

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003031.D
 Acq On : 19 Aug 2020 10:53
 Operator : CG/JU
 Sample : PB131060BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131060BL

Quant Time: Aug 19 11:35:59 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	7.69	152	354996	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1347355	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	787770	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1591022	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1391529	20.00	ng	0.00
86) Perylene-d12	23.41	264	1612445	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2242255	96.67	ng	0.00
7) Phenol-d6	6.87	99	2532025	78.63	ng	0.00
23) Nitrobenzene-d5	8.83	82	1527790	61.42	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1121701	114.56	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3624428	62.86	ng	0.00
79) Terphenyl-d14	19.65	244	4988590	71.77	ng	0.00

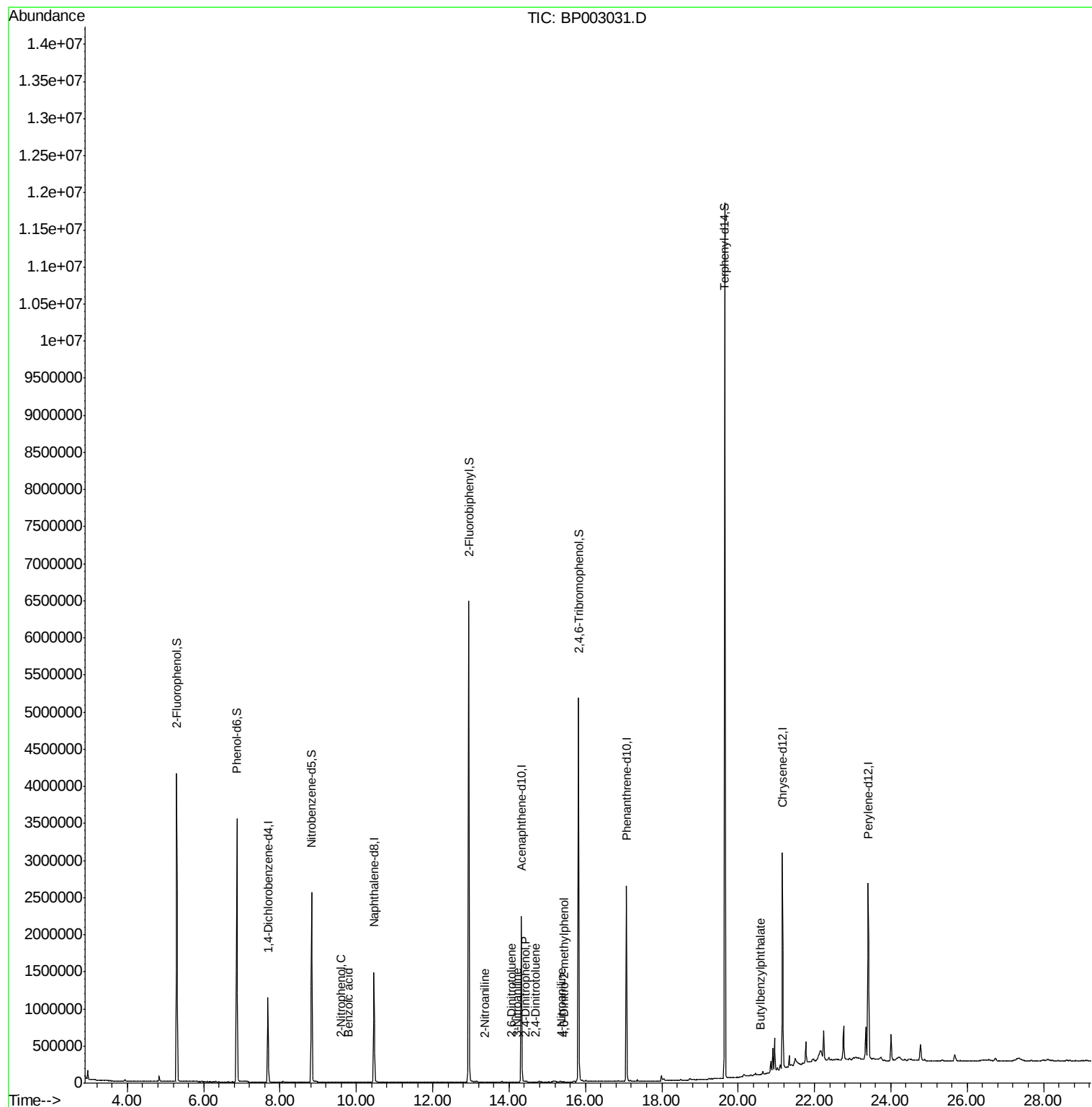
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	21	4.522	ng	# 1
32) Benzoic acid	9.79	122	348	7.709	ng	94
48) 2-Nitroaniline	13.37	65	138	3.982	ng	# 13
51) 2,6-Dinitrotoluene	14.07	165	85	2.905	ng	94
53) 3-Nitroaniline	14.22	138	82	3.279	ng	# 76
54) 2,4-Dinitrophenol	14.42	184	19	8.060	ng	# 53
57) 2,4-Dinitrotoluene	14.69	165	198	3.816	ng	# 82
62) 4-Nitroaniline	15.38	138	40	2.419	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.45	198	29	6.903	ng	# 1
80) Butylbenzylphthalate	20.57	149	361	3.066	ng	99

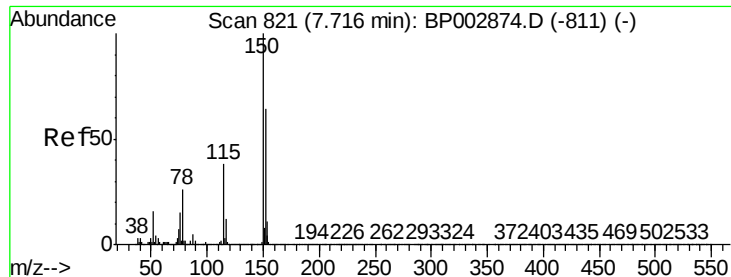
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003031.D
Acq On : 19 Aug 2020 10:53
Operator : CG/JU
Sample : PB131060BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB131060BL

Quant Time: Aug 19 11:35:59 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



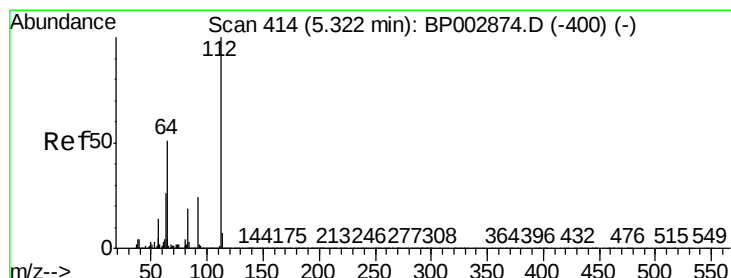
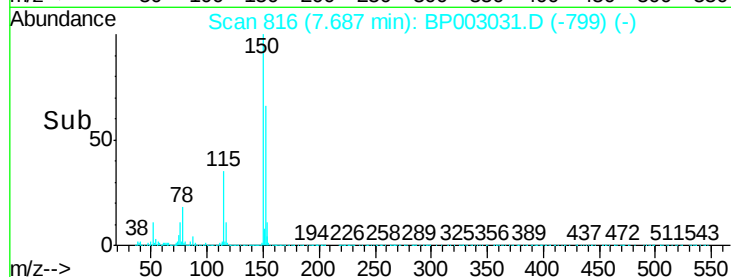
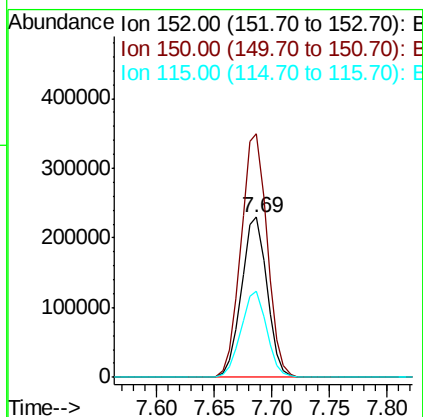
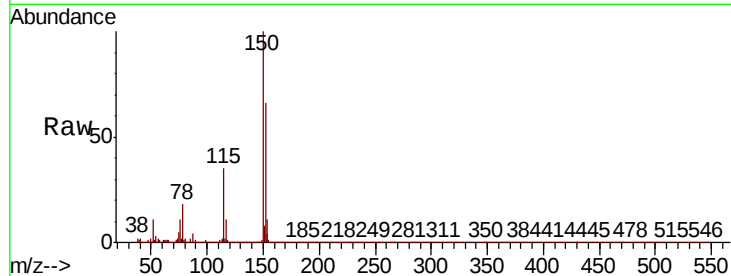


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Instrument :
BNA_P
ClientSampleId :
PB131060BL

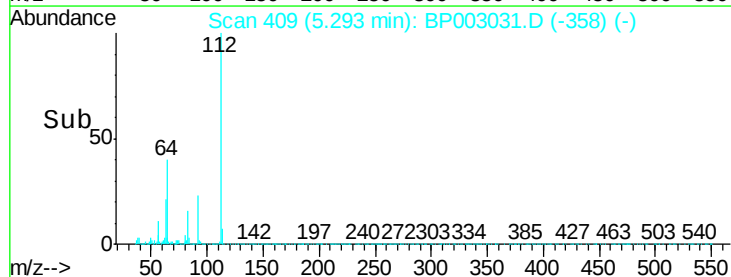
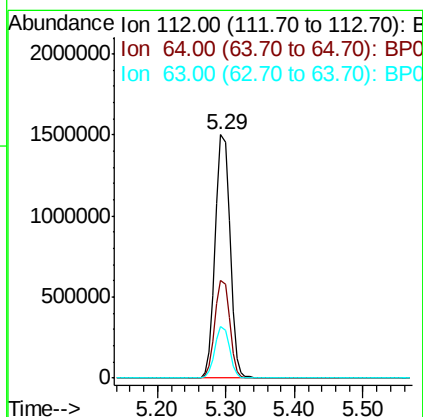
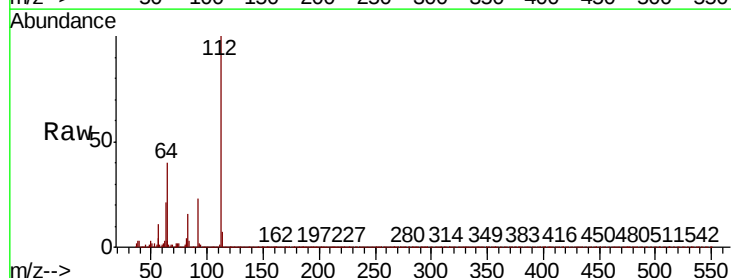
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.1	189.1
115	53.9	43.4	65.2

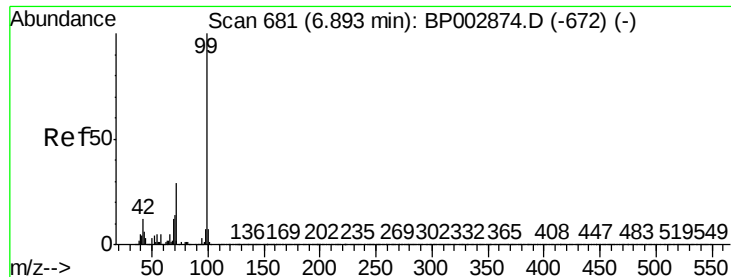


#5

2-Fluorophenol
Concen: 96.671 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.4	33.4	50.2
63	21.0	17.4	26.0





#7

Phenol-d6

Concen: 78.627 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BP003031.D

Acq: 19 Aug 2020 10:53

Instrument :

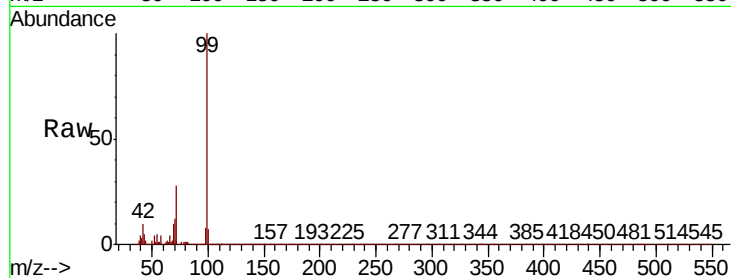
BNA_P

ClientSampleId :

PB131060BL

Tot Ion: 99 Resp: 2532025

Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.0	12.0
71	28.0	21.3	31.9

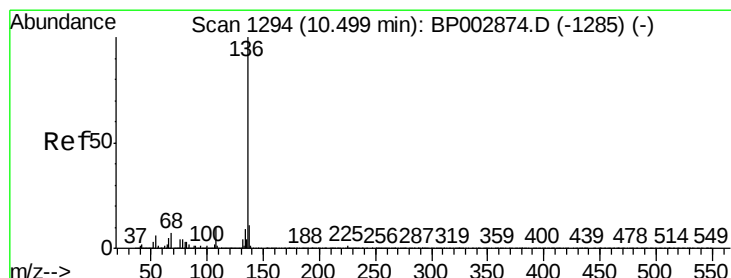
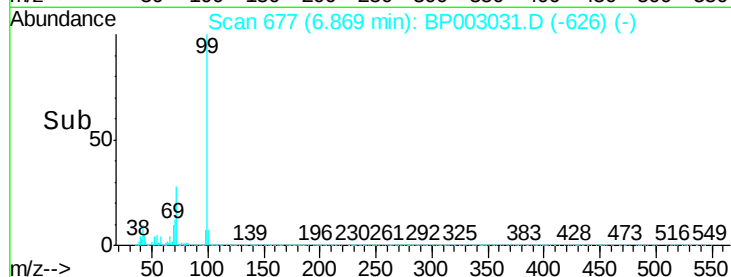
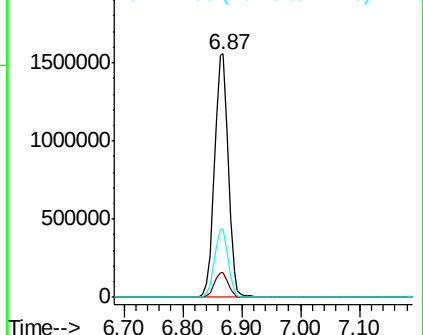


Abundance

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# 1288

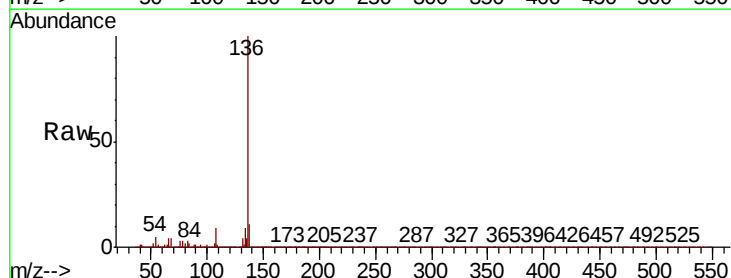
Delta R.T. -0.01 min

Lab File: BP003031.D

Acq: 19 Aug 2020 10:53

Tgt Ion: 136 Resp: 1347355

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.5	3.8	5.8
68	4.5	3.8	5.8



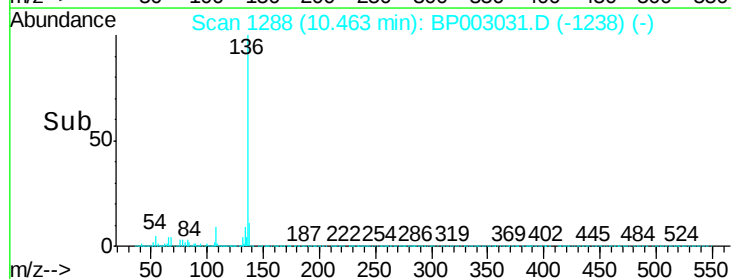
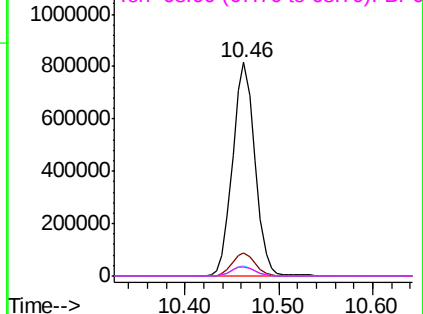
Abundance

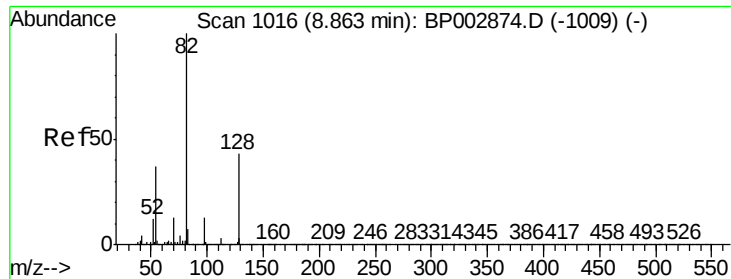
Ion 136.00 (135.70 to 136.70): E

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

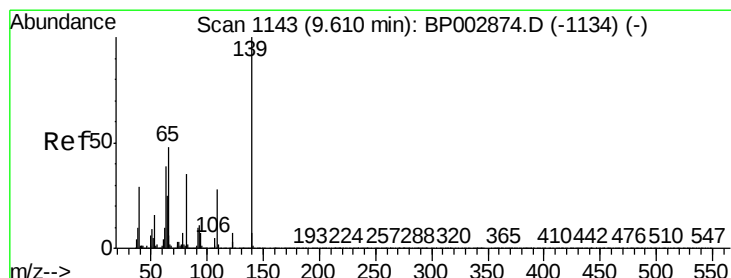
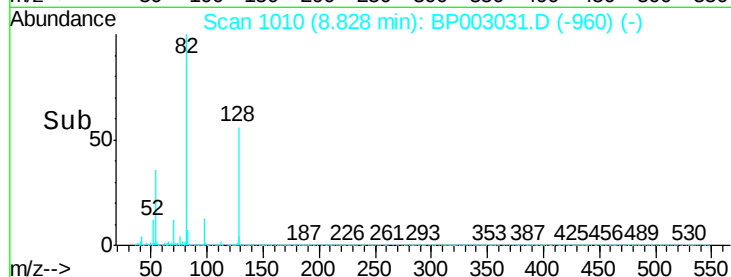
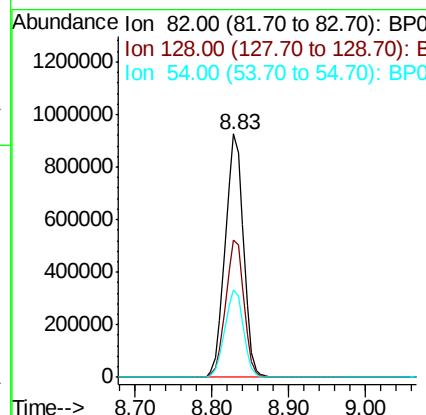
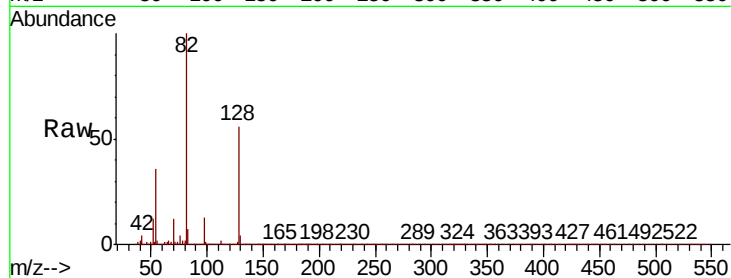




#23
Nitrobenzene-d5
Concen: 61.416 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

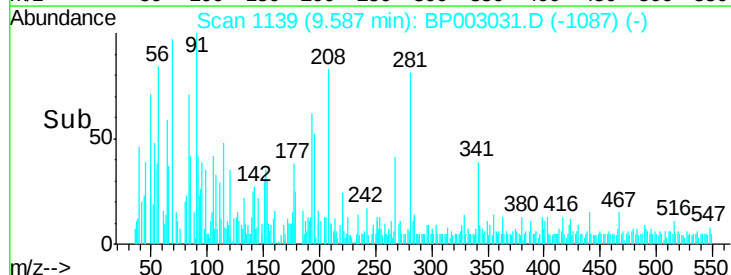
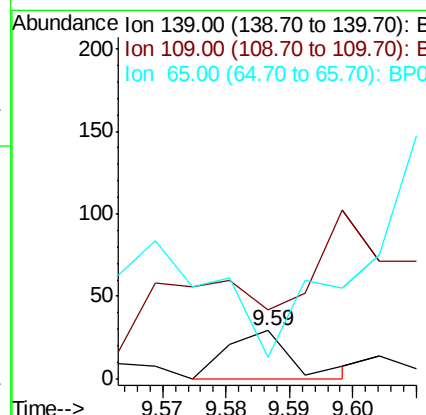
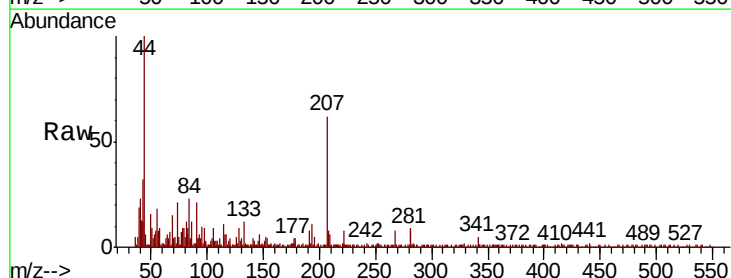
Instrument :
BNA_P
ClientSampleId :
PB131060BL

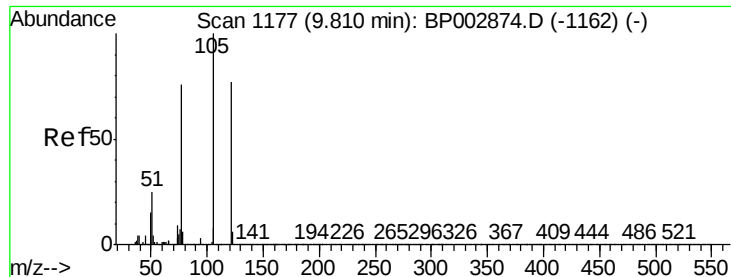
Tot Ion: 82 Resp: 1527790
Ion Ratio Lower Upper
82 100
128 56.4 45.1 67.7
54 36.1 28.8 43.2



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.59 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Tgt Ion: 139 Resp: 21
Ion Ratio Lower Upper
139 100
109 193.1 21.0 31.6#
65 44.8 27.2 40.8#

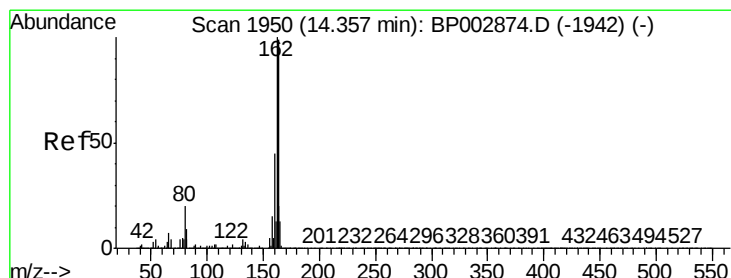
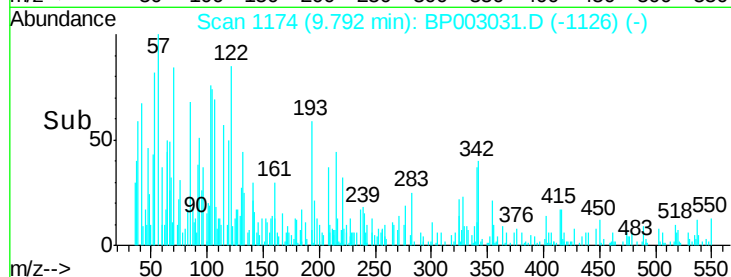
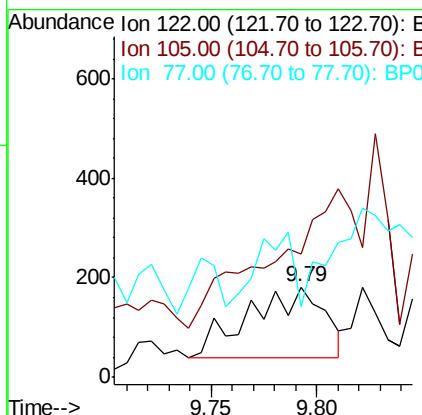
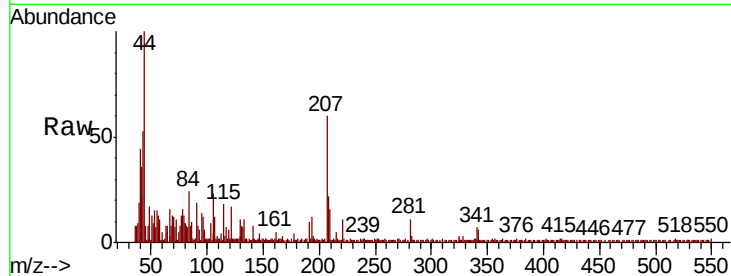




#32
Benzoic acid
Concen: 7.709 ng
RT: 9.79 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

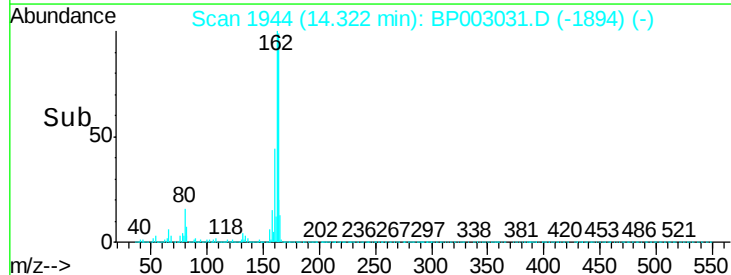
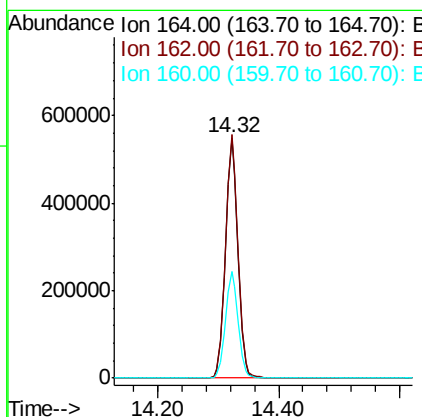
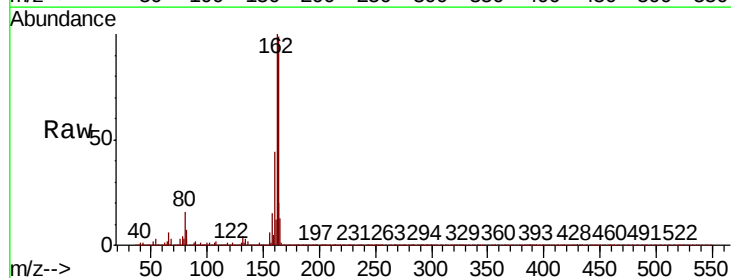
Instrument :
BNA_P
ClientSampleId :
PB131060BL

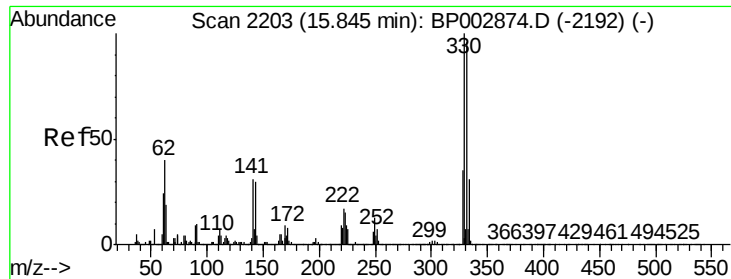
Tot Ion	Ratio	Lower	Upper
122	100		
105	124.7	96.2	136.2
77	72.2	55.6	95.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	44.5	35.5	53.3

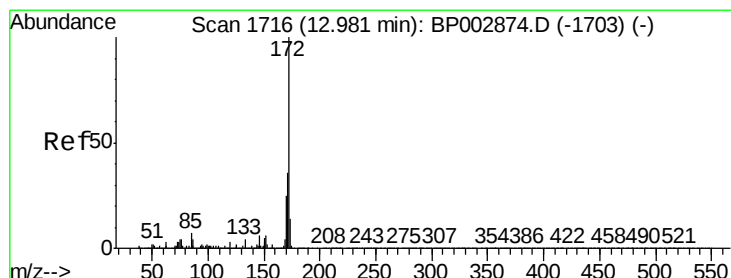
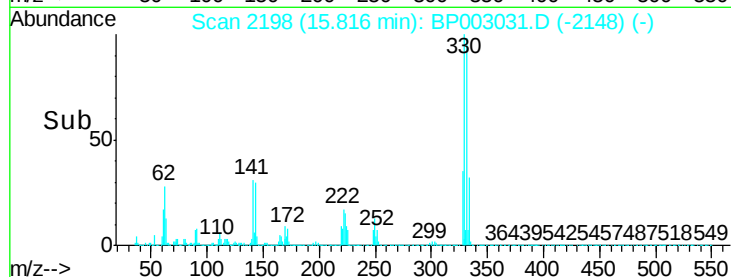
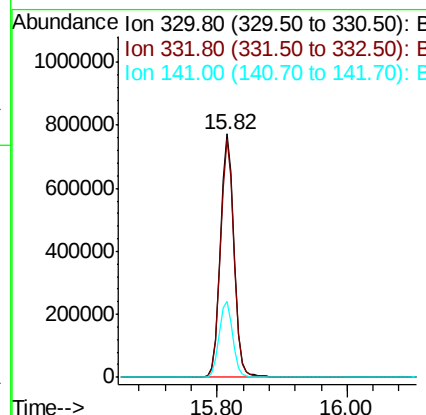
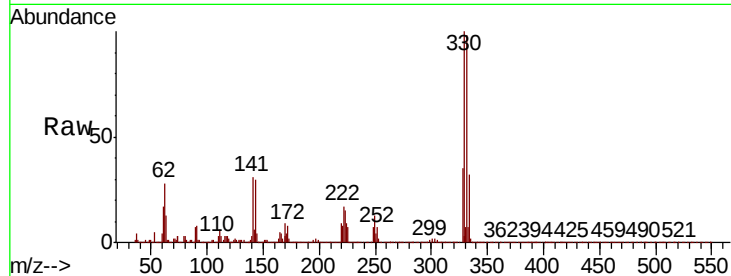




#42
2,4,6-Tribromophenol
Concen: 114.564 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

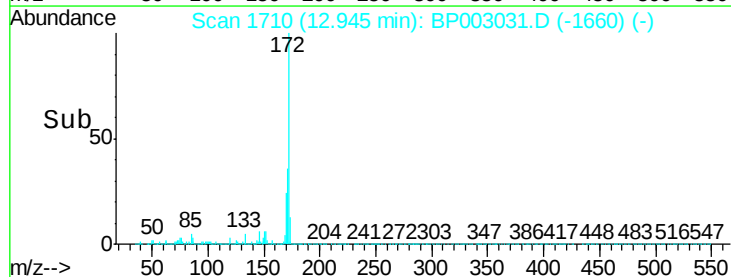
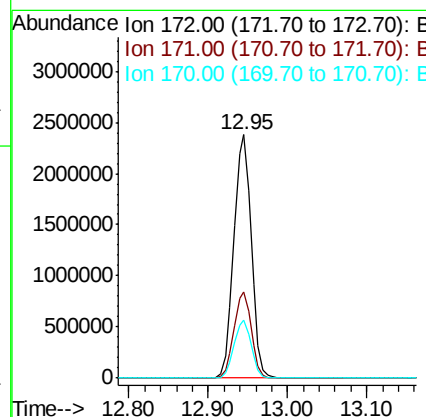
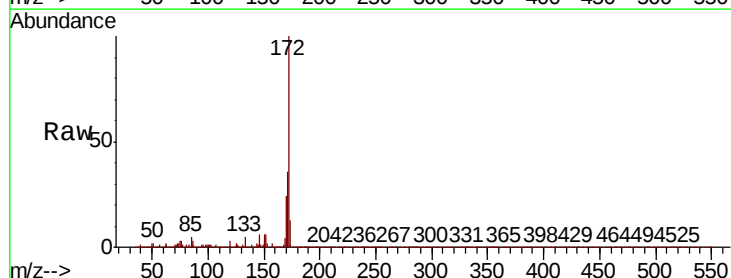
Instrument :
BNA_P
ClientSampleId :
PB131060BL

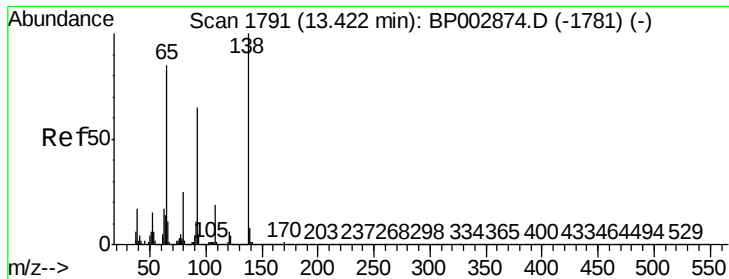
Tot Ion:330 Resp: 1121701
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 31.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 62.862 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Tgt Ion:172 Resp: 3624428
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.7 19.1 28.7

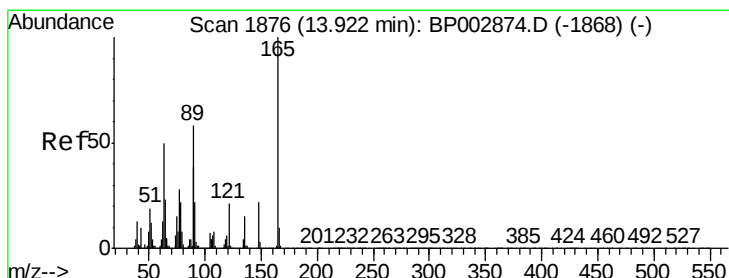
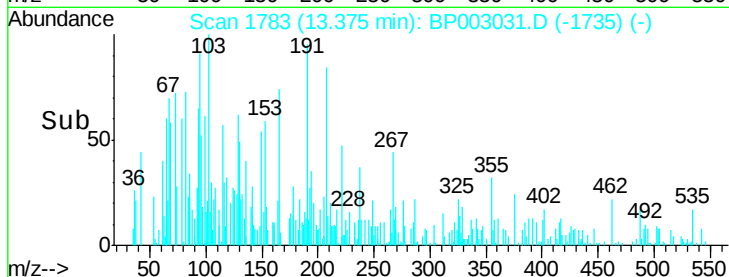
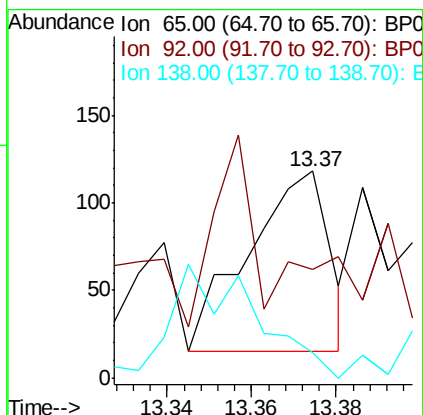
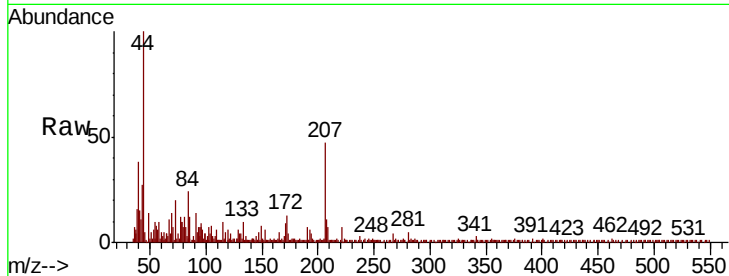




#48
2-Nitroaniline
Concen: 3.982 ng
RT: 13.37 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

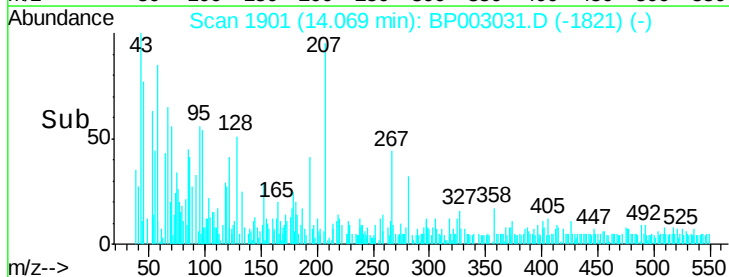
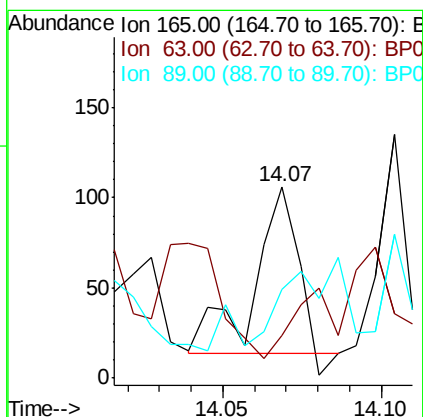
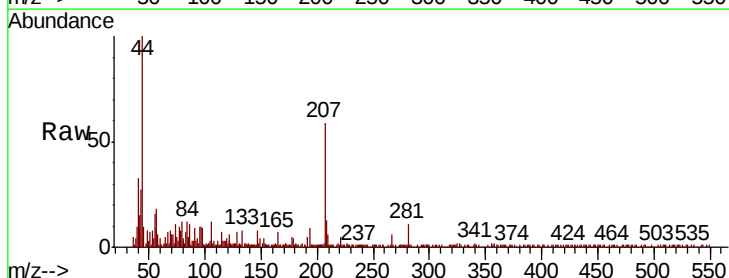
Instrument :
BNA_P
ClientSampleId :
PB131060BL

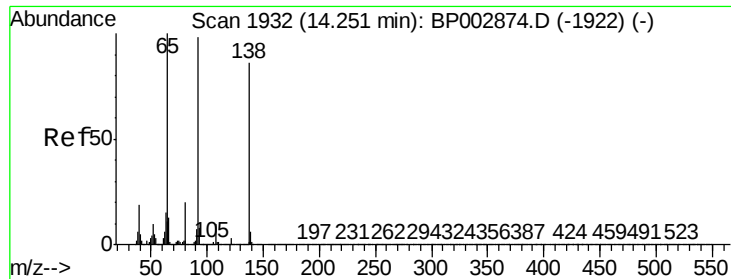
Tot Ion: 65 Resp: 138
Ion Ratio Lower Upper
65 100
92 52.5 70.1 105.1#
138 11.9 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.905 ng
RT: 14.07 min Scan# 1901
Delta R.T. 0.17 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Tgt Ion: 165 Resp: 85
Ion Ratio Lower Upper
165 100
63 39.6 28.1 42.1
89 46.2 34.5 51.7

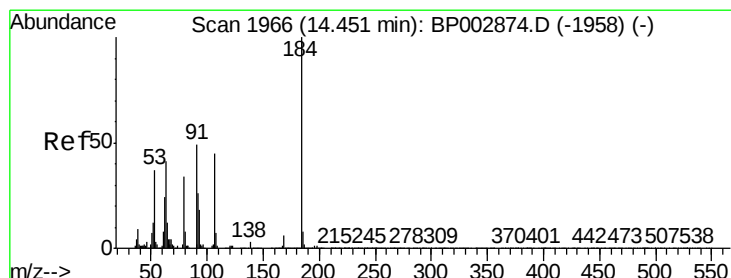
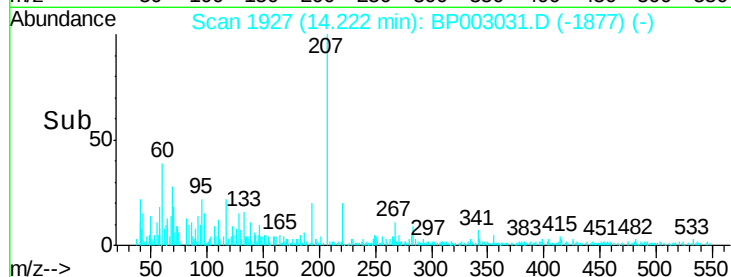
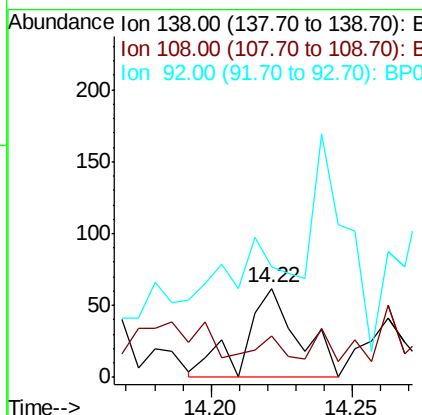
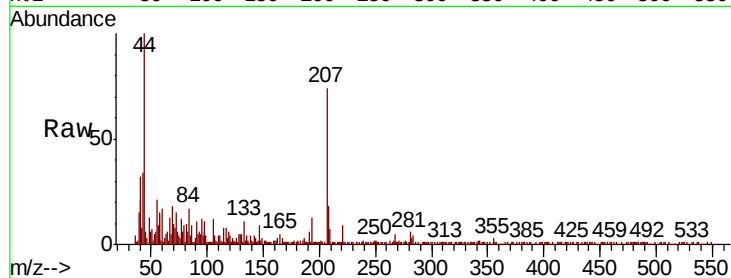




#53
3-Nitroaniline
Concen: 3.279 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

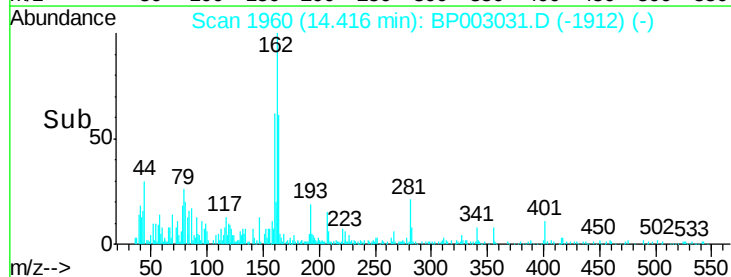
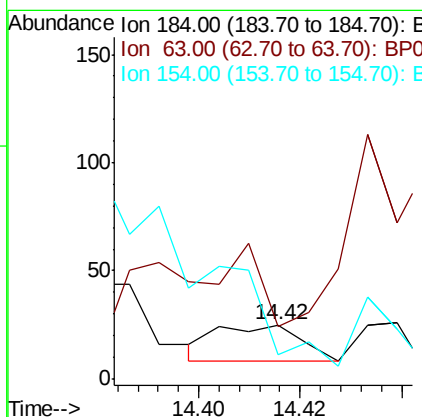
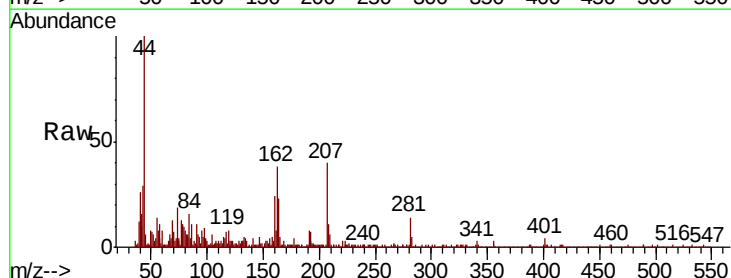
Instrument :
BNA_P
ClientSampleId :
PB131060BL

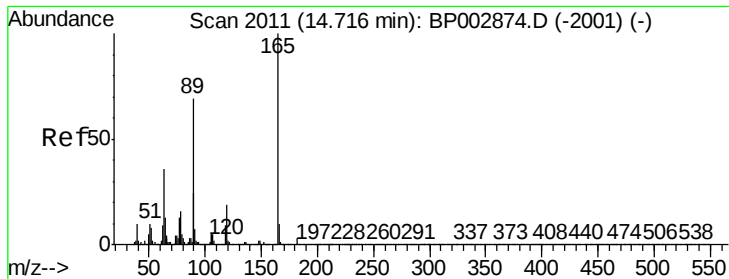
Tot Ion:138 Resp: 82
Ion Ratio Lower Upper
138 100
108 42.0 7.7 11.5#
92 111.6 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 96.0 33.0 49.6#
154 44.0 46.8 70.2#

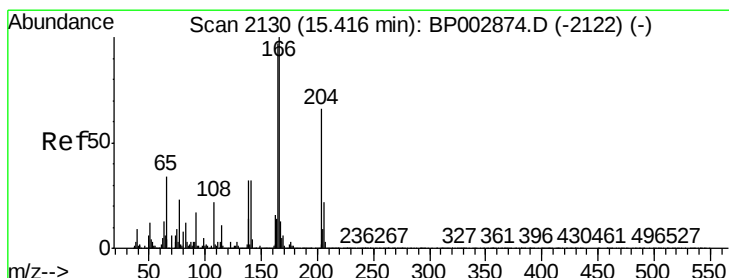
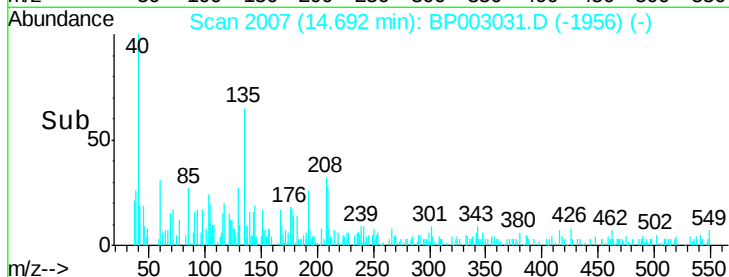
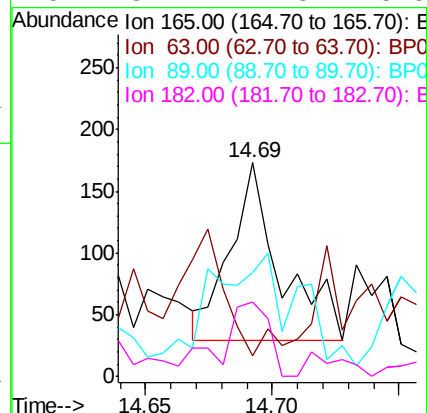
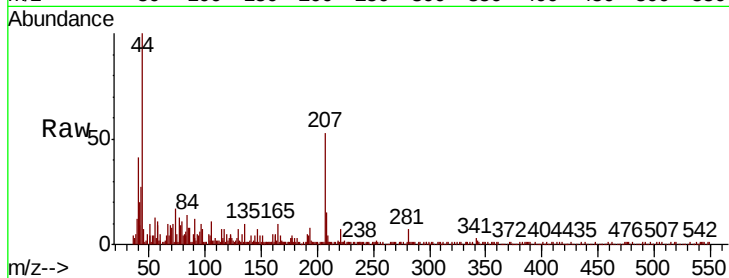




#57
 2,4-Dinitrotoluene
 Concen: 3.816 ng
 RT: 14.69 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BP003031.D
 Acq: 19 Aug 2020 10:53

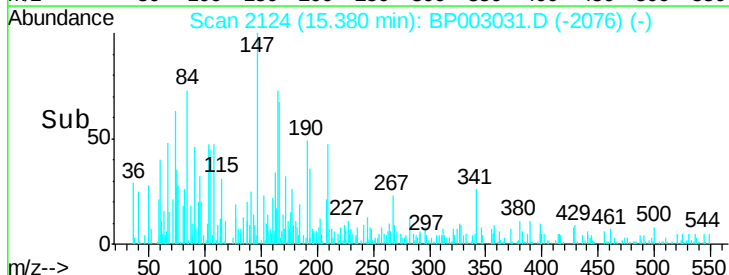
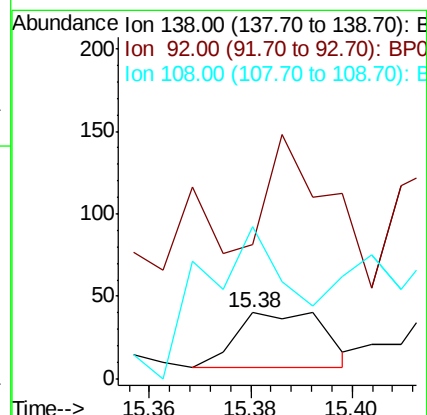
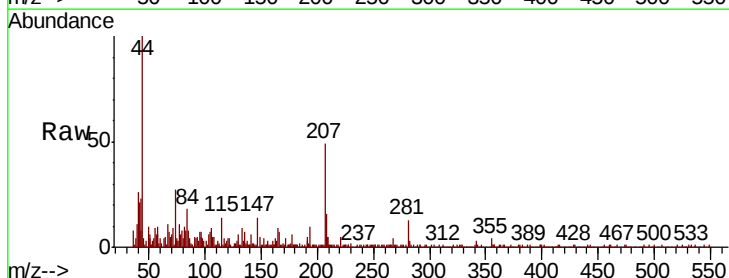
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BL

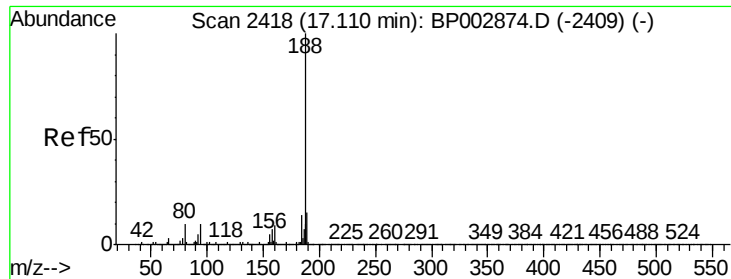
Tot Ion:165	Resp:	198
Ion Ratio	Lower	Upper
165	100	
63	9.8	20.6 31.0#
89	48.6	43.4 65.0
182	34.7	2.3 3.5#



#62
 4-Nitroaniline
 Concen: 2.419 ng
 RT: 15.38 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BP003031.D
 Acq: 19 Aug 2020 10:53

Tgt Ion:138	Resp:	40
Ion Ratio	Lower	Upper
138	100	
92	202.5	21.4 61.4#
108	230.0	40.8 80.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003031.D

Acq: 19 Aug 2020 10:53

Instrument :

BNA_P

ClientSampleId :

PB131060BL

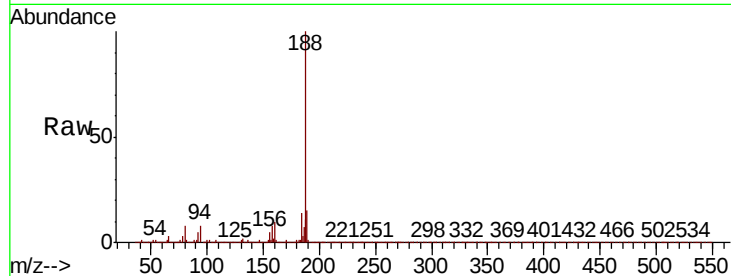
Tot Ion:188 Resp: 1591022

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

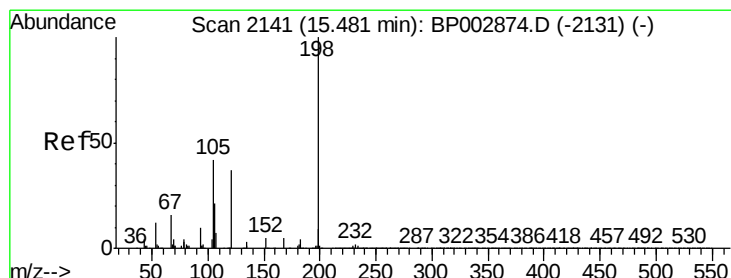
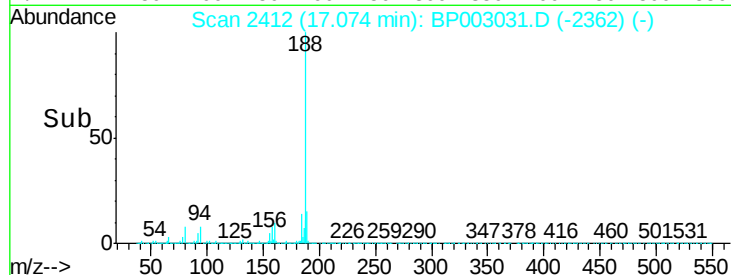
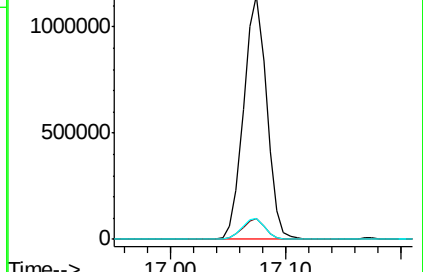
80 8.3 6.7 10.1



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: 6.903 ng

RT: 15.45 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BP003031.D

Acq: 19 Aug 2020 10:53

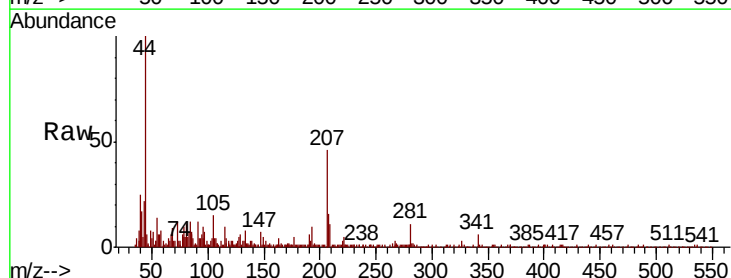
Tgt Ion:198 Resp: 29

Ion Ratio Lower Upper

198 100

51 513.3 6.2 46.2#

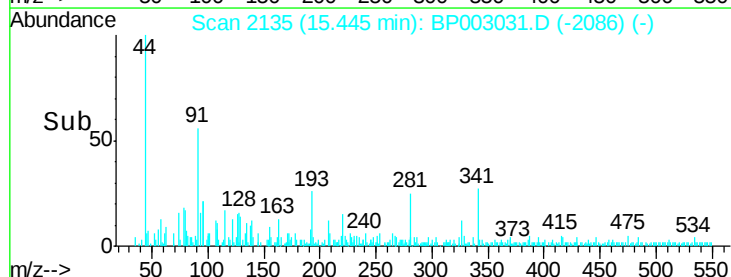
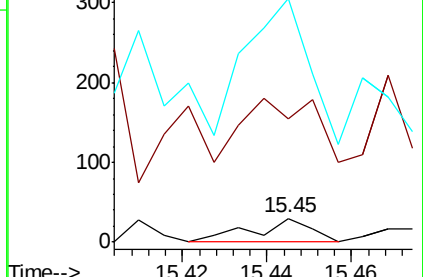
105 1016.7 19.9 59.9#

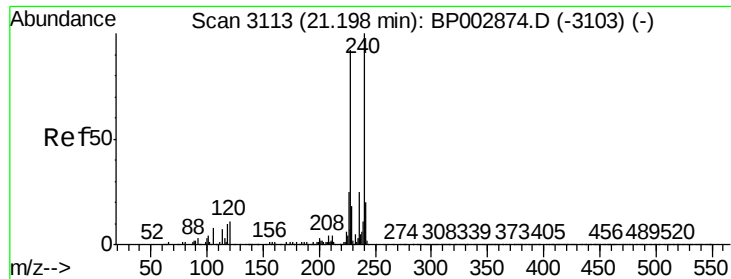


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

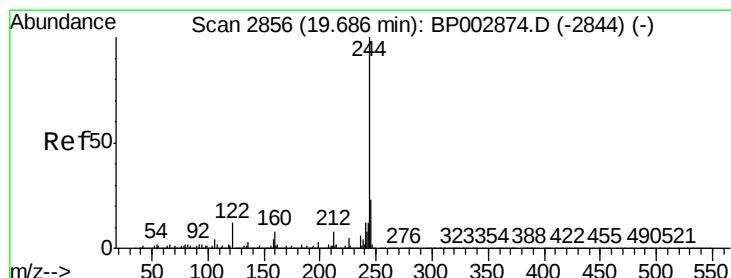
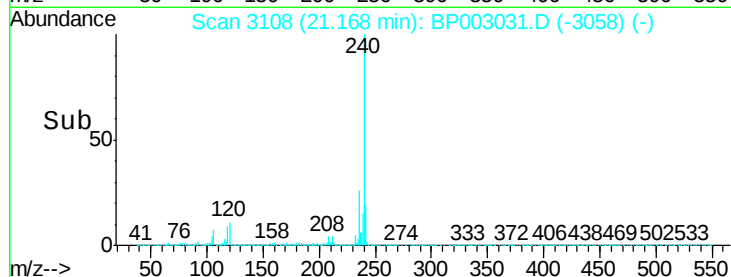
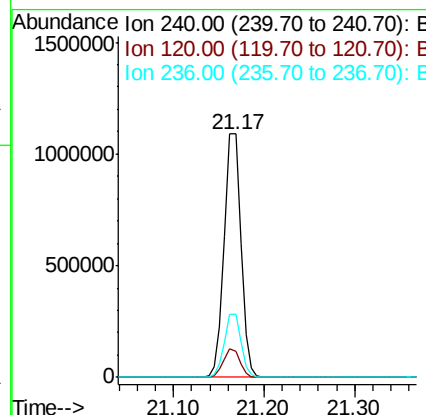
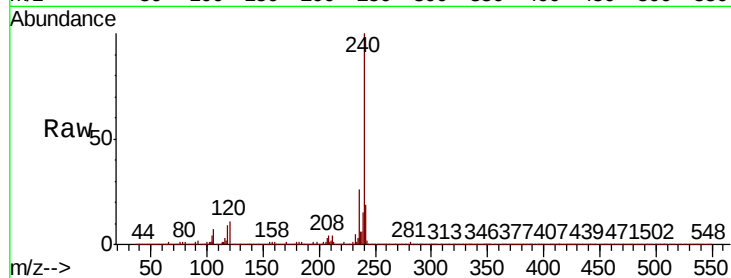




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BP003031.D
 Acq: 19 Aug 2020 10:53

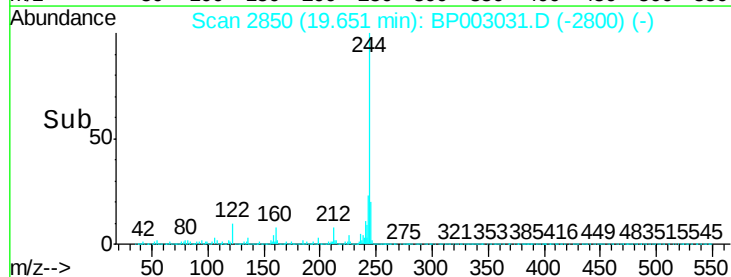
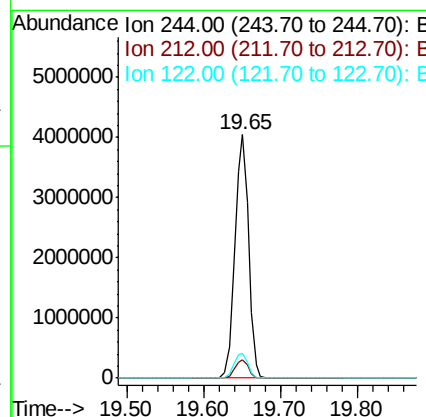
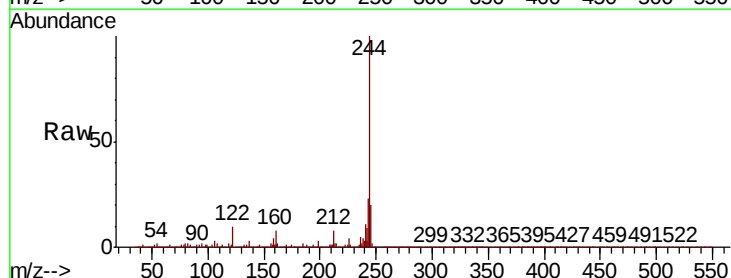
Instrument :
 BNA_P
 ClientSampleId :
 PB131060BL

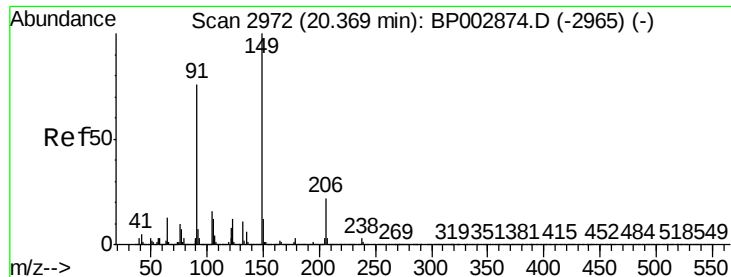
Tot Ion:240 Resp: 1391529
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.7 20.8 31.2



#79
 Terphenyl-d14
 Concen: 71.770 ng
 RT: 19.65 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BP003031.D
 Acq: 19 Aug 2020 10:53

Tgt Ion:244 Resp: 4988590
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 10.1 8.7 13.1

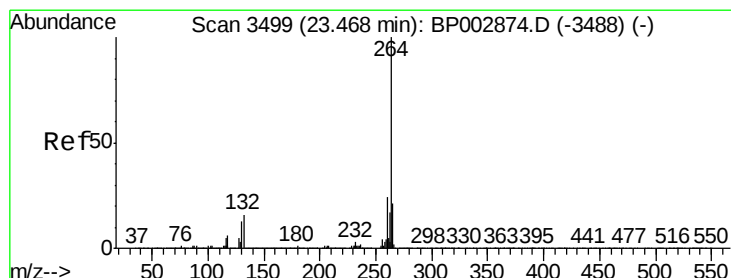
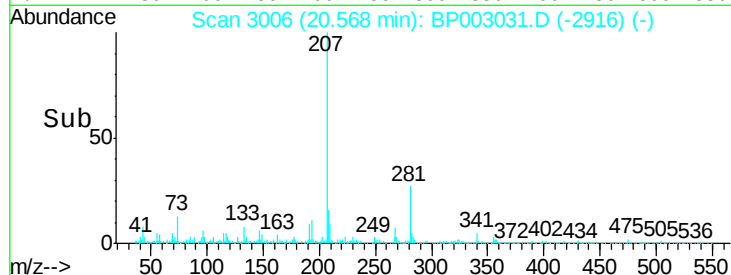
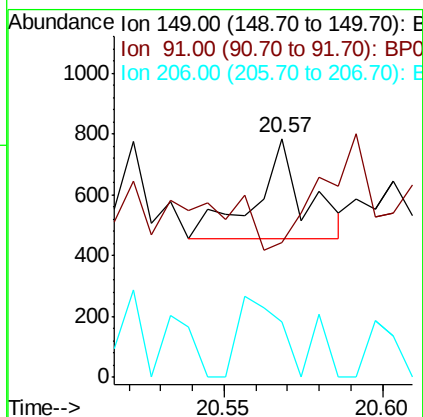
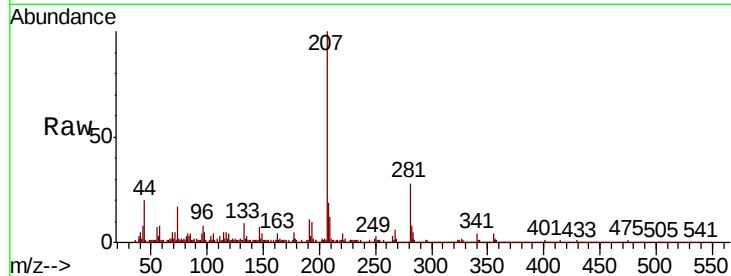




#80
Butylbenzylphthalate
Concen: 3.066 ng
RT: 20.57 min Scan# 3006
Delta R.T. 0.23 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Instrument :
BNA_P
ClientSampleId :
PB131060BL

Tot Ion:149 Resp: 361
Ion Ratio Lower Upper
149 100
91 56.4 45.3 67.9
206 23.4 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003031.D
Acq: 19 Aug 2020 10:53

Tgt Ion:264 Resp: 1612445
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 17.3 25.9

