

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003061.D
 Acq On : 20 Aug 2020 12:26
 Operator : CG/JU
 Sample : PB131060TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131060TB

Quant Time: Aug 20 14:41:13 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	392137	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1521054	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	856960	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1695239	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1218893	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1161310	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2304936	89.96	ng	0.00
7) Phenol-d6	6.86	99	2663283	74.87	ng	0.00
23) Nitrobenzene-d5	8.83	82	1544711	55.00	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1123760	105.51	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	4181144	66.66	ng	-0.01
79) Terphenyl-d14	19.65	244	4967440	81.59	ng	-0.01

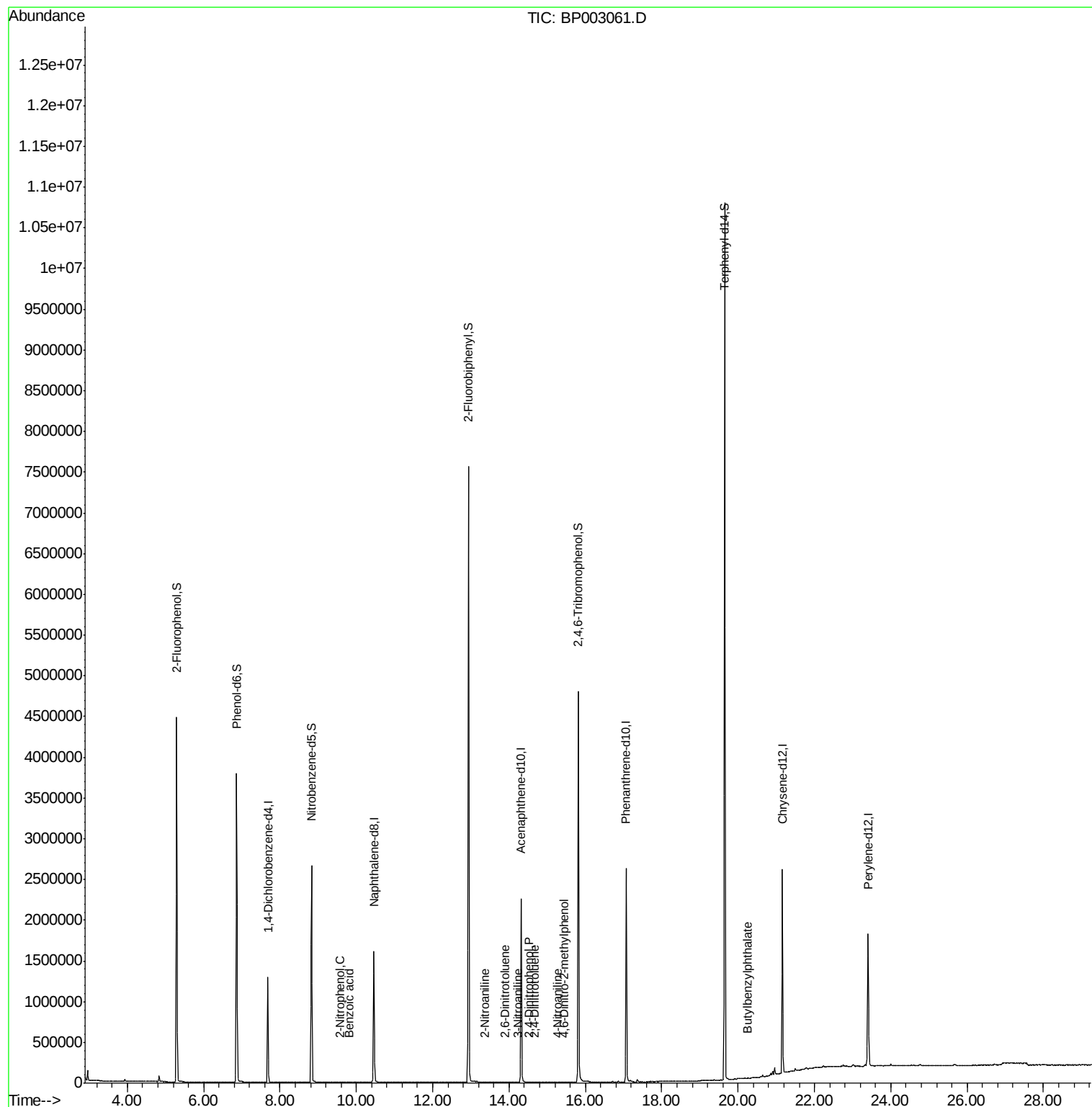
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	28	4.522	ng	# 79
32) Benzoic acid	9.80	122	26	7.688	ng	# 1
48) 2-Nitroaniline	13.37	65	41	3.974	ng	# 16
51) 2,6-Dinitrotoluene	13.91	165	42	2.902	ng	# 1
53) 3-Nitroaniline	14.22	138	36	3.276	ng	# 20
54) 2,4-Dinitrophenol	14.52	184	32	8.062	ng	# 89
57) 2,4-Dinitrotoluene	14.67	165	12	3.806	ng	# 44
62) 4-Nitroaniline	15.27	138	20	2.417	ng	# 95
65) 4,6-Dinitro-2-methylphenol	15.44	198	43	6.904	ng	# 1
80) Butylbenzylphthalate	20.25	149	130	3.061	ng	# 94

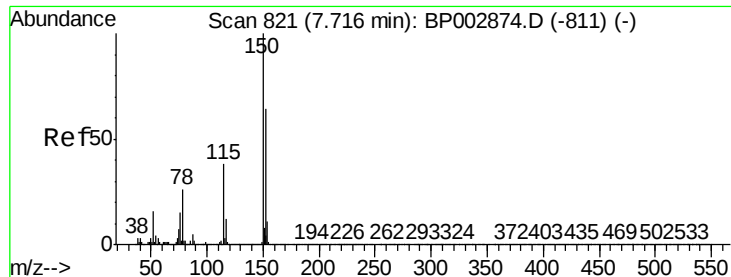
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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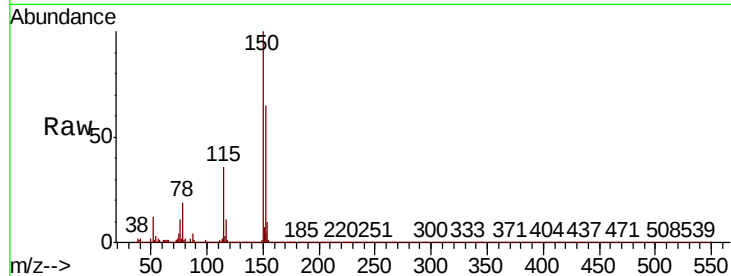


#1

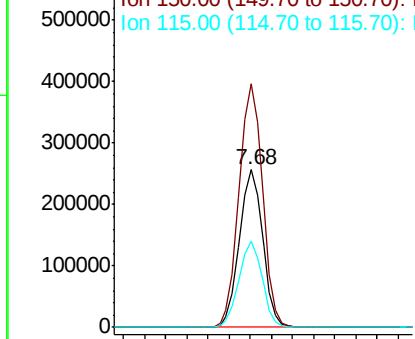
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Instrument :
BNA_P
ClientSampleId :
PB131060TB

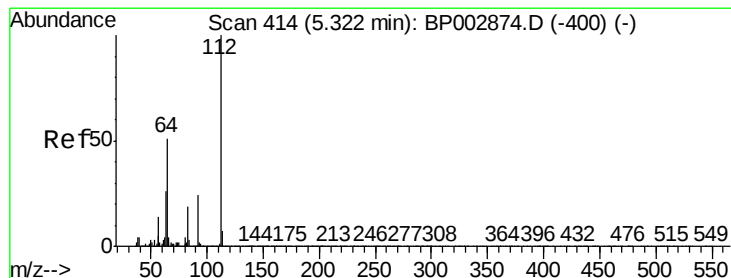
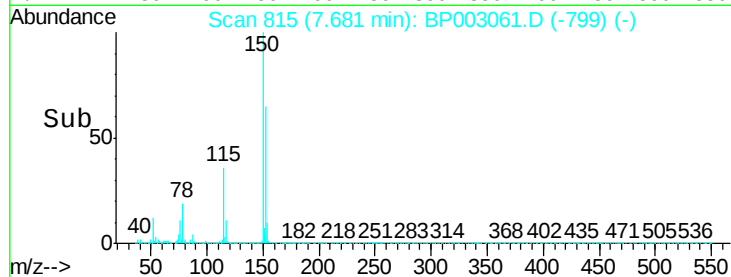
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.1	189.1
115	54.9	43.4	65.2



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



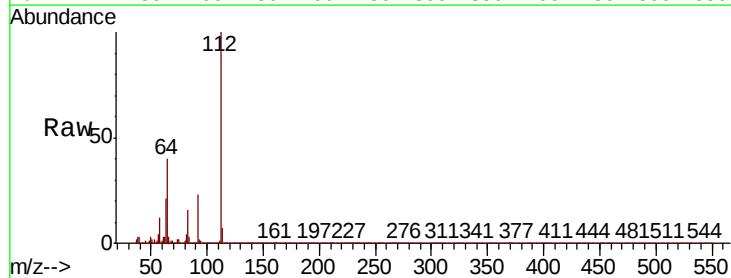
Time-->



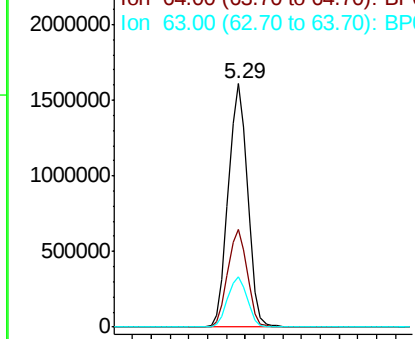
#5

2-Fluorophenol
Concen: 89.961 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

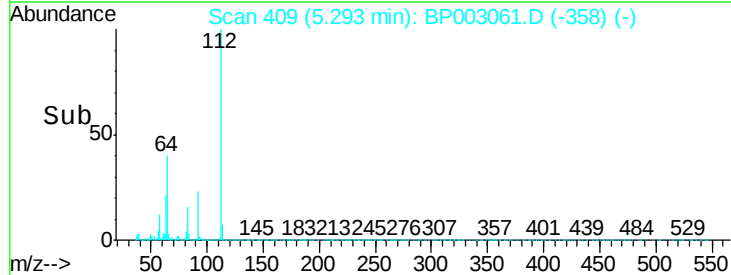
Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.9	33.4	50.2
63	20.7	17.4	26.0

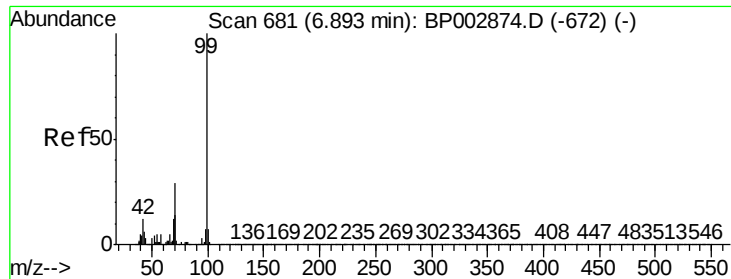


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0



Time-->





#7

Phenol-d6

Concen: 74.870 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003061.D

Acq: 20 Aug 2020 12:26

Instrument :

BNA_P

ClientSampleId :

PB131060TB

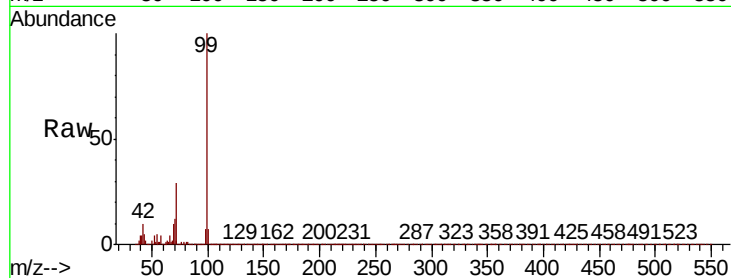
Tot Ion: 99 Resp: 2663283

Ion Ratio Lower Upper

99 100

42 10.4 8.0 12.0

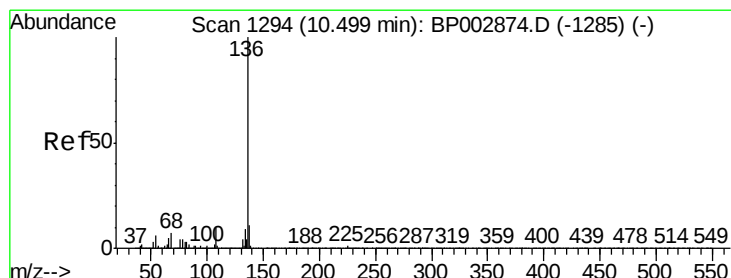
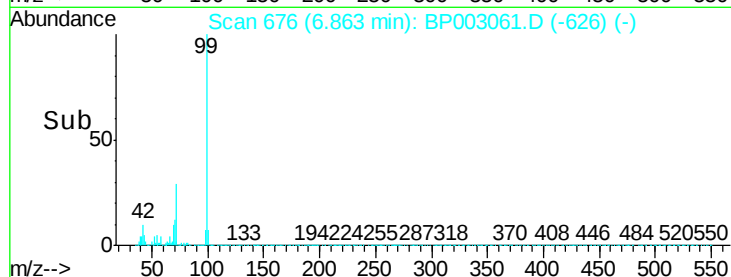
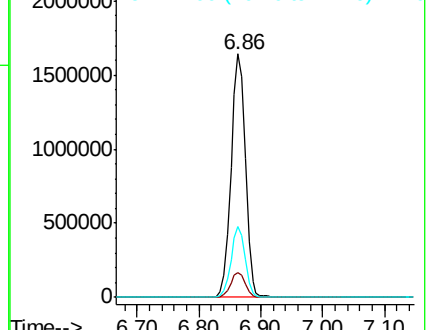
71 28.9 21.3 31.9



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: BP003061.D

Acq: 20 Aug 2020 12:26

Tgt Ion: 136 Resp: 1521054

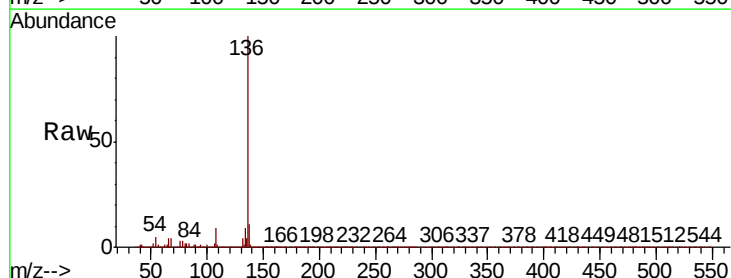
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.6 3.8 5.8

68 4.3 3.8 5.8

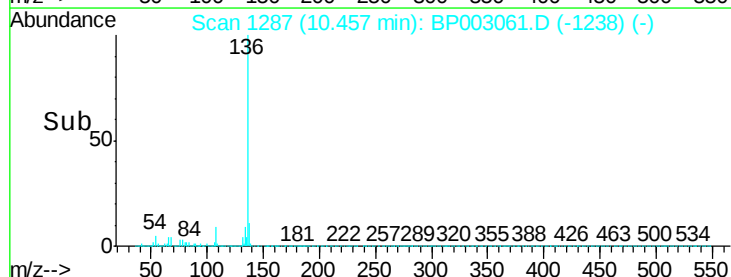
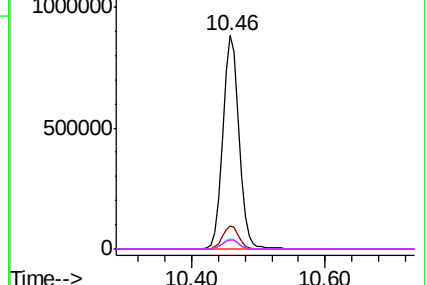


Abundance Ion 136.00 (135.70 to 136.70): E

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

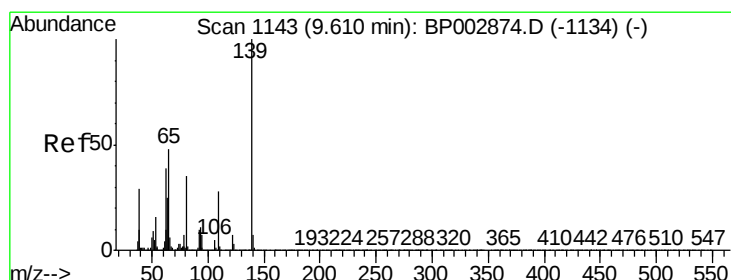
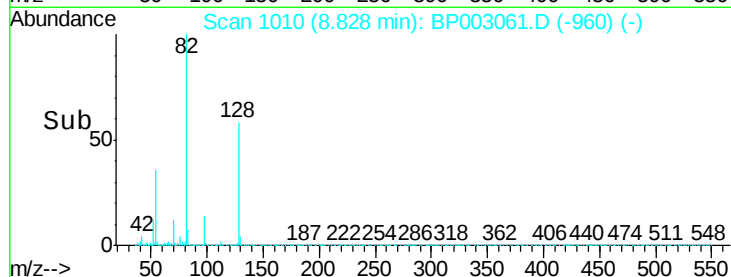
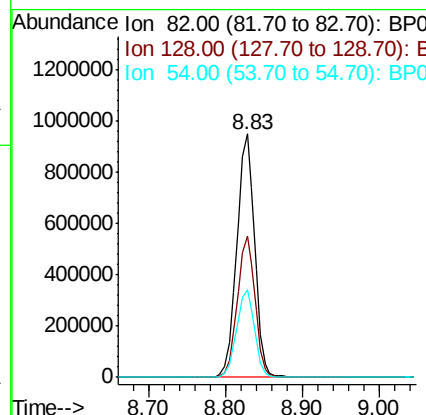
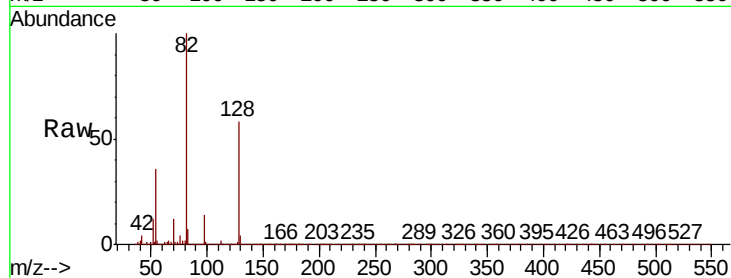




#23
Nitrobenzene-d5
Concen: 55.005 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

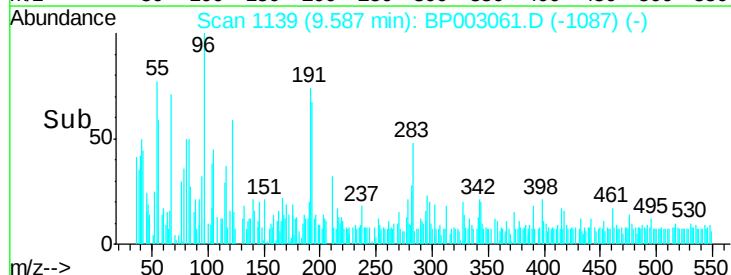
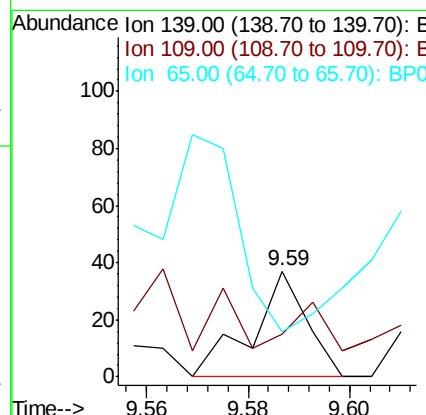
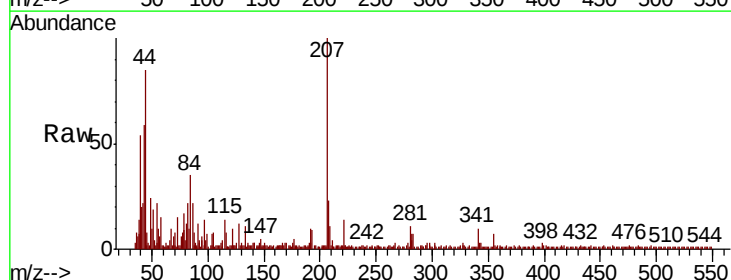
Instrument :
BNA_P
ClientSampleId :
PB131060TB

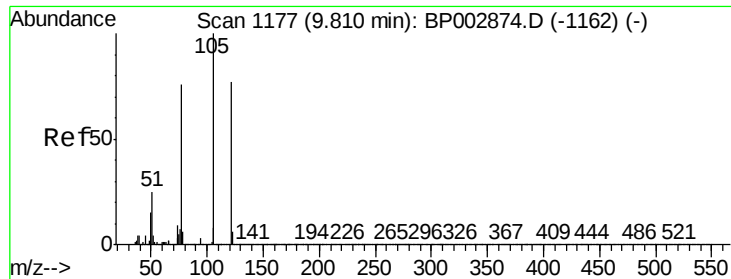
Tot Ion: 82 Resp: 1544711
Ion Ratio Lower Upper
82 100
128 58.2 45.1 67.7
54 36.0 28.8 43.2



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.59 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Tgt Ion: 139 Resp: 28
Ion Ratio Lower Upper
139 100
109 40.5 21.0 31.6#
65 43.2 27.2 40.8#

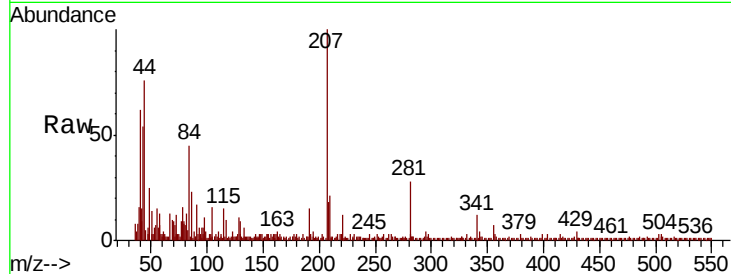




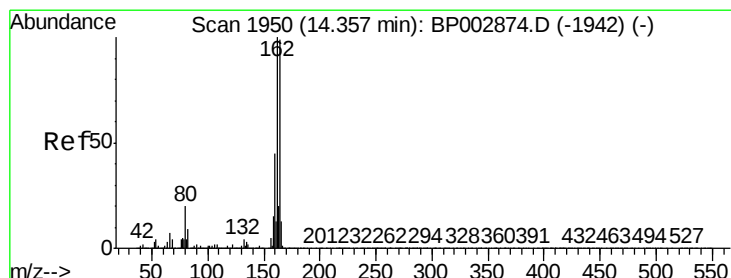
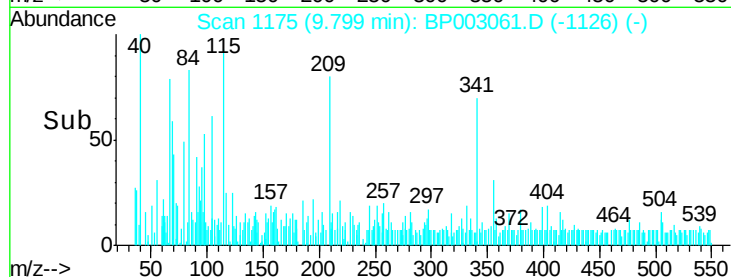
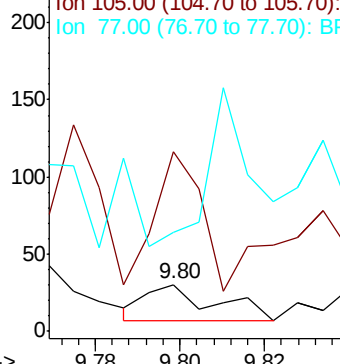
#32
Benzoic acid
Concen: 7.688 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Instrument :
BNA_P
ClientSampleId :
PB131060TB

Tot Ion	Ratio	Lower	Upper
122	100		
105	386.7	96.2	136.2#
77	213.3	55.6	95.6#

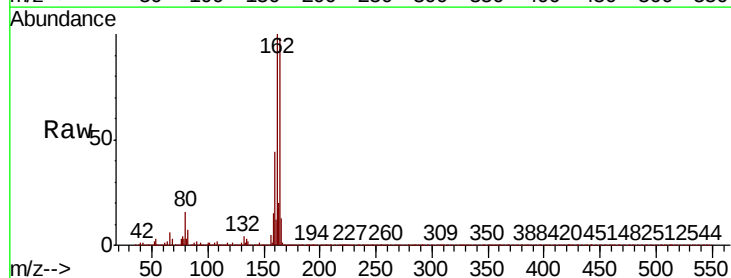


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

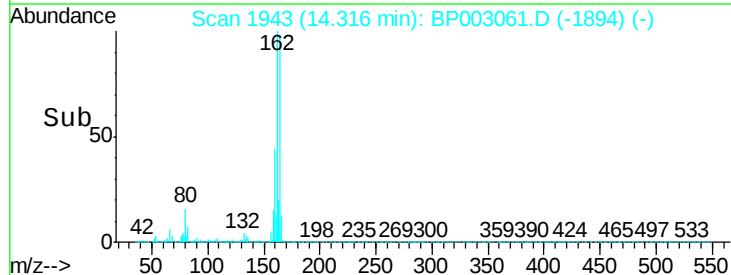
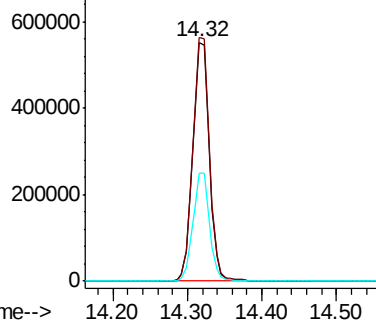


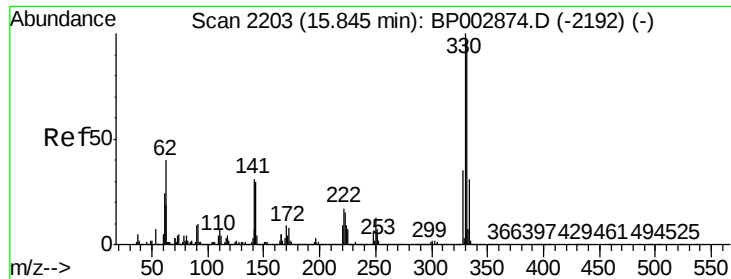
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	45.1	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

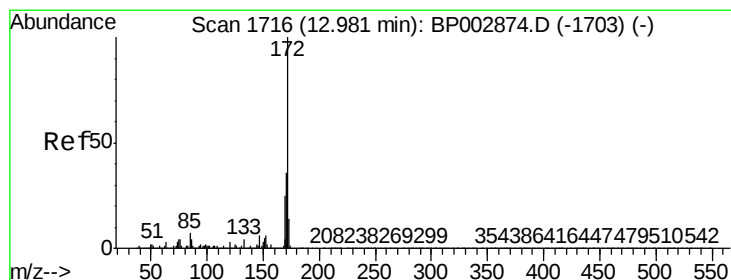
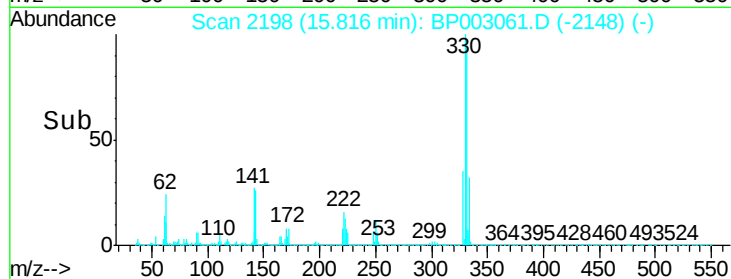
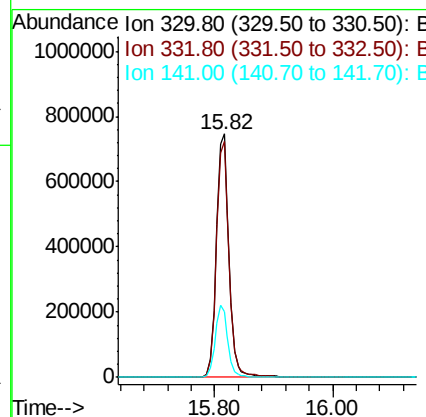
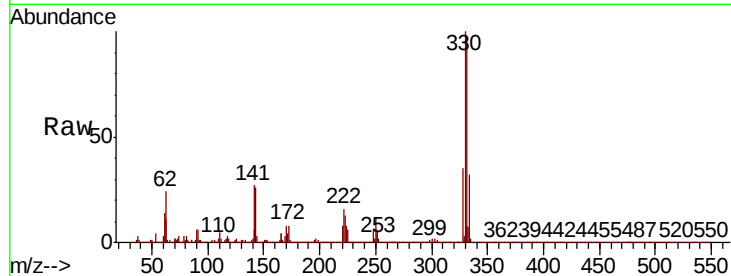




#42
2,4,6-Tribromophenol
Concen: 105.507 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

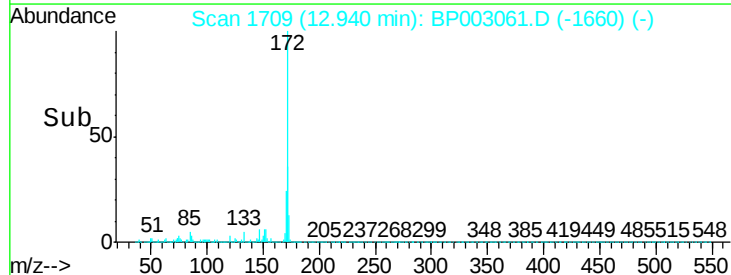
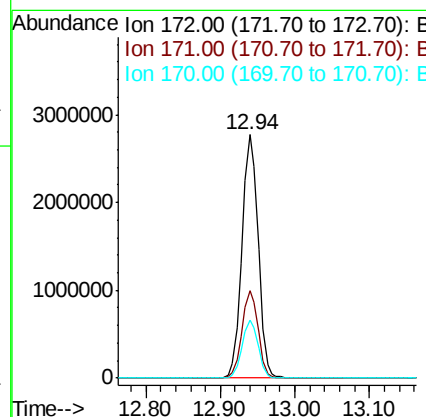
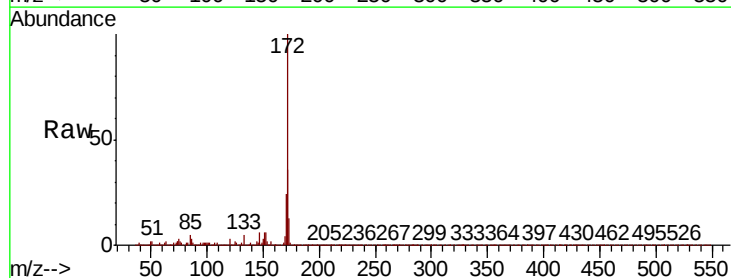
Instrument :
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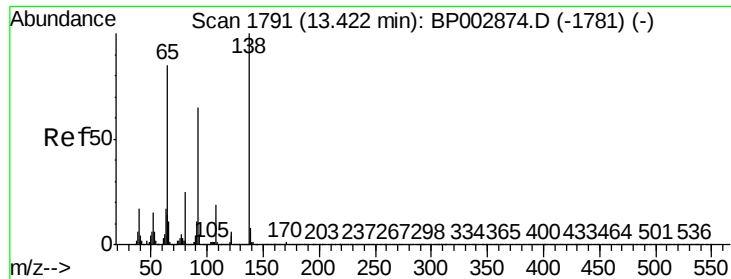
Tot Ion:330 Resp: 1123760
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 29.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 66.662 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Tgt Ion:172 Resp: 4181144
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.1 28.7

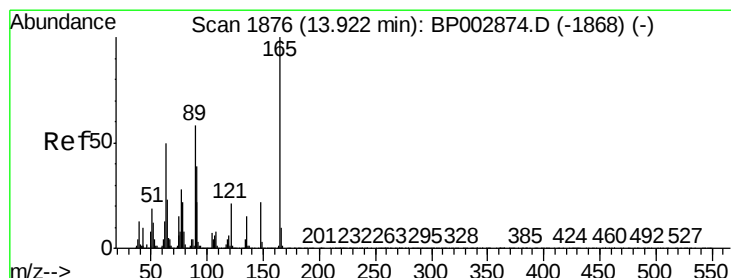
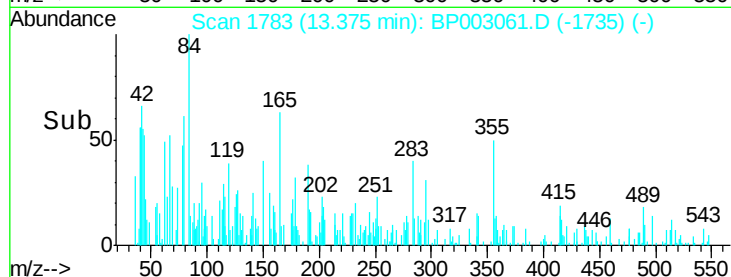
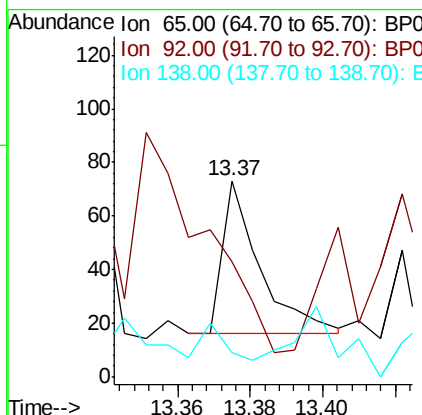
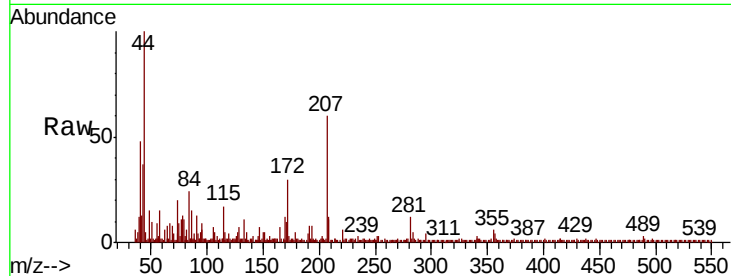




#48
2-Nitroaniline
Concen: 3.974 ng
RT: 13.37 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

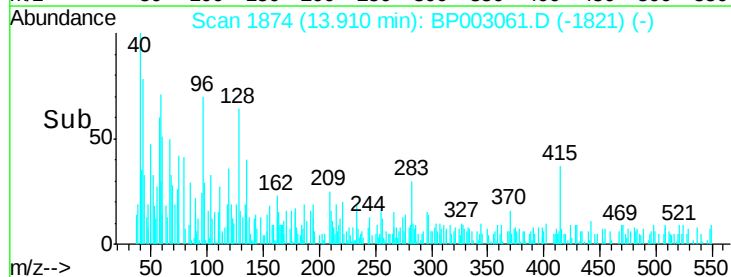
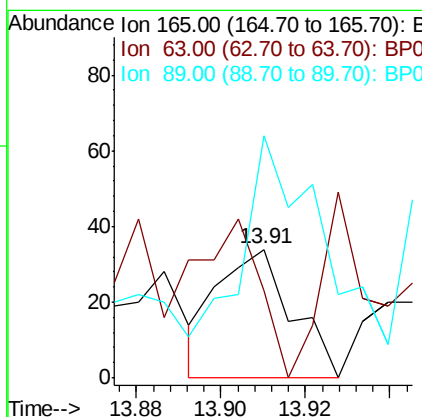
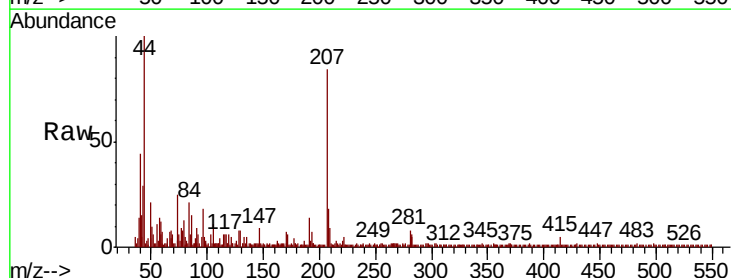
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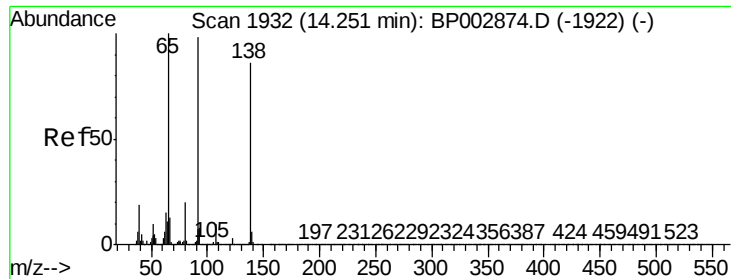
Tot Ion: 65 Resp: 41
Ion Ratio Lower Upper
65 100
92 58.9 70.1 105.1#
138 12.3 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.902 ng
RT: 13.91 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Tgt Ion: 165 Resp: 42
Ion Ratio Lower Upper
165 100
63 67.6 28.1 42.1#
89 188.2 34.5 51.7#

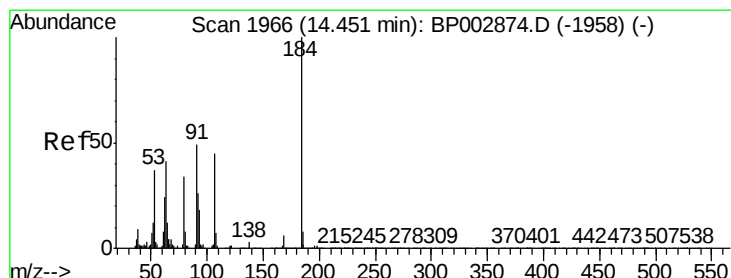
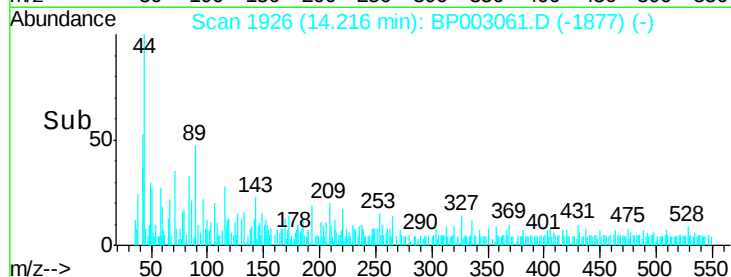
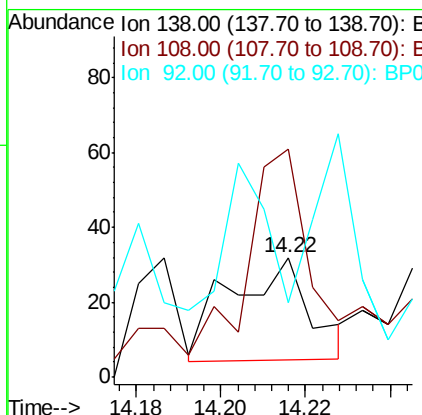
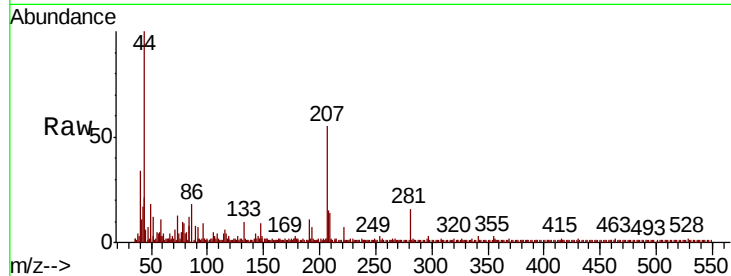




#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

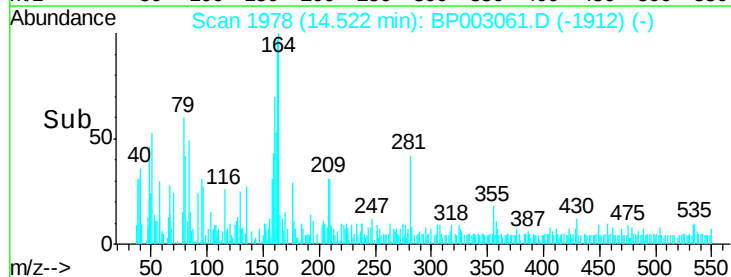
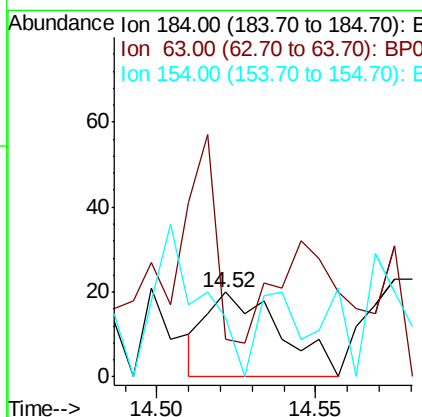
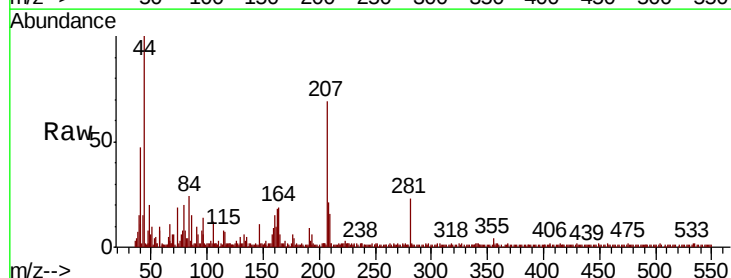
Instrument :
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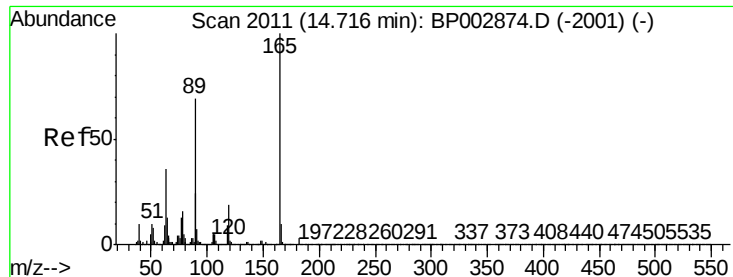
Tot Ion:138 Resp: 36
Ion Ratio Lower Upper
138 100
108 190.6 7.7 11.5#
92 131.3 75.6 113.4#



#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.52 min Scan# 1978
Delta R.T. 0.09 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Tgt Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 45.0 33.0 49.6
154 70.0 46.8 70.2

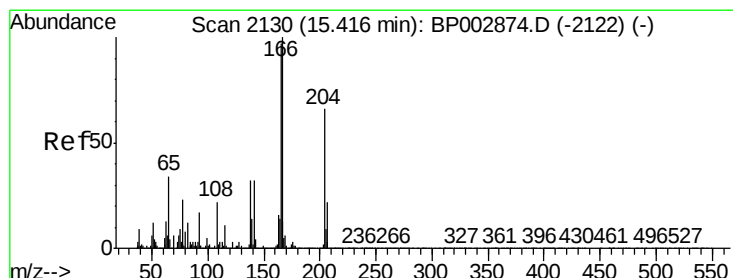
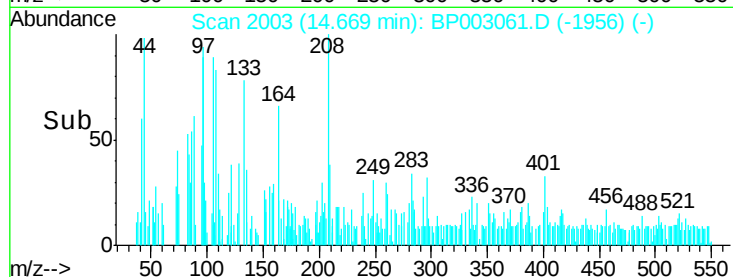
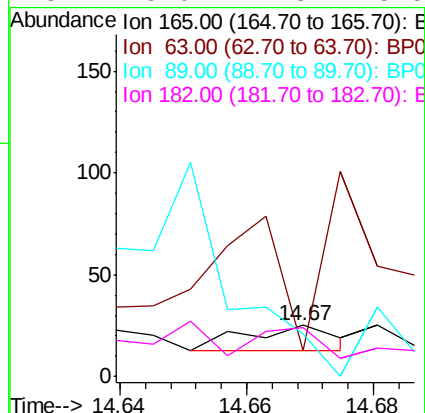
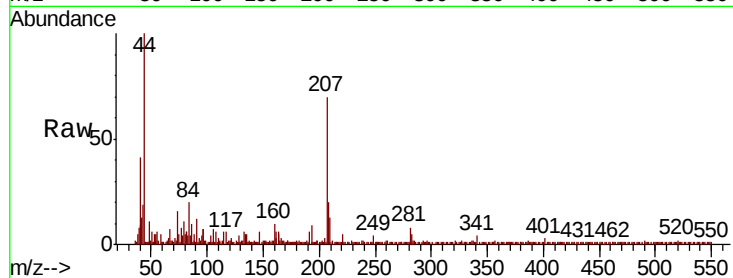




#57
2,4-Dinitrotoluene
Concen: 3.806 ng
RT: 14.67 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

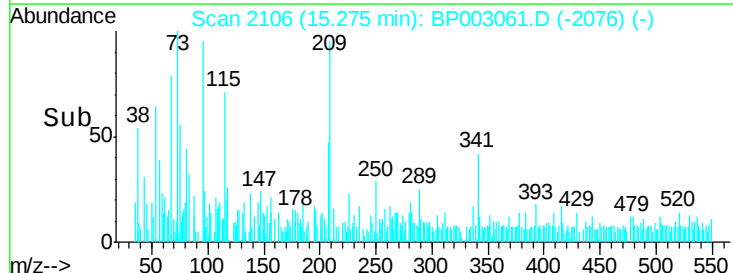
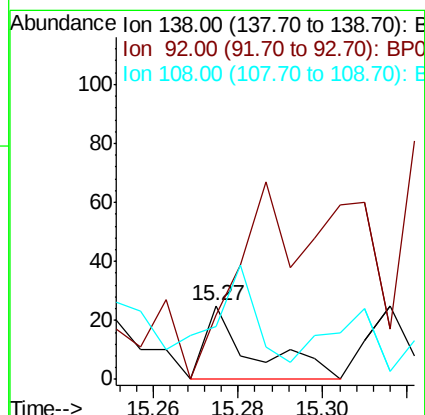
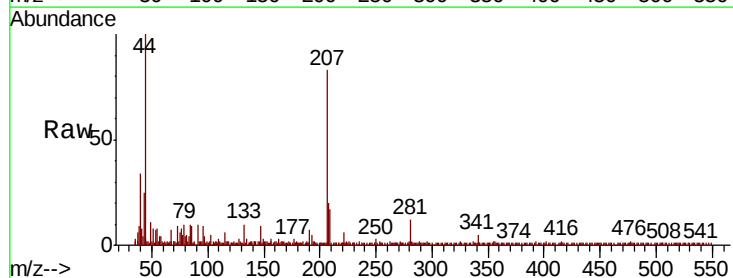
Instrument :
BNA_P
ClientSampleId :
PB131060TB

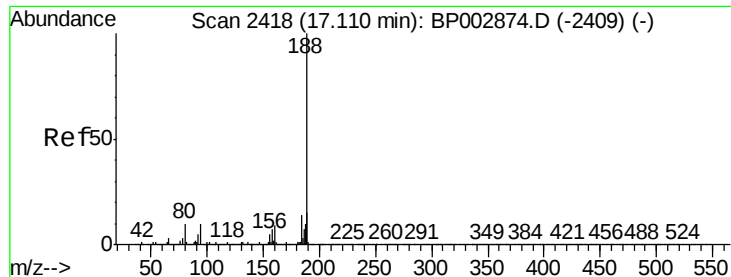
Tot Ion:165 Resp: 12
Ion Ratio Lower Upper
165 100
63 52.0 20.6 31.0#
89 84.0 43.4 65.0#
182 128.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.417 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.12 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Tgt Ion:138 Resp: 20
Ion Ratio Lower Upper
138 100
92 44.9 21.4 61.4
108 57.1 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: BP003061.D

Acq: 20 Aug 2020 12:26

Instrument :

BNA_P

ClientSampleId :

PB131060TB

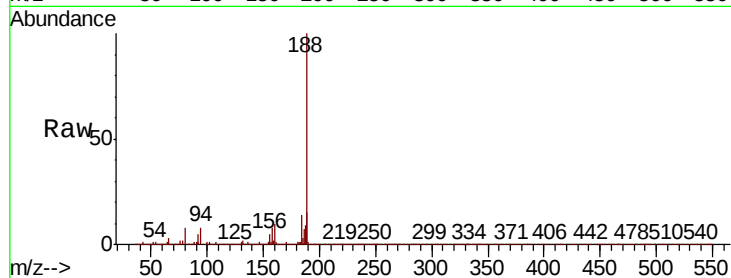
Tot Ion:188 Resp: 1695239

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

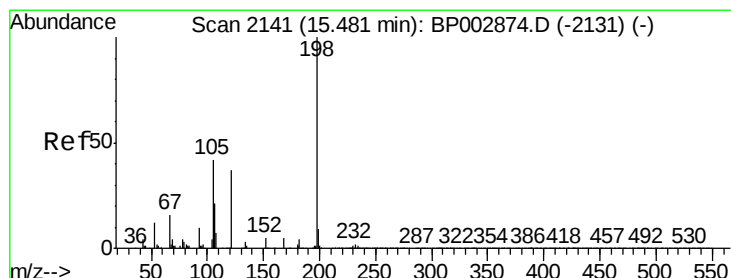
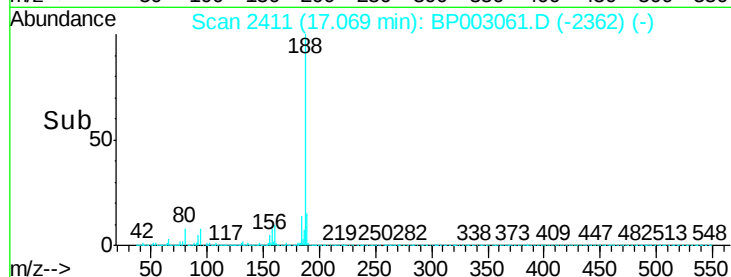
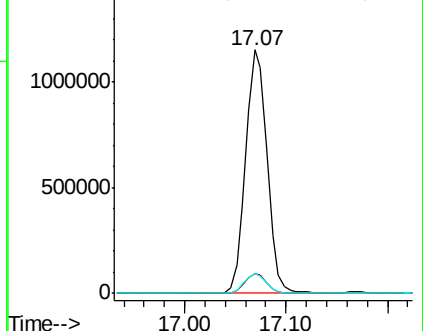
80 8.1 6.7 10.1



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: 6.904 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.02 min

Lab File: BP003061.D

Acq: 20 Aug 2020 12:26

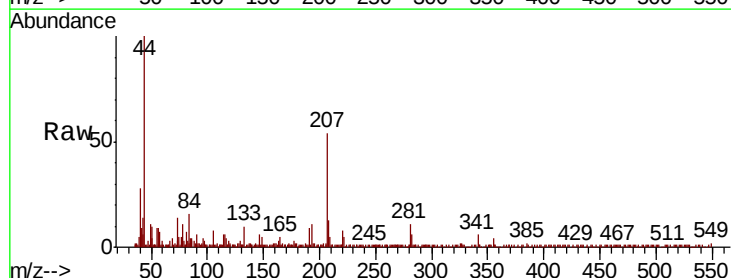
Tgt Ion:198 Resp: 43

Ion Ratio Lower Upper

198 100

51 482.4 6.2 46.2#

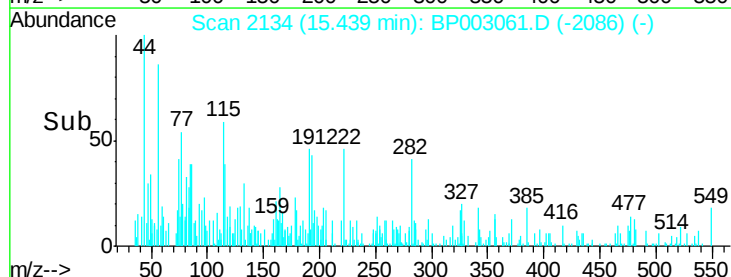
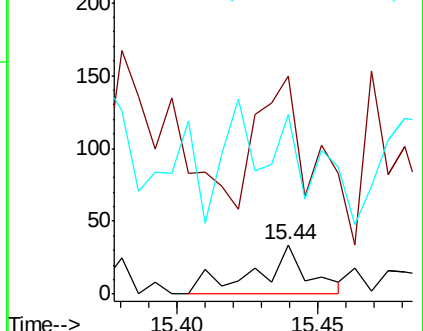
105 414.7 19.9 59.9#

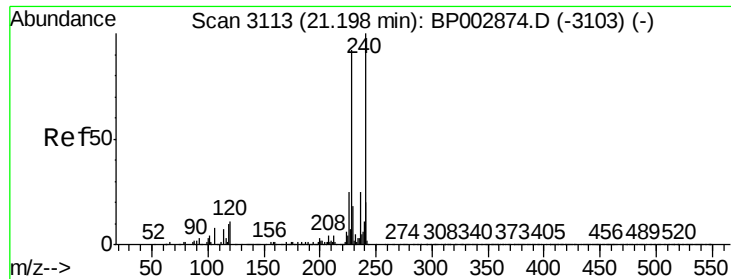


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

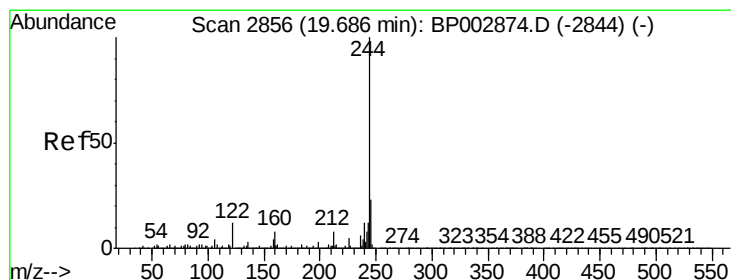
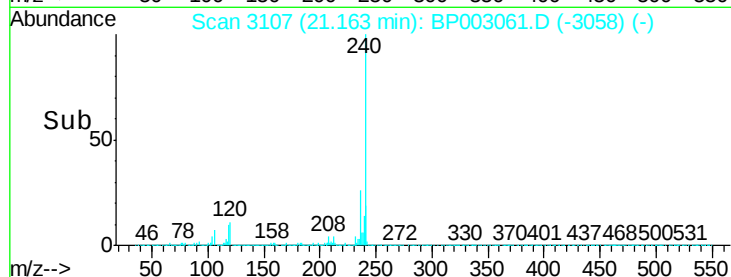
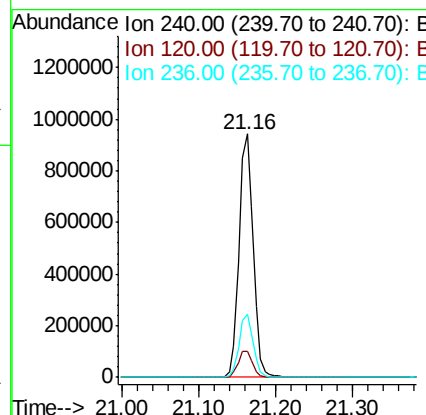
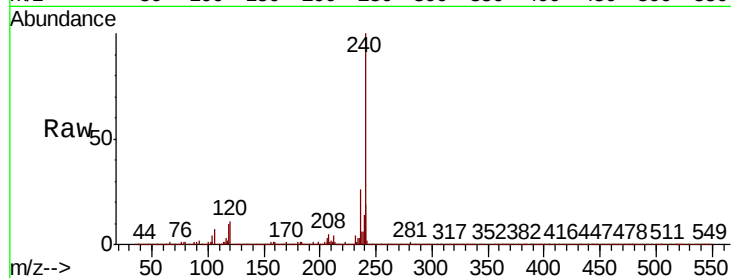




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BP003061.D
 Acq: 20 Aug 2020 12:26

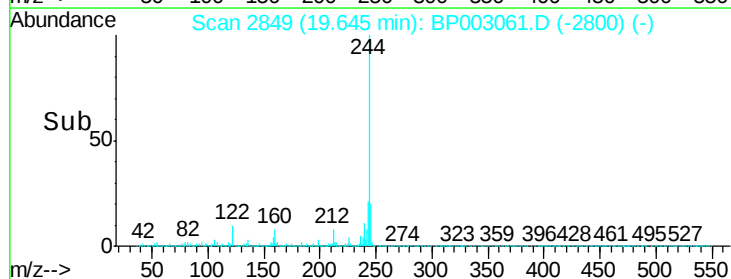
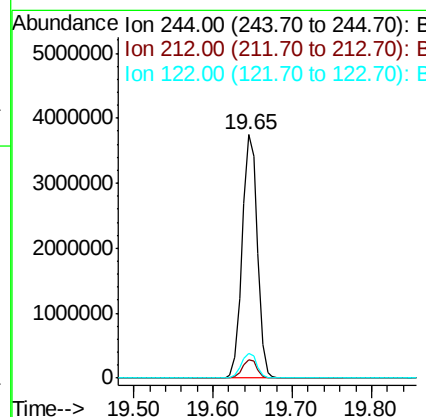
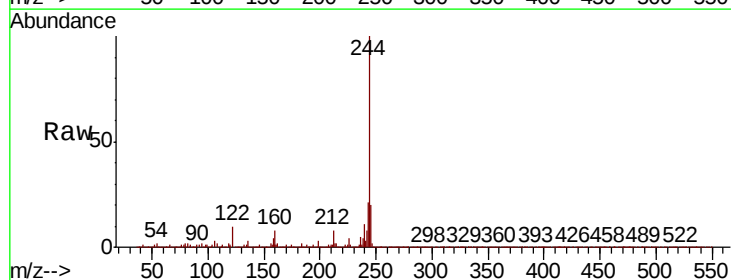
Instrument :
 BNA_P
 ClientSampleId :
 PB131060TB

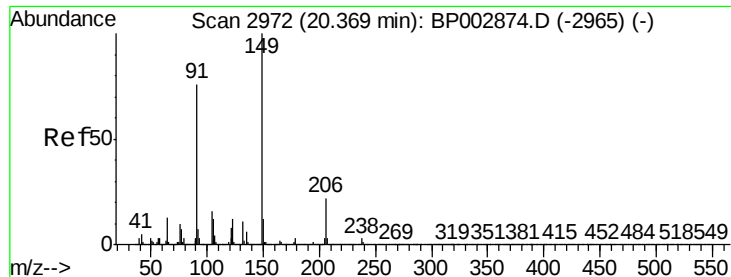
Tot Ion:240 Resp: 1218893
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.5 14.3
 236 25.8 20.8 31.2



#79
 Terphenyl-d14
 Concen: 81.587 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003061.D
 Acq: 20 Aug 2020 12:26

Tgt Ion:244 Resp: 4967440
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 10.2 8.7 13.1

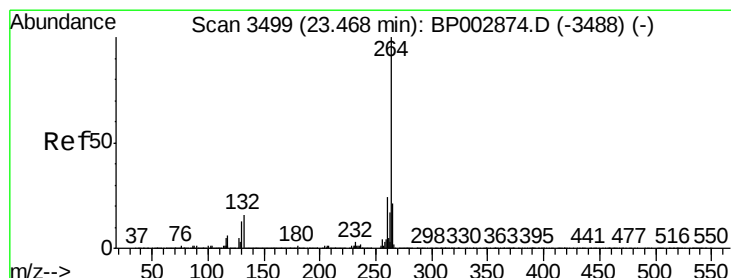
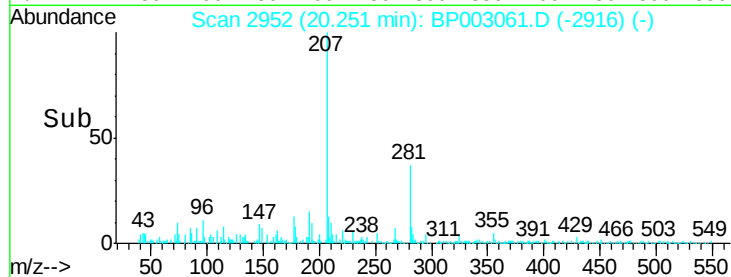
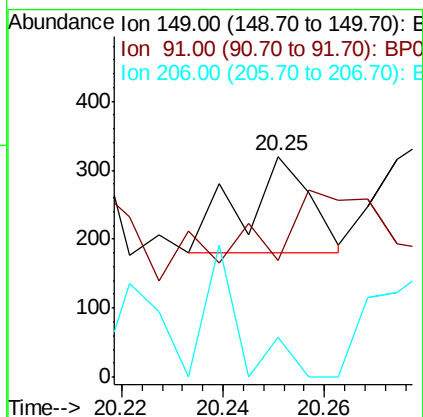
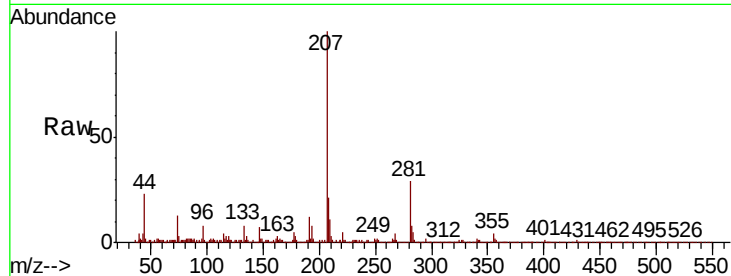




#80
Butylbenzylphthalate
Concen: 3.061 ng
RT: 20.25 min Scan# 2952
Delta R.T. -0.09 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Instrument :
BNA_P
ClientSampleID :
PB131060TB

Tot Ion:149 Resp: 130
Ion Ratio Lower Upper
149 100
91 52.8 45.3 67.9
206 18.1 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003061.D
Acq: 20 Aug 2020 12:26

Tgt Ion:264 Resp: 1161310
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.8 17.3 25.9

