

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002964.D
 Acq On : 13 Aug 2020 02:39
 Operator : CG/JU
 Sample : L3648-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BW-STOCK

Quant Time: Aug 13 03:09:30 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

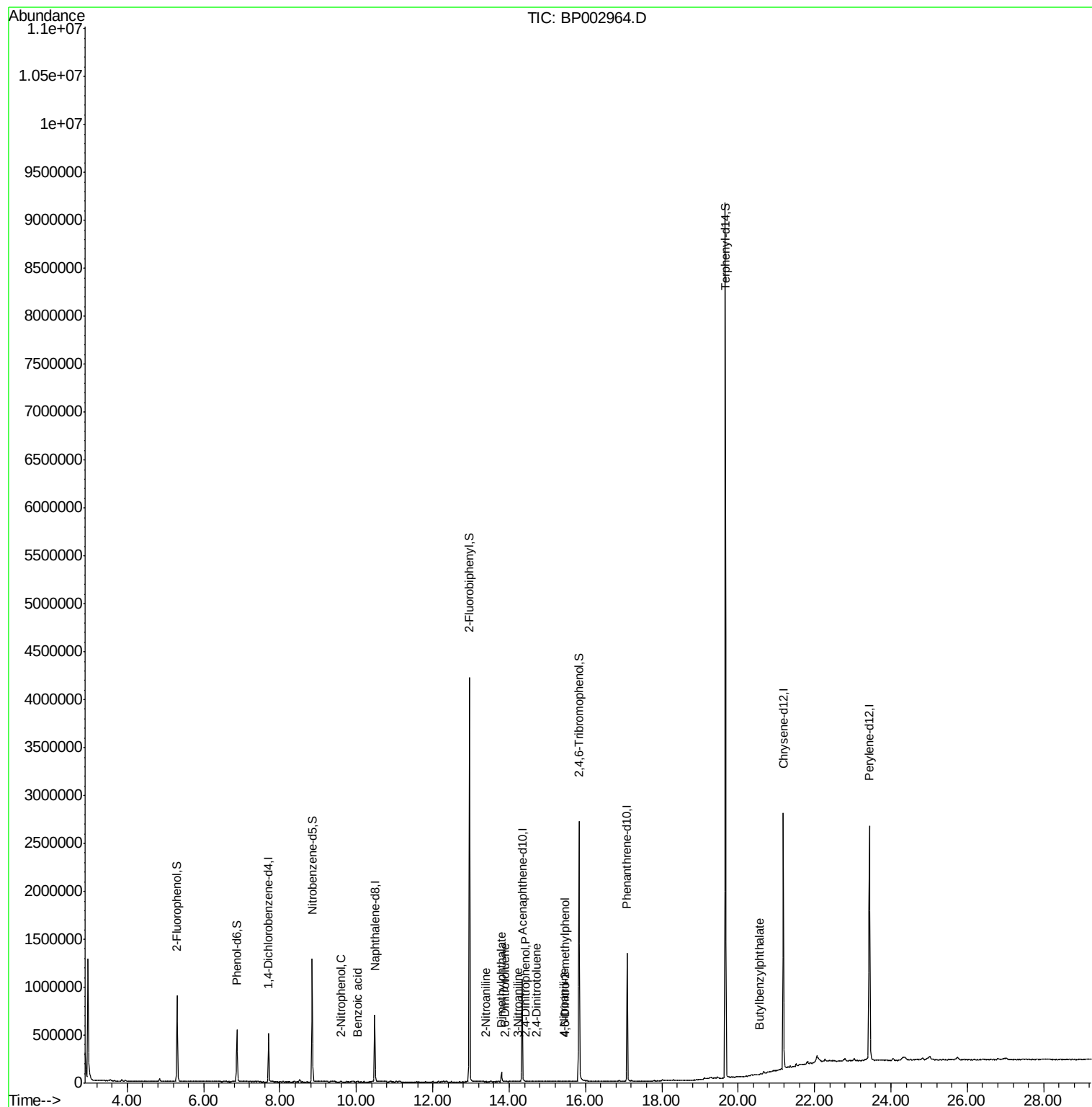
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	152985	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	636691	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	374881	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	847698	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1212623	20.00	ng	0.00
86) Perylene-d12	23.43	264	1694637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	505857	50.61	ng	0.00
7) Phenol-d6	6.87	99	379998	27.38	ng	-0.01
23) Nitrobenzene-d5	8.84	82	757675	64.45	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	548781	117.78	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	2222837	81.01	ng	0.00
79) Terphenyl-d14	19.66	244	3894483	64.30	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.60	139	10	4.522	ng	# 1
32) Benzoic acid	10.04	122	99	7.700	ng	85
48) 2-Nitroaniline	13.39	65	185	4.000	ng	# 31
50) Dimethylphthalate	13.80	163	76594	2.612	ng	99
51) 2,6-Dinitrotoluene	13.91	165	359	2.950	ng	93
53) 3-Nitroaniline	14.23	138	40	3.279	ng	# 1
54) 2,4-Dinitrophenol	14.44	184	29	8.067	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	280	3.835	ng	# 88
62) 4-Nitroaniline	15.43	138	33	2.421	ng	# 52
65) 4,6-Dinitro-2-methylphenol	15.47	198	29	6.906	ng	# 1
80) Butylbenzylphthalate	20.55	149	158	3.062	ng	88

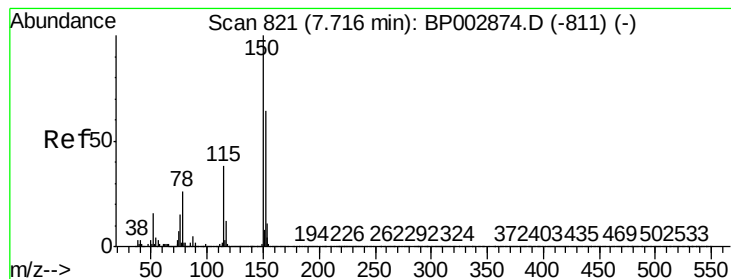
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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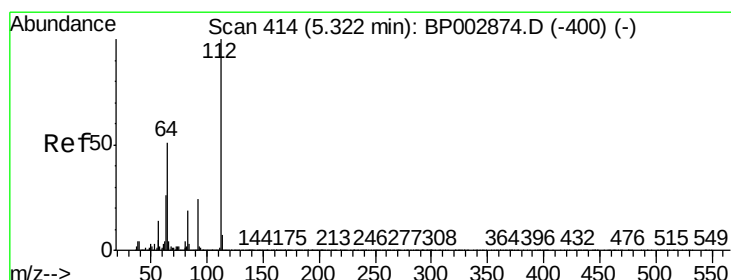
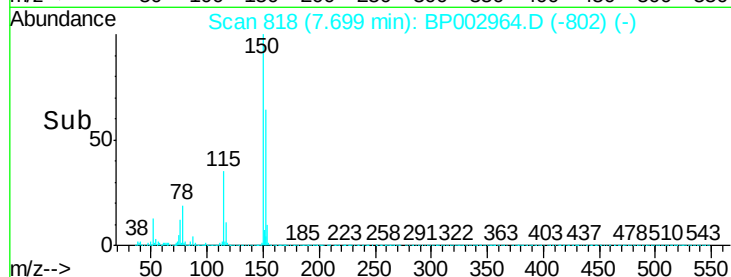
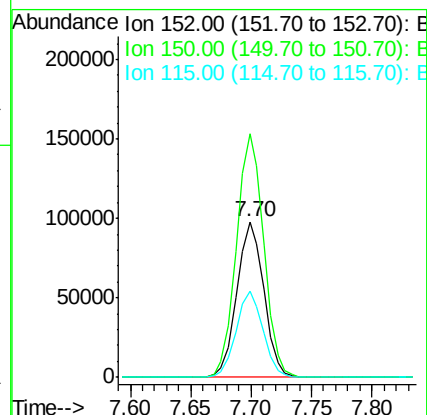
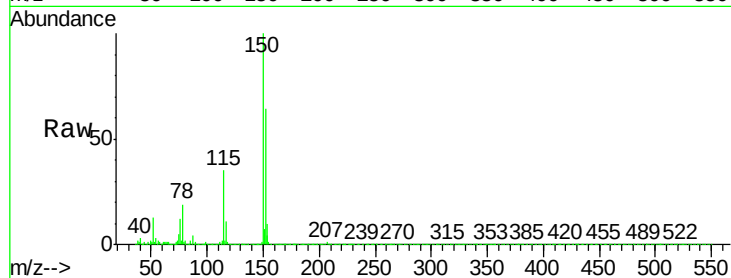


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

Instrument :
BNA_P
ClientSampleId :
BW-STOCK

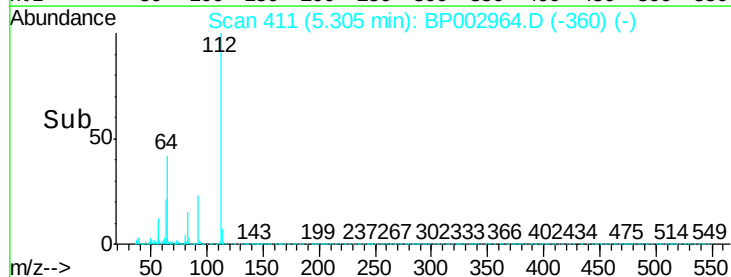
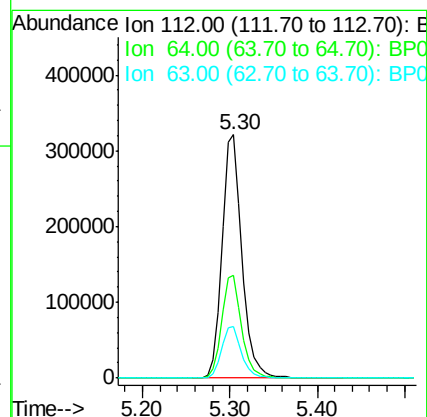
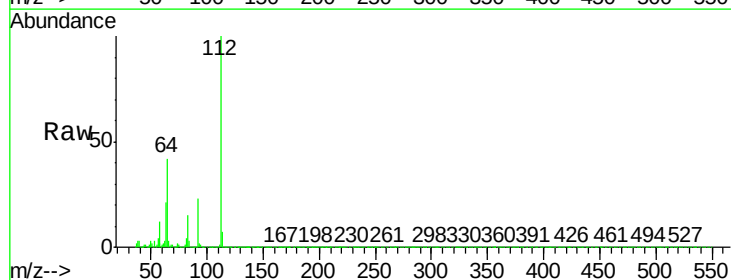
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.4
115	55.3	42.1	63.1

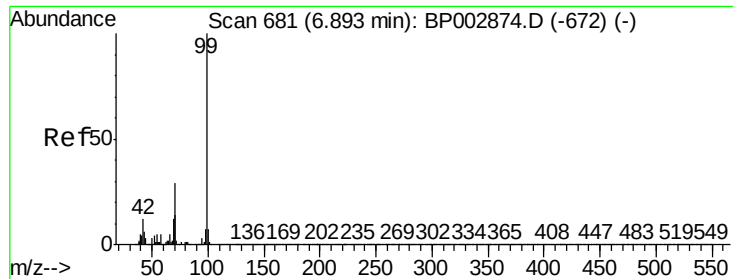


#5

2-Fluorophenol
Concen: 50.607 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.1	33.8	50.8
63	21.1	17.2	25.8





#7

Phenol-d6

Concen: 27.382 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 02:39

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

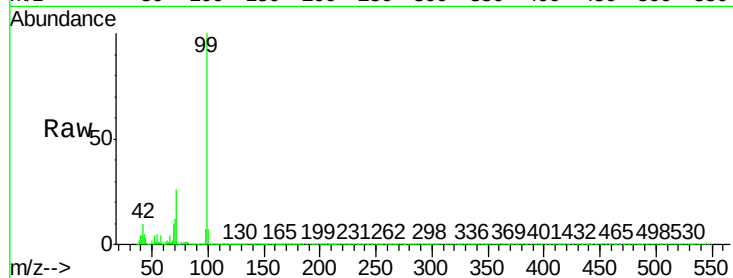
Tot Ion: 99 Resp: 379998

Ion Ratio Lower Upper

99 100

42 10.4 8.1 12.1

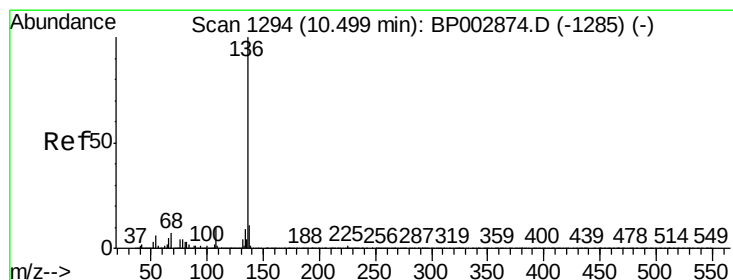
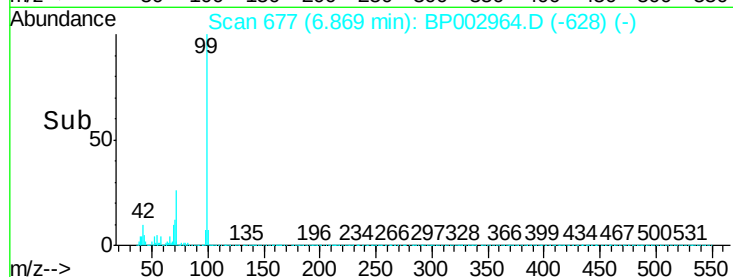
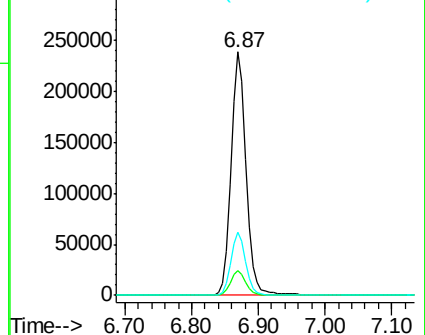
71 25.7 21.0 31.4



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: 10.48 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BP002964.D

Acq: 13 Aug 2020 02:39

Tgt Ion: 136 Resp: 636691

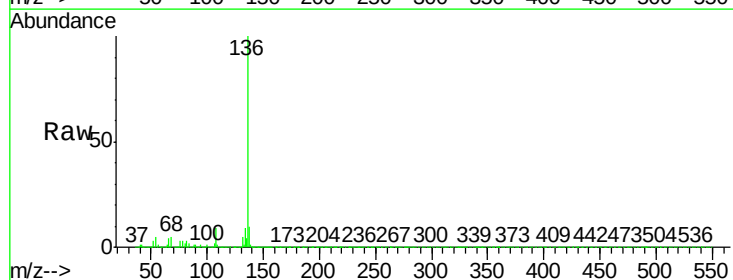
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 4.8 3.9 5.9

68 5.0 3.8 5.8

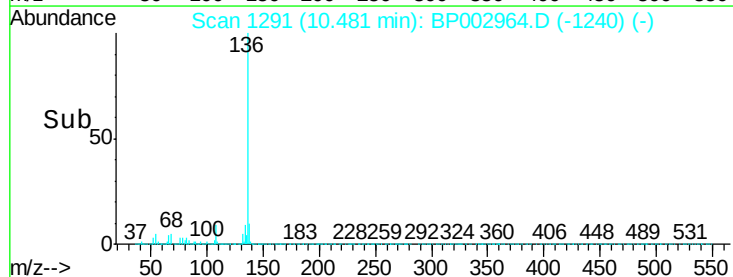
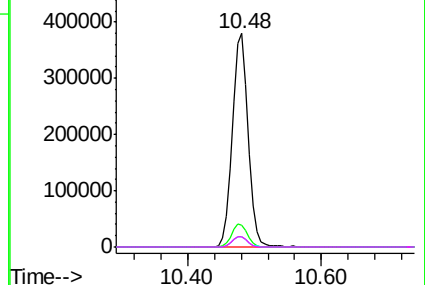


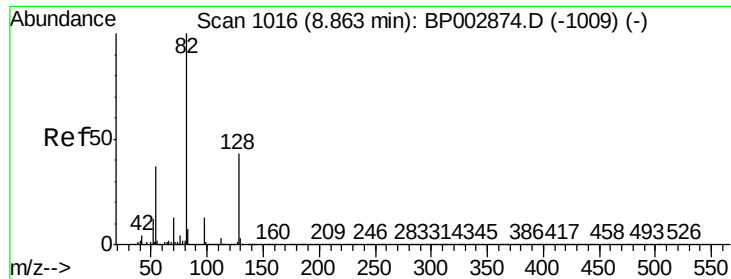
Abundance Ion 136.00 (135.70 to 136.70): E

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

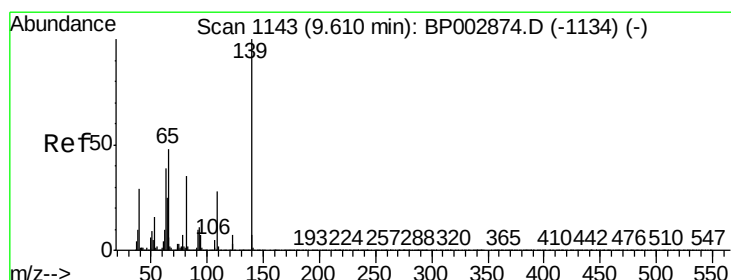
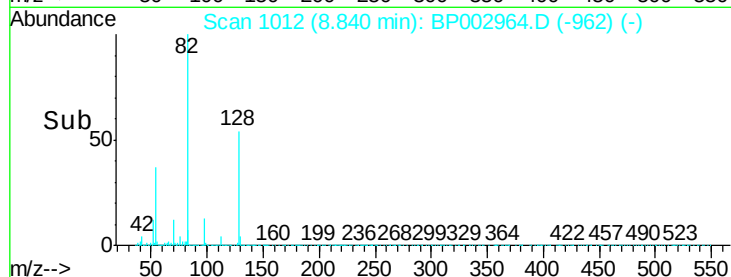
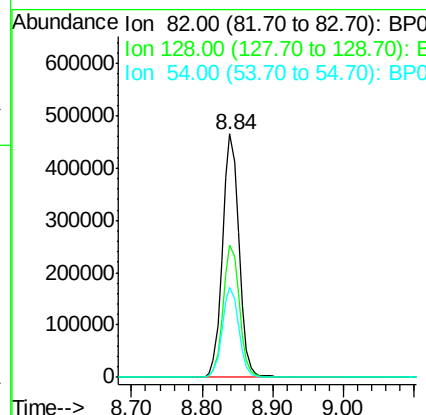
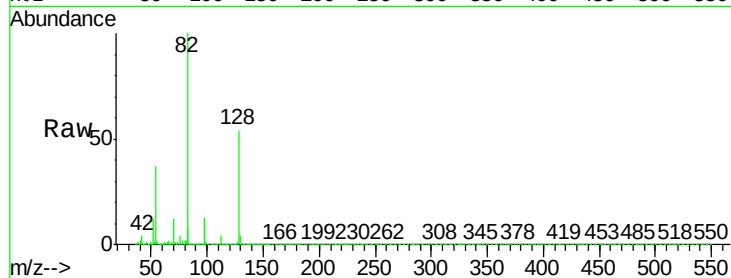




#23
 Nitrobenzene-d5
 Concen: 64.454 ng
 RT: 8.84 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 02:39

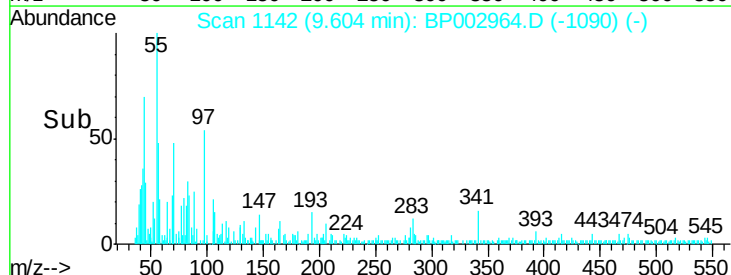
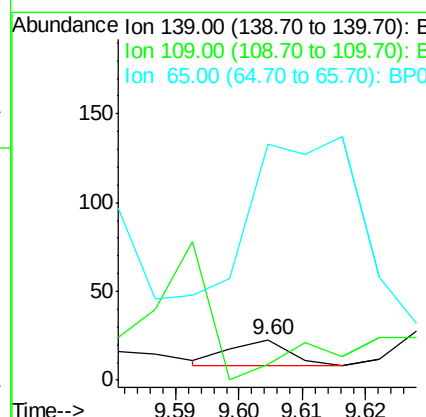
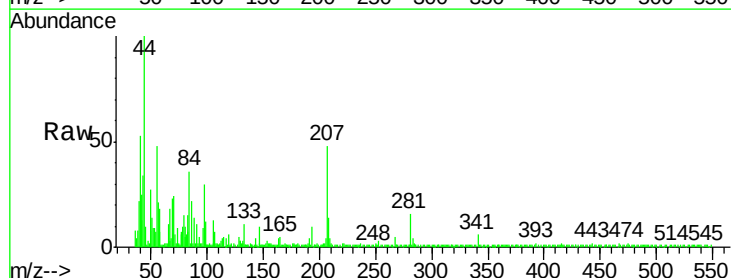
Instrument :
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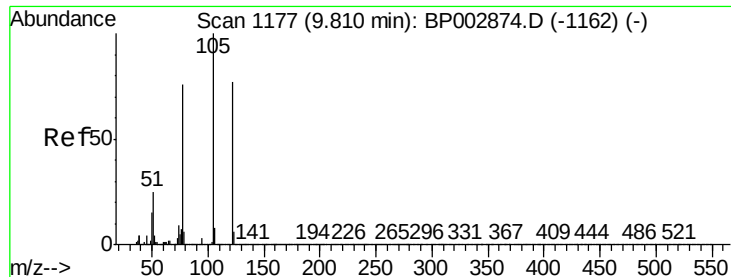
Tot Ion	82	Resp	757675
Ion Ratio	Lower	Upper	
82	100		
128	54.3	44.6	66.8
54	37.2	29.2	43.8



#26
 2-Nitrophenol
 Concen: 4.522 ng
 RT: 9.60 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 02:39

Tgt Ion	139	Resp	10
Ion Ratio	Lower	Upper	
139	100		
109	95.7	19.5	29.3#
65	578.3	26.6	40.0#

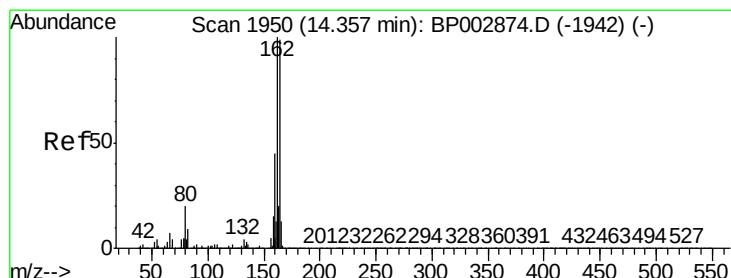
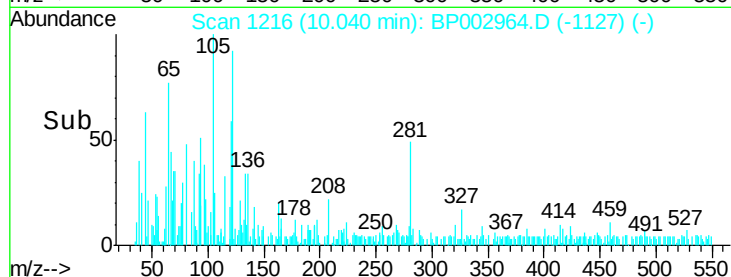
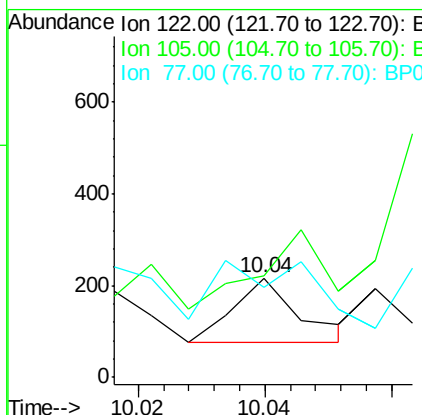
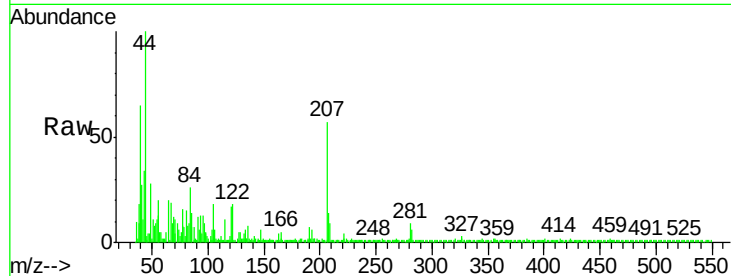




#32
Benzoic acid
Concen: 7.700 ng
RT: 10.04 min Scan# 1216
Delta R.T. 0.22 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

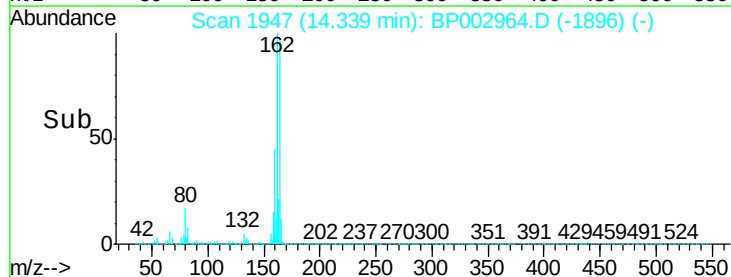
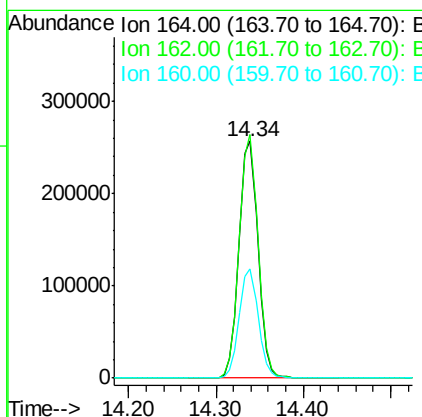
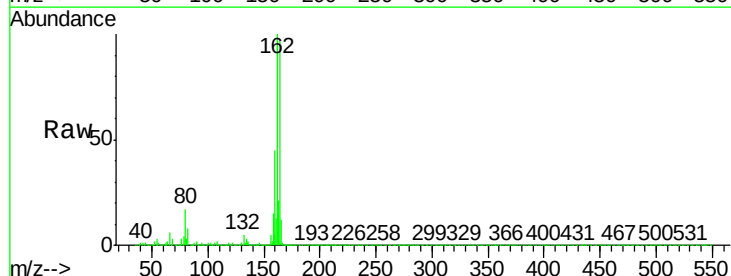
Instrument :
BNA_P
ClientSampleId :
BW-STOCK

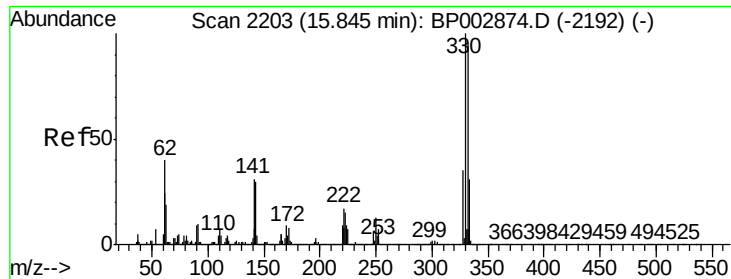
Tot Ion:122 Resp: 99
Ion Ratio Lower Upper
122 100
105 101.4 95.8 135.8
77 89.9 54.7 94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

Tgt Ion:164 Resp: 374881
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 45.9 36.2 54.4

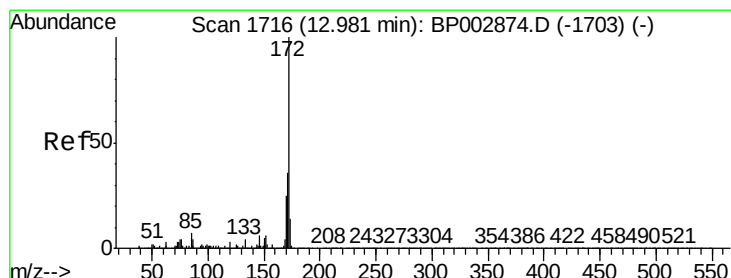
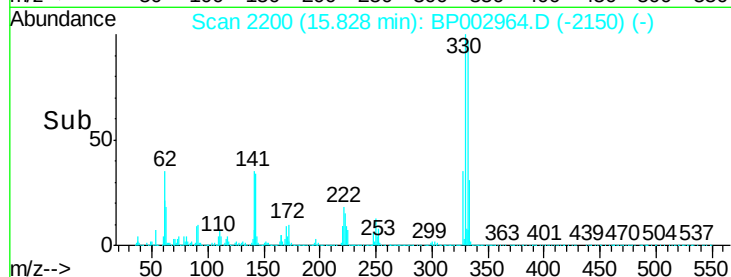
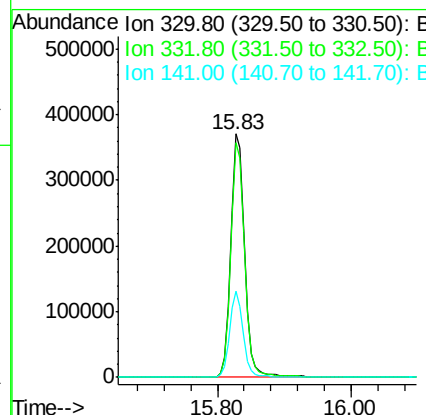
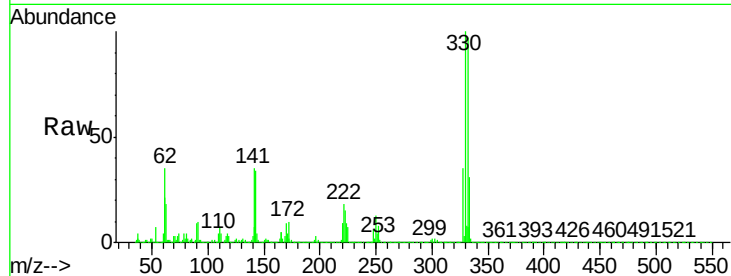




#42
 2,4,6-Tribromophenol
 Concen: 117.781 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 02:39

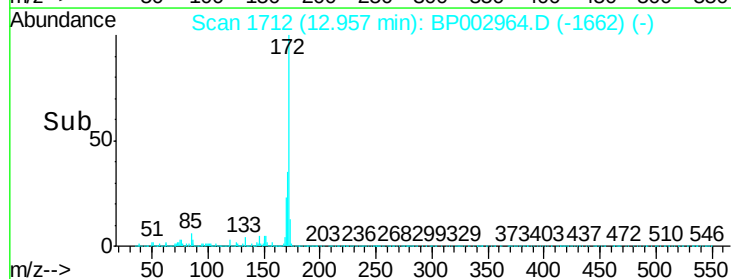
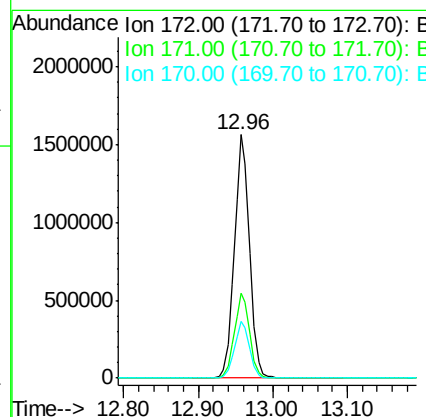
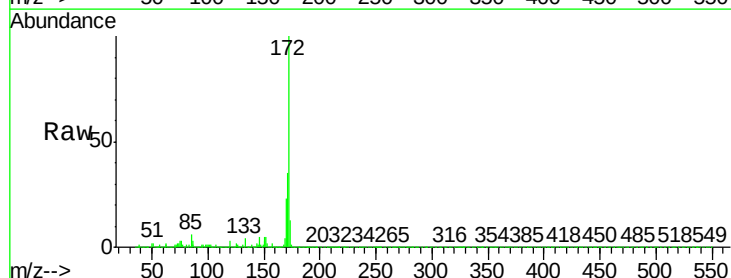
Instrument :
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 ClientSampleId :
 BW-STOCK

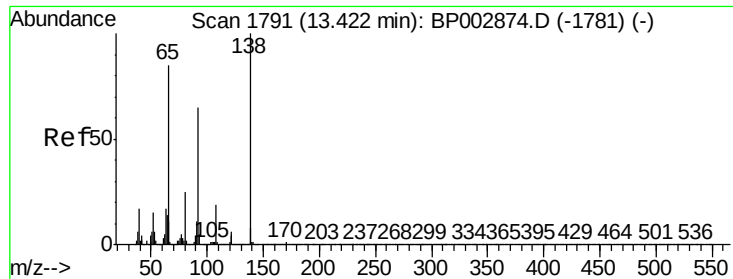
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	34.6	28.6	43.0



#45
 2-Fluorobiphenyl
 Concen: 81.014 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 02:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.3	19.6	29.4

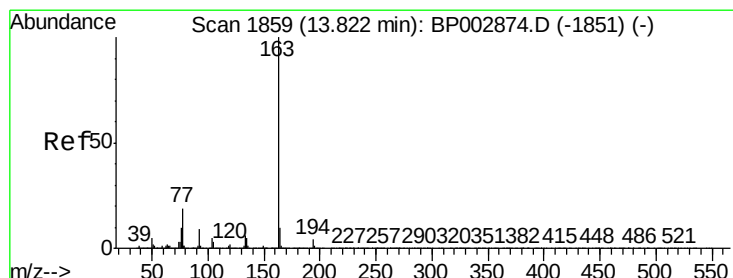
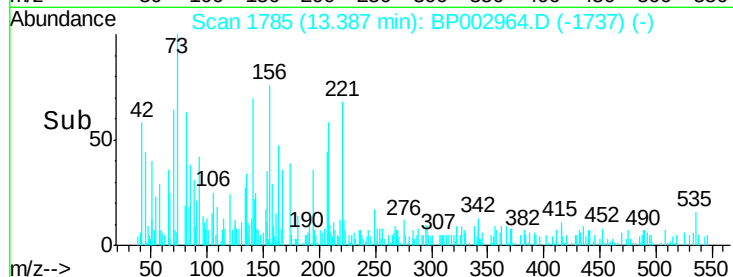
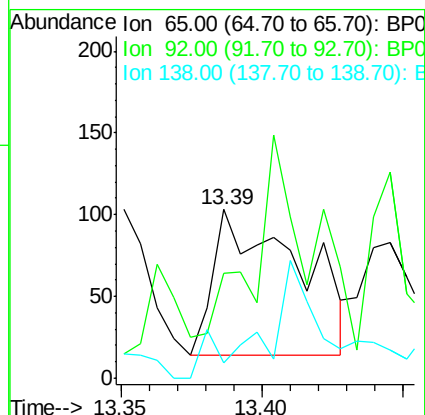
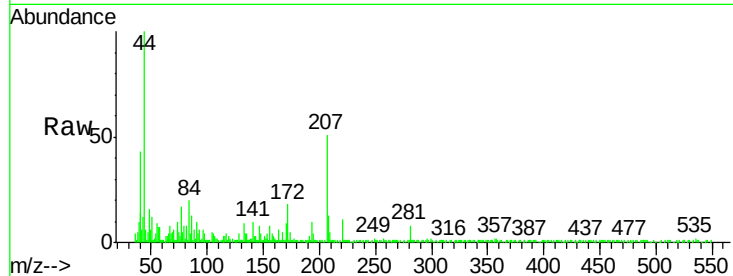




#48
2-Nitroaniline
Concen: 4.000 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

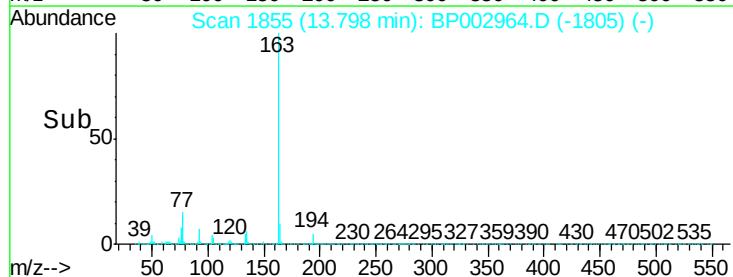
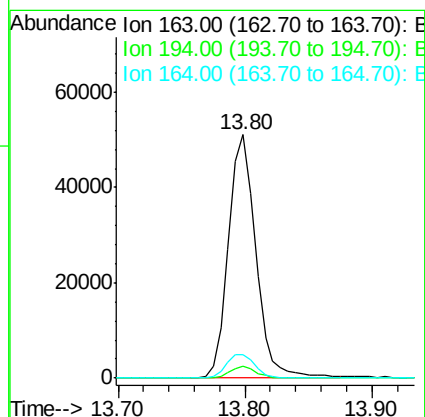
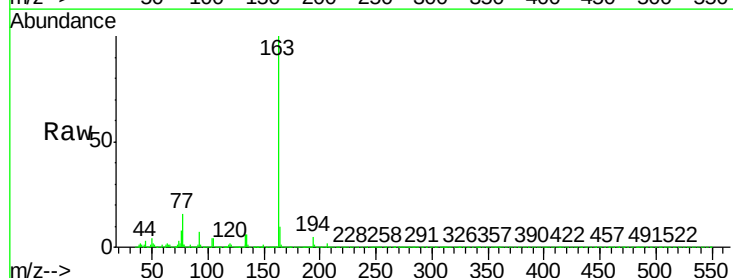
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BNA_P
ClientSampleId :
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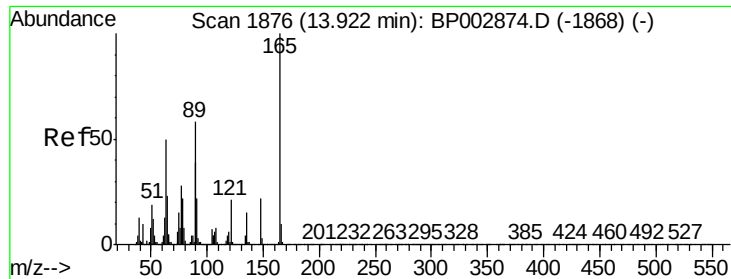
Tot Ion: 65 Resp: 185
Ion Ratio Lower Upper
65 100
92 62.1 69.6 104.4#
138 35.9 125.6 188.4#



#50
Dimethylphthalate
Concen: 2.612 ng
RT: 13.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

Tgt Ion: 163 Resp: 76594
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 9.8 8.2 12.4

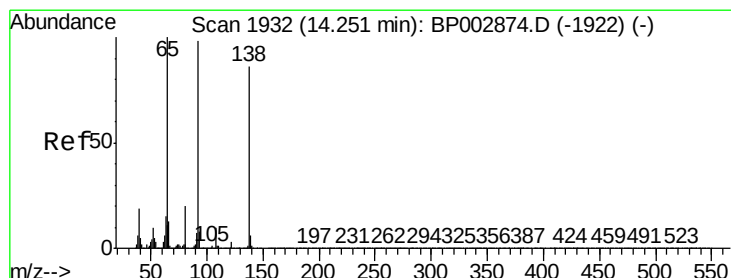
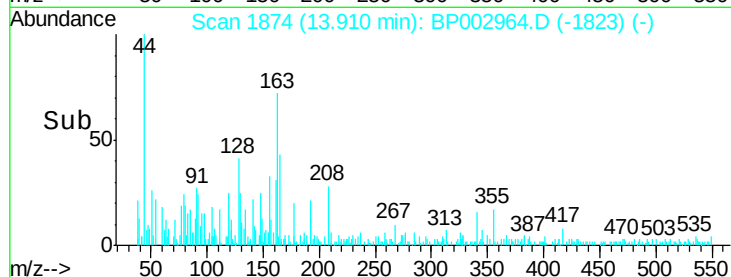
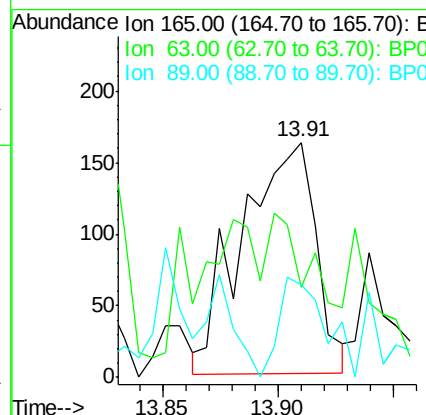
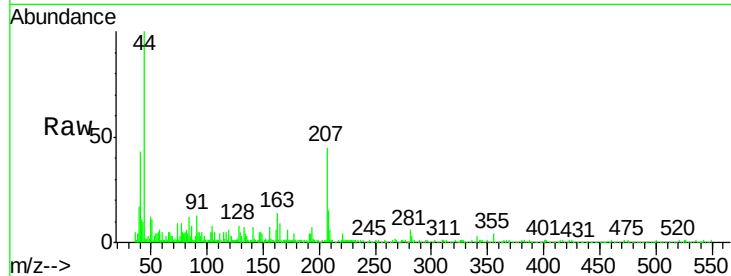




#51
 2,6-Dinitrotoluene
 Concen: 2.950 ng
 RT: 13.91 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 02:39

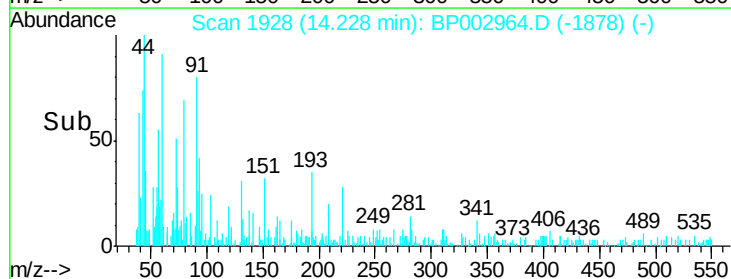
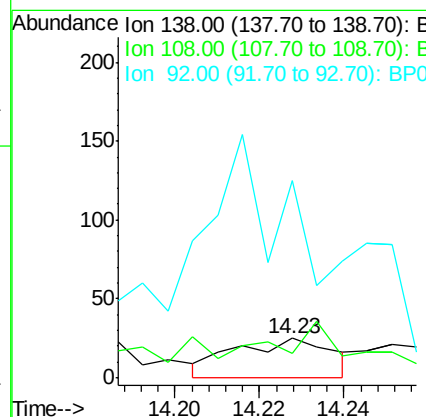
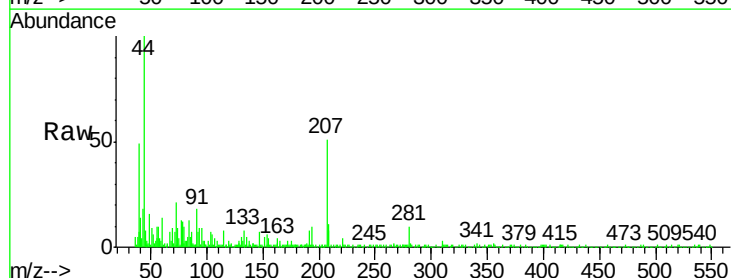
Instrument :
 BNA_P
 ClientSampleId :
 BW-STOCK

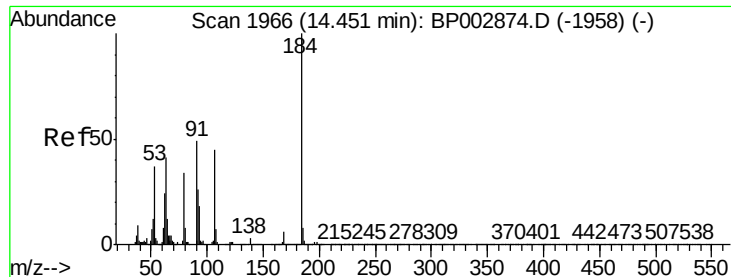
Tot	Ion:165	Resp:	359
Ion	Ratio	Lower	Upper
165	100		
63	38.4	27.5	41.3
89	39.6	35.3	52.9



#53
 3-Nitroaniline
 Concen: 3.279 ng
 RT: 14.23 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 02:39

Tgt	Ion:138	Resp:	40
Ion	Ratio	Lower	Upper
138	100		
108	60.0	7.2	10.8#
92	500.0	75.8	113.6#

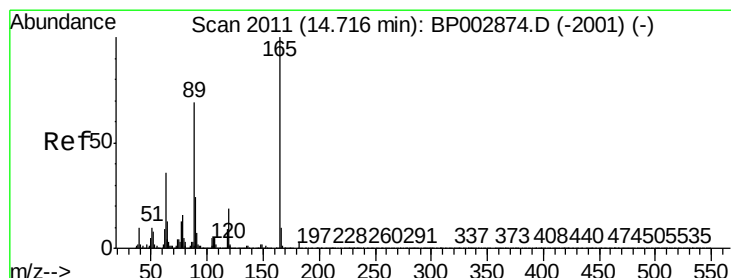
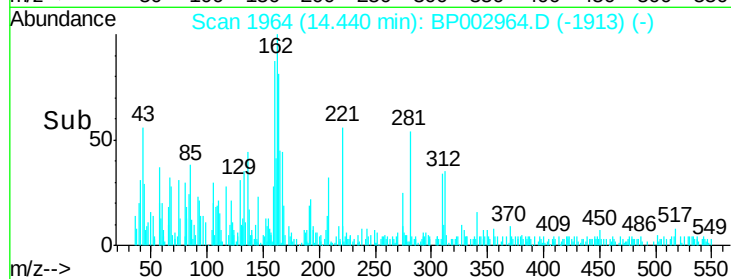
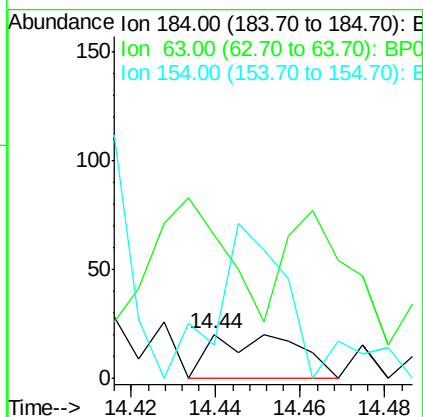
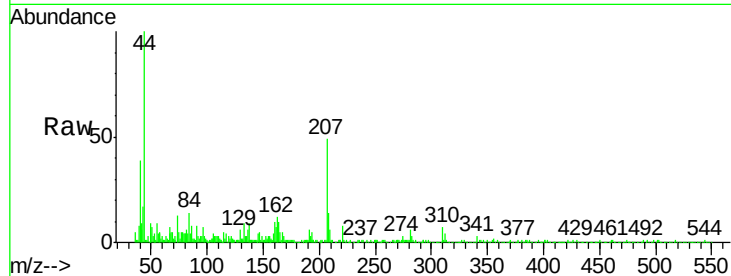




#54
2,4-Dinitrophenol
Concen: 8.067 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

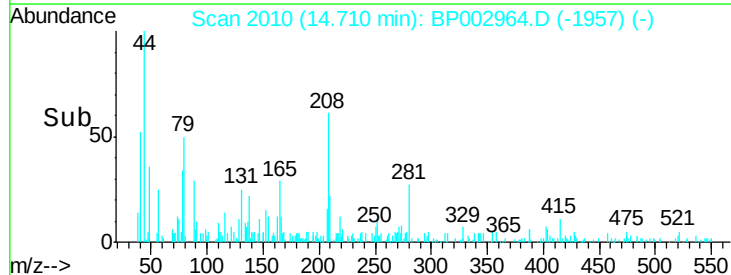
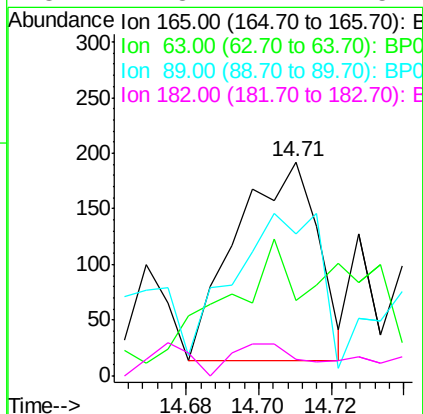
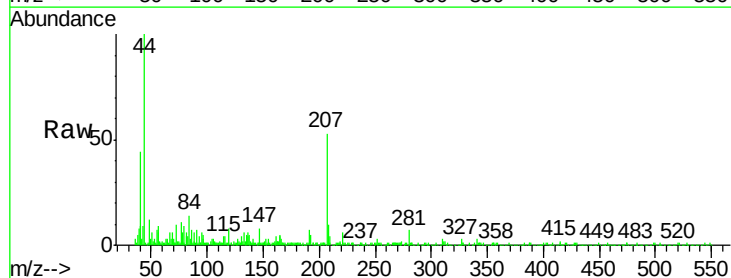
Instrument :
BNA_P
ClientSampled :
BW-STOCK

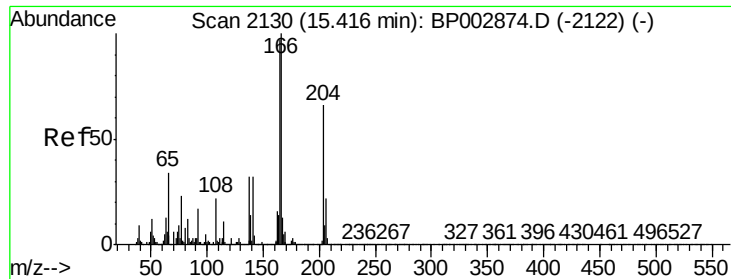
Tot Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 330.0 36.4 54.6#
154 340.0 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.835 ng
RT: 14.71 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

Tgt Ion:165 Resp: 280
Ion Ratio Lower Upper
165 100
63 35.4 22.6 34.0#
89 66.1 46.2 69.2
182 7.8 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.421 ng

RT: 15.43 min Scan# 2133

Delta R.T. 0.03 min

Lab File: BP002964.D

Acq: 13 Aug 2020 02:39

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

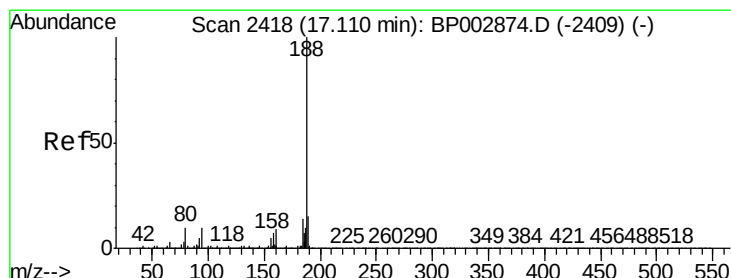
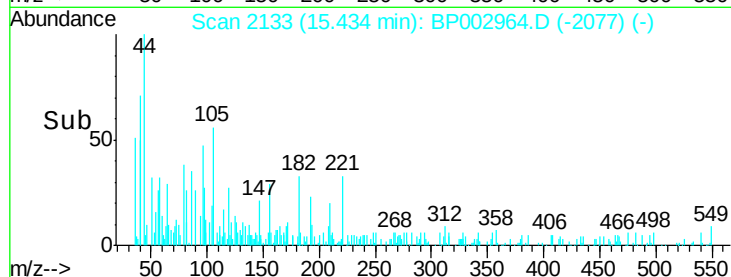
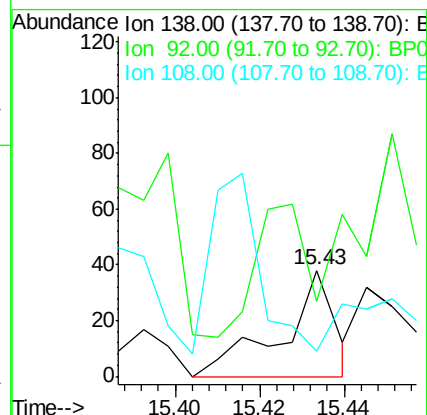
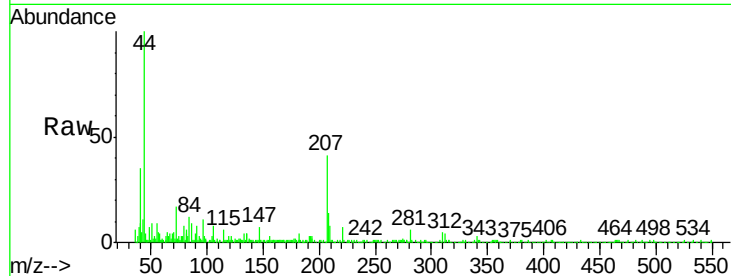
Tot Ion:138 Resp: 33

Ion Ratio Lower Upper

138 100

92 71.1 21.2 61.2#

108 23.7 40.5 80.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 02:39

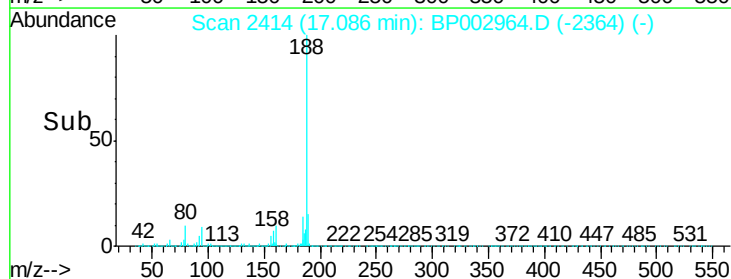
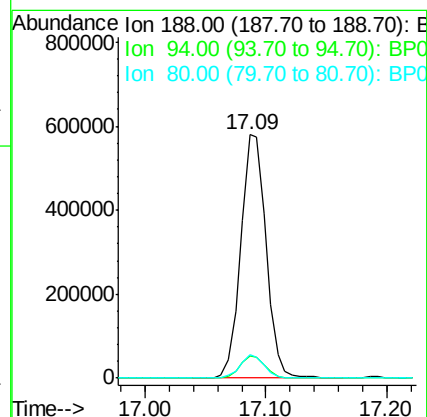
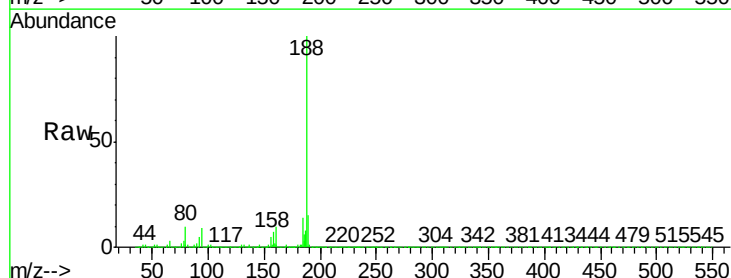
Tgt Ion:188 Resp: 847698

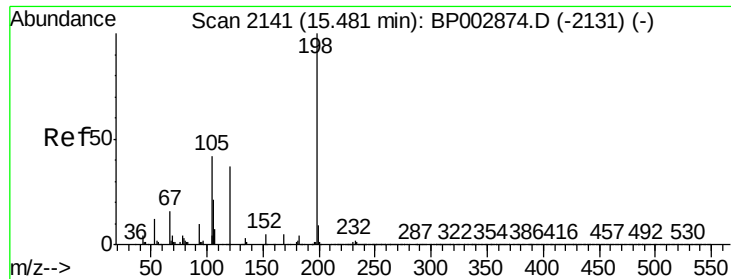
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.5 7.0 10.6

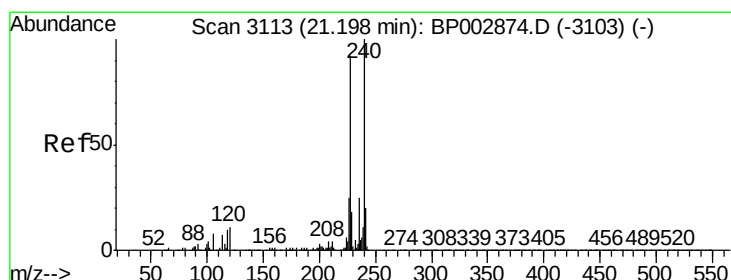
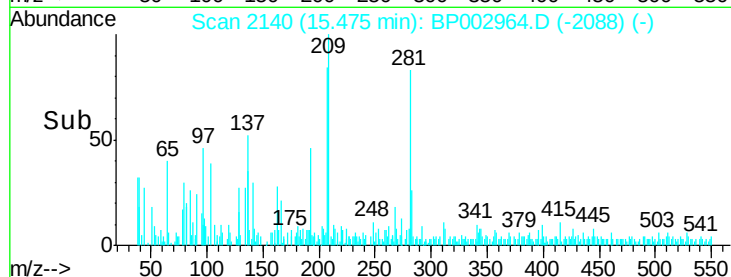
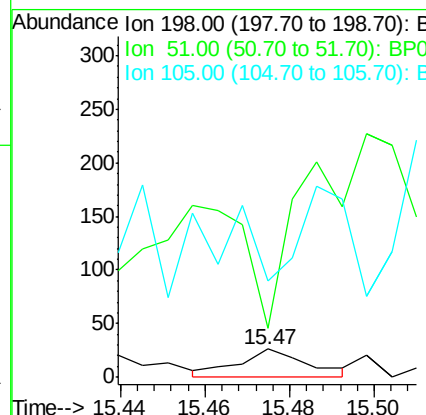
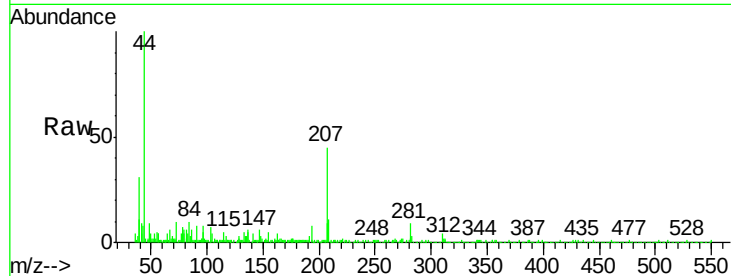




#65
4,6-Dinitro-2-methylphenol
Concen: 6.906 ng
RT: 15.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

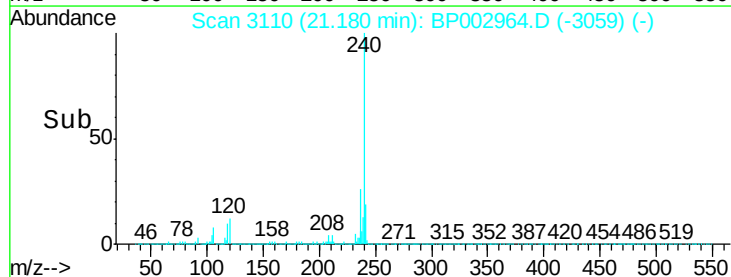
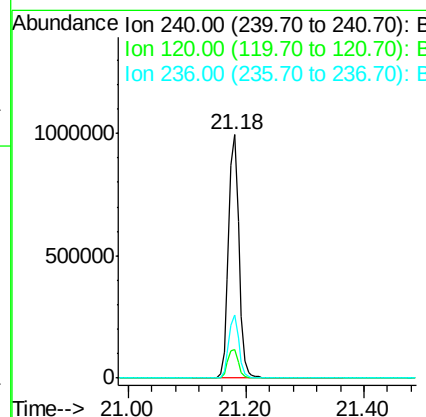
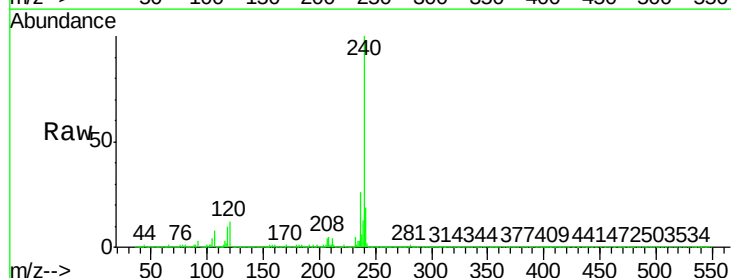
Instrument :
BNA_P
ClientSampleId :
BW-STOCK

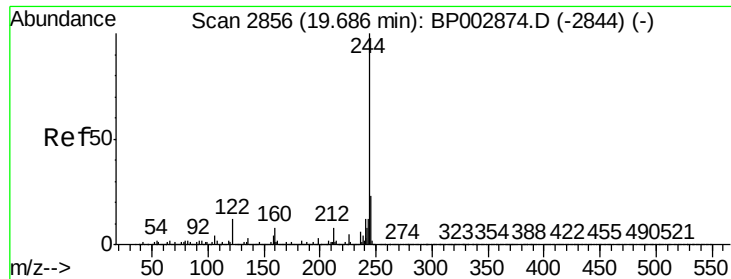
Tot Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 176.9 6.5 46.5#
105 365.4 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP002964.D
Acq: 13 Aug 2020 02:39

Tgt Ion:240 Resp: 1212623
Ion Ratio Lower Upper
240 100
120 11.5 10.6 16.0
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 64.295 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 02:39

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

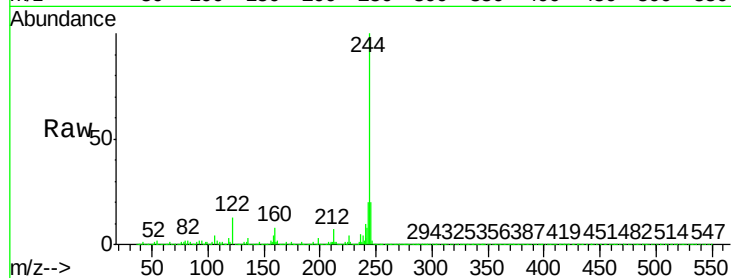
Tot Ion:244 Resp: 3894483

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

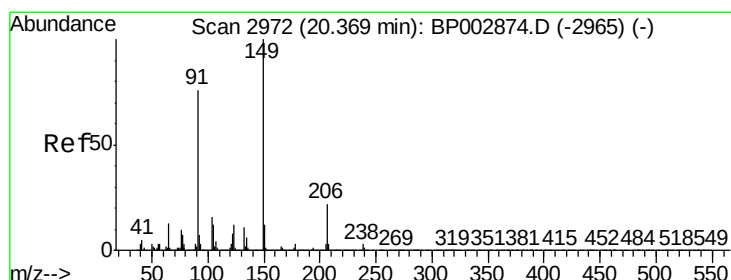
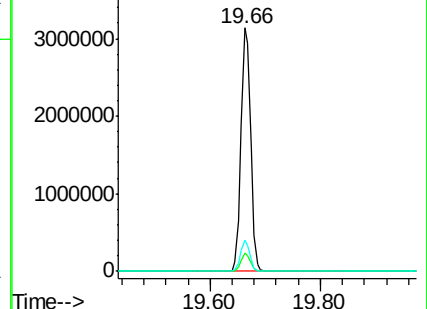
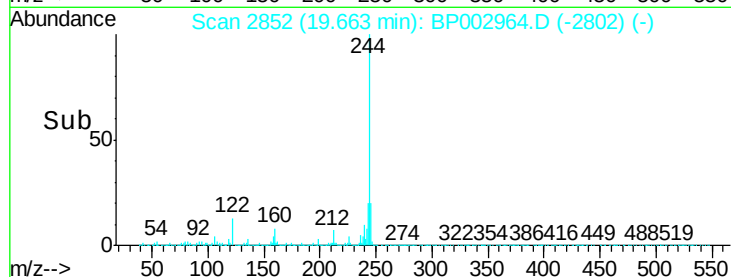
122 12.7 9.9 14.9



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: 3.062 ng

RT: 20.55 min Scan# 3002

Delta R.T. 0.19 min

Lab File: BP002964.D

Acq: 13 Aug 2020 02:39

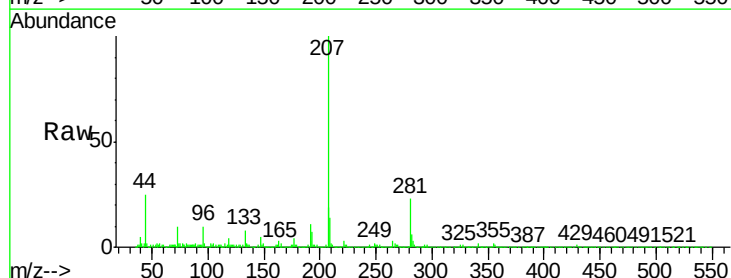
Tgt Ion:149 Resp: 158

Ion Ratio Lower Upper

149 100

91 47.6 46.5 69.7

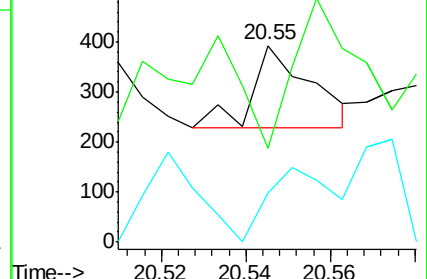
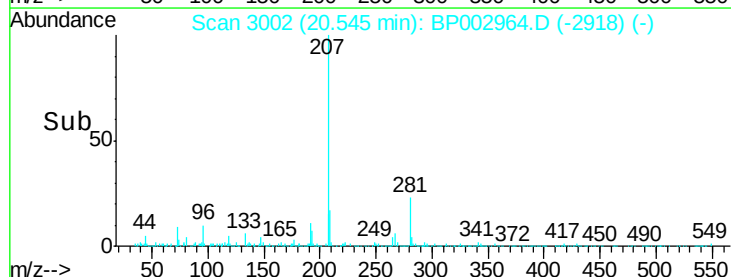
206 24.7 17.2 25.8

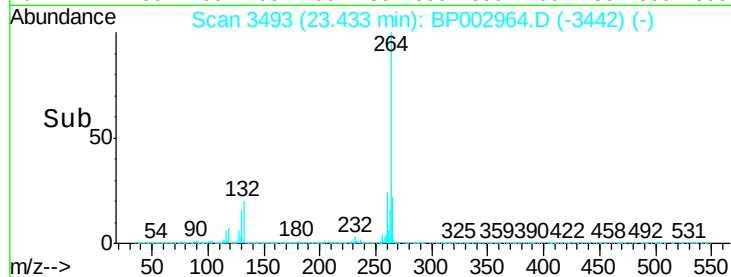
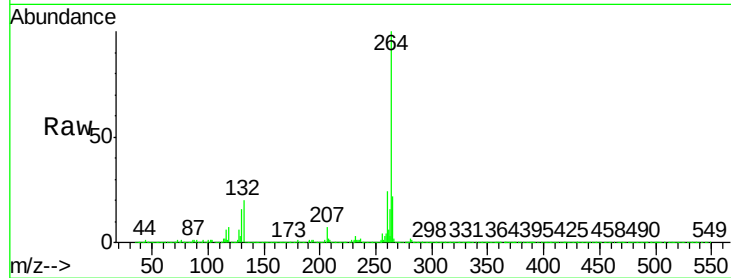
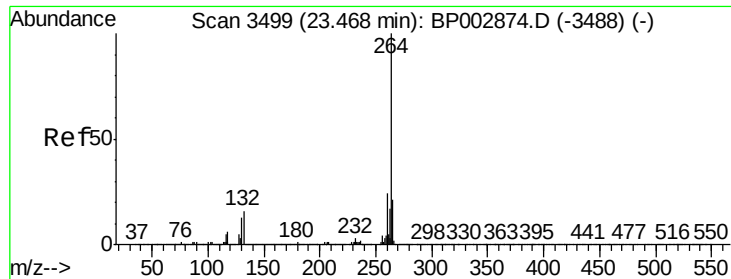


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.43 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BP002964.D

Acq: 13 Aug 2020 02:39

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

Tot Ion:264 Resp: 1694637

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.7 17.6 26.4

