

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003047.D
 Acq On : 19 Aug 2020 23:28
 Operator : CG/JU
 Sample : L3712-15 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VB-25860

Quant Time: Aug 20 01:18:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	349897	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1431989	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	674568	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	811775	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1386345	20.00	ng	0.00
86) Perylene-d12	23.41	264	1689268	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	452	0.02	ng	0.00
7) Phenol-d6	6.86	99	1097	0.03	ng	-0.01
23) Nitrobenzene-d5	8.82	82	133775	5.06	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	183	0.02	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	427031	8.65	ng	-0.01
79) Terphenyl-d14	19.67	244	309382	4.47	ng	0.01

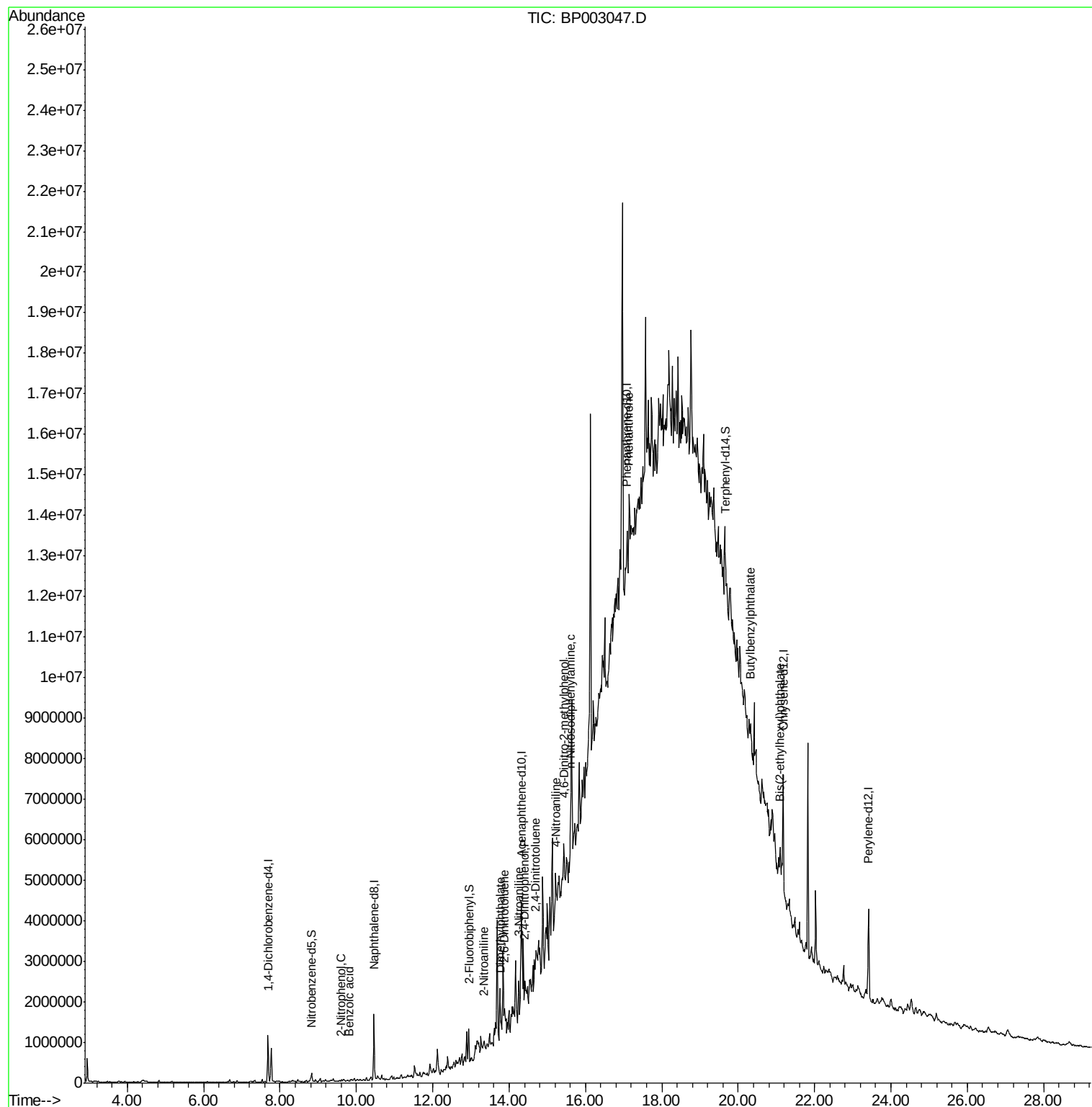
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	177	4.534	ng	# 1
32) Benzoic acid	9.82	122	369	7.709	ng	# 1
48) 2-Nitroaniline	13.35	65	789	4.038	ng	# 44
50) Dimethylphthalate	13.77	163	136430	2.586	ng	# 87
51) 2,6-Dinitrotoluene	13.87	165	23209	4.733	ng	# 70
53) 3-Nitroaniline	14.25	138	16462	4.502	ng	# 37
54) 2,4-Dinitrophenol	14.40	184	627	8.170	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	23150	5.166	ng	# 55
62) 4-Nitroaniline	15.23	138	53555	6.570	ng	# 93
65) 4,6-Dinitro-2-methylphenol	15.43	198	4622	7.836	ng	# 1
66) n-Nitrosodiphenylamine	15.60	169	111027	4.130	ng	# 47
71) Phenanthrene	17.13	178	140960	2.961	ng	# 1
80) Butylbenzylphthalate	20.33	149	15589	3.429	ng	# 23
84) Bis(2-ethylhexyl)phthalate	21.10	149	354477	6.609	ng	# 94

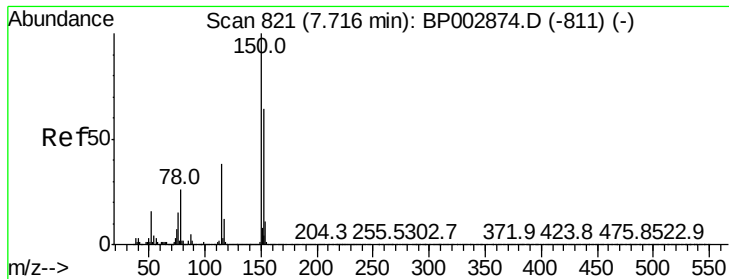
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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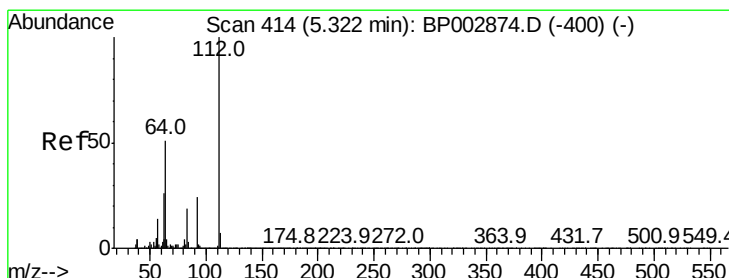
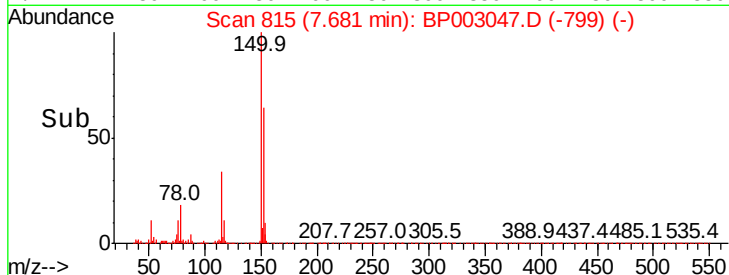
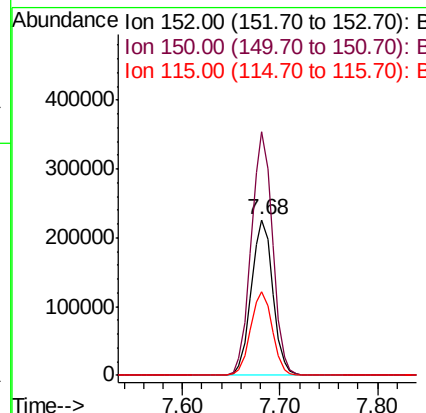
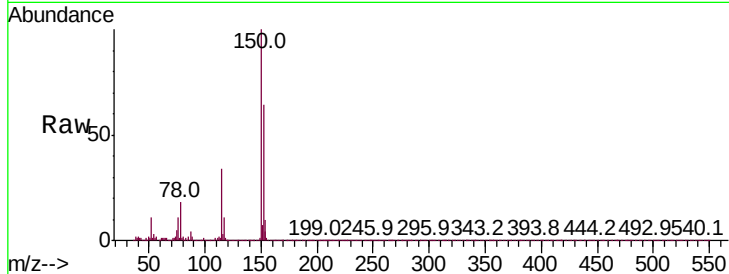


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Instrument :
BNA_P
ClientSampleId :
VB-25860

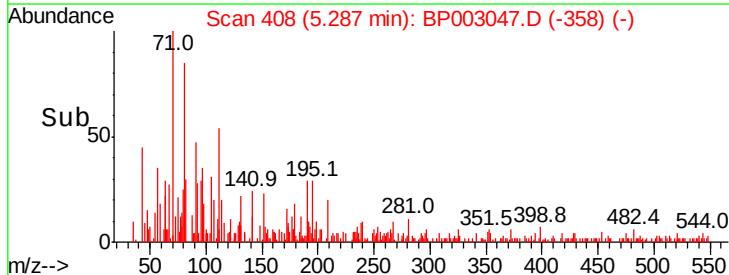
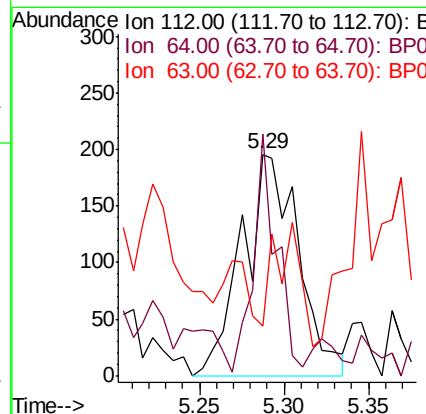
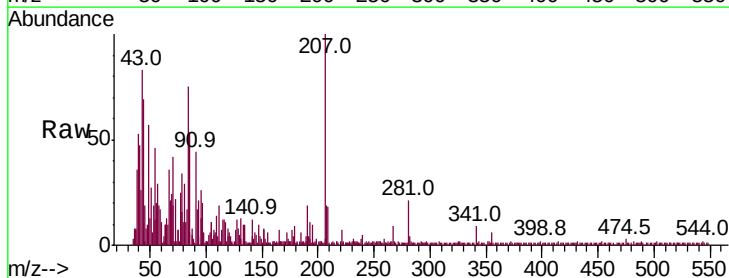
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.1	189.1
115	53.4	43.4	65.2

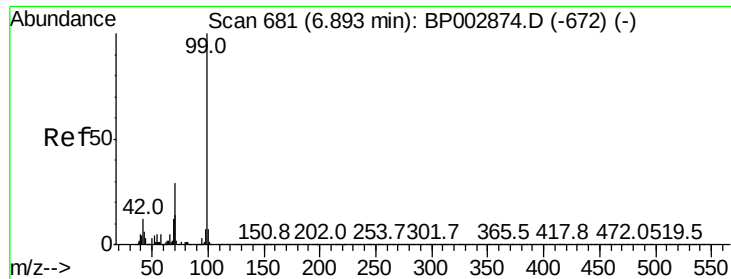


#5

2-Fluorophenol
Concen: 0.020 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	109.2	33.4	50.2#
63	22.4	17.4	26.0





#7

Phenol-d6

Concen: 0.035 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_P

ClientSampleId :

VB-25860

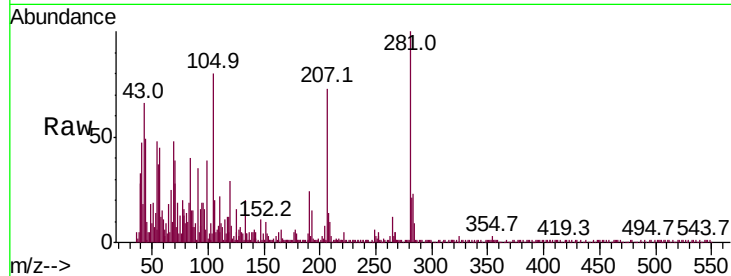
Tot Ion: 99 Resp: 1097

Ion Ratio Lower Upper

99 100

42 45.1 8.0 12.0#

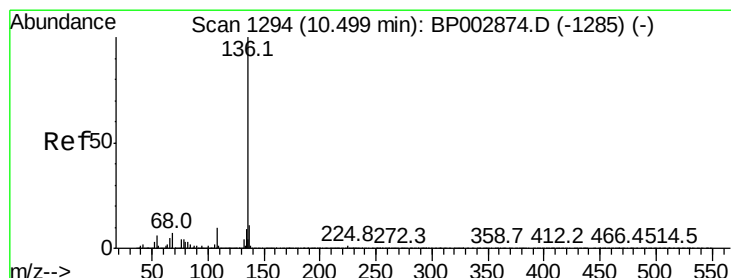
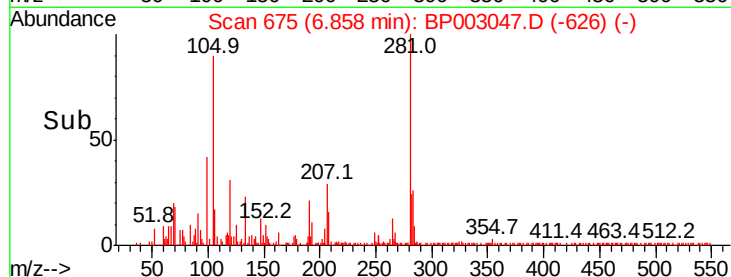
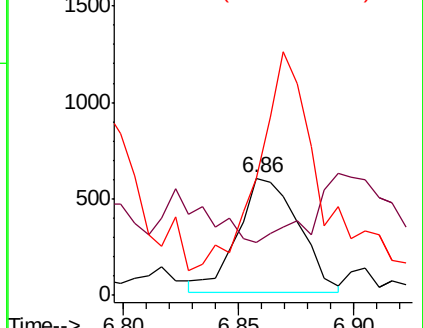
71 99.5 21.3 31.9#



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: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Tgt Ion: 136 Resp: 1431989

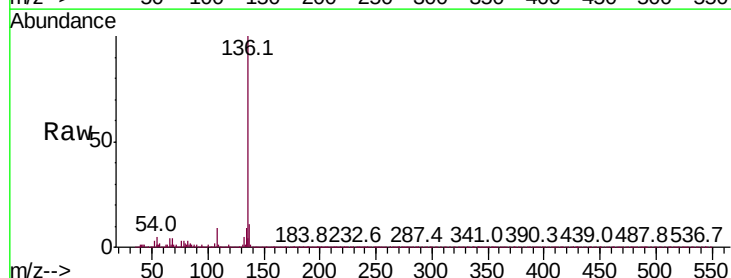
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.6 3.8 5.8

68 4.4 3.8 5.8

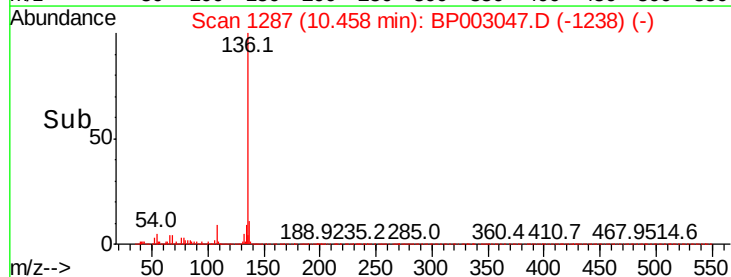
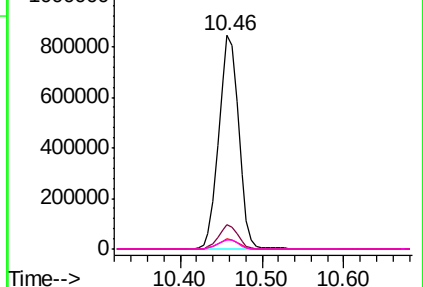


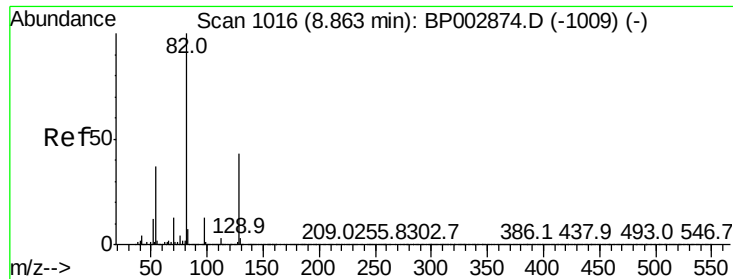
Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.060 ng

RT: 8.82 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_P

ClientSampleId :

VB-25860

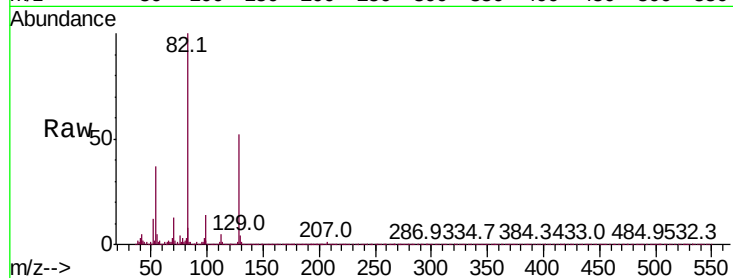
Tot Ion: 82 Resp: 133775

Ion Ratio Lower Upper

82 100

128 51.8 45.1 67.7

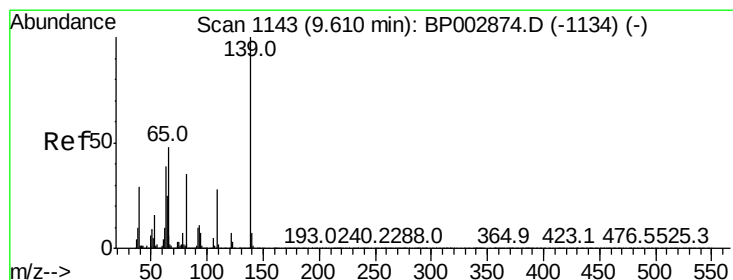
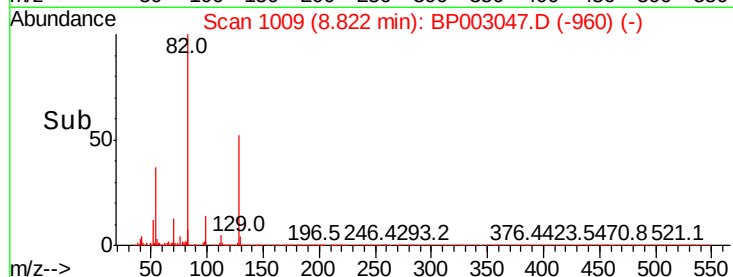
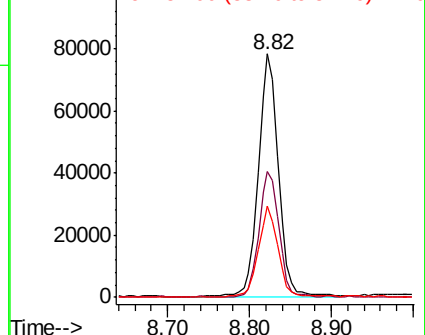
54 37.4 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#26

2-Nitrophenol

Concen: 4.534 ng

RT: 9.59 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

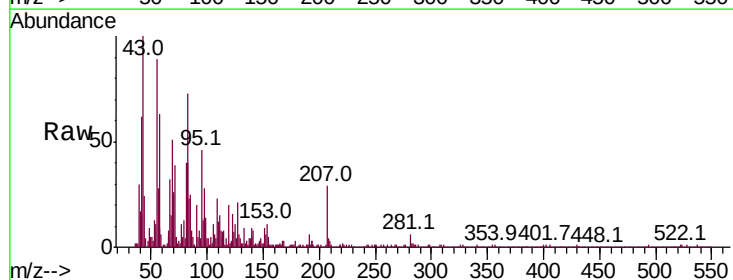
Tgt Ion: 139 Resp: 177

Ion Ratio Lower Upper

139 100

109 276.3 21.0 31.6#

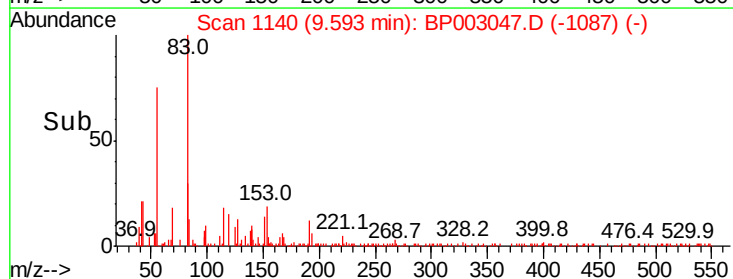
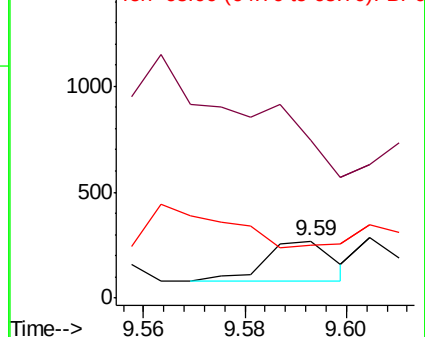
65 92.2 27.2 40.8#

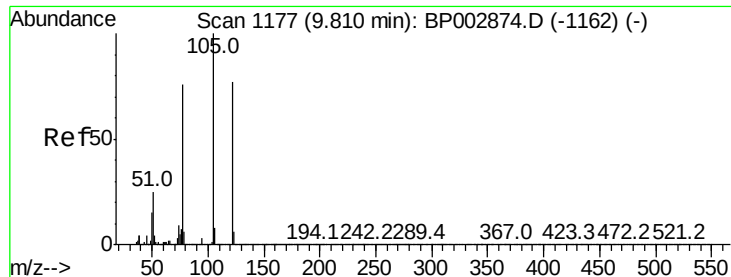


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

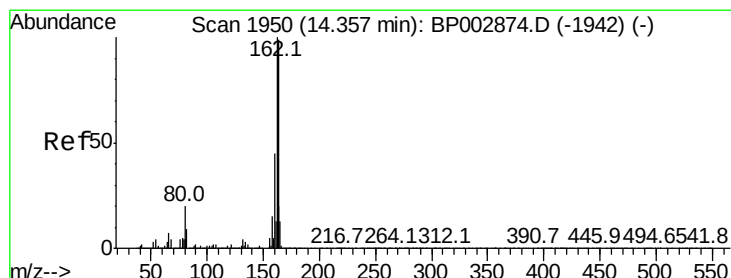
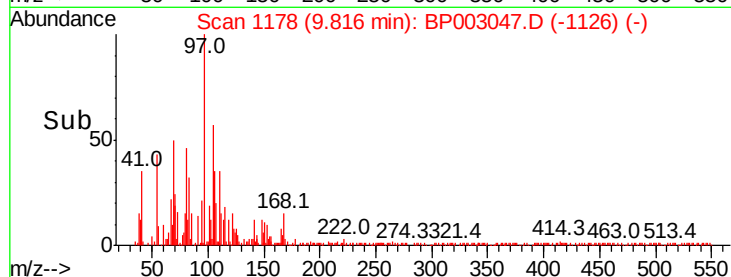
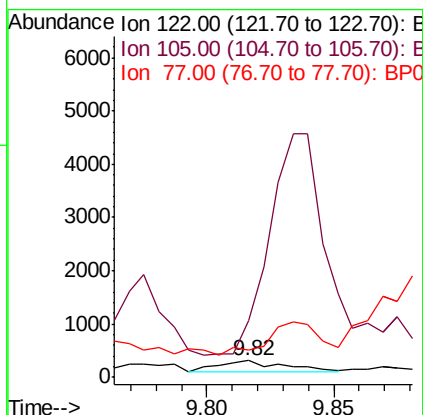
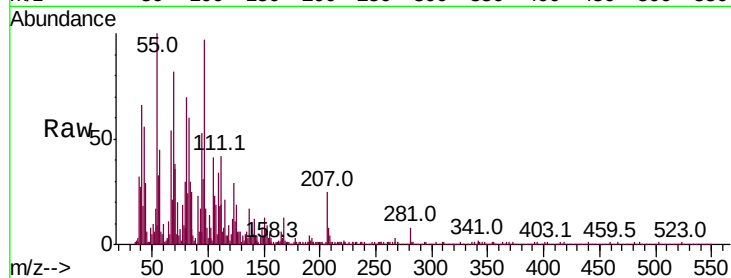




#32
Benzoic acid
Concen: 7.709 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

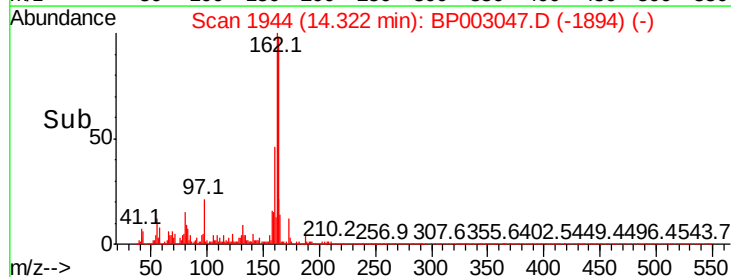
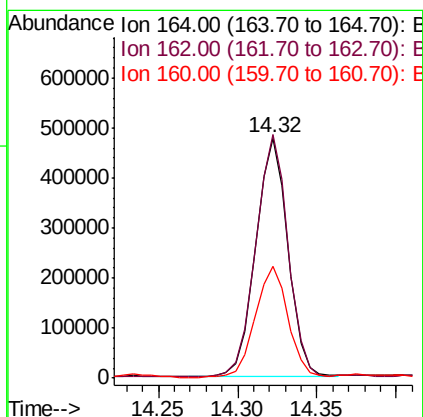
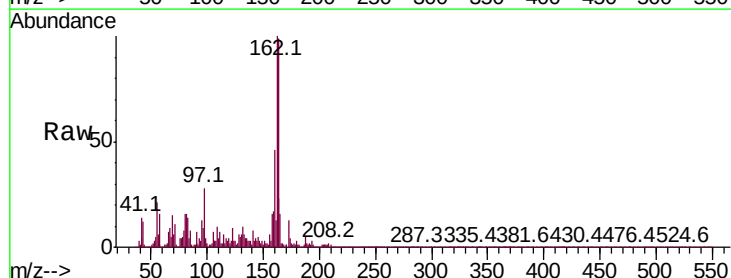
Instrument :
BNA_P
ClientSampled :
VB-25860

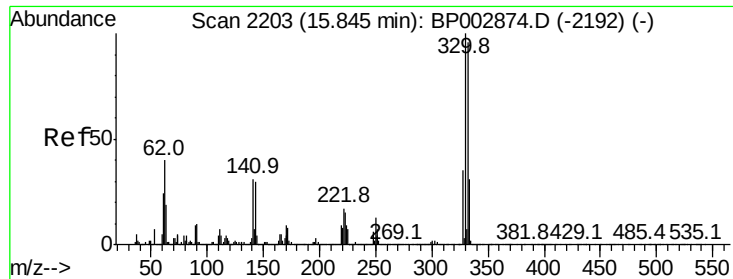
Tot Ion	Ratio	Lower	Upper
122	100		
105	344.2	96.2	136.2#
77	161.2	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	46.7	35.5	53.3

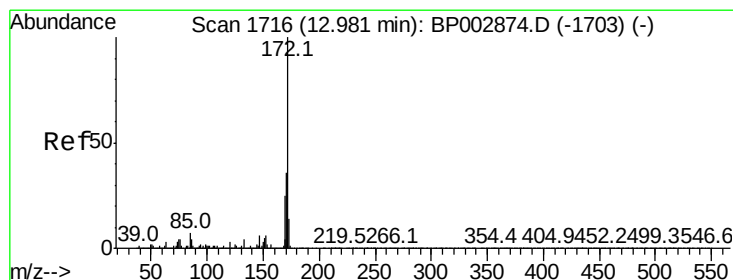
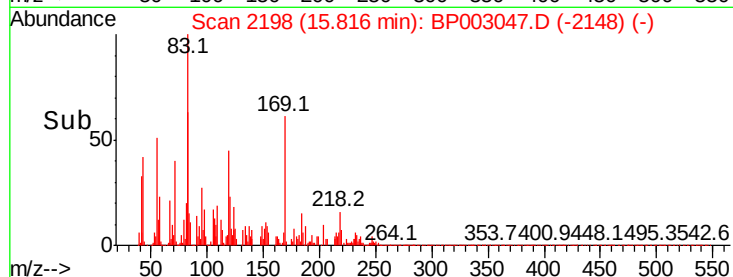
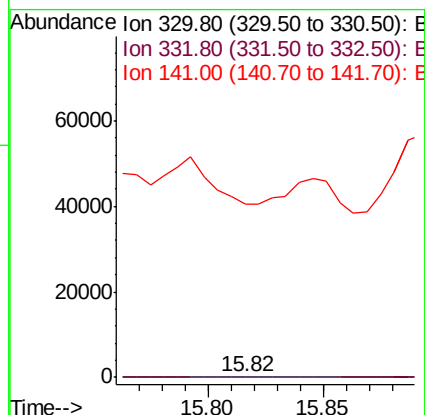
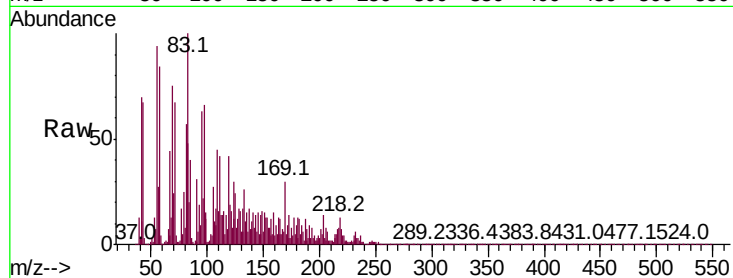




#42
2,4,6-Tribromophenol
Concen: 0.022 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

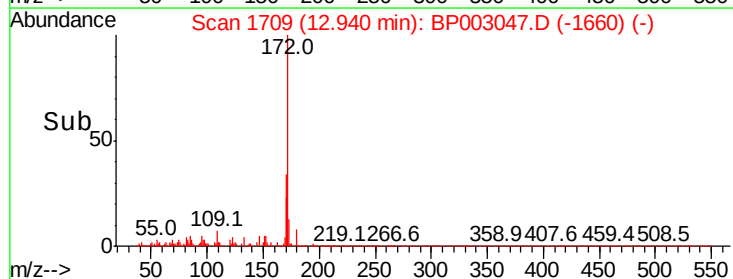
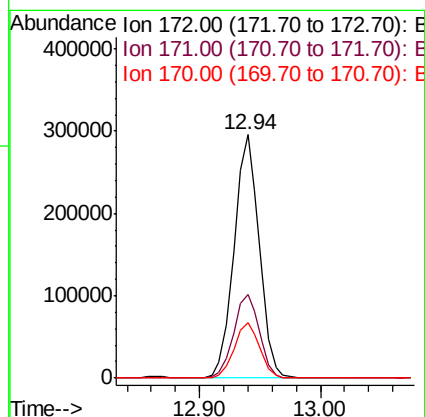
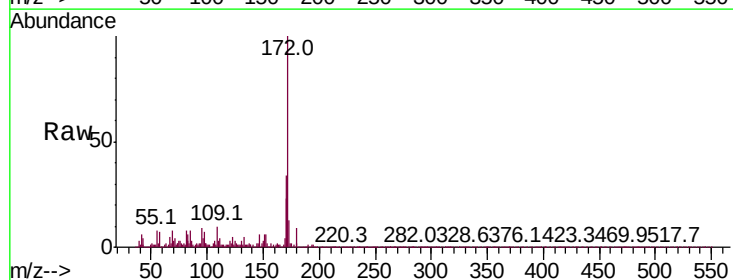
Instrument :
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ClientSampleId :
VB-25860

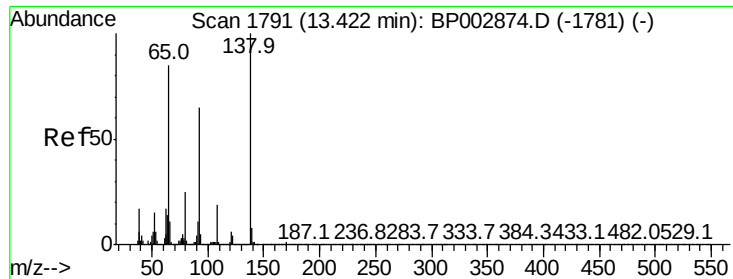
Tot Ion	Ratio	Lower	Upper
330	100		
332	124.0	77.0	115.6#
141	0.0	26.7	40.1#



#45
2-Fluorobiphenyl
Concen: 8.649 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.0	43.4
170	22.9	19.1	28.7

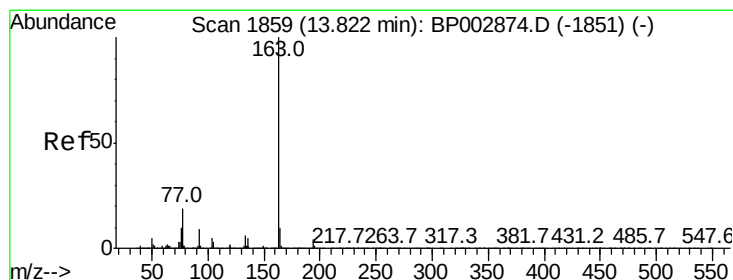
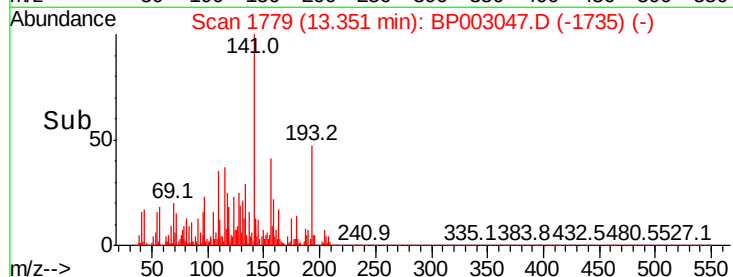
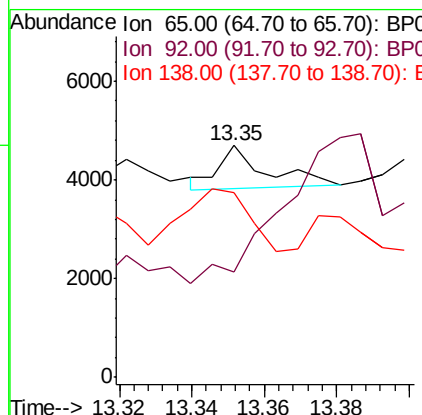
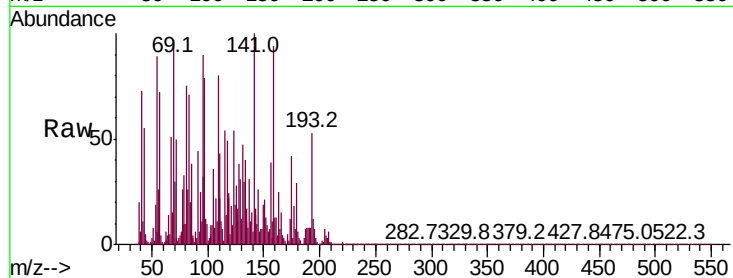




#48
2-Nitroaniline
Concen: 4.038 ng
RT: 13.35 min Scan# 1779
Delta R.T. -0.04 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

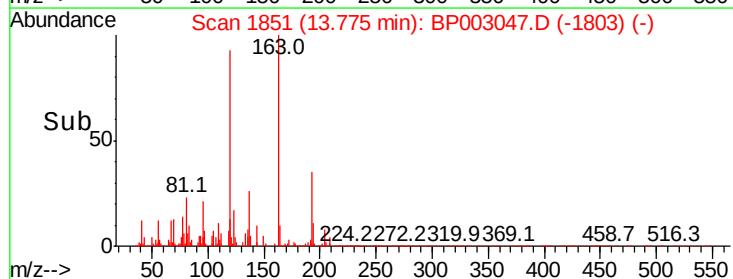
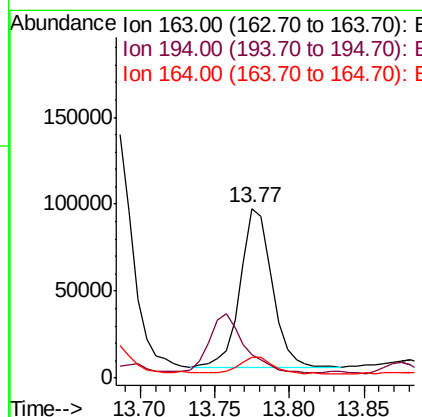
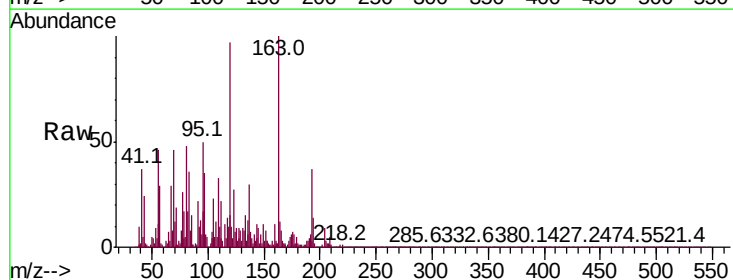
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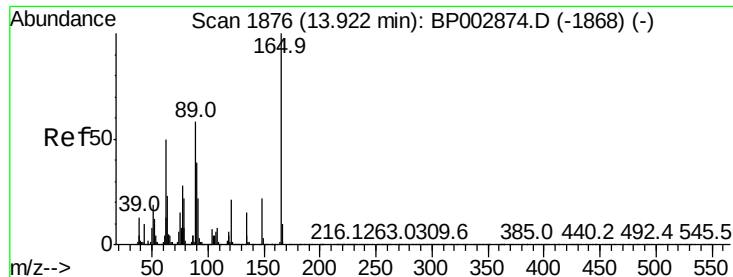
Tot Ion: 65 Resp: 789
Ion Ratio Lower Upper
65 100
92 45.7 70.1 105.1#
138 79.9 129.7 194.5#



#50
Dimethylphthalate
Concen: 2.586 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion: 163 Resp: 136430
Ion Ratio Lower Upper
163 100
194 14.2 3.3 4.9#
164 12.3 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 4.733 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_P

ClientSampleId :

VB-25860

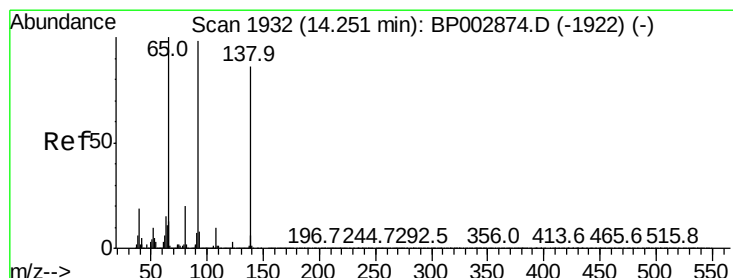
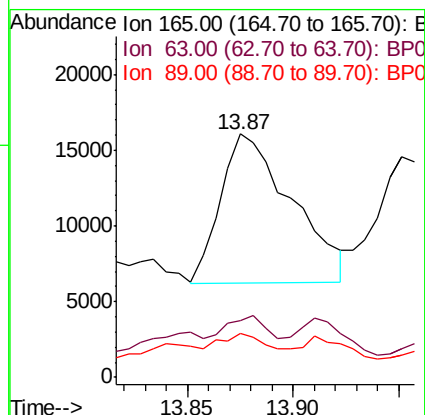
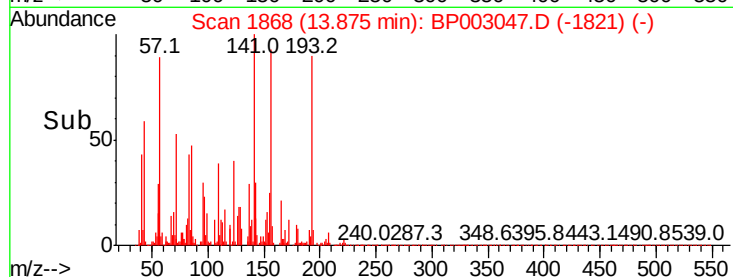
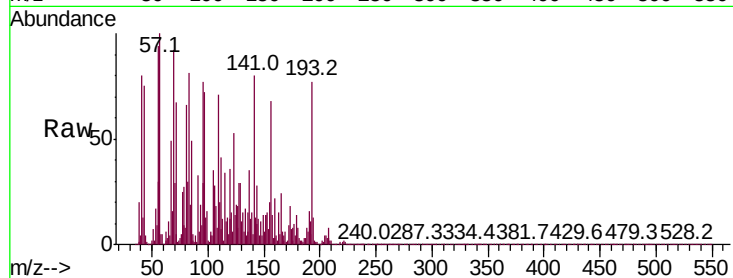
Tot Ion:165 Resp: 23209

Ion Ratio Lower Upper

165 100

63 23.4 28.1 42.1#

89 18.3 34.5 51.7#



#53

3-Nitroaniline

Concen: 4.502 ng

RT: 14.25 min Scan# 1931

Delta R.T. 0.02 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

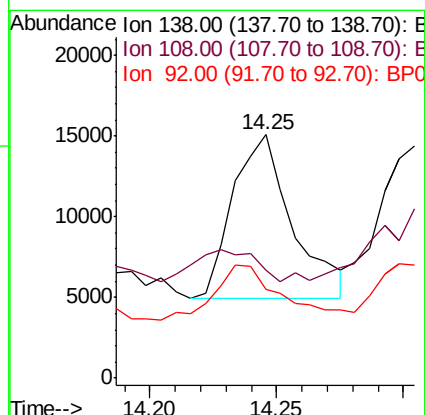
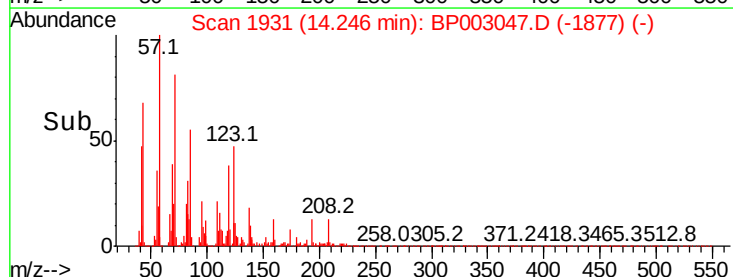
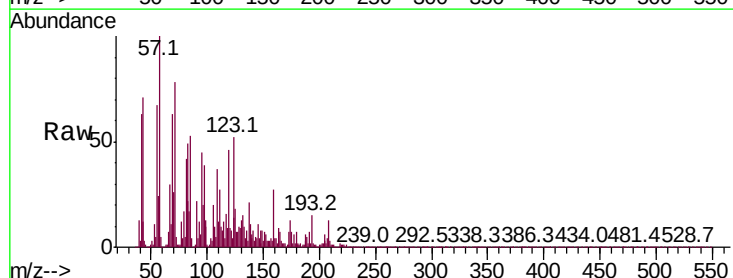
Tgt Ion:138 Resp: 16462

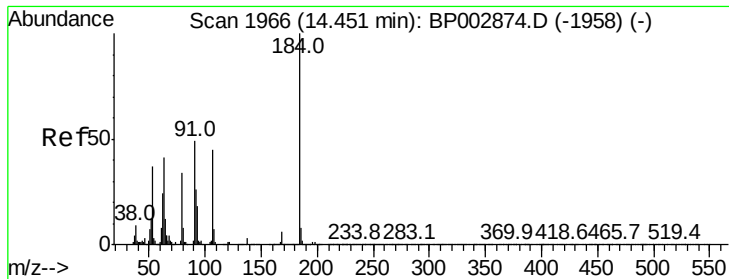
Ion Ratio Lower Upper

138 100

108 44.2 7.7 11.5#

92 36.4 75.6 113.4#

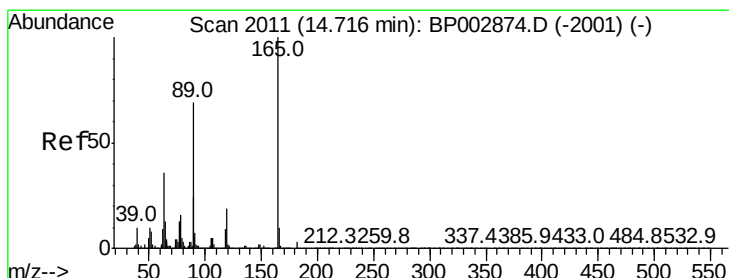
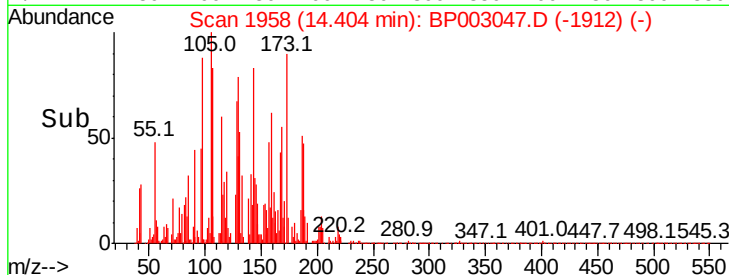
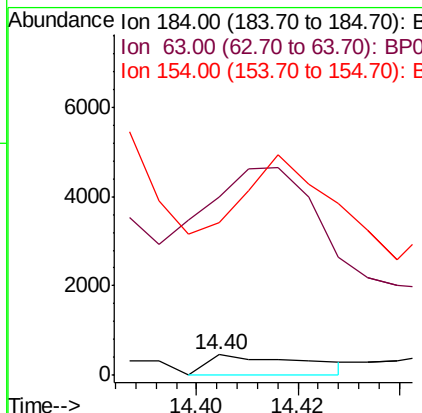
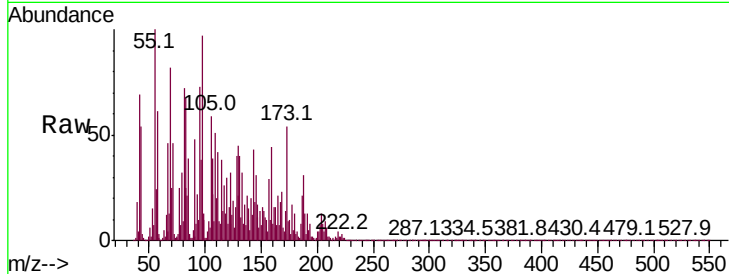




#54
2,4-Dinitrophenol
Concen: 8.170 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.03 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

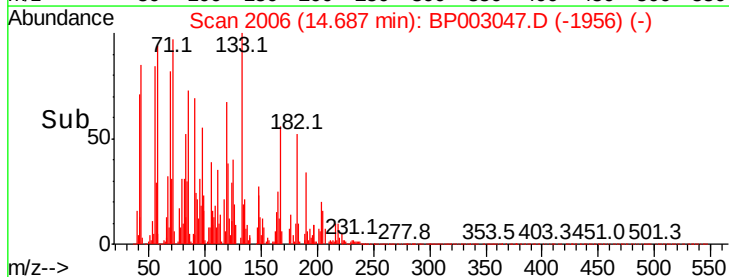
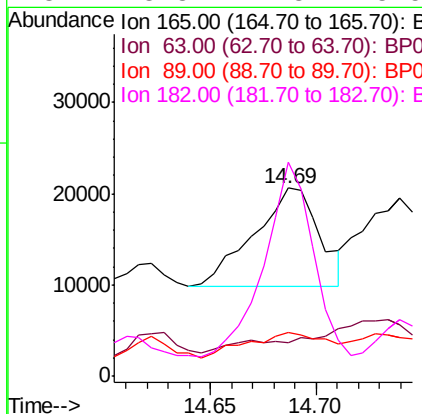
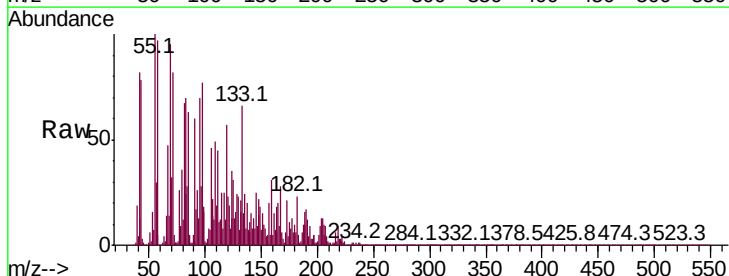
Instrument :
BNA_P
ClientSampleId :
VB-25860

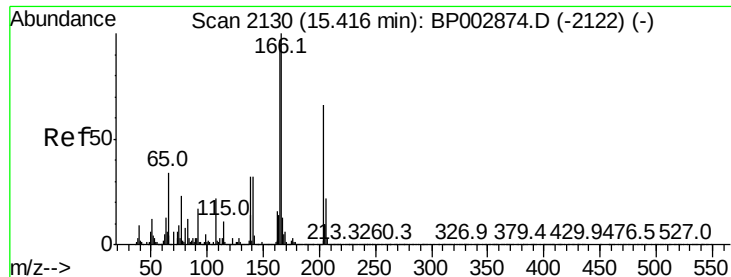
Tot Ion:184 Resp: 627
Ion Ratio Lower Upper
184 100
63 857.3 33.0 49.6#
154 735.6 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 5.166 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion:165 Resp: 23150
Ion Ratio Lower Upper
165 100
63 17.5 20.6 31.0#
89 23.3 43.4 65.0#
182 113.8 2.3 3.5#

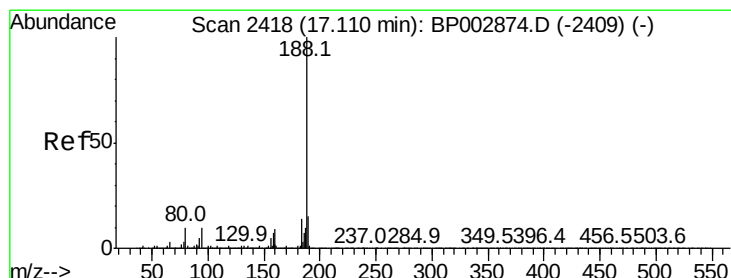
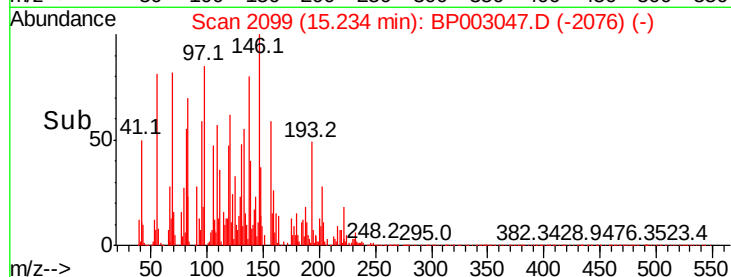
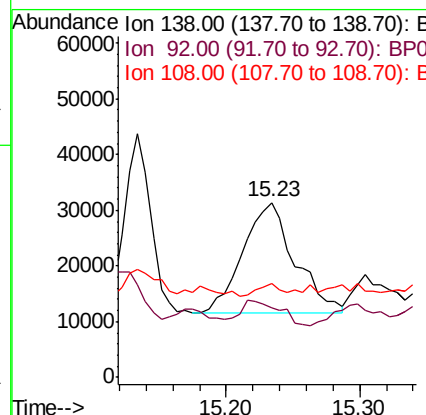
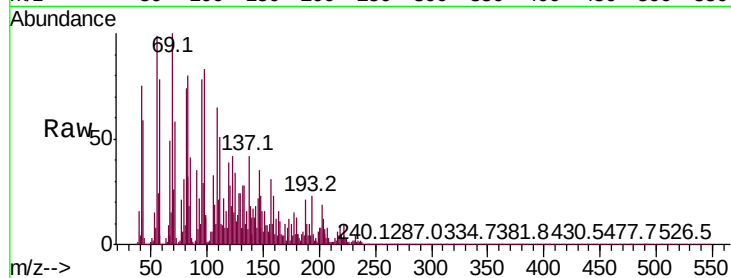




#62
4-Nitroaniline
Concen: 6.570 ng
RT: 15.23 min Scan# 2099
Delta R.T. -0.16 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

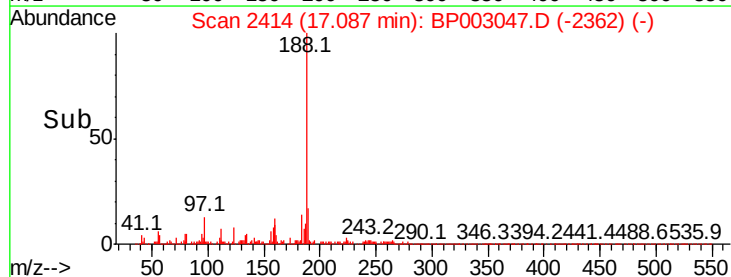
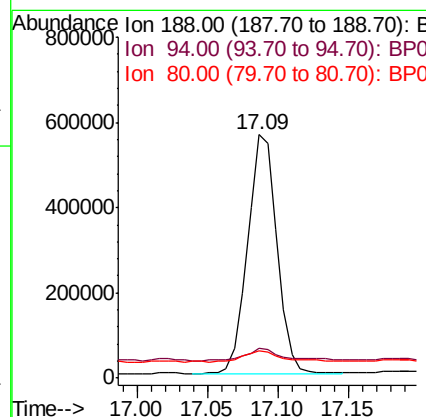
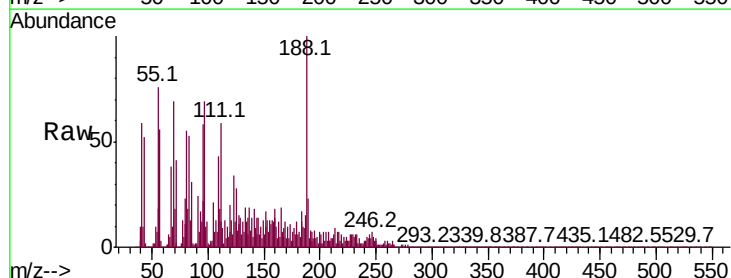
Instrument :
BNA_P
ClientSampled :
VB-25860

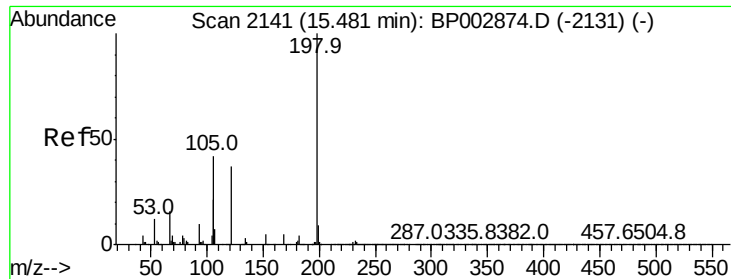
Tot Ion:138 Resp: 53555
Ion Ratio Lower Upper
138 100
92 40.0 21.4 61.4
108 53.4 40.8 80.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Tgt Ion:188 Resp: 811775
Ion Ratio Lower Upper
188 100
94 12.1 7.1 10.7#
80 11.4 6.7 10.1#

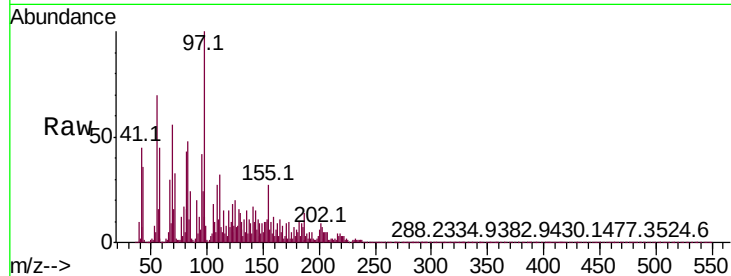




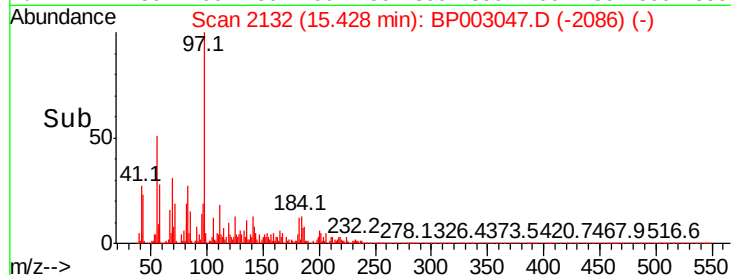
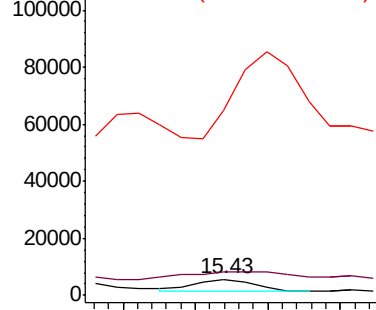
#65
4,6-Dinitro-2-methylphenol
Concen: 7.836 ng
RT: 15.43 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

Instrument :
BNA_P
ClientSampleId :
VB-25860

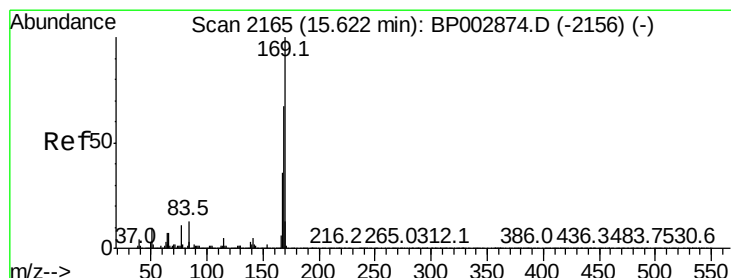
Tot Ion:198 Resp: 4622
Ion Ratio Lower Upper
198 100
51 148.3 6.2 46.2#
105 1151.7 19.9 59.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BPO
Ion 105.00 (104.70 to 105.70): E

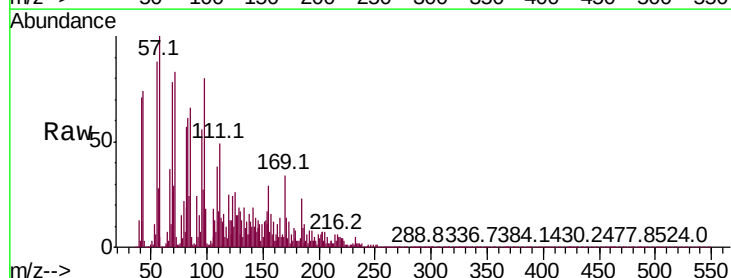


Time-->

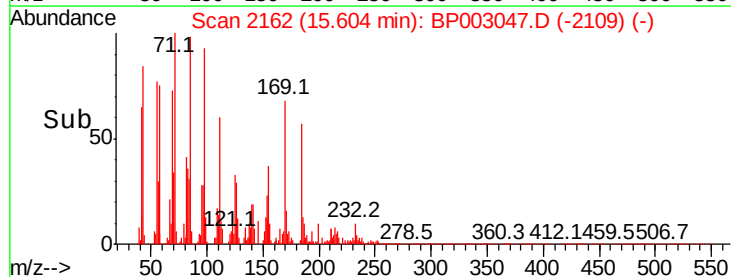
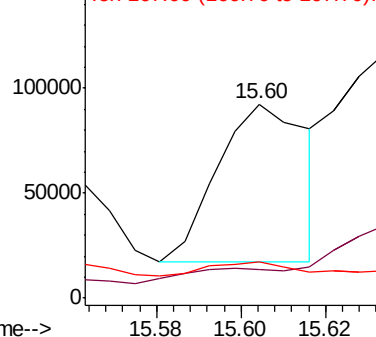


#66
n-Nitrosodiphenylamine
Concen: 4.130 ng
RT: 15.60 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BP003047.D
Acq: 19 Aug 2020 23:28

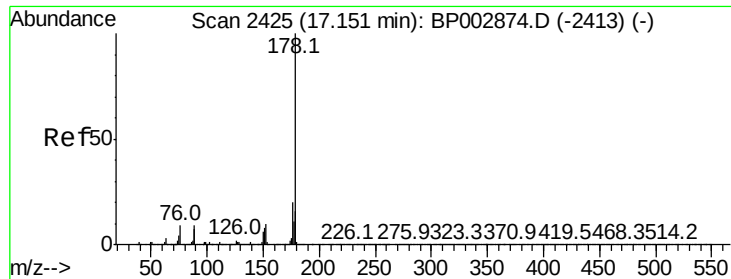
Tgt Ion:169 Resp: 111027
Ion Ratio Lower Upper
169 100
168 14.8 53.4 80.2#
167 18.7 28.8 43.2#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



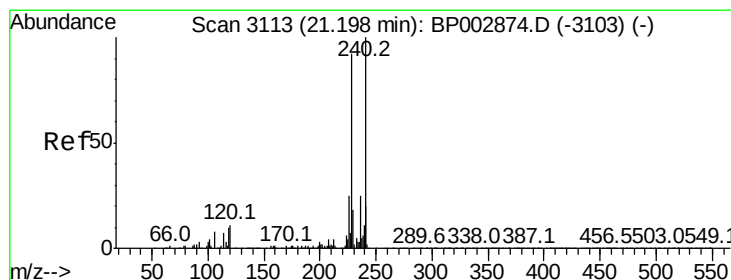
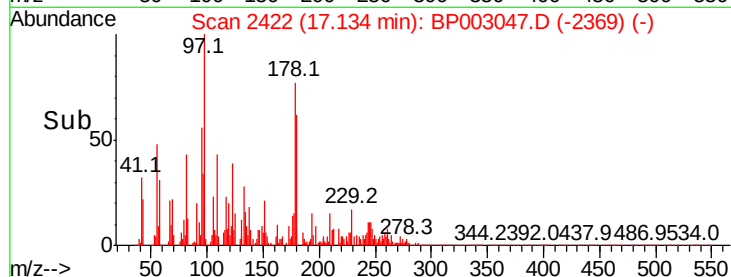
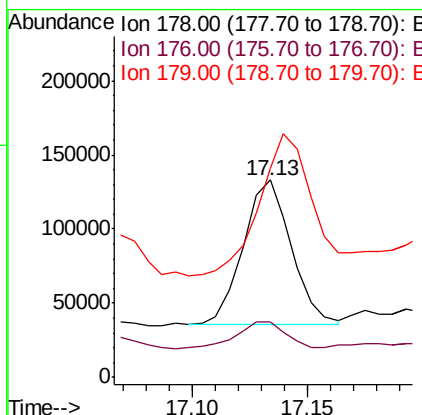
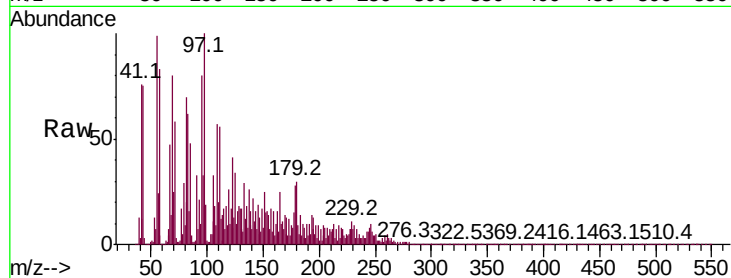
Time-->



#71
 Phenanthrene
 Concen: 2.961 ng
 RT: 17.13 min Scan# 2422
 Delta R.T. 0.01 min
 Lab File: BP003047.D
 Acq: 19 Aug 2020 23:28

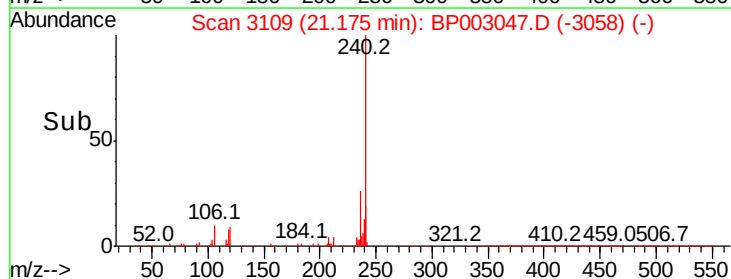
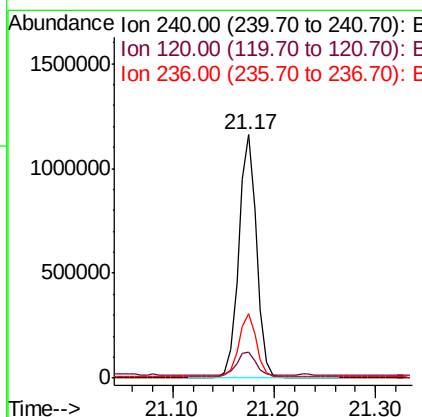
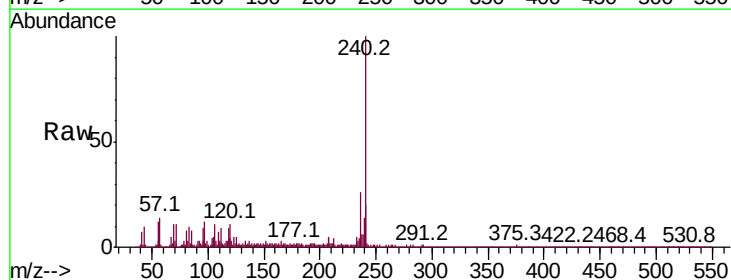
Instrument :
 BNA_P
 ClientSampleId :
 VB-25860

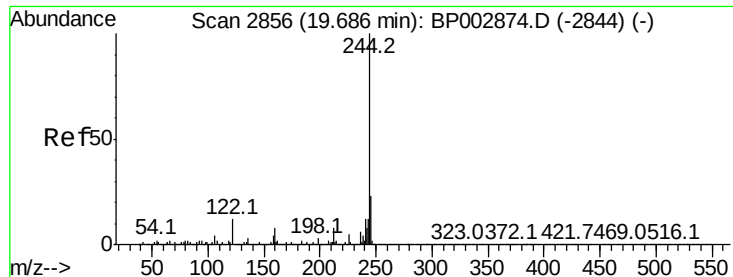
Tot Ion:178 Resp: 140960
 Ion Ratio Lower Upper
 178 100
 176 28.2 15.8 23.8#
 179 105.9 12.9 19.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BP003047.D
 Acq: 19 Aug 2020 23:28

Tgt Ion:240 Resp: 1386345
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 4.468 ng

RT: 19.67 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :

BNA_P

ClientSampleId :

VB-25860

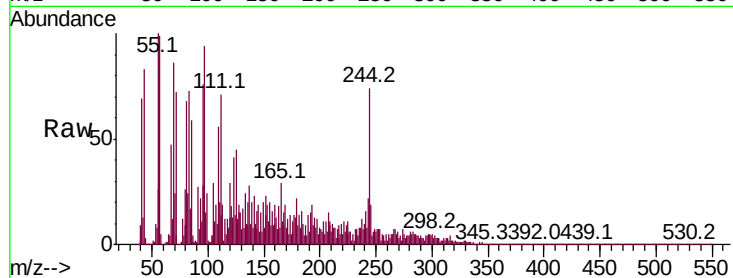
Tot Ion:244 Resp: 309382

Ion Ratio Lower Upper

244 100

212 10.8 6.3 9.5#

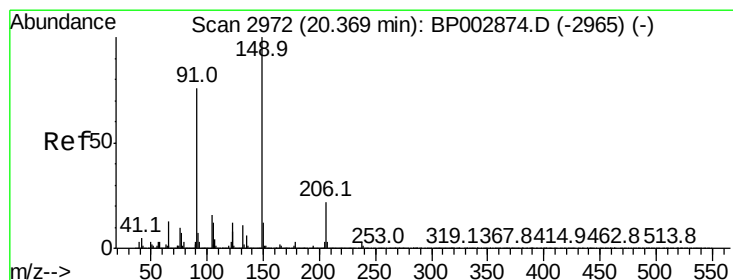
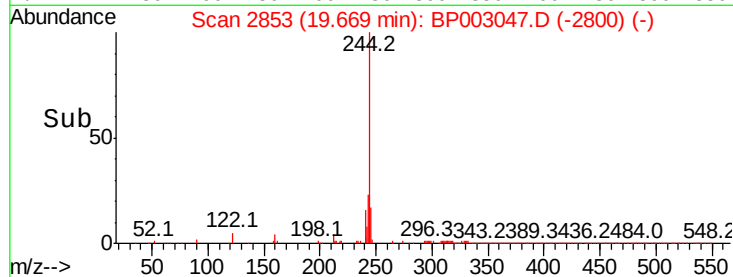
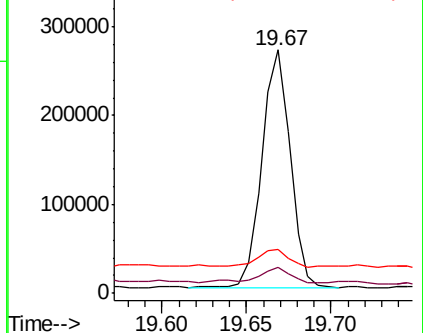
122 17.9 8.7 13.1#



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: 3.429 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

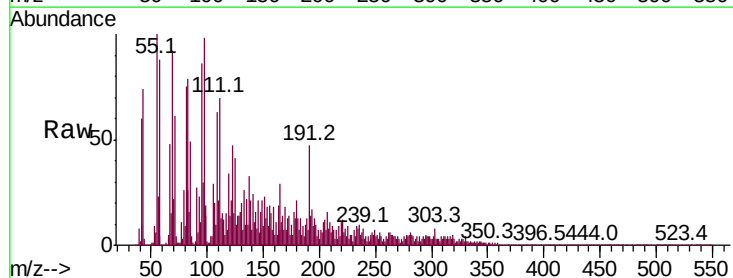
Tgt Ion:149 Resp: 15589

Ion Ratio Lower Upper

149 100

91 129.2 45.3 67.9#

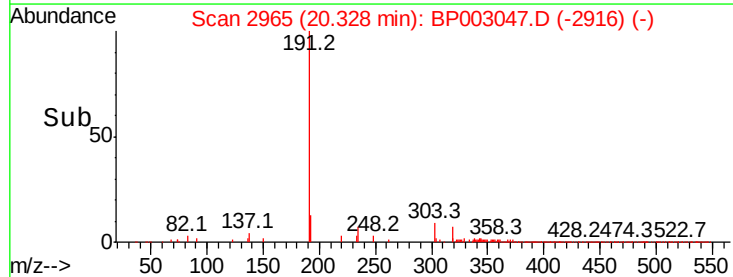
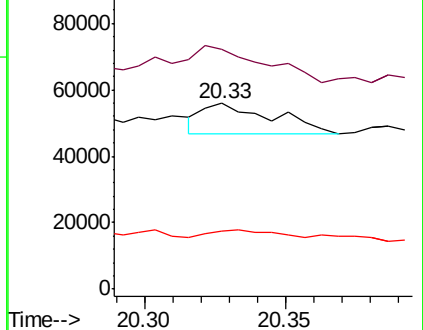
206 31.5 17.5 26.3#

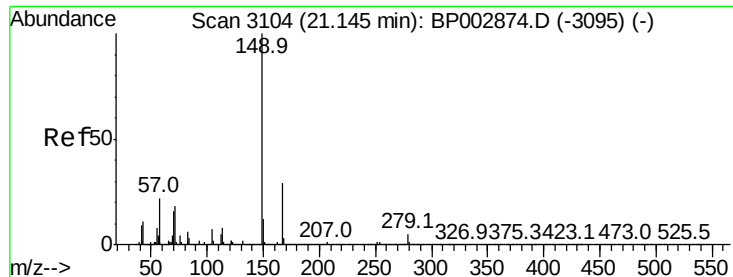


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.609 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

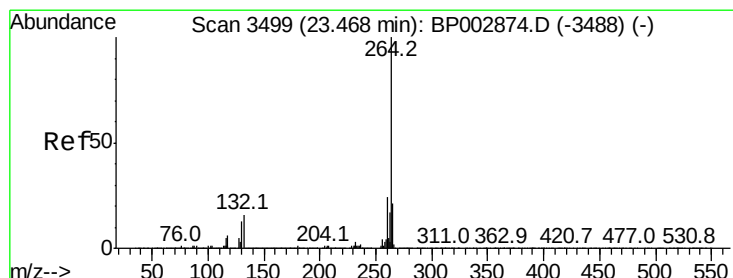
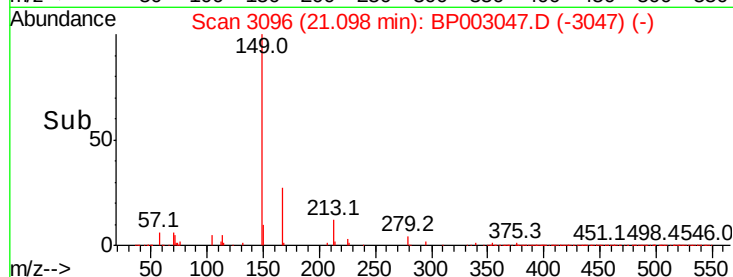
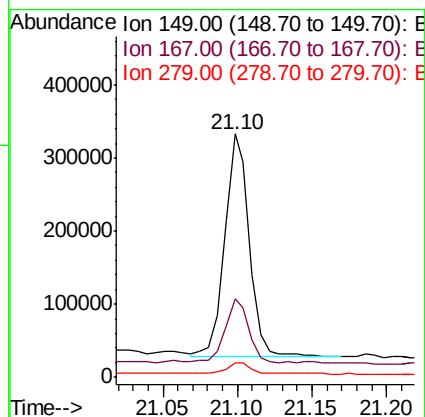
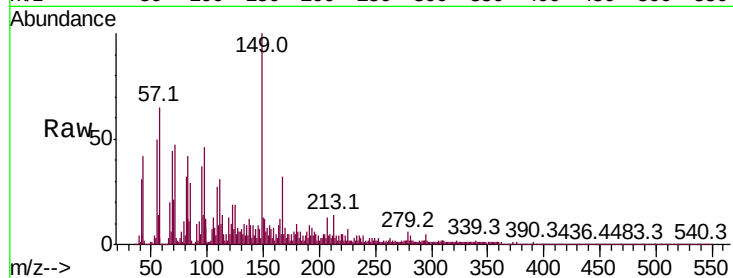
Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Instrument :
BNA_P
ClientSampleId :
VB-25860

Tot Ion:149 Resp: 354477

Ion	Ratio	Lower	Upper
149	100		
167	32.1	22.9	34.3
279	5.9	3.8	5.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BP003047.D

Acq: 19 Aug 2020 23:28

Tgt Ion:264 Resp: 1689268

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.3	25.9

