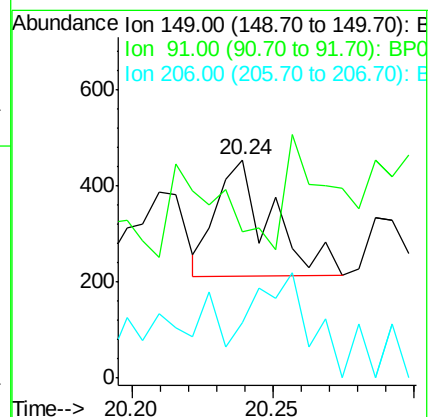
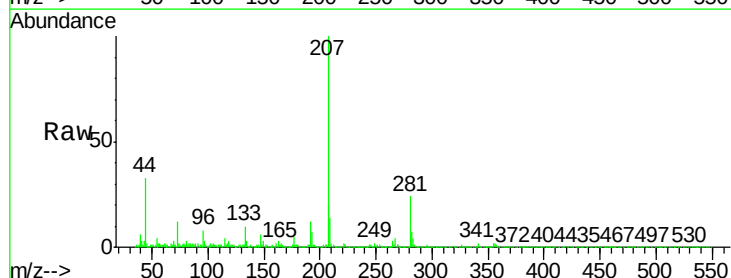
Tgt Ion:149 Resp: 325

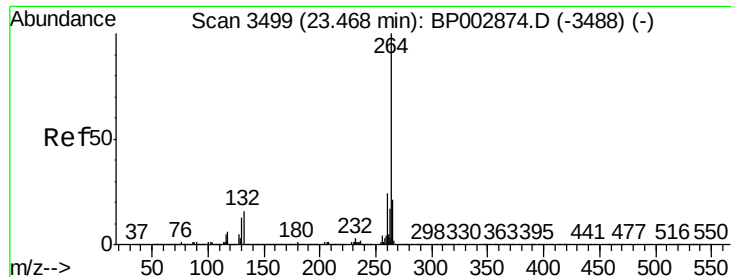
Ion Ratio Lower Upper

149 100

91 67.2 46.5 69.7

206 25.6 17.2 25.8





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.43 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BP002959.D
 Acq: 12 Aug 2020 20:45

Instrument :
 BNA_P
 ClientSampleId :
 BS-STOCK-3

Tot Ion:264 Resp: 1811142
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.1 17.6 26.4

