

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003041.D
 Acq On : 19 Aug 2020 20:03
 Operator : CG/JU
 Sample : PB131076BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131076BL

Quant Time: Aug 20 01:16:19 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

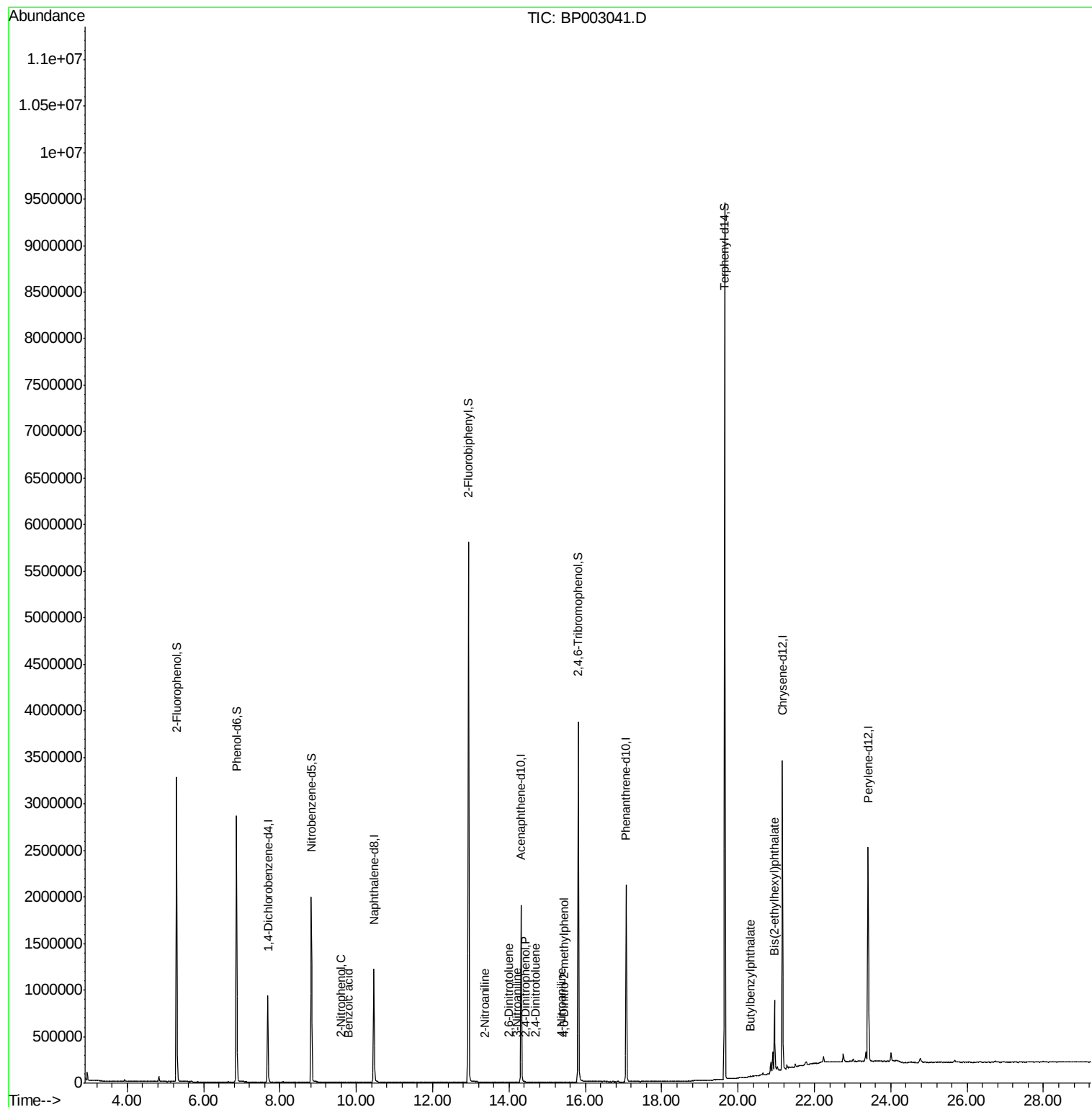
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	283465	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1149859	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	674413	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1298018	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1547864	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1629824	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1760635	95.06	ng	0.00
7) Phenol-d6	6.86	99	2025801	78.78	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1179596	55.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	823557	98.25	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3261387	66.07	ng	-0.01
79) Terphenyl-d14	19.65	244	4175814	54.01	ng	-0.01
Target Compounds						
26) 2-Nitrophenol	9.59	139	39	4.524	ng	# 1
32) Benzoic acid	9.79	122	25	7.688	ng	# 1
48) 2-Nitroaniline	13.37	65	49	3.976	ng	# 24
51) 2,6-Dinitrotoluene	13.99	165	30	2.902	ng	# 97
53) 3-Nitroaniline	14.21	138	32	3.276	ng	# 1
54) 2,4-Dinitrophenol	14.42	184	24	8.062	ng	# 14
57) 2,4-Dinitrotoluene	14.70	165	91	3.811	ng	# 52
62) 4-Nitroaniline	15.37	138	48	2.420	ng	# 78
65) 4,6-Dinitro-2-methylphenol	15.43	198	16	6.902	ng	# 1
80) Butylbenzylphthalate	20.33	149	1249	3.084	ng	# 86
84) Bis(2-ethylhexyl)phthalate	20.95	149	346849	5.792	ng	# 52

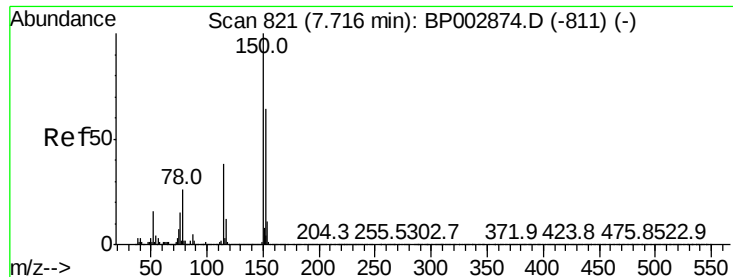
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP003041.D

Acq: 19 Aug 2020 20:03

Instrument :

BNA_P

ClientSampleId :

PB131076BL

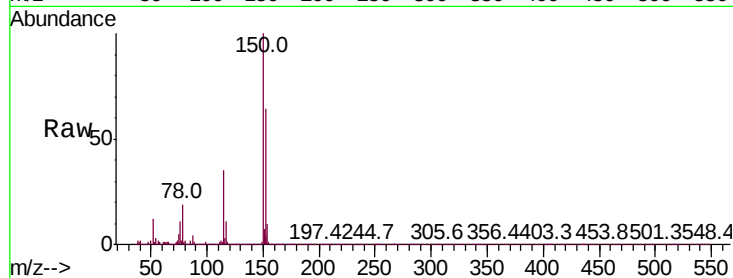
Tot Ion:152 Resp: 283465

Ion Ratio Lower Upper

152 100

150 157.0 126.1 189.1

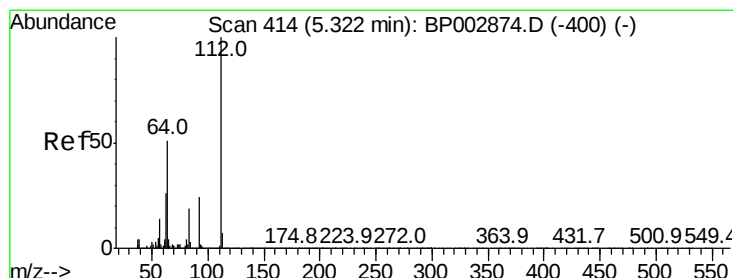
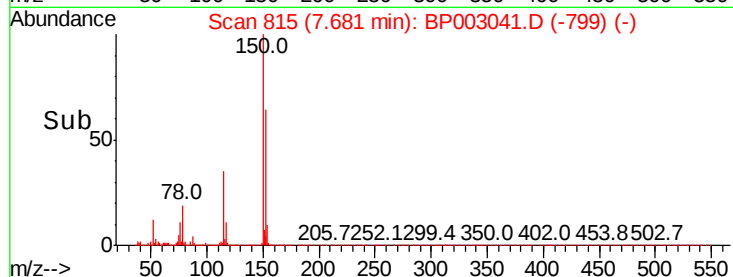
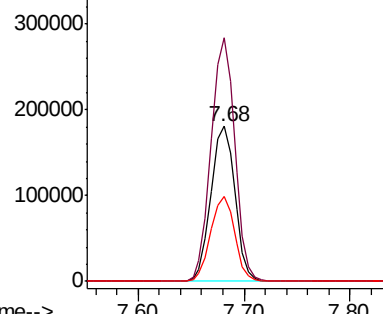
115 55.0 43.4 65.2



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: 95.061 ng

RT: 5.29 min Scan# 408

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

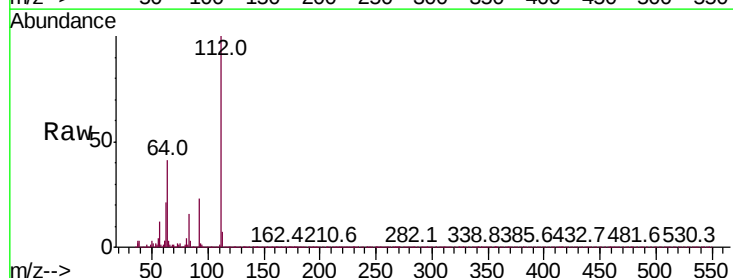
Tgt Ion:112 Resp: 1760635

Ion Ratio Lower Upper

112 100

64 40.9 33.4 50.2

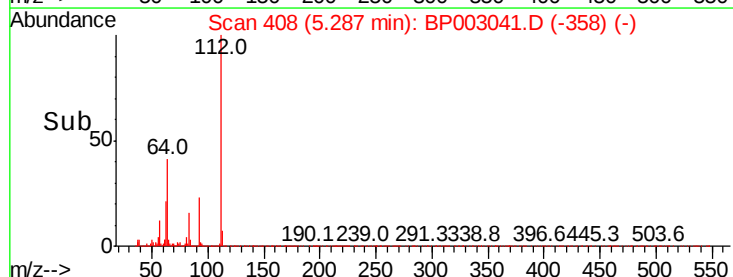
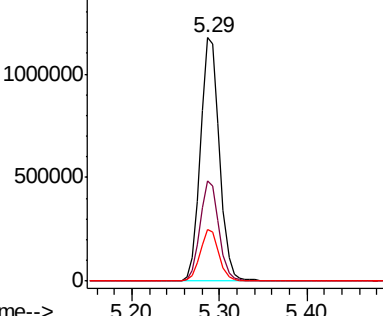
63 21.1 17.4 26.0

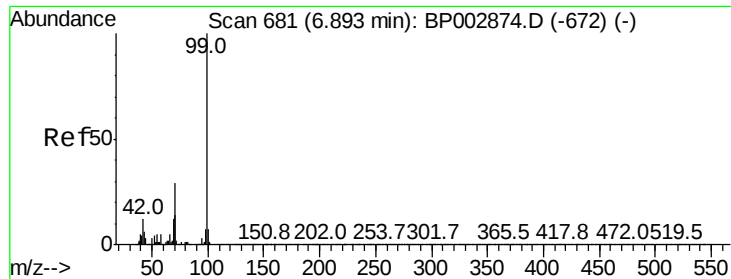


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 78.781 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Instrument :

BNA_P

ClientSampleId :

PB131076BL

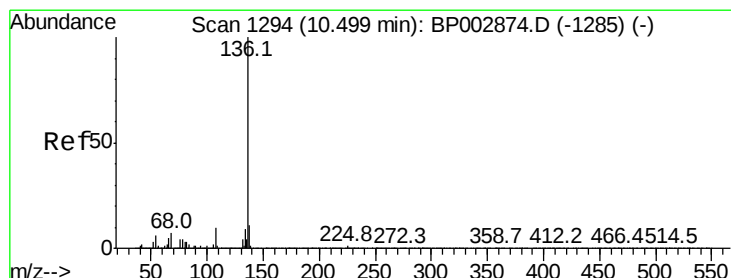
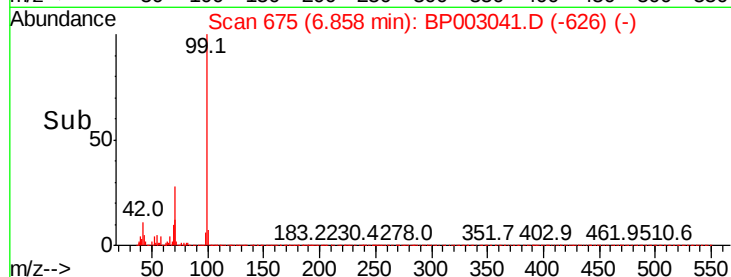
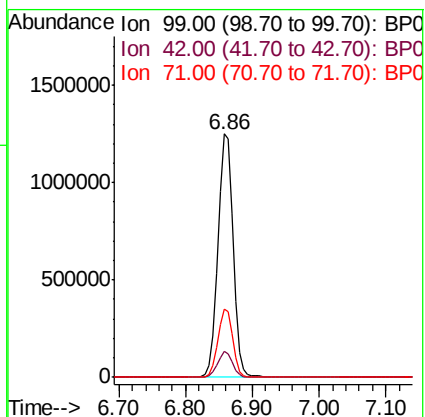
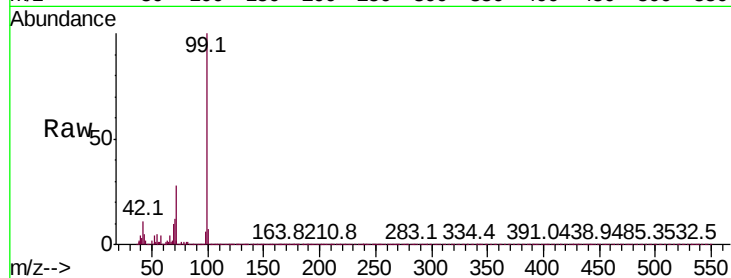
Tot Ion: 99 Resp: 2025801

Ion Ratio Lower Upper

99 100

42 10.6 8.0 12.0

71 28.0 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Tgt Ion: 136 Resp: 1149859

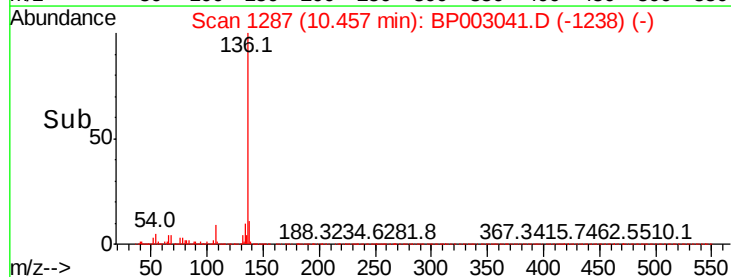
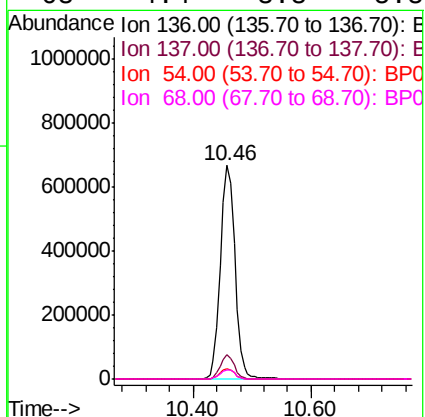
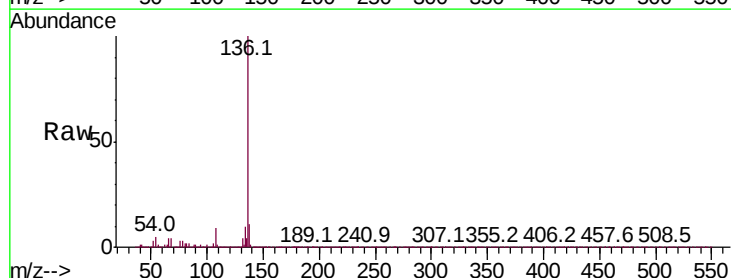
Ion Ratio Lower Upper

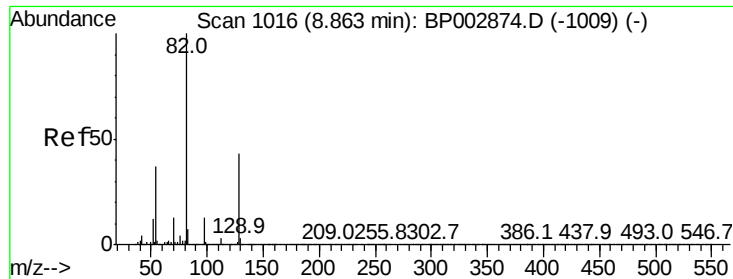
136 100

137 11.1 8.8 13.2

54 4.7 3.8 5.8

68 4.4 3.8 5.8





#23

Nitrobenzene-d5

Concen: 55.563 ng

RT: 8.82 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Instrument :

BNA_P

ClientSampleId :

PB131076BL

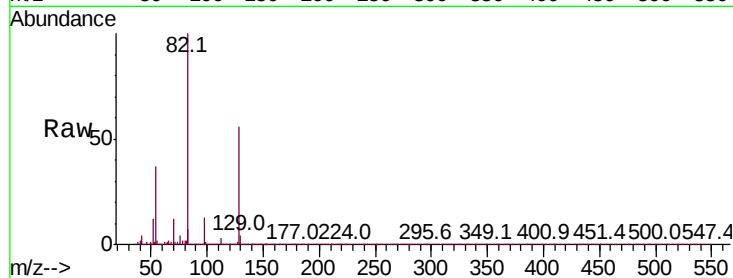
Tot Ion: 82 Resp: 1179596

Ion Ratio Lower Upper

82 100

128 55.8 45.1 67.7

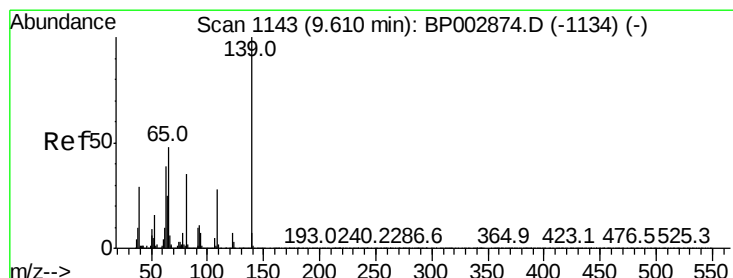
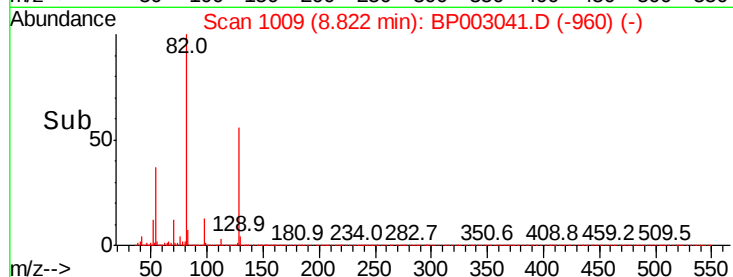
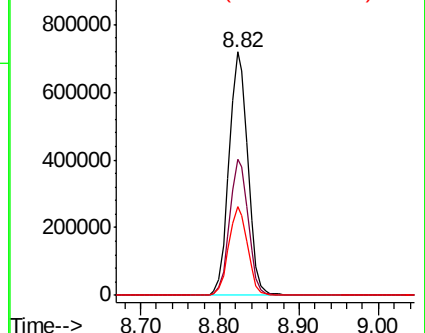
54 36.5 28.8 43.2



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: 4.524 ng

RT: 9.59 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

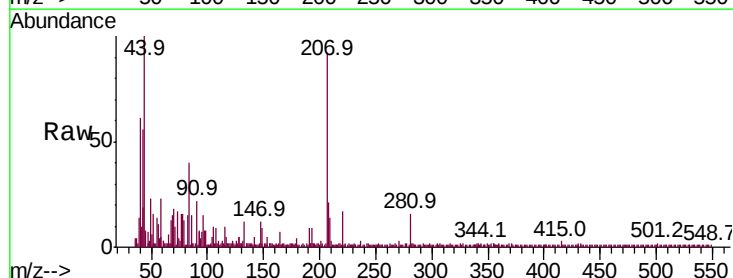
Tgt Ion: 139 Resp: 39

Ion Ratio Lower Upper

139 100

109 71.4 21.0 31.6#

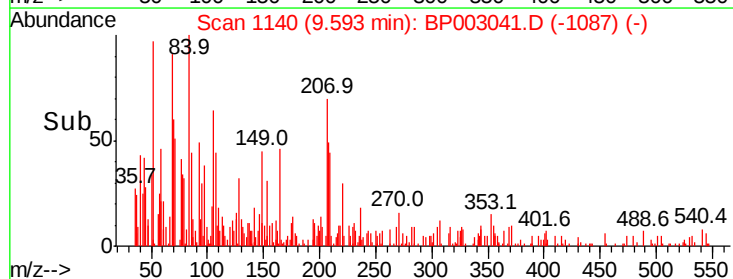
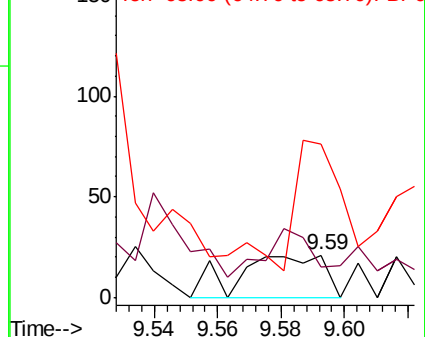
65 361.9 27.2 40.8#

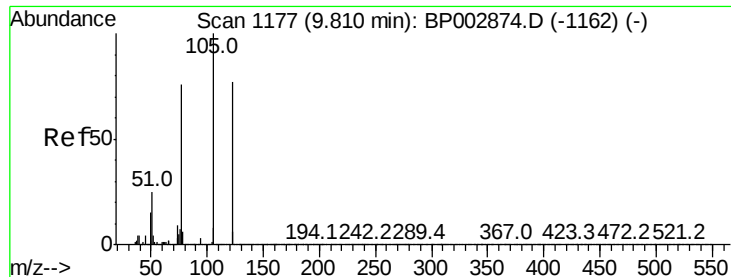


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

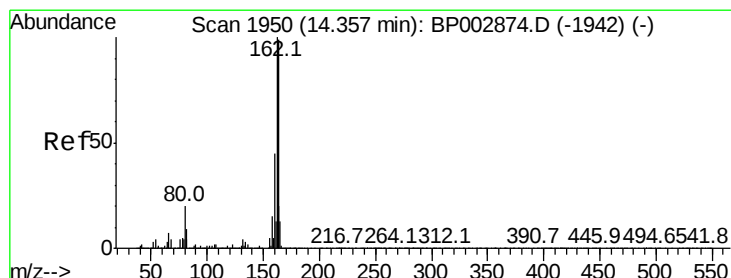
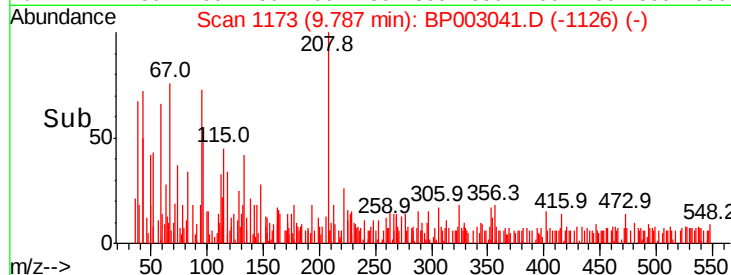
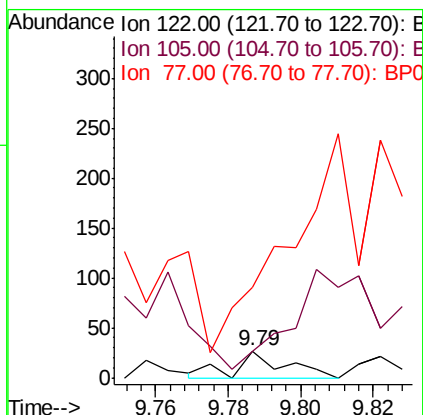
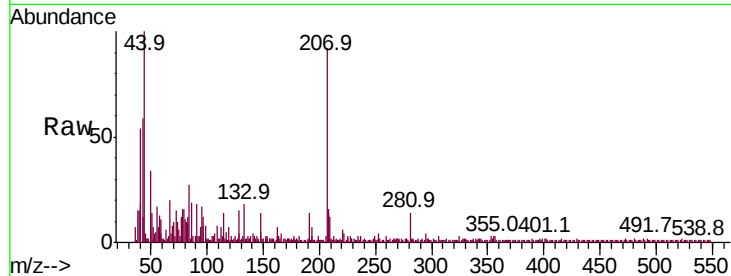




#32
Benzoic acid
Concen: 7.688 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

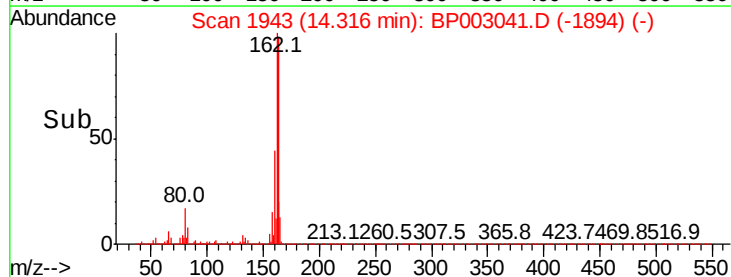
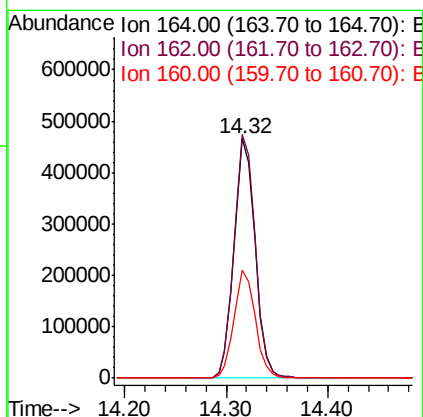
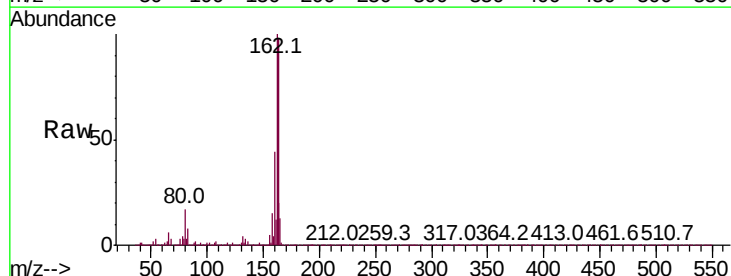
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ClientSampleId :
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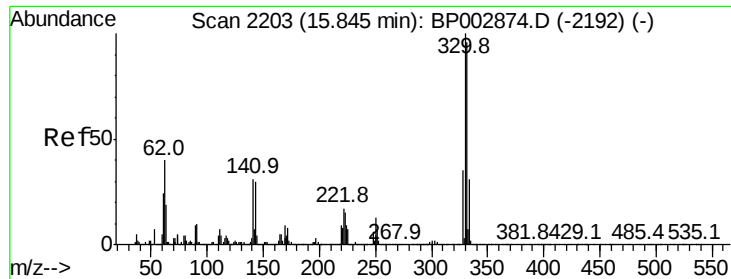
Tot Ion:122 Resp: 25
Ion Ratio Lower Upper
122 100
105 96.3 96.2 136.2
77 333.3 55.6 95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Tgt Ion:164 Resp: 674413
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.8 35.5 53.3

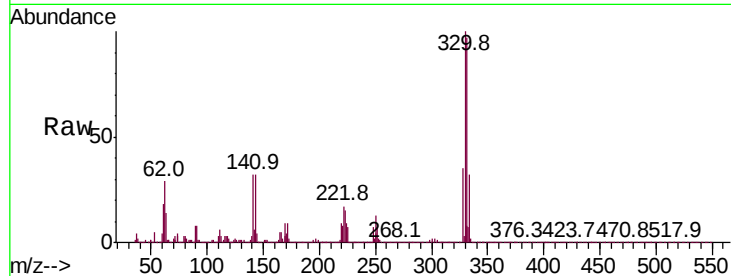




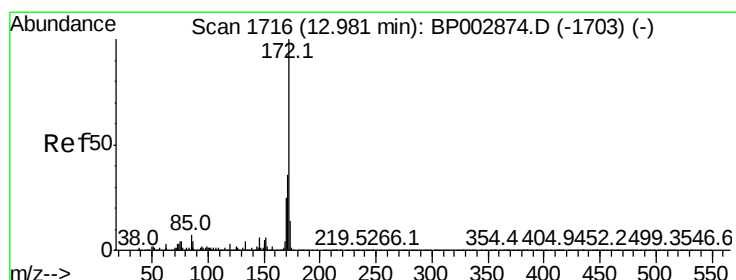
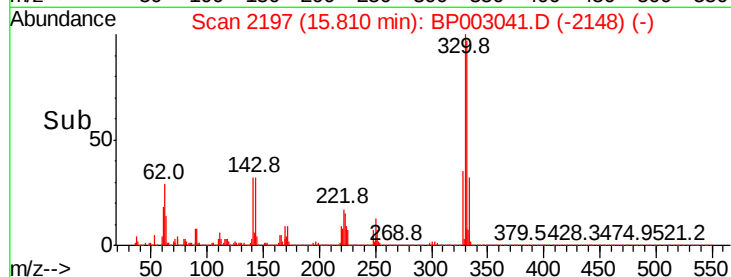
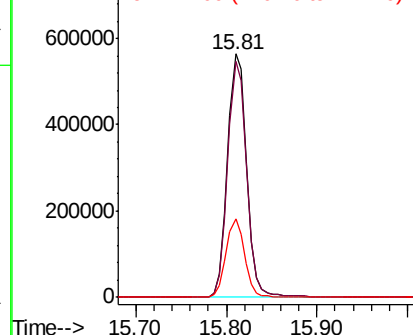
#42
2,4,6-Tribromophenol
Concen: 98.251 ng
RT: 15.81 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Instrument :
BNA_P
ClientSampleId :
PB131076BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.7	26.7	40.1

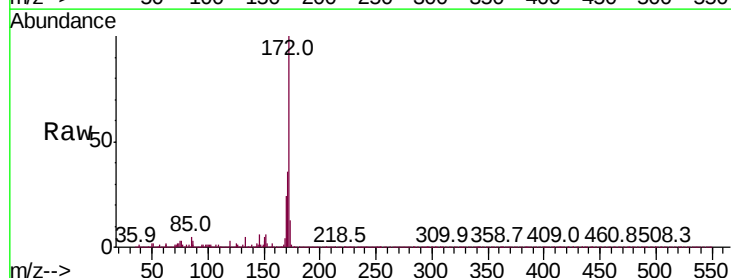


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

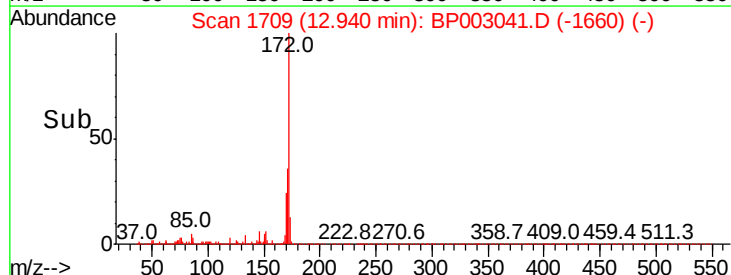
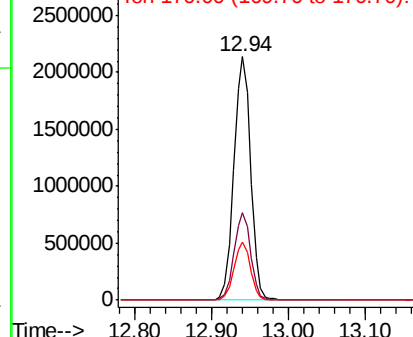


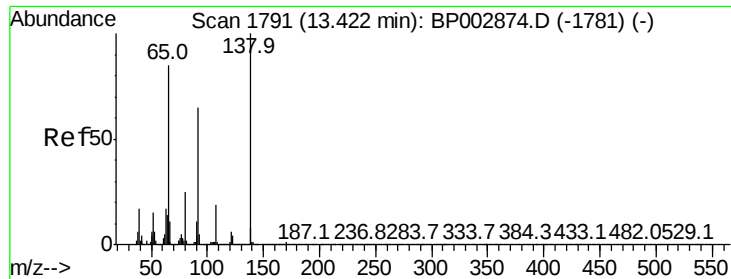
#45
2-Fluorobiphenyl
Concen: 66.073 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.7	19.1	28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

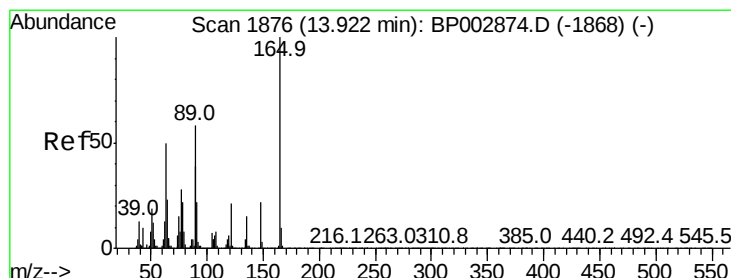
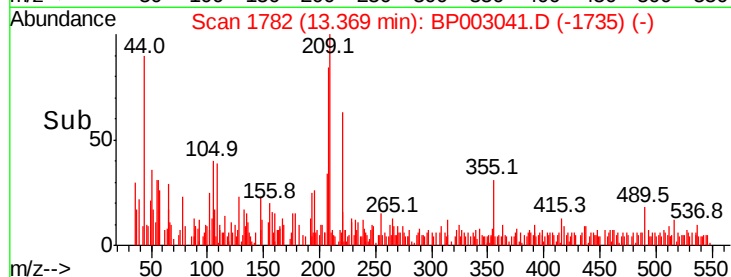
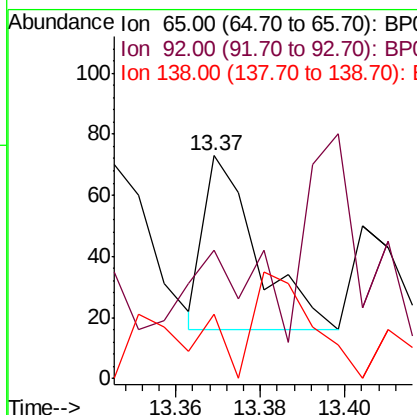
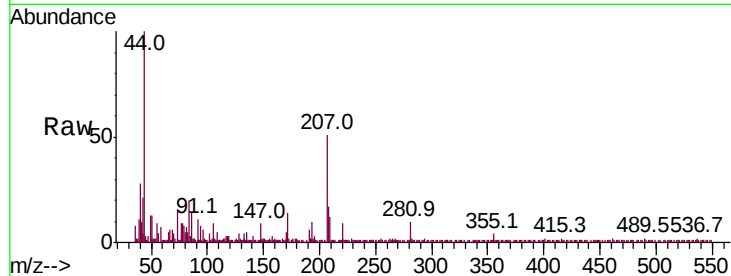




#48
2-Nitroaniline
Concen: 3.976 ng
RT: 13.37 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

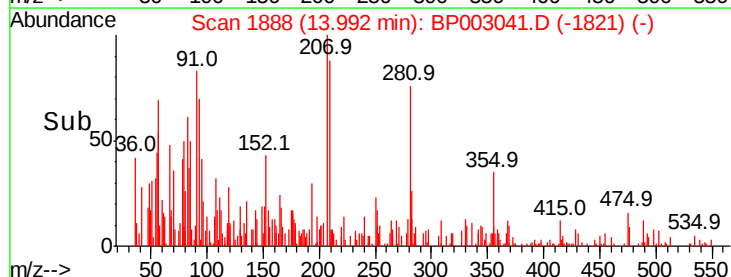
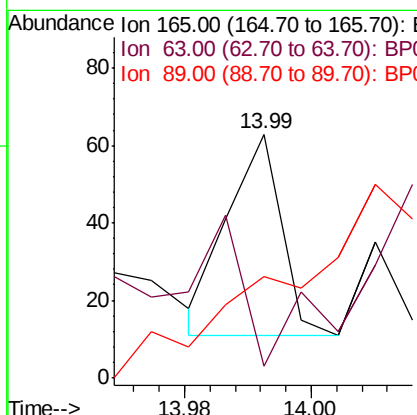
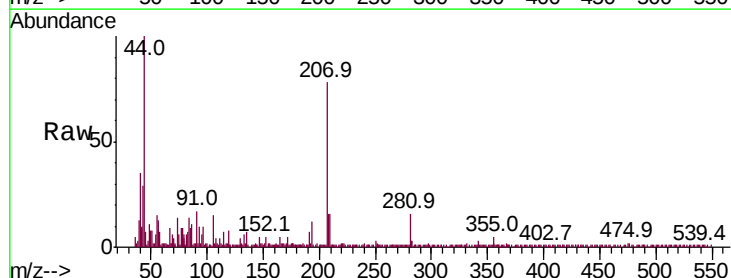
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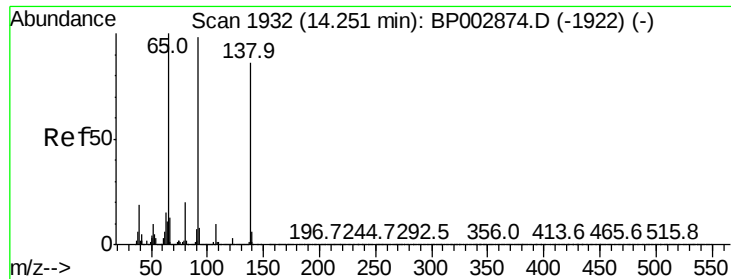
Tot Ion: 65 Resp: 49
Ion Ratio Lower Upper
65 100
92 57.5 70.1 105.1#
138 28.8 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.902 ng
RT: 13.99 min Scan# 1888
Delta R.T. 0.09 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Tgt Ion: 165 Resp: 30
Ion Ratio Lower Upper
165 100
63 36.5 28.1 42.1
89 41.3 34.5 51.7

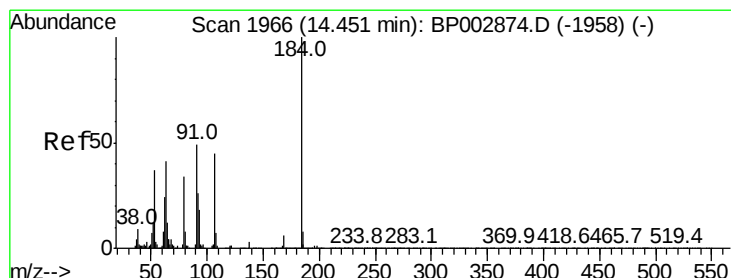
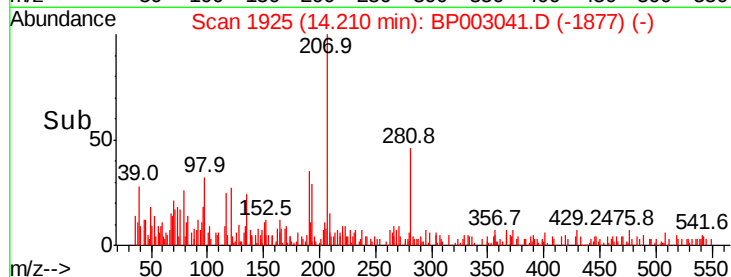
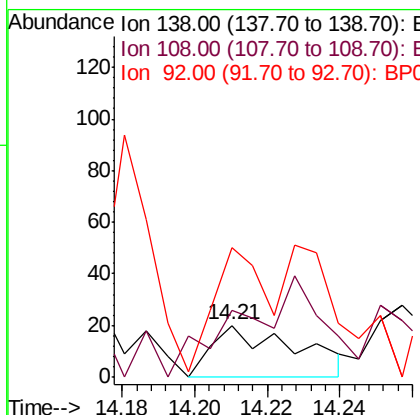
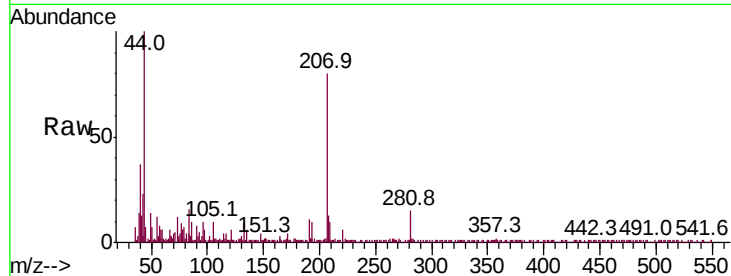




#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

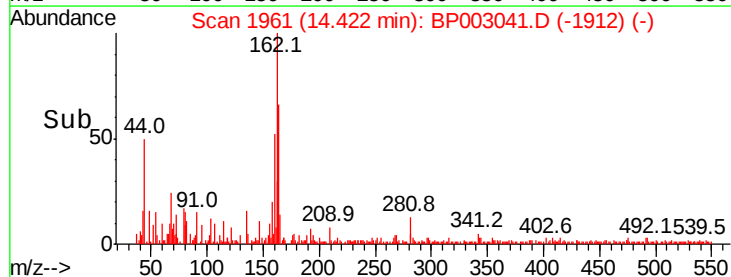
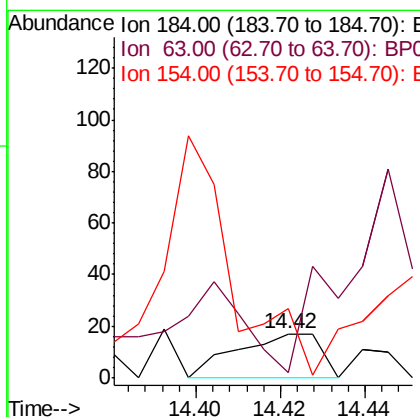
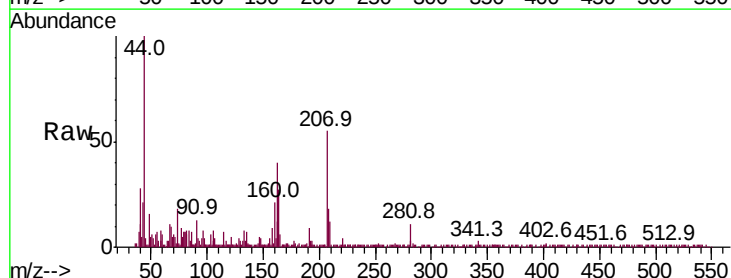
Instrument :
BNA_P
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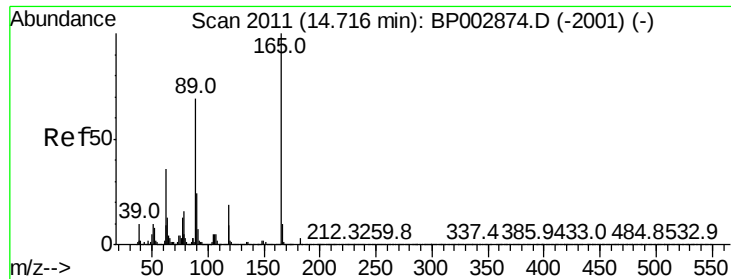
Tot Ion:138 Resp: 32
Ion Ratio Lower Upper
138 100
108 130.0 7.7 11.5#
92 250.0 75.6 113.4#



#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 52.9 33.0 49.6#
154 158.8 46.8 70.2#

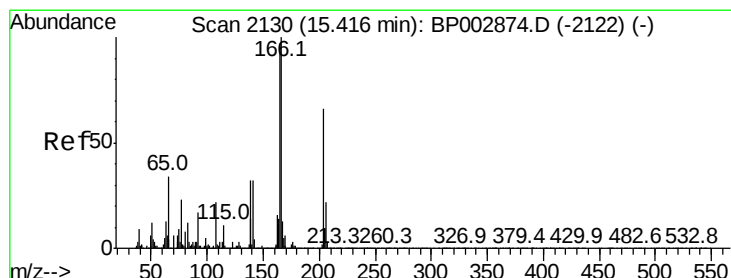
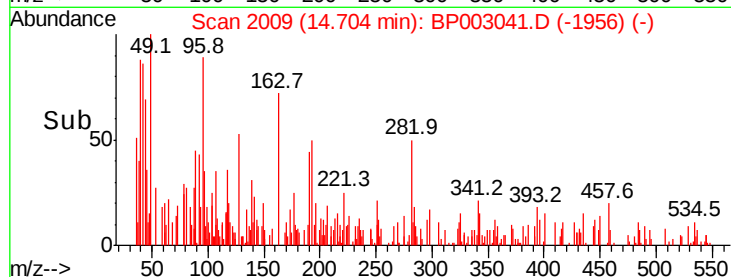
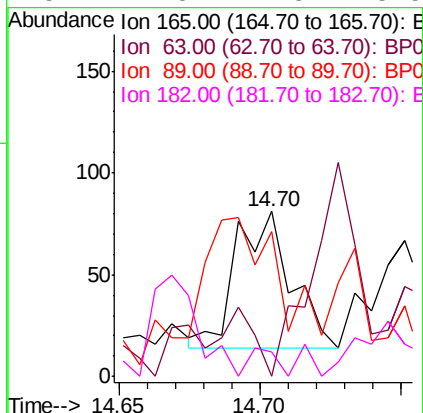
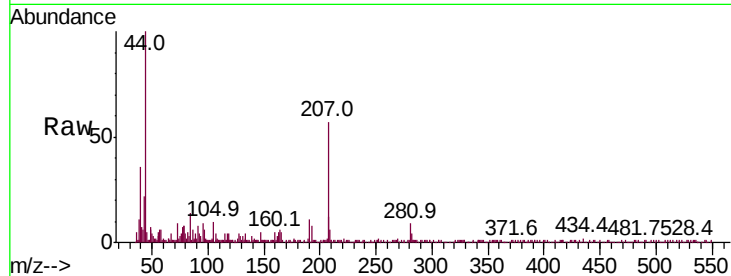




#57
 2,4-Dinitrotoluene
 Concen: 3.811 ng
 RT: 14.70 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

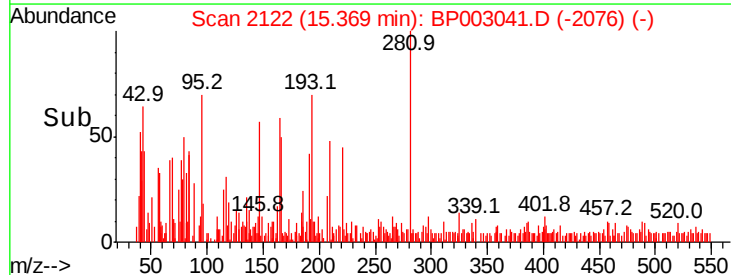
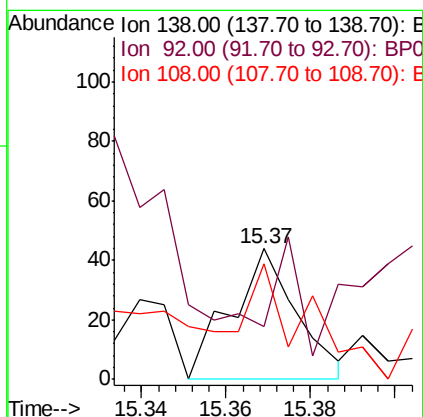
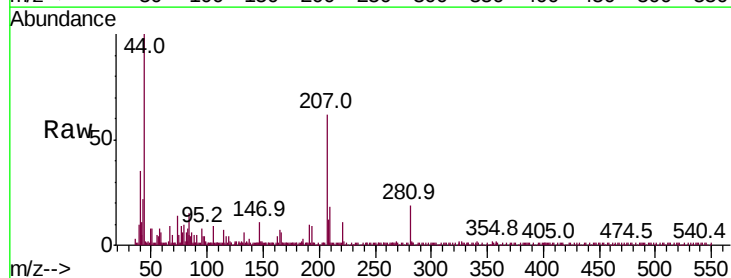
Instrument :
 BNA_P
 ClientSampleId :
 PB131076BL

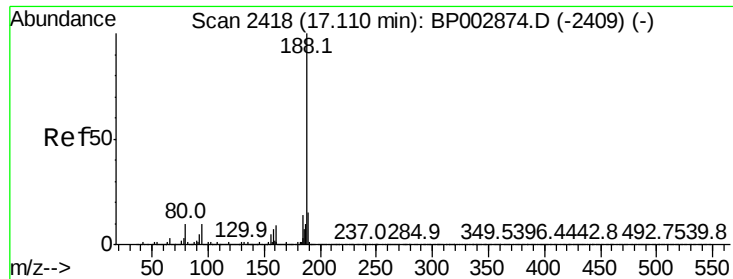
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	20.6	31.0#
89	87.7	43.4	65.0#
182	14.8	2.3	3.5#



#62
 4-Nitroaniline
 Concen: 2.420 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.03 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.9	21.4	61.4
108	88.6	40.8	80.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

Instrument :

BNA_P

ClientSampleId :

PB131076BL

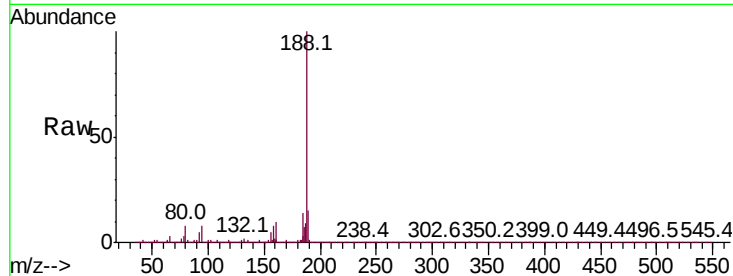
Tot Ion:188 Resp: 1298018

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

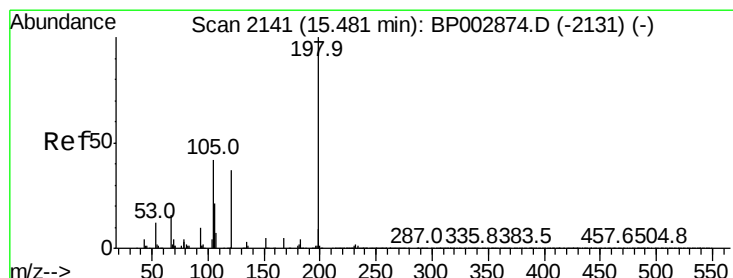
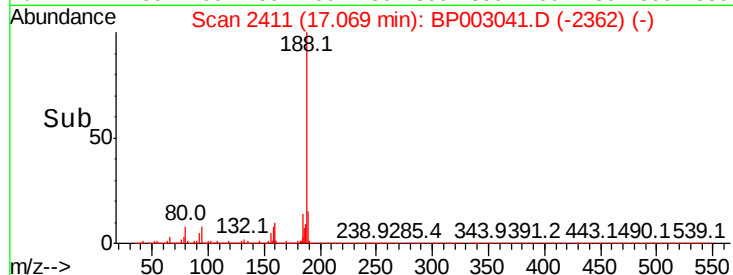
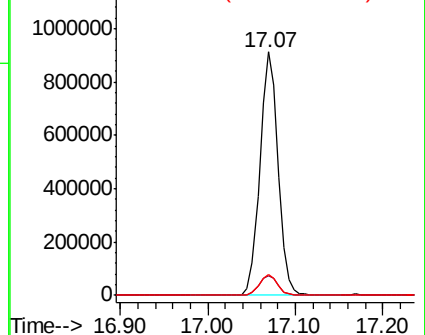
80 8.4 6.7 10.1



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: 6.902 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BP003041.D

Acq: 19 Aug 2020 20:03

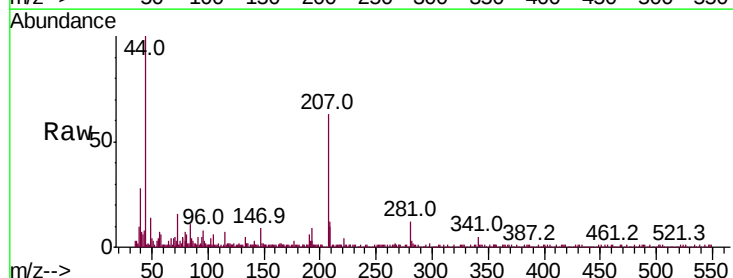
Tgt Ion:198 Resp: 16

Ion Ratio Lower Upper

198 100

51 224.0 6.2 46.2#

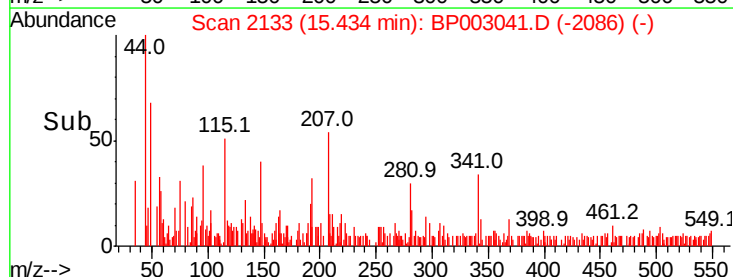
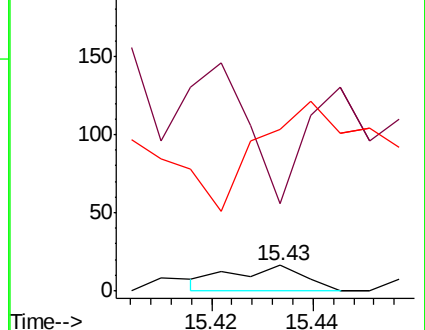
105 412.0 19.9 59.9#

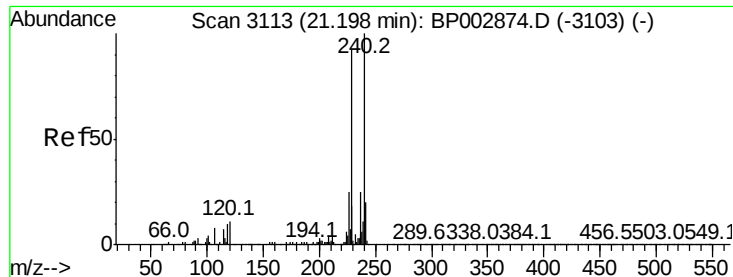


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

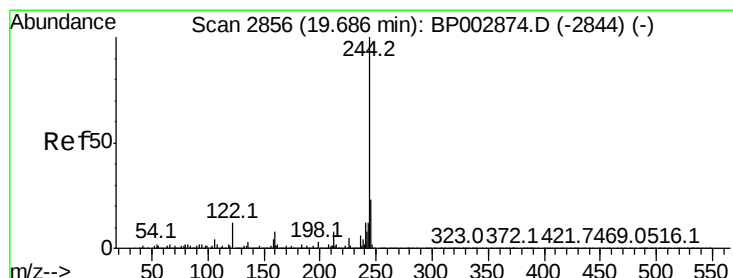
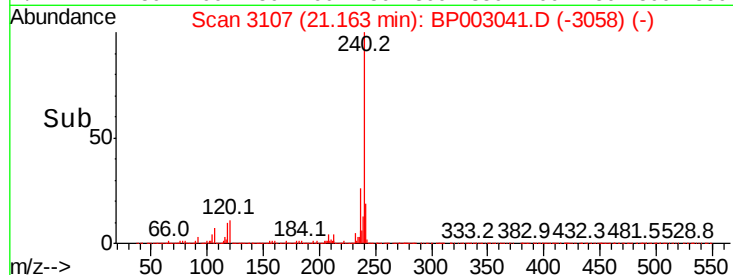
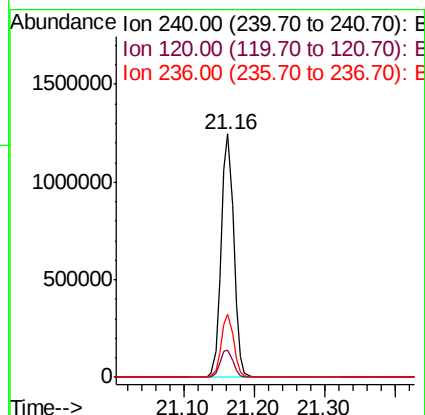
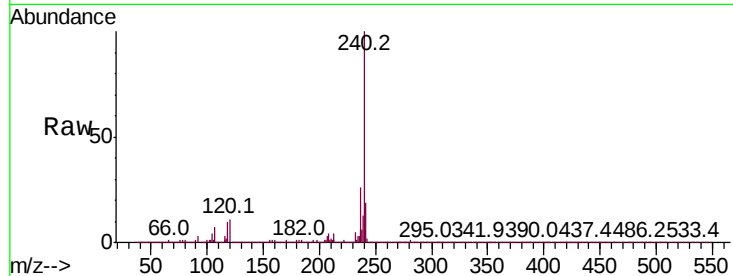




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

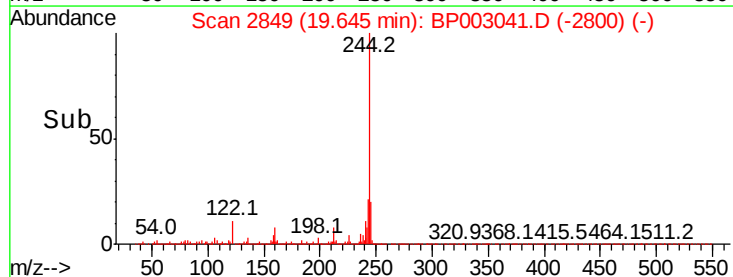
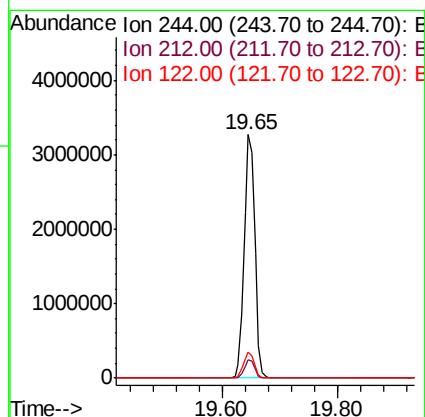
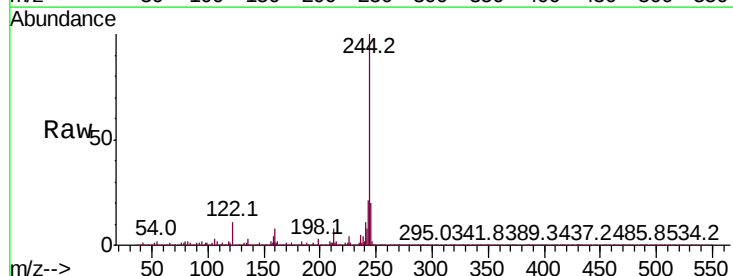
Instrument :
 BNA_P
 ClientSampleId :
 PB131076BL

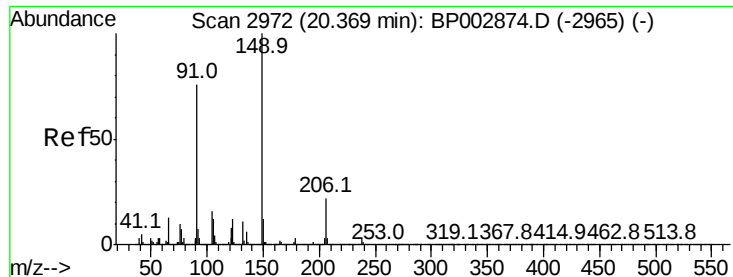
Tot Ion:240 Resp: 1547864
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 54.009 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

Tgt Ion:244 Resp: 4175814
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 10.7 8.7 13.1

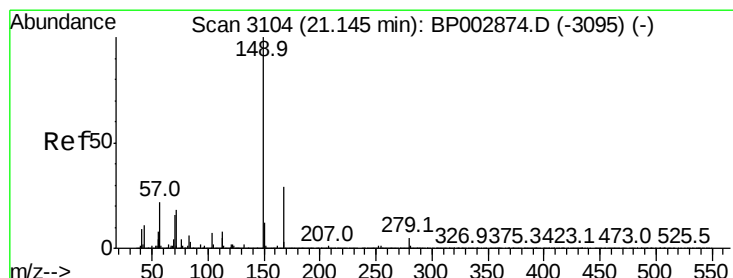
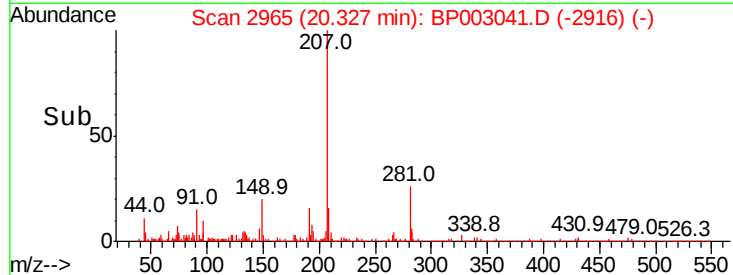
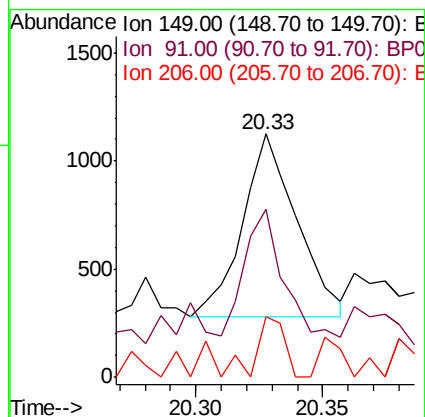
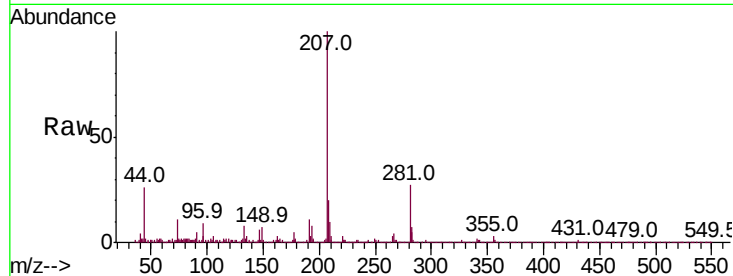




#80
 Butylbenzylphthalate
 Concen: 3.084 ng
 RT: 20.33 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

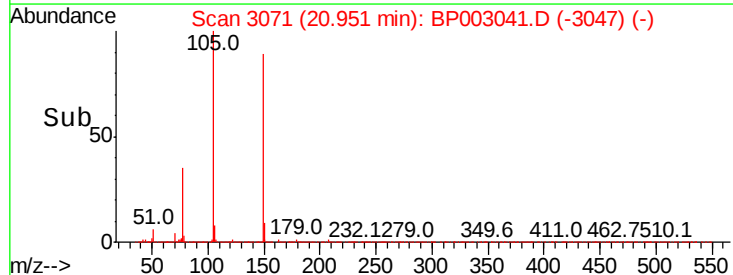
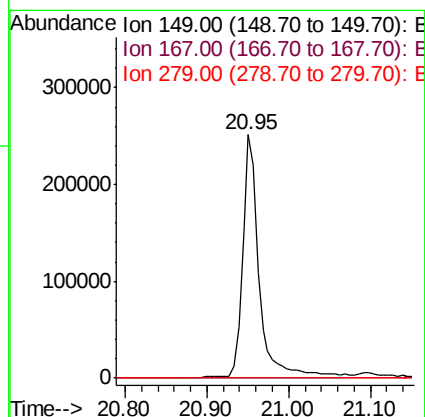
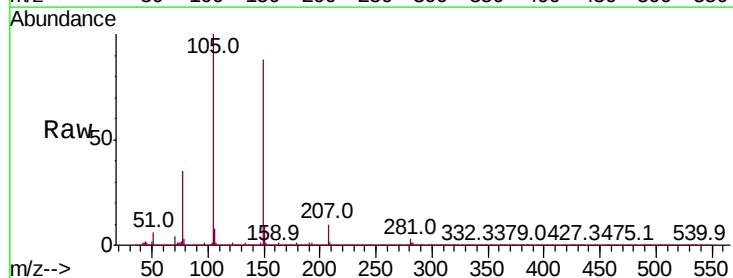
Instrument :
 BNA_P
 ClientSampleId :
 PB131076BL

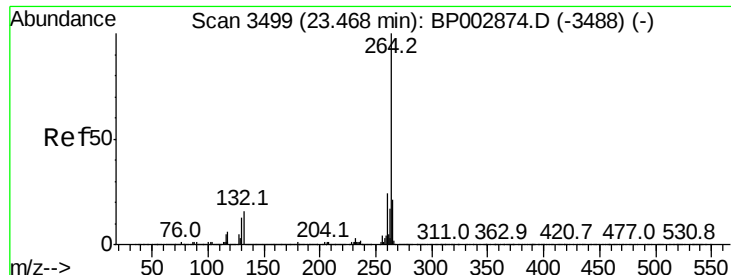
Tot Ion:149 Resp: 1249
 Ion Ratio Lower Upper
 149 100
 91 69.1 45.3 67.9#
 206 24.9 17.5 26.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.792 ng
 RT: 20.95 min Scan# 3071
 Delta R.T. -0.16 min
 Lab File: BP003041.D
 Acq: 19 Aug 2020 20:03

Tgt Ion:149 Resp: 346849
 Ion Ratio Lower Upper
 149 100
 167 0.1 22.9 34.3#
 279 0.0 3.8 5.8#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003041.D
Acq: 19 Aug 2020 20:03

Instrument :
BNA_P
ClientSampleId :
PB131076BL

Tot Ion:264 Resp: 1629824

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.3	25.9

