

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
 Data File : BP002964.D
 Acq On : 13 Aug 2020 14:05
 Operator : CG/JU
 Sample : L3653-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BW-STOCK

Quant Time: Aug 13 16:04:47 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	371579	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1542754	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	966310	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	2109234	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	2268888	20.00	ng	-0.01
86) Perylene-d12	23.42	264	2453478	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1683813	69.35	ng	0.00
7) Phenol-d6	6.86	99	2103505	62.40	ng	-0.02
23) Nitrobenzene-d5	8.83	82	1180837	41.46	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	985415	82.05	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	3580582	50.63	ng	-0.01
79) Terphenyl-d14	19.66	244	5139683	45.35	ng	-0.01

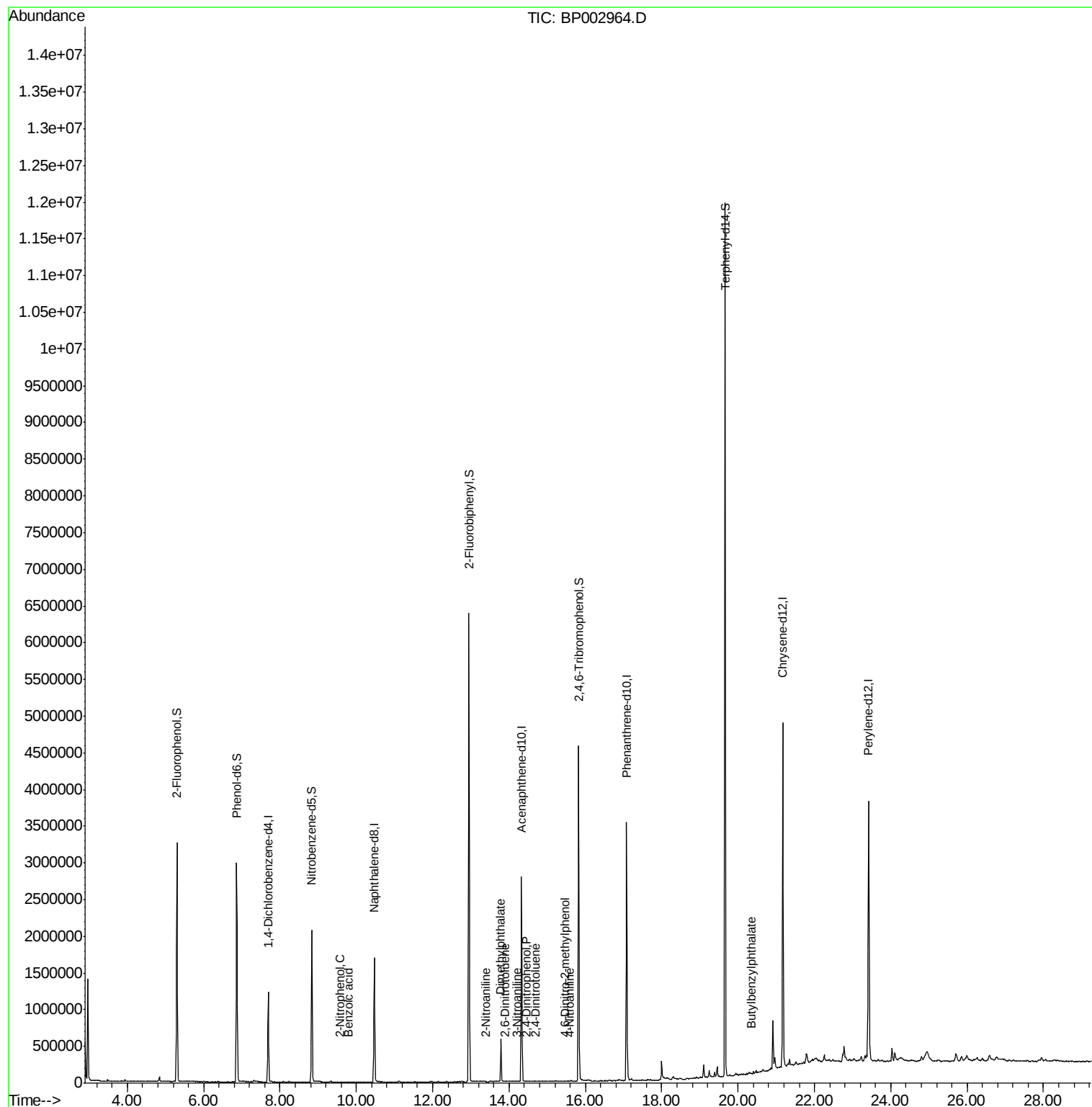
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.57	139	23	4.522	ng	# 1
32) Benzoic acid	9.80	122	139	7.694	ng	# 74
48) 2-Nitroaniline	13.39	65	66	3.976	ng	# 18
50) Dimethylphthalate	13.79	163	429255	5.680	ng	99
51) 2,6-Dinitrotoluene	13.89	165	227	2.912	ng	# 22
53) 3-Nitroaniline	14.20	138	80	3.278	ng	# 26
54) 2,4-Dinitrophenol	14.45	184	19	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	85	3.809	ng	# 70
62) 4-Nitroaniline	15.59	138	84	2.421	ng	90
65) 4,6-Dinitro-2-methylphenol	15.46	198	46	6.904	ng	# 1
80) Butylbenzylphthalate	20.34	149	908	3.071	ng	# 81

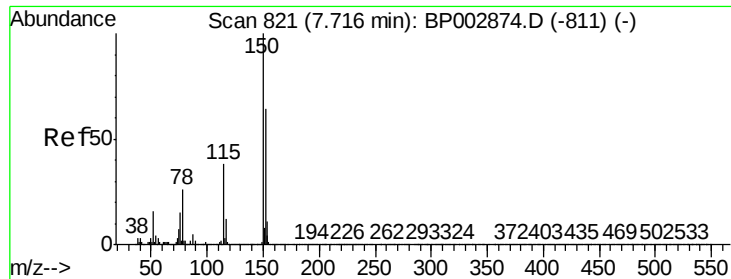
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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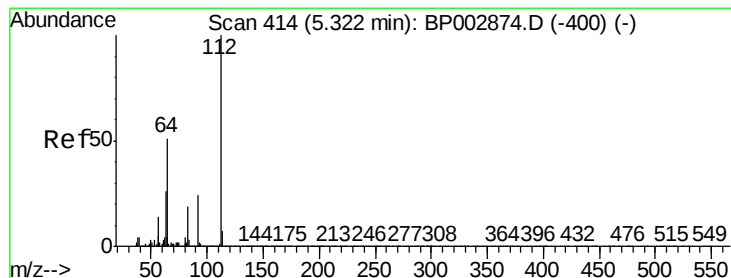
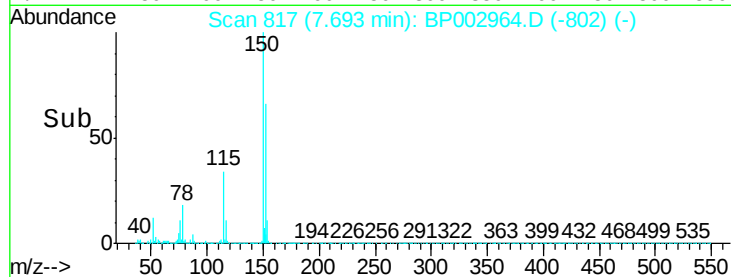
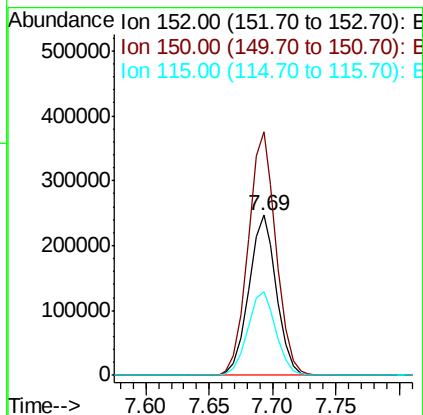
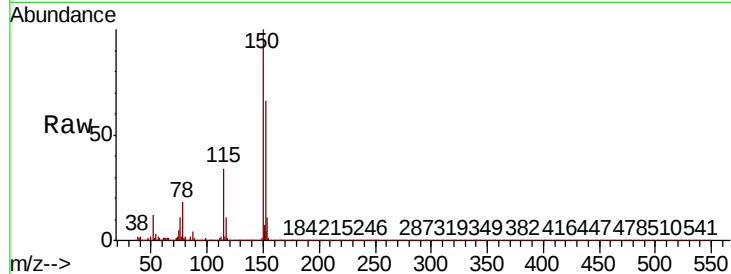


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

Instrument :
BNA_P
ClientSampleId :
BW-STOCK

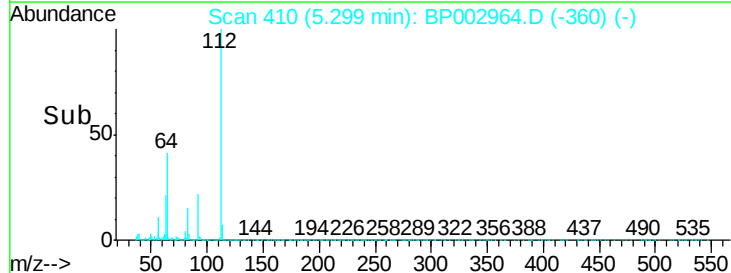
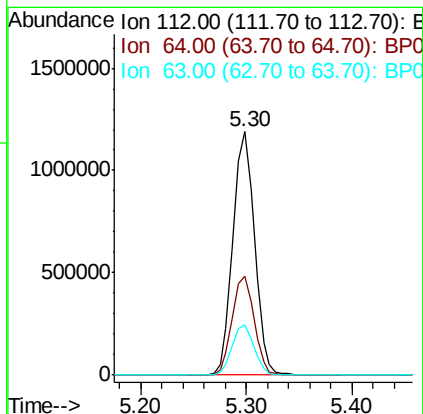
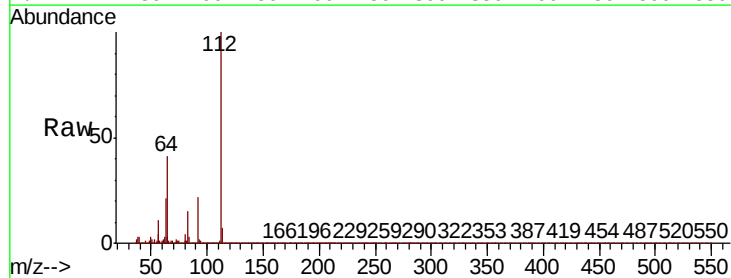
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.2	186.4
115	51.9	42.1	63.1

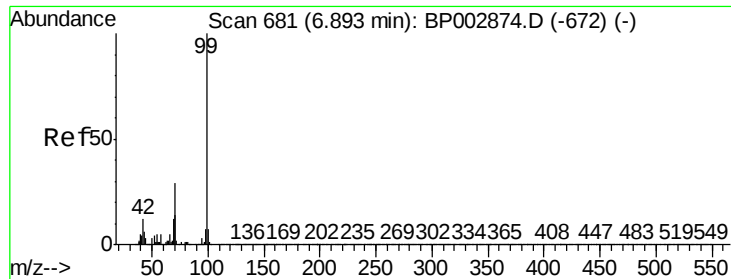


#5

2-Fluorophenol
Concen: 69.355 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.8	33.8	50.8
63	20.7	17.2	25.8





#7

Phenol-d6

Concen: 62.405 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

Instrument :

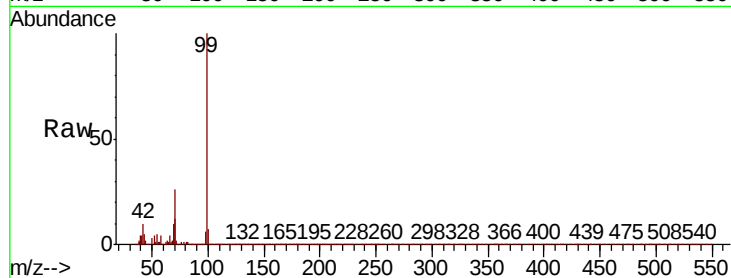
BNA_P

ClientSampleId :

BW-STOCK

Tot Ion: 99 Resp: 2103505

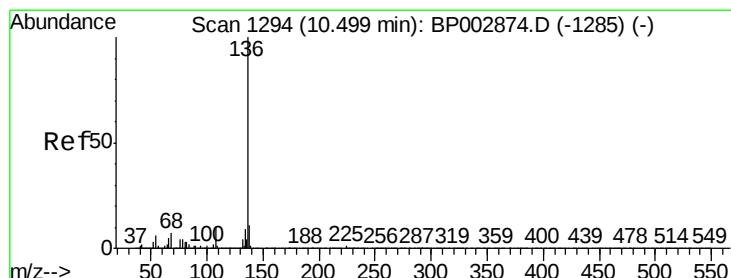
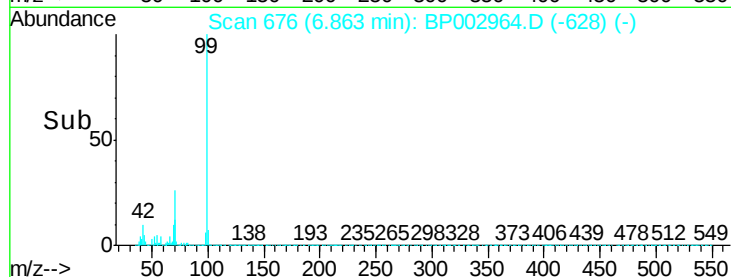
Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.1	12.1
71	26.3	21.0	31.4



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# 1289

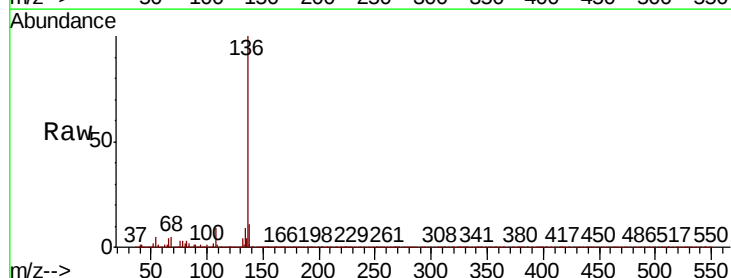
Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

Tgt Ion: 136 Resp: 1542754

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	4.7	3.9	5.9
68	4.8	3.8	5.8

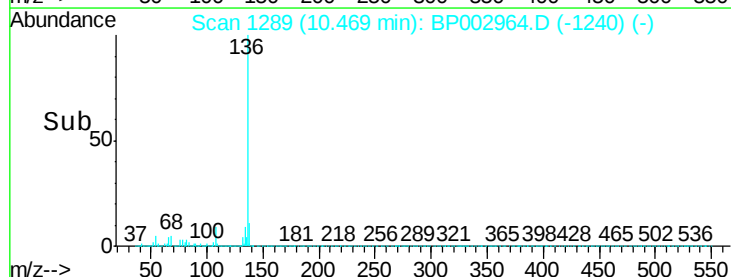


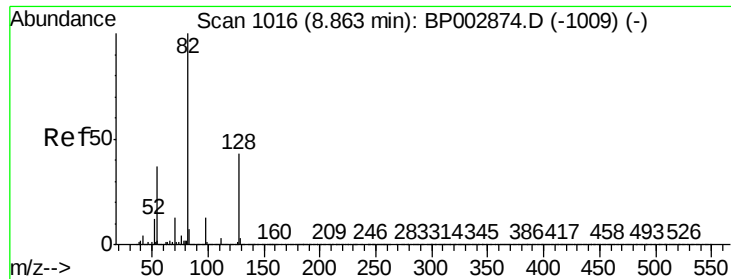
Abundance Ion 136.00 (135.70 to 136.70): E

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

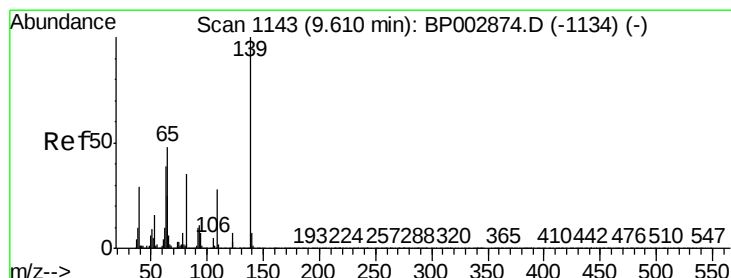
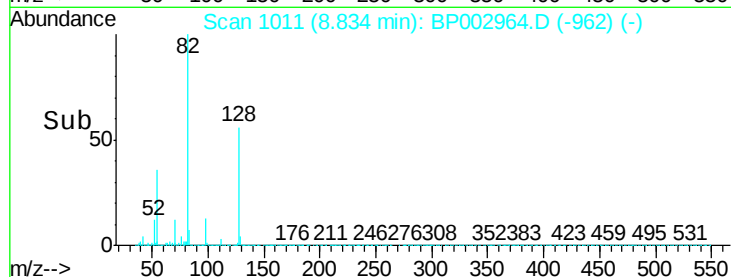
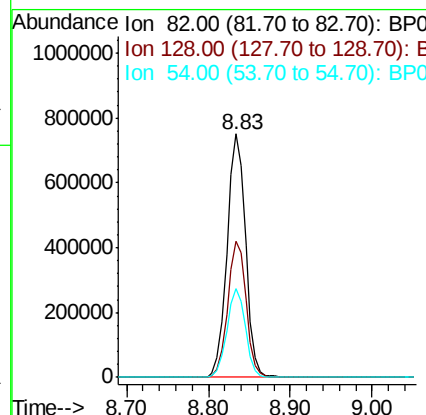
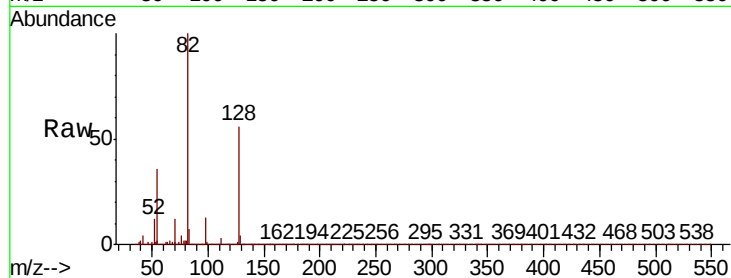




#23
 Nitrobenzene-d5
 Concen: 41.456 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 14:05

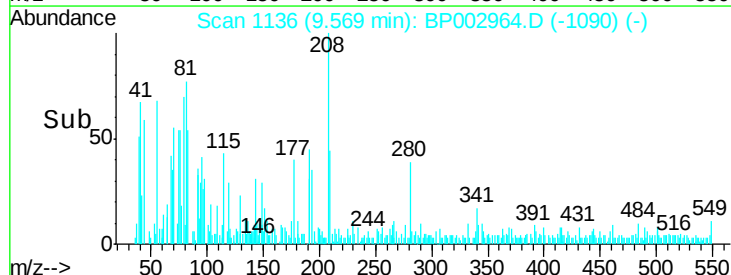
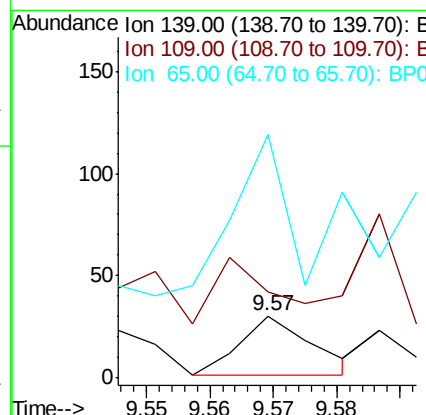
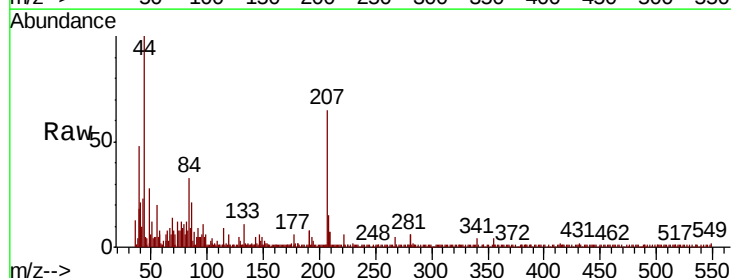
Instrument :
 BNA_P
 ClientSampled :
 BW-STOCK

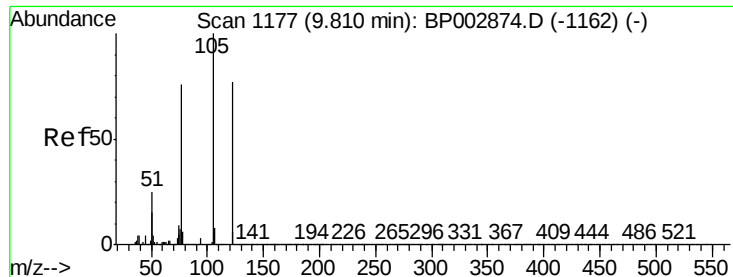
Tot Ion: 82 Resp: 1180837
 Ion Ratio Lower Upper
 82 100
 128 55.7 44.6 66.8
 54 36.4 29.2 43.8



#26
 2-Nitrophenol
 Concen: 4.522 ng
 RT: 9.57 min Scan# 1136
 Delta R.T. -0.03 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 14:05

Tgt Ion: 139 Resp: 23
 Ion Ratio Lower Upper
 139 100
 109 140.0 19.5 29.3#
 65 396.7 26.6 40.0#

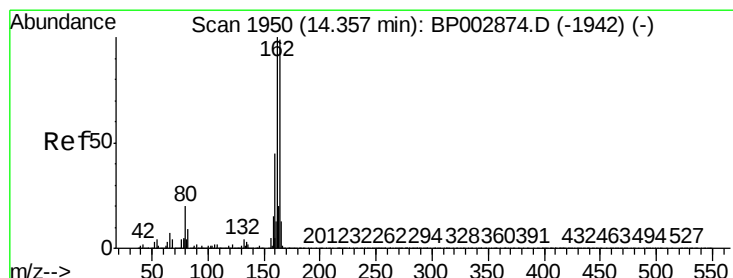
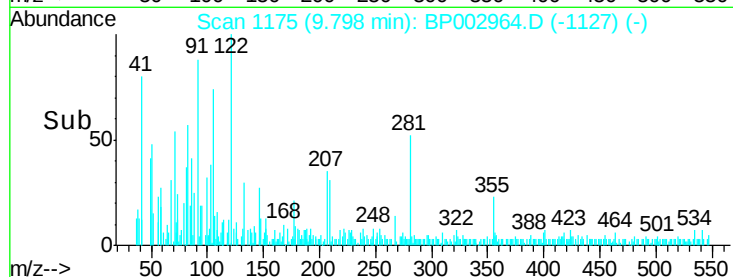
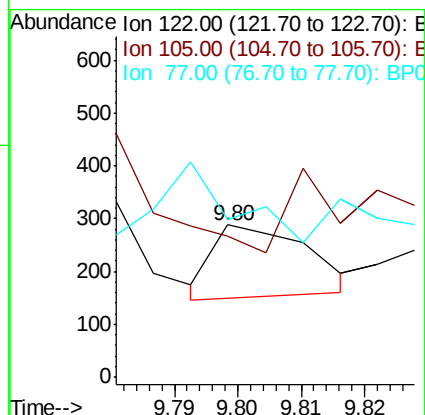
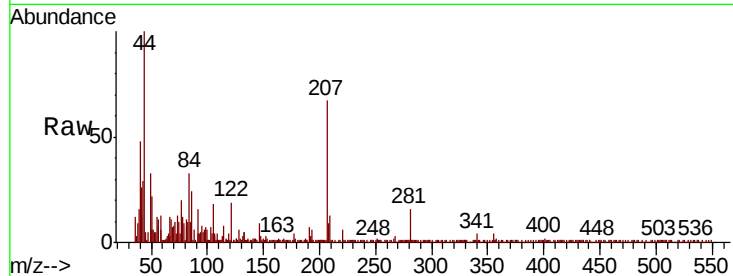




#32
Benzoic acid
Concen: 7.694 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

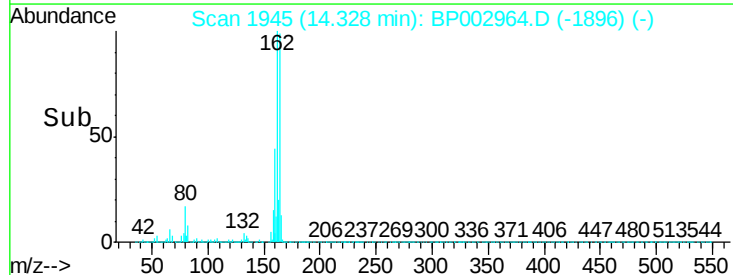
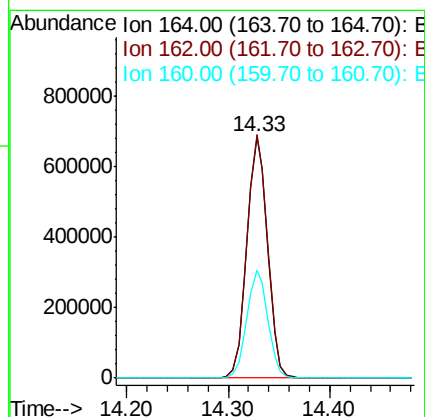
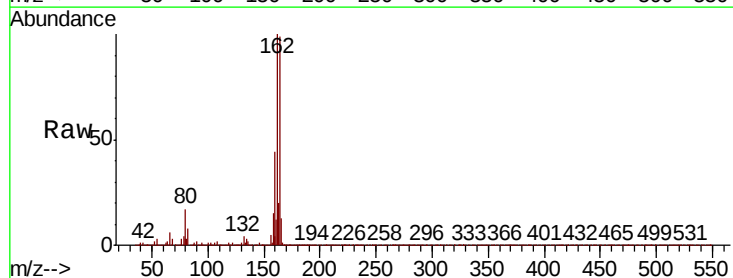
Instrument :
BNA_P
ClientSampled :
BW-STOCK

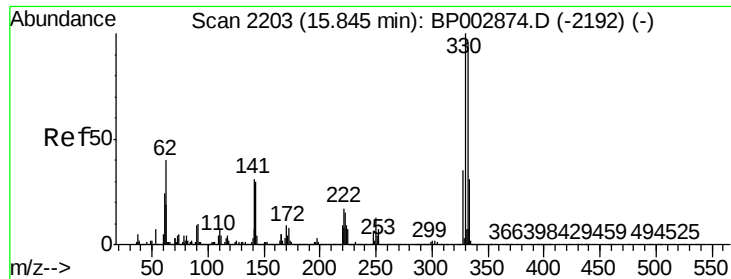
Tot Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 92.7 95.8 135.8#
77 103.8 54.7 94.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

Tgt Ion:164 Resp: 966310
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.6 36.2 54.4

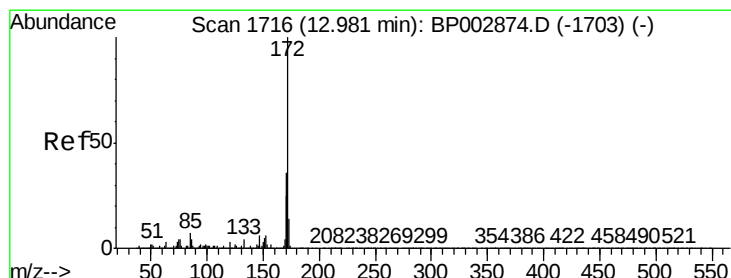
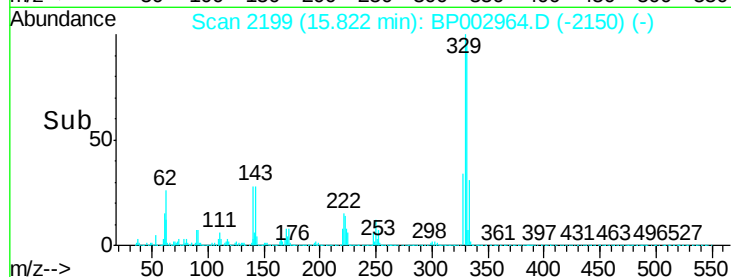
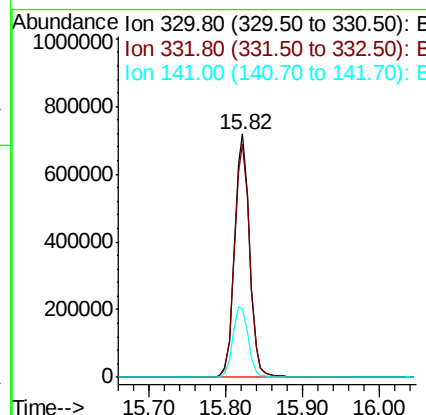
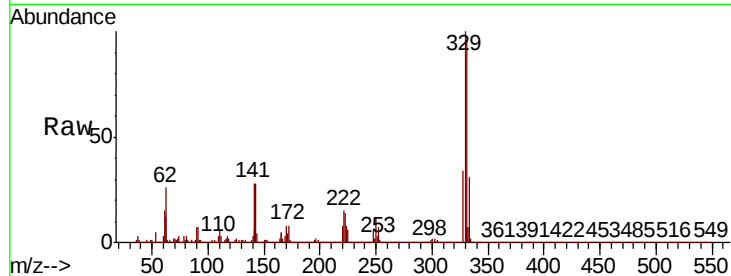




#42
 2,4,6-Tribromophenol
 Concen: 82.049 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 14:05

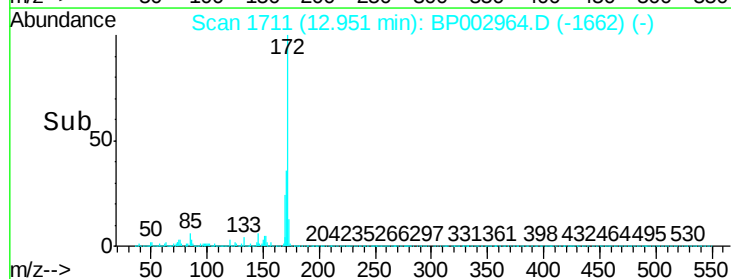
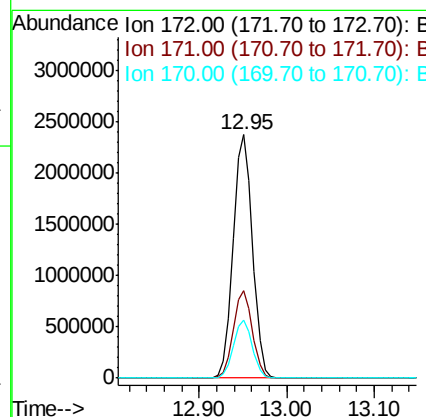
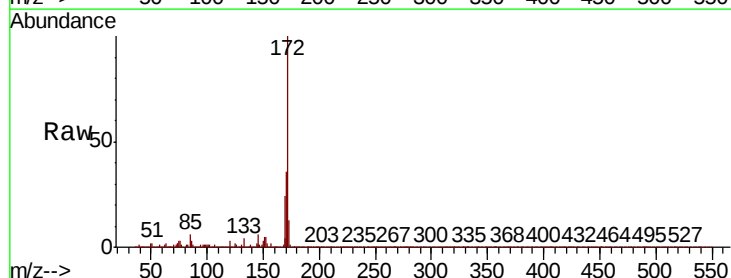
Instrument :
 BNA_P
 ClientSampleId :
 BW-STOCK

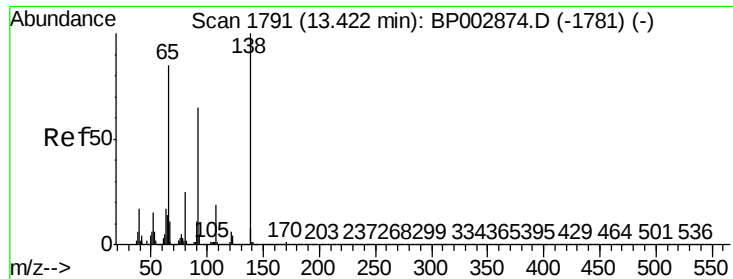
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	29.9	28.6	43.0



#45
 2-Fluorobiphenyl
 Concen: 50.627 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002964.D
 Acq: 13 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.6	29.4

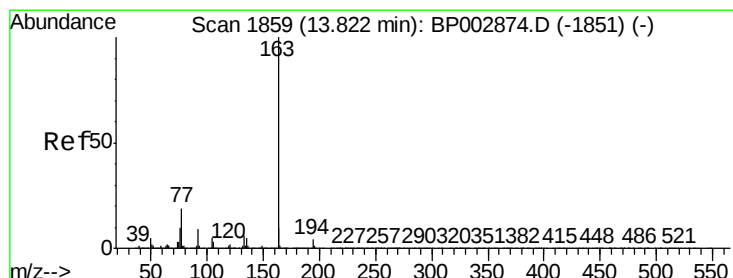
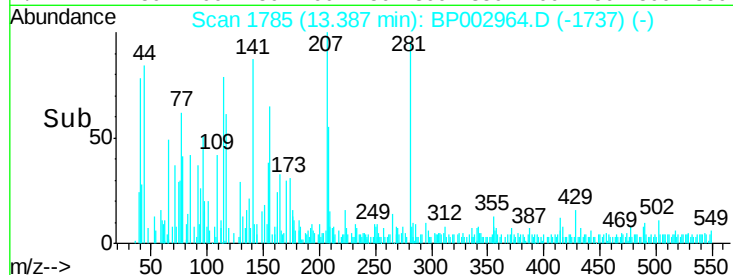
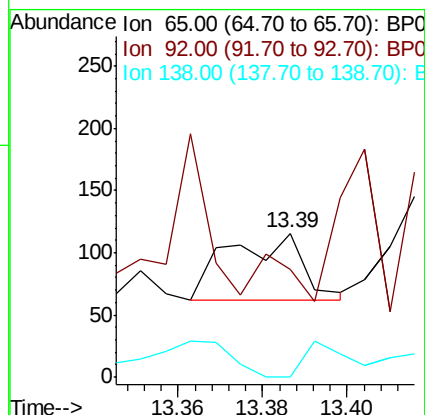
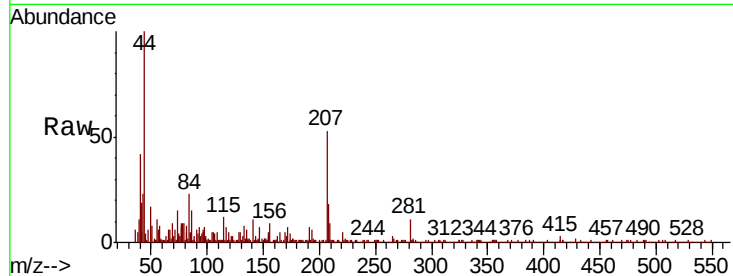




#48
2-Nitroaniline
Concen: 3.976 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

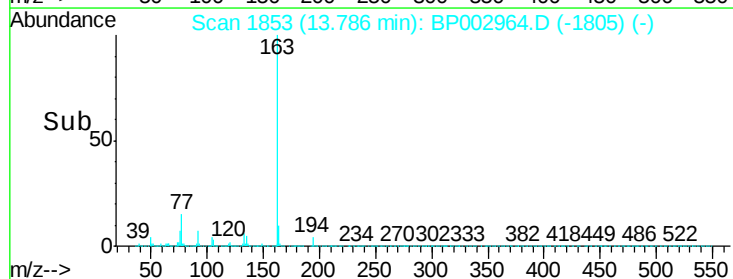
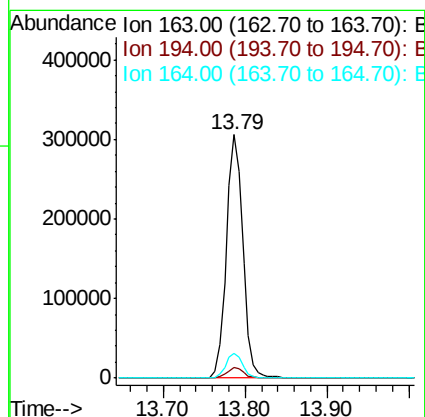
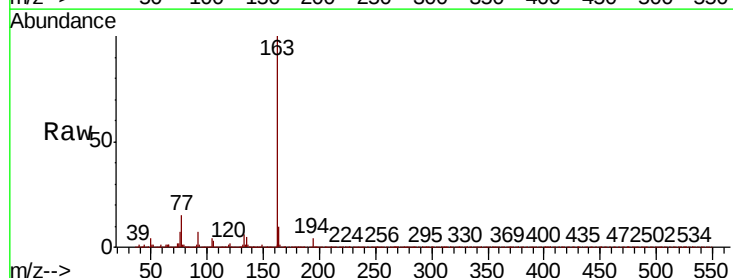
Instrument :
BNA_P
ClientSampleId :
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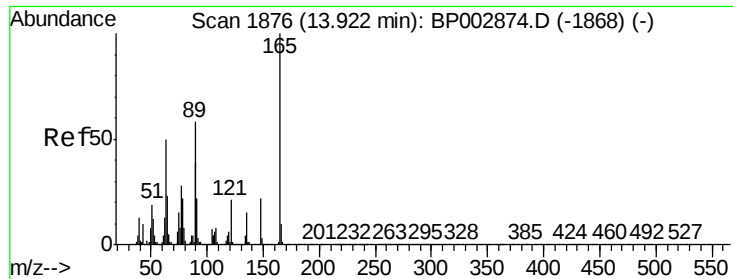
Tot Ion: 65 Resp: 66
Ion Ratio Lower Upper
65 100
92 75.0 69.6 104.4
138 0.0 125.6 188.4#



#50
Dimethylphthalate
Concen: 5.680 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

Tgt Ion: 163 Resp: 429255
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 2.912 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

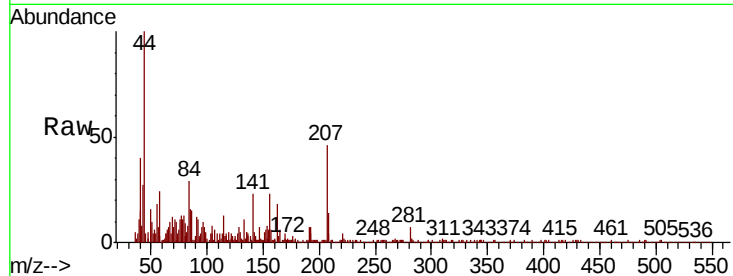
Tot Ion:165 Resp: 227

Ion Ratio Lower Upper

165 100

63 123.9 27.5 41.3#

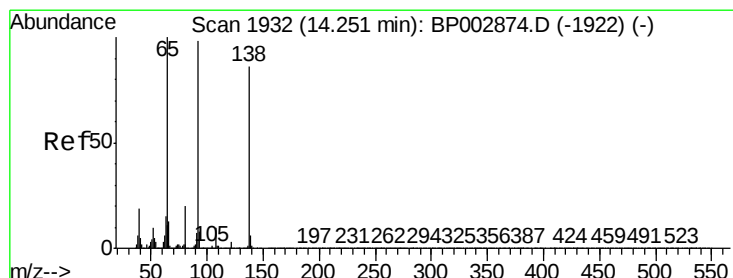
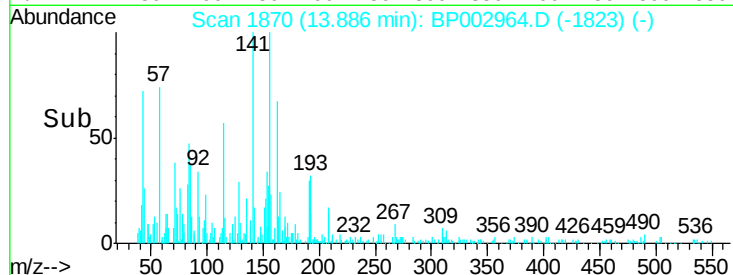
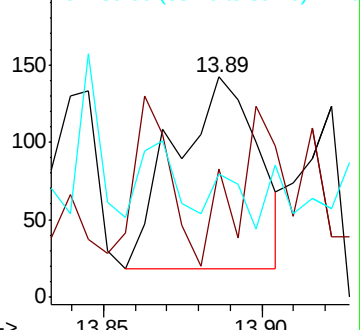
89 55.6 35.3 52.9#



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: 3.278 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

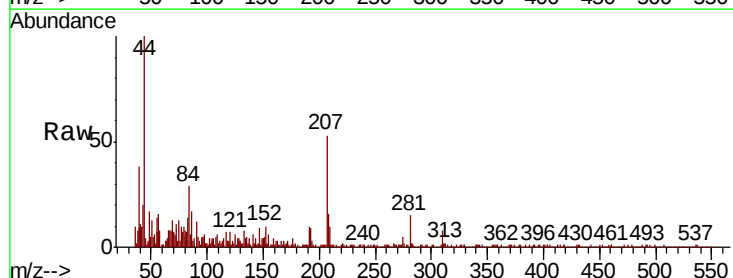
Tgt Ion:138 Resp: 80

Ion Ratio Lower Upper

138 100

108 151.4 7.2 10.8#

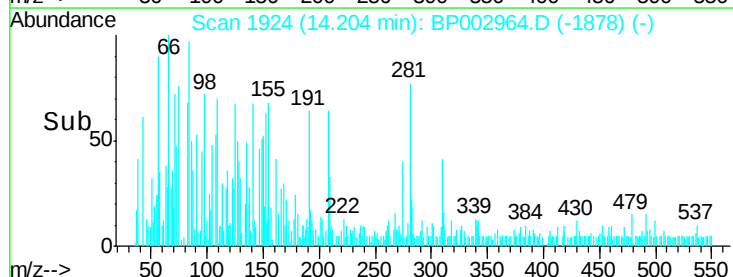
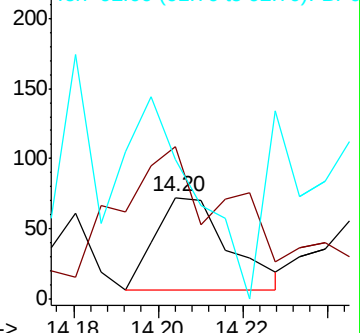
92 137.5 75.8 113.6#

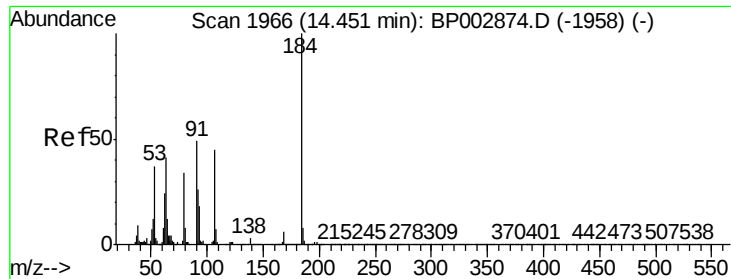


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

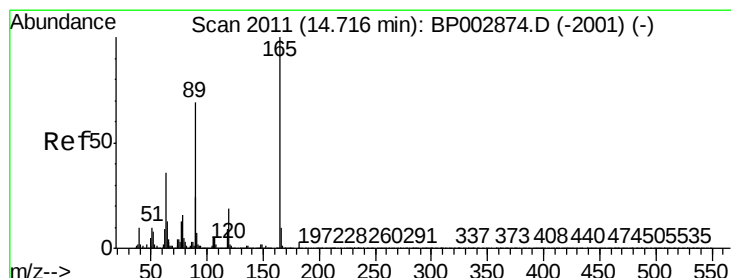
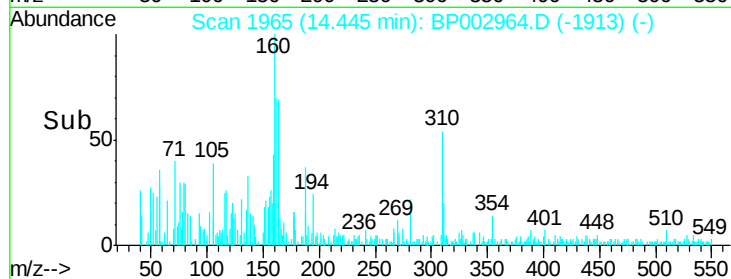
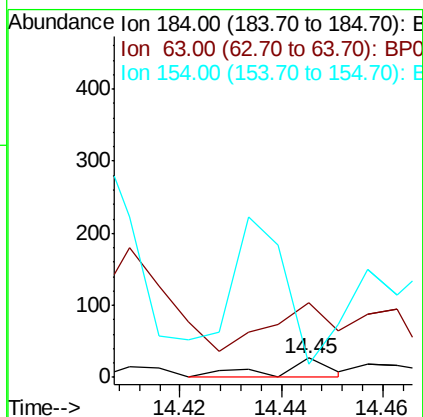
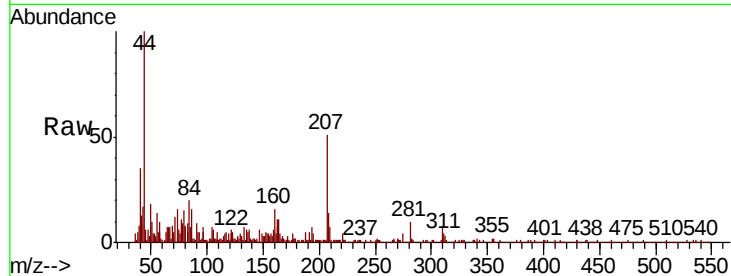




#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

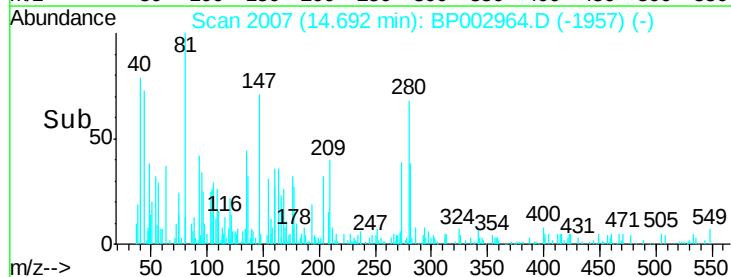
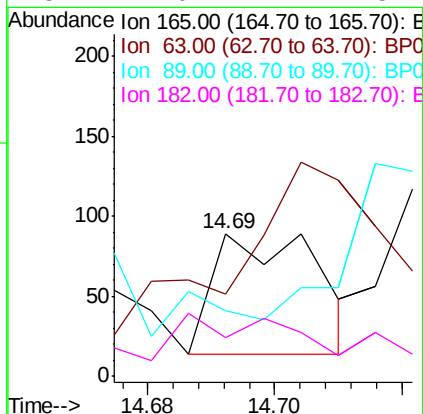
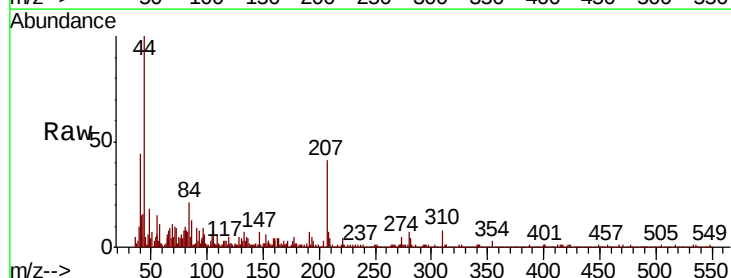
Instrument :
BNA_P
ClientSampleId :
BW-STOCK

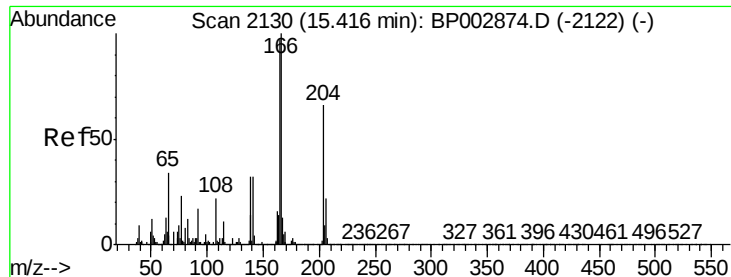
Tot Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 385.2 36.4 54.6#
154 70.4 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.809 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

Tgt Ion:165 Resp: 85
Ion Ratio Lower Upper
165 100
63 57.3 22.6 34.0#
89 46.1 46.2 69.2#
182 27.0 2.2 3.4#

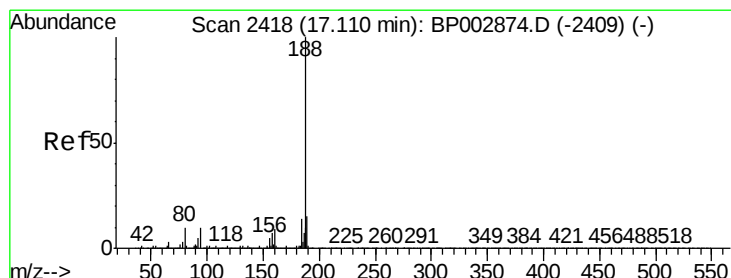
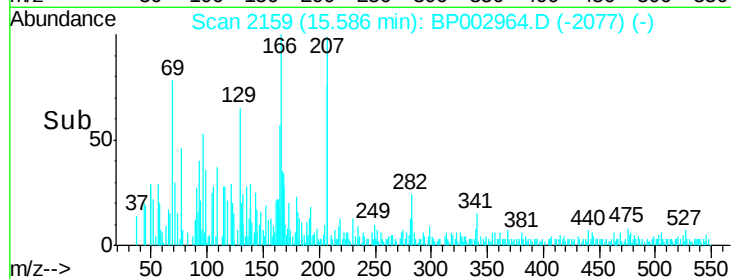
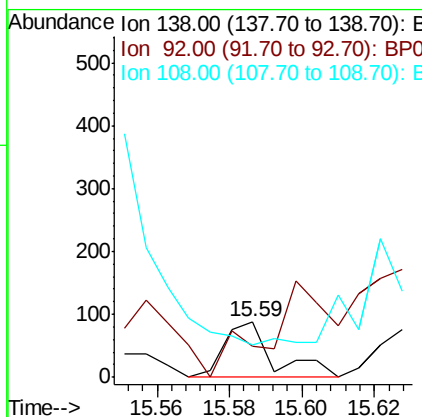
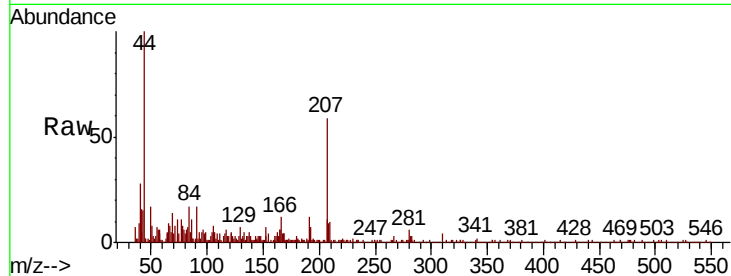




#62
4-Nitroaniline
Concen: 2.421 ng
RT: 15.59 min Scan# 2159
Delta R.T. 0.18 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

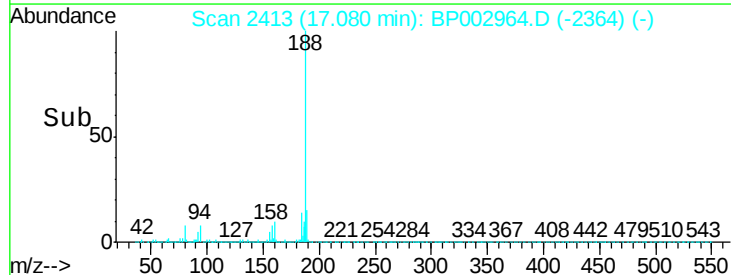
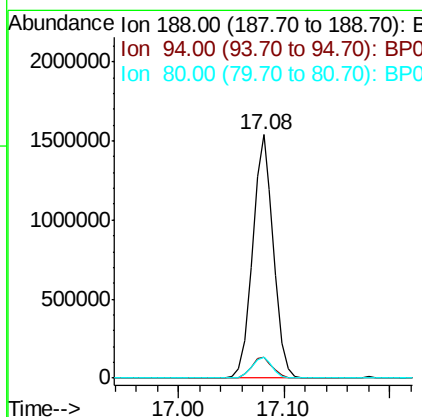
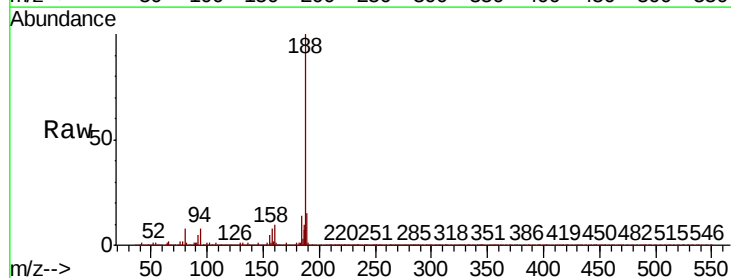
Instrument :
BNA_P
ClientSampleId :
BW-STOCK

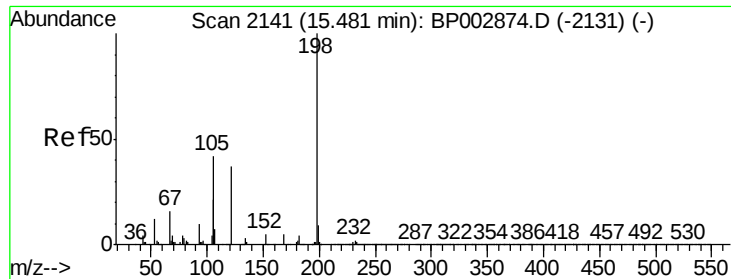
Tot Ion:138 Resp: 84
Ion Ratio Lower Upper
138 100
92 55.7 21.2 61.2
108 59.1 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002964.D
Acq: 13 Aug 2020 14:05

Tgt Ion:188 Resp: 2109234
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.5 7.0 10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 6.904 ng

RT: 15.46 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

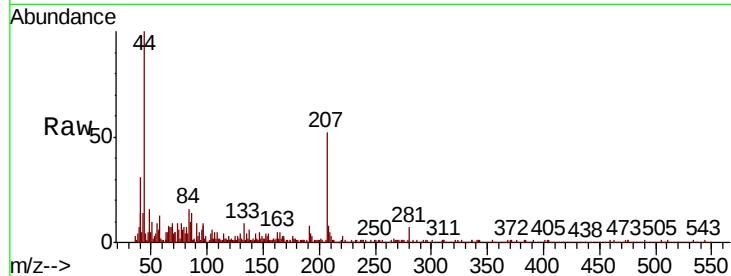
Tot Ion:198 Resp: 46

Ion Ratio Lower Upper

198 100

51 975.9 6.5 46.5#

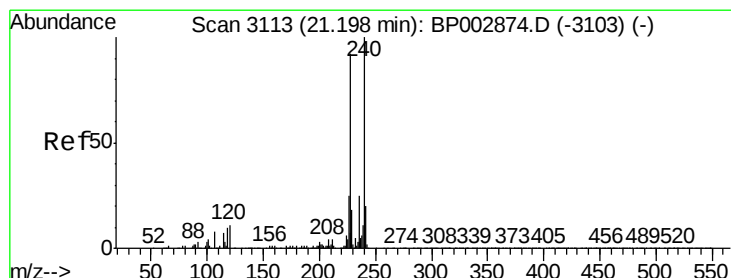
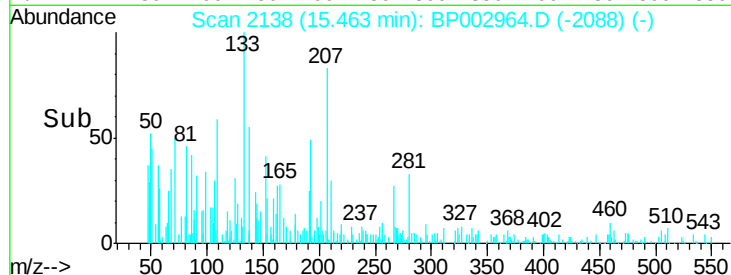
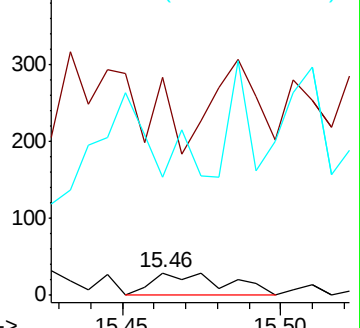
105 527.6 20.4 60.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

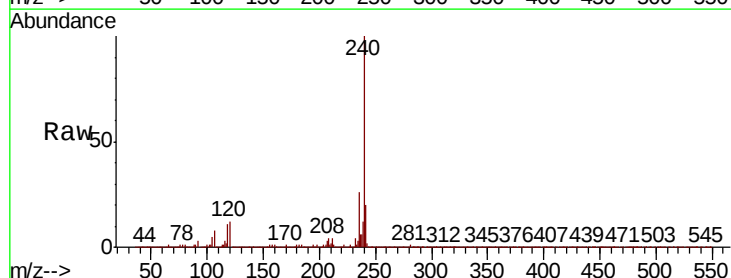
Tgt Ion:240 Resp: 2268888

Ion Ratio Lower Upper

240 100

120 12.0 10.6 16.0

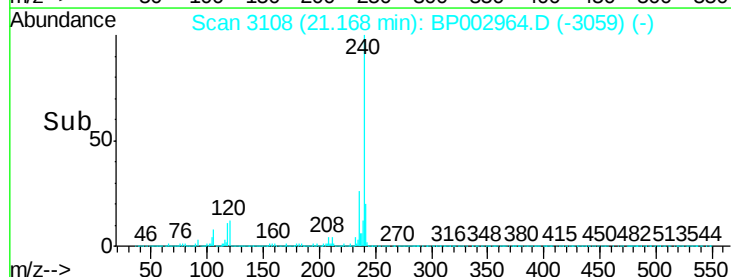
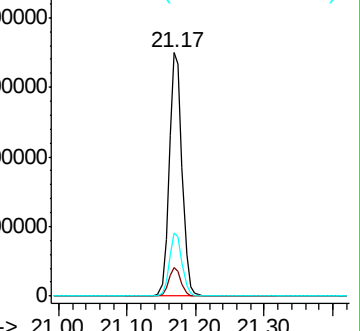
236 26.1 20.7 31.1

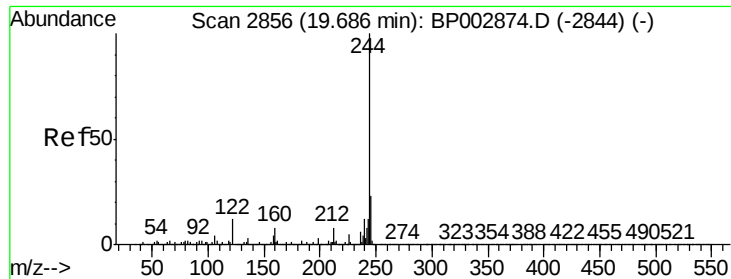


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 45.350 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

Instrument :

BNA_P

ClientSampleId :

BW-STOCK

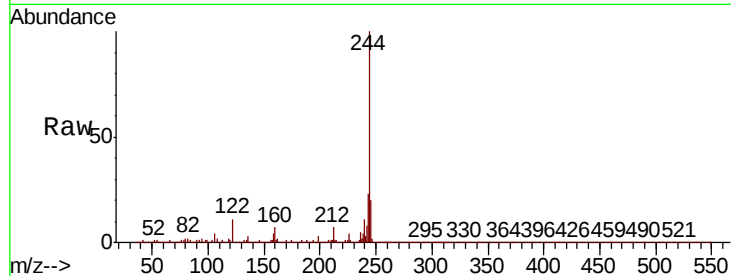
Tot Ion:244 Resp: 5139683

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

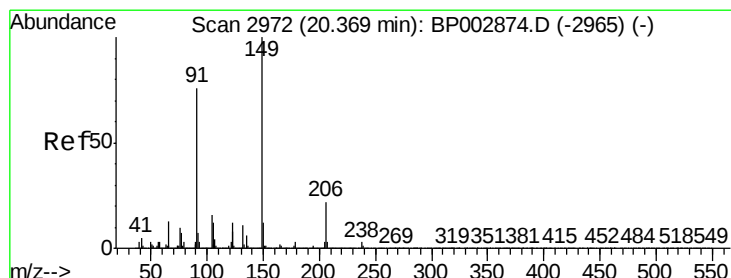
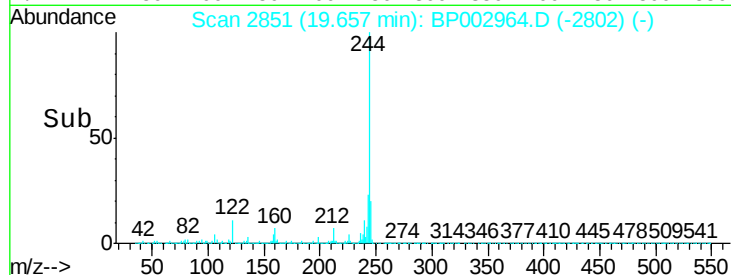
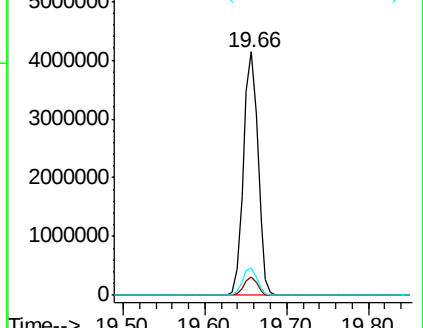
122 11.0 9.9 14.9



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: 3.071 ng

RT: 20.34 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BP002964.D

Acq: 13 Aug 2020 14:05

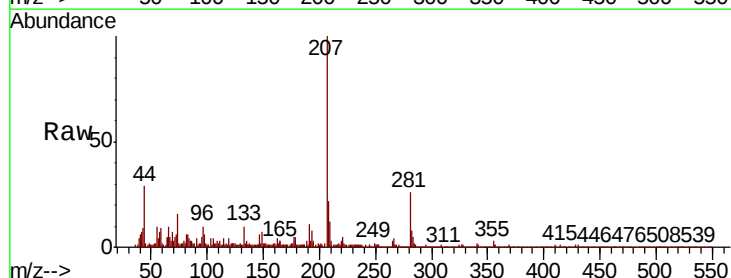
Tgt Ion:149 Resp: 908

Ion Ratio Lower Upper

149 100

91 64.5 46.5 69.7

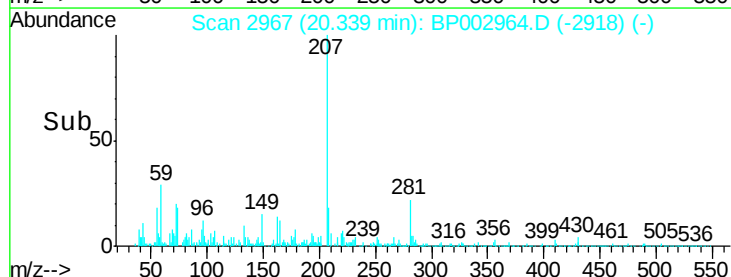
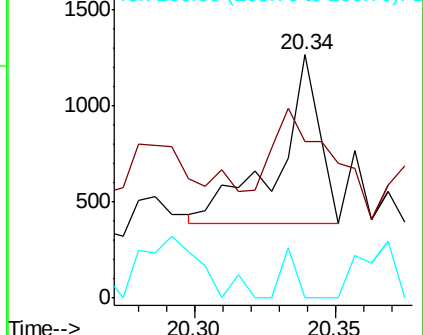
206 0.0 17.2 25.8#

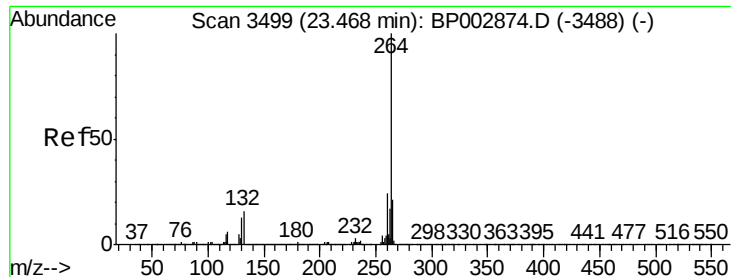


Abundance Ion 149.00 (148.70 to 149.70): E

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: BP002964.D
Acq: 13 Aug 2020 14:05

Instrument :
BNA_P
ClientSampleId :
BW-STOCK

Tot Ion:264 Resp: 2453478

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.8	17.6	26.4

