

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002982.D
 Acq On : 14 Aug 2020 13:39
 Operator : CG/JU
 Sample : L3648-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Quant Time: Aug 14 14:40:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

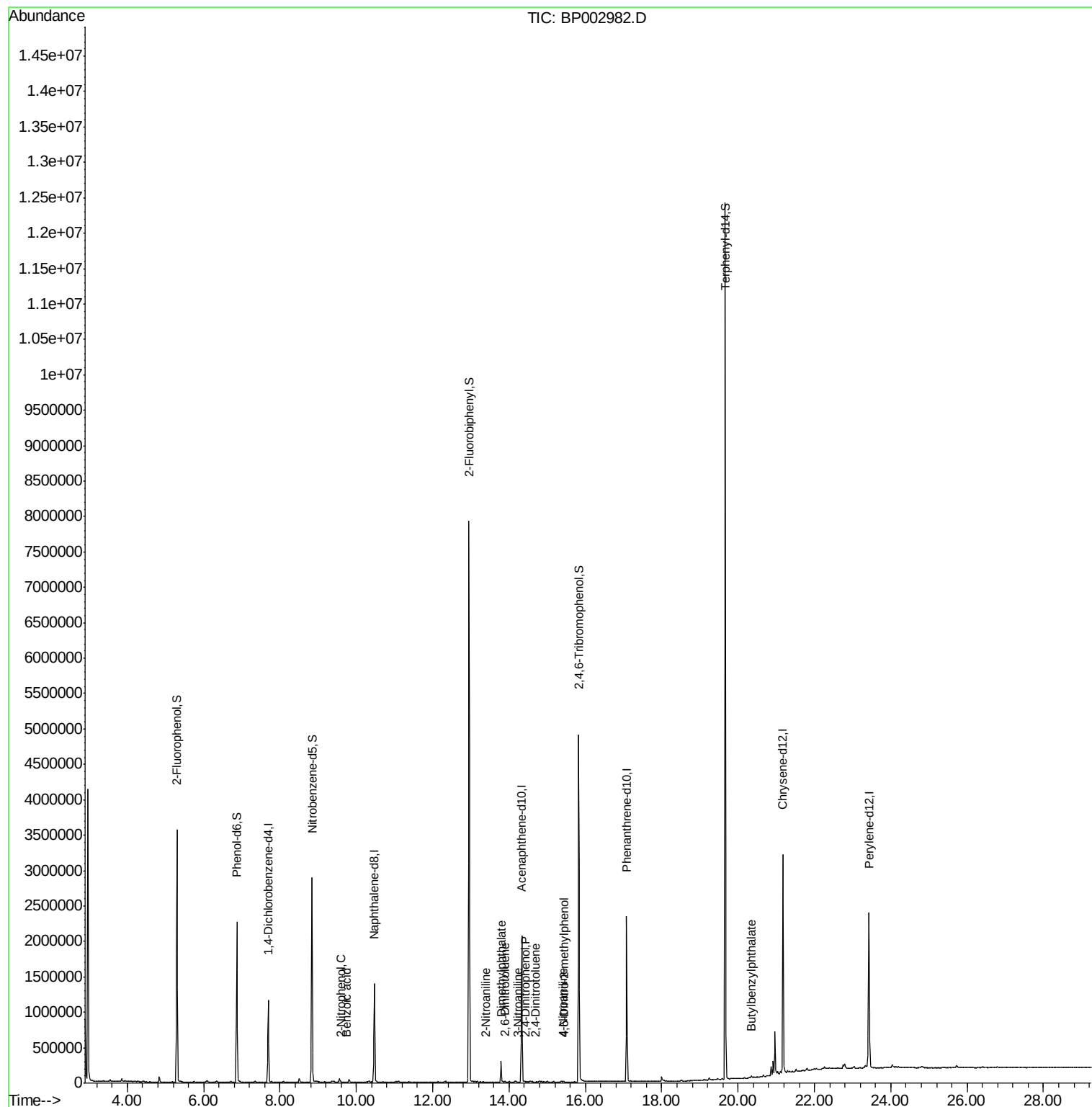
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	344714	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1317808	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	712839	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1422026	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1410247	20.00	ng	0.00
86) Perylene-d12	23.43	264	1531058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1788395	79.40	ng	0.00
7) Phenol-d6	6.87	99	1567238	50.12	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1744347	71.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	1027461	115.97	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4332596	83.04	ng	-0.01
79) Terphenyl-d14	19.66	244	5317828	75.49	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.59	139	159	4.534	ng	# 45
32) Benzoic acid	9.73	122	770	7.739	ng	# 83
48) 2-Nitroaniline	13.40	65	75	3.978	ng	# 18
50) Dimethylphthalate	13.79	163	223852	4.015	ng	# 100
51) 2,6-Dinitrotoluene	13.89	165	2109	3.057	ng	# 39
53) 3-Nitroaniline	14.24	138	114	3.282	ng	# 69
54) 2,4-Dinitrophenol	14.42	184	24	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	284	3.822	ng	# 78
62) 4-Nitroaniline	15.40	138	159	2.428	ng	# 66
65) 4,6-Dinitro-2-methylphenol	15.46	198	16	6.902	ng	# 1
80) Butylbenzylphthalate	20.35	149	8385	3.254	ng	# 97

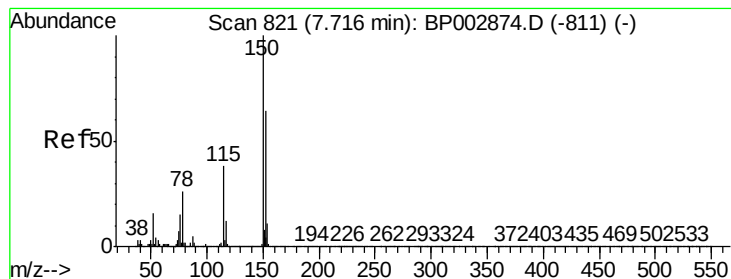
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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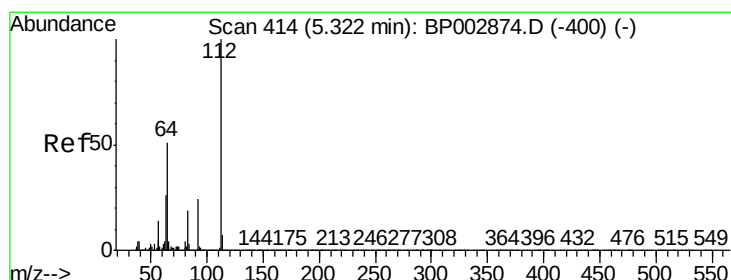
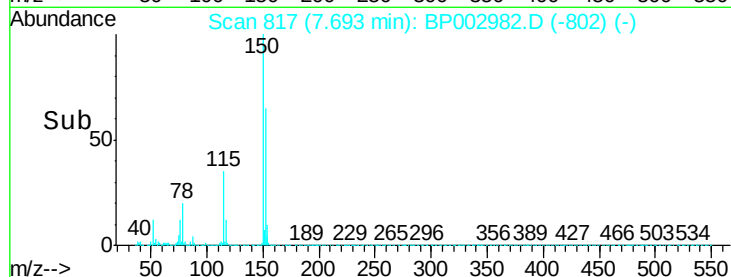
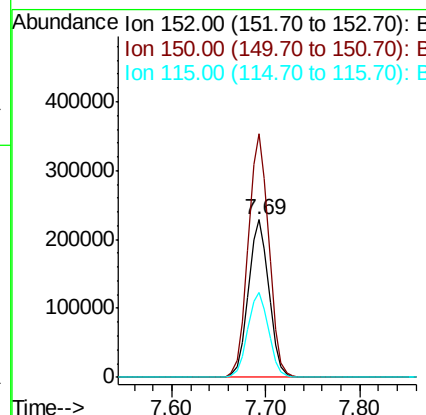
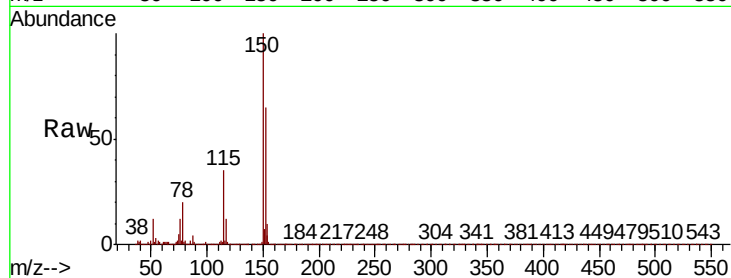


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Instrument :
BNA_P
ClientSampleId :
DFTPP

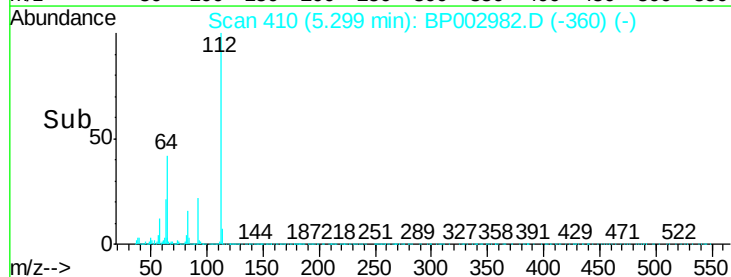
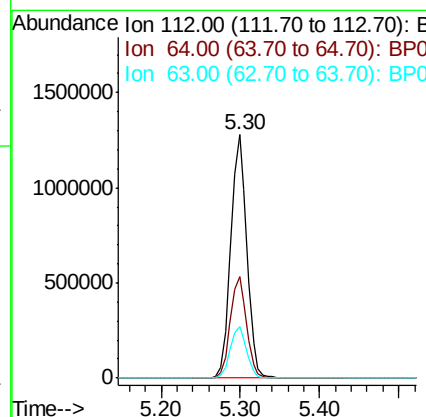
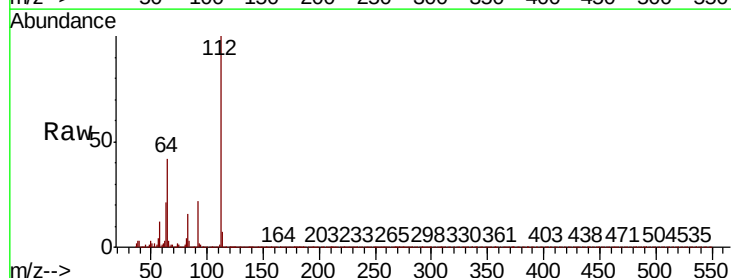
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.2	186.4
115	54.1	42.1	63.1

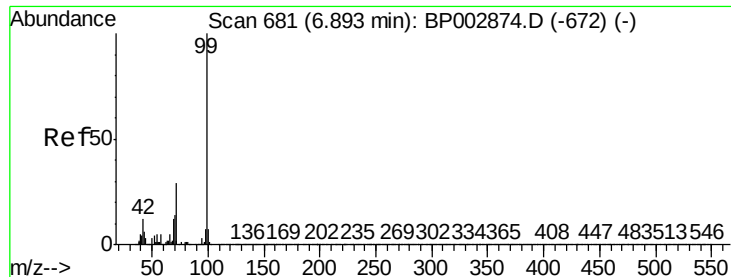


#5

2-Fluorophenol
Concen: 79.403 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.8	33.8	50.8
63	21.2	17.2	25.8





#7

Phenol-d6

Concen: 50.119 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

Instrument :

BNA_P

ClientSampleId :

DFTPP

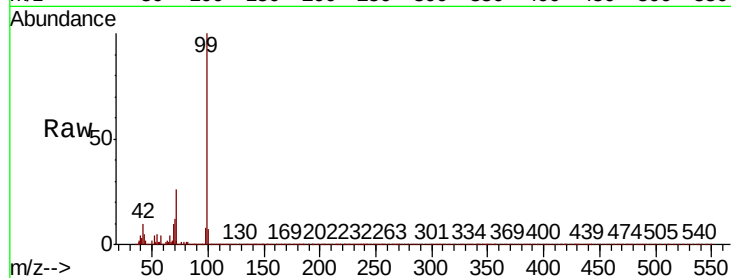
Tot Ion: 99 Resp: 1567238

Ion Ratio Lower Upper

99 100

42 10.4 8.1 12.1

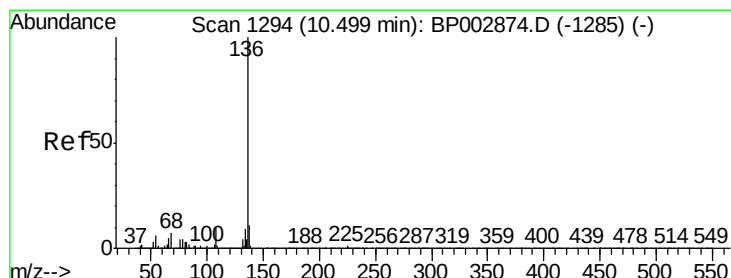
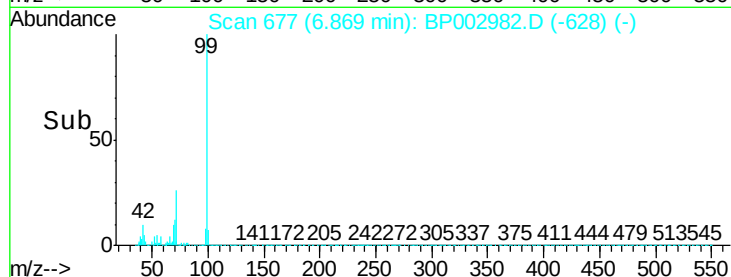
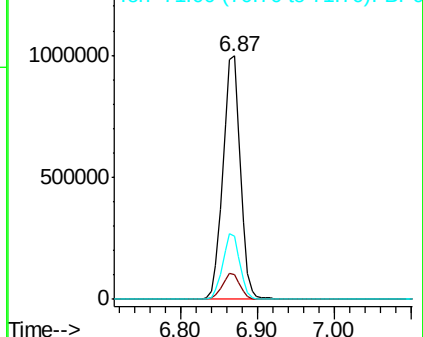
71 25.9 21.0 31.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

Tgt Ion: 136 Resp: 1317808

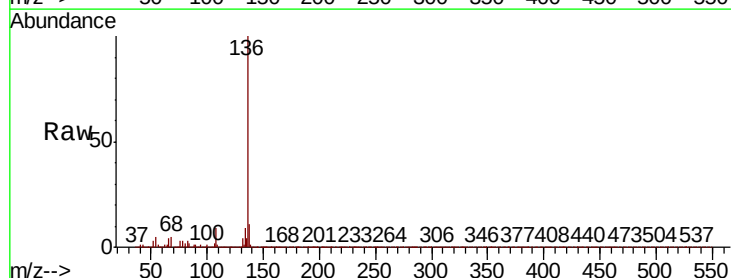
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 4.9 3.9 5.9

68 4.8 3.8 5.8

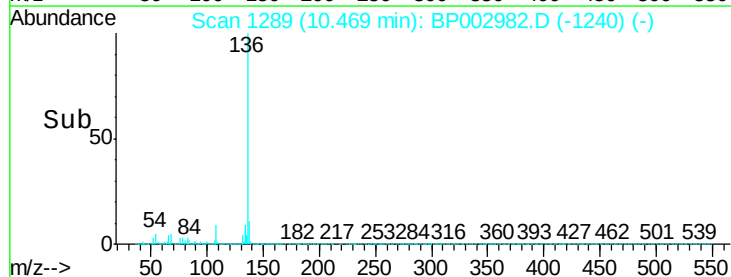
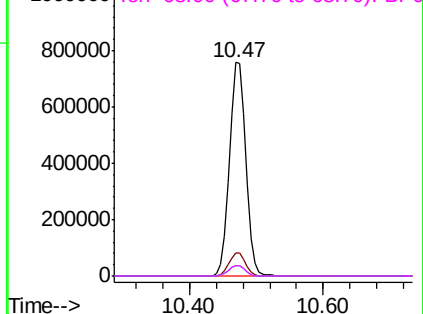


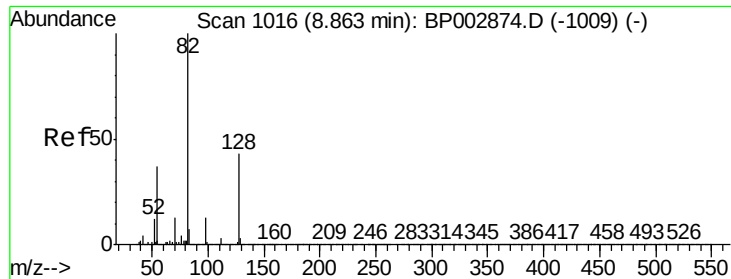
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

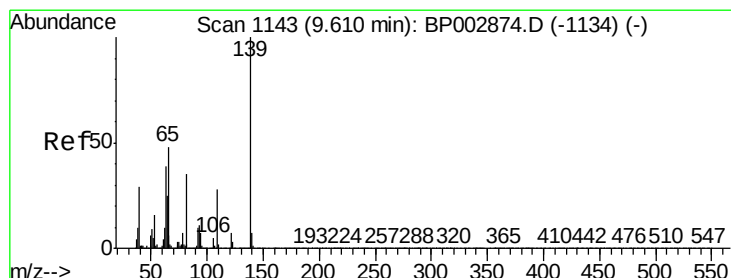
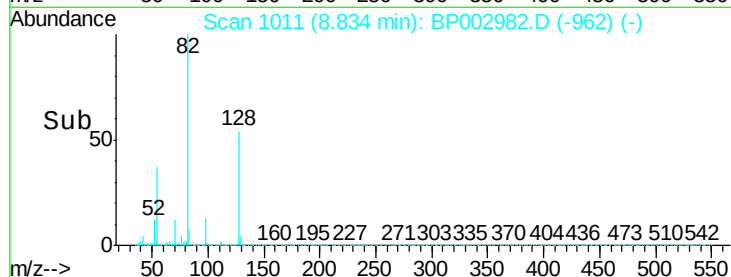
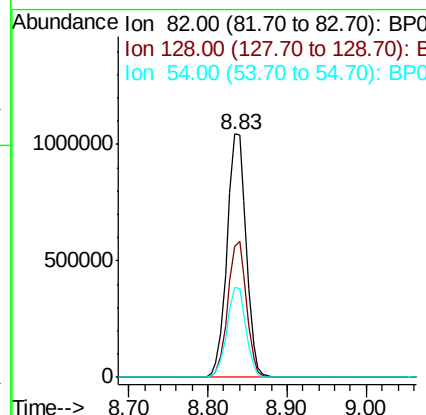
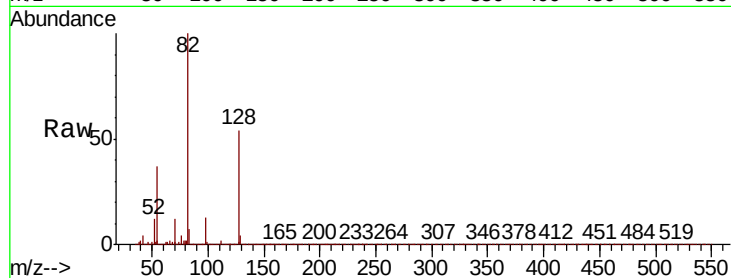




#23
Nitrobenzene-d5
Concen: 71.693 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

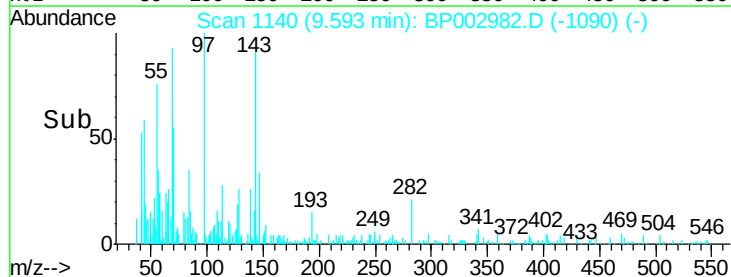
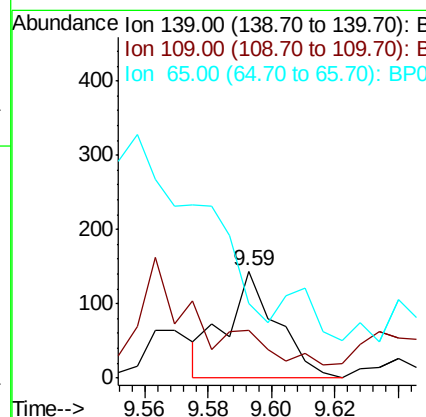
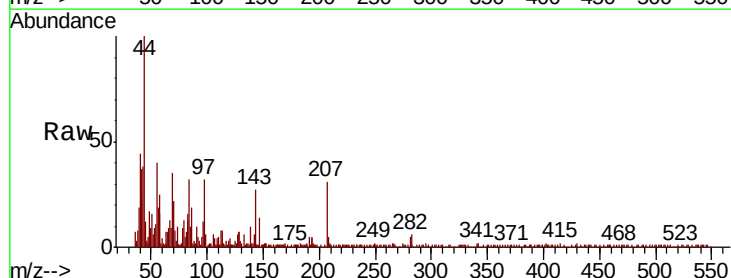
Instrument :
BNA_P
ClientSampled :
DFTPP

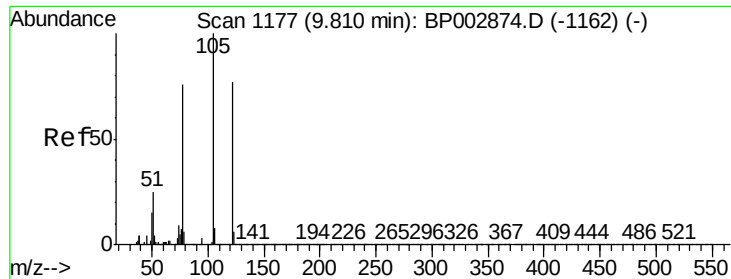
Tot Ion: 82 Resp: 1744347
Ion Ratio Lower Upper
82 100
128 53.6 44.6 66.8
54 36.8 29.2 43.8



#26
2-Nitrophenol
Concen: 4.534 ng
RT: 9.59 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Tgt Ion: 139 Resp: 159
Ion Ratio Lower Upper
139 100
109 44.4 19.5 29.3#
65 70.1 26.6 40.0#

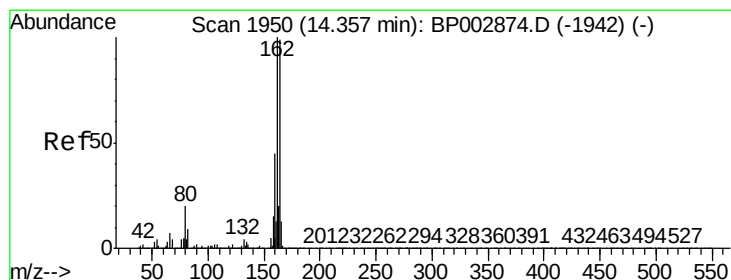
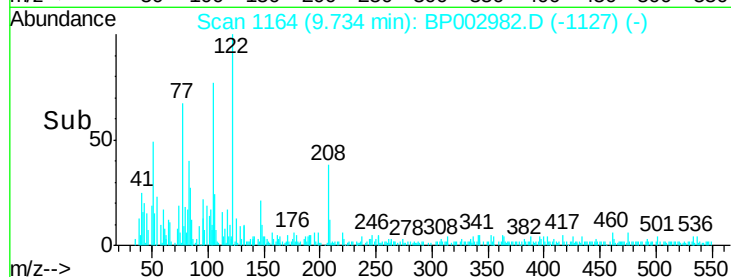
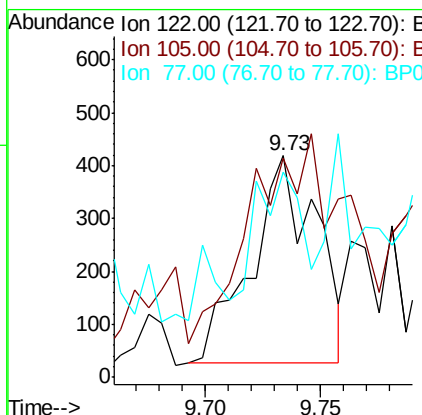
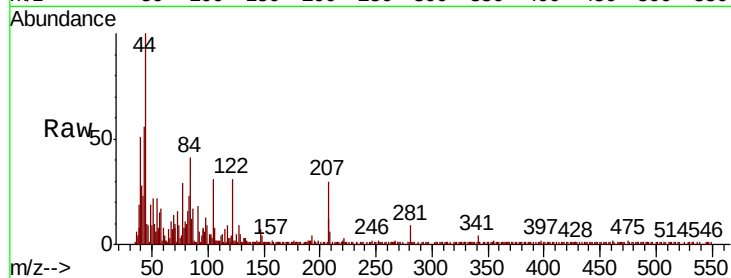




#32
Benzoic acid
Concen: 7.739 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

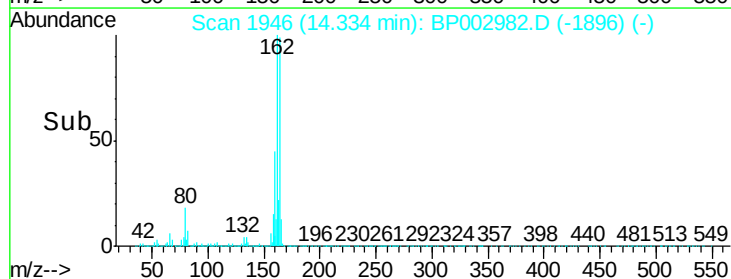
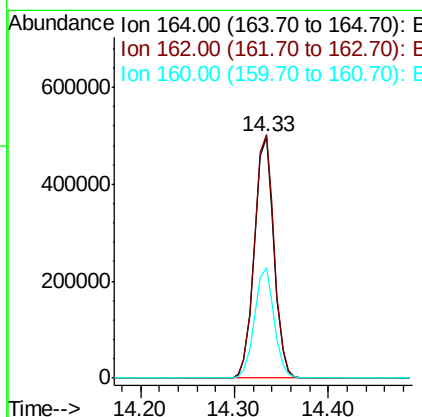
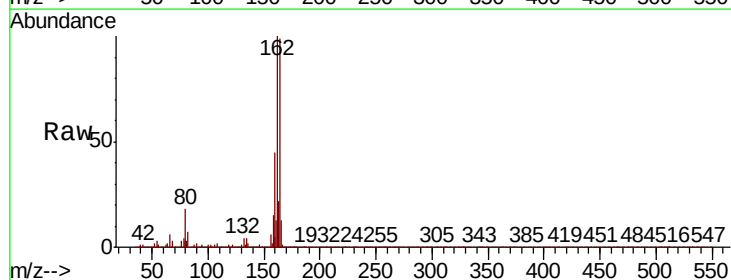
Instrument :
BNA_P
ClientSampleId :
DFTPP

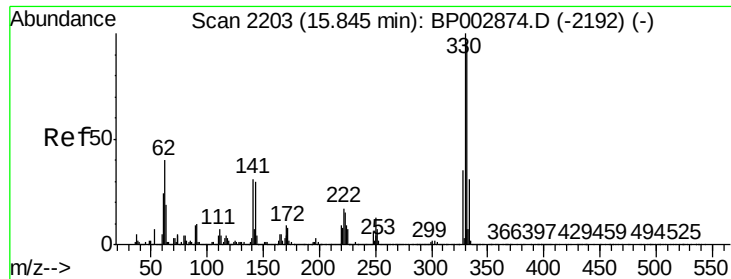
Tot Ion	Ratio	Lower	Upper
122	100		
105	99.3	95.8	135.8
77	92.6	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.4
160	45.7	36.2	54.4

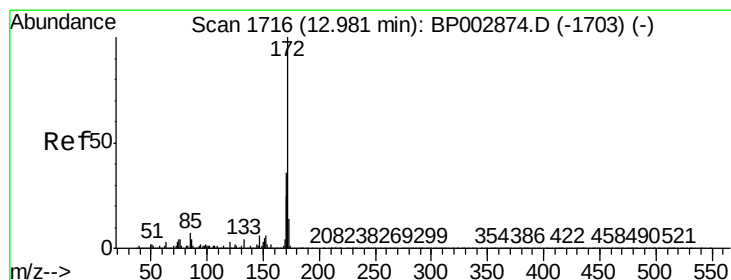
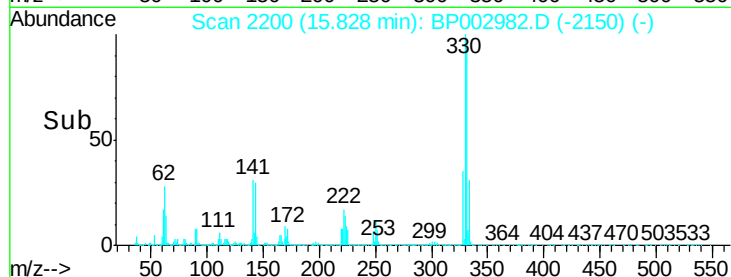
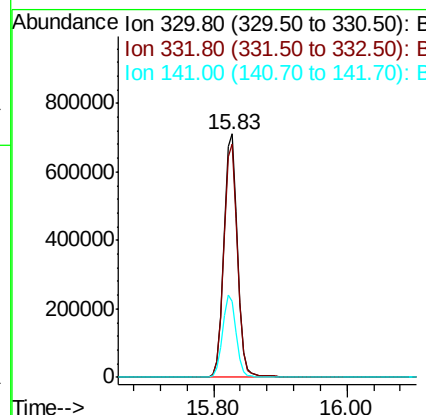
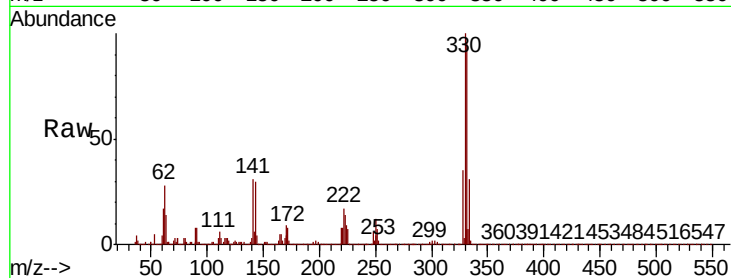




#42
2,4,6-Tribromophenol
Concen: 115.969 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

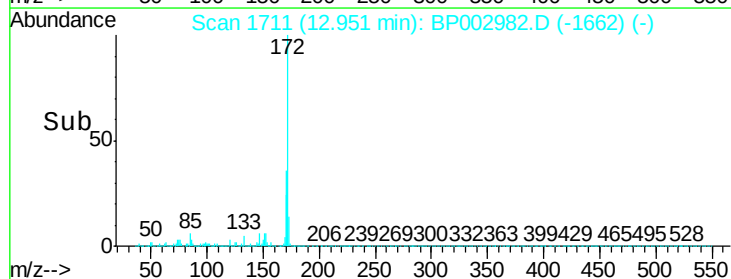
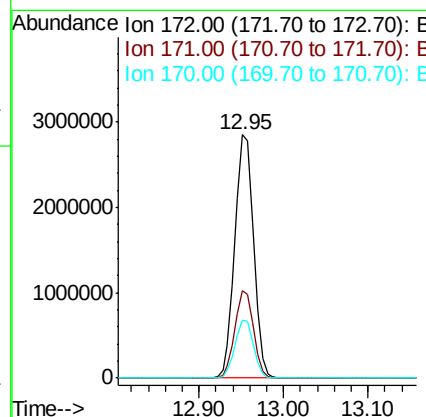
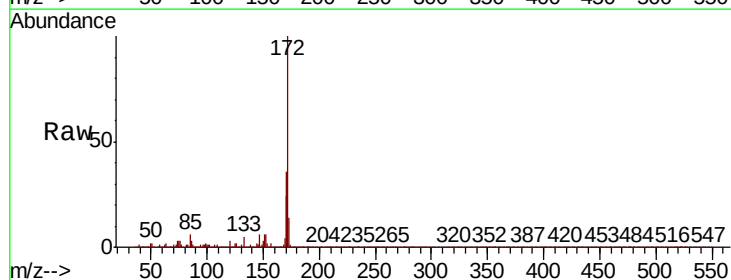
Instrument :
BNA_P
ClientSampleId :
DFTPP

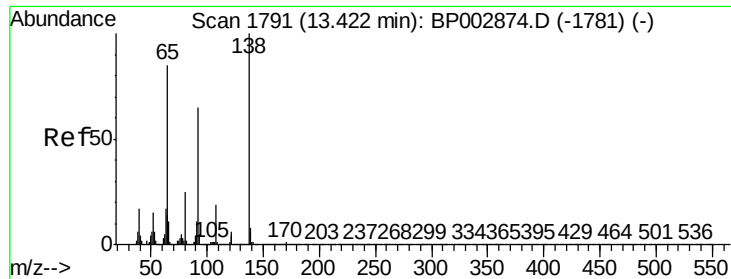
Tot Ion:330 Resp: 1027461
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 33.9 28.6 43.0



#45
2-Fluorobiphenyl
Concen: 83.043 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Tgt Ion:172 Resp: 4332596
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 19.6 29.4





#48

2-Nitroaniline

Concen: 3.978 ng

RT: 13.40 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

Instrument :

BNA_P

ClientSampleId :

DFTPP

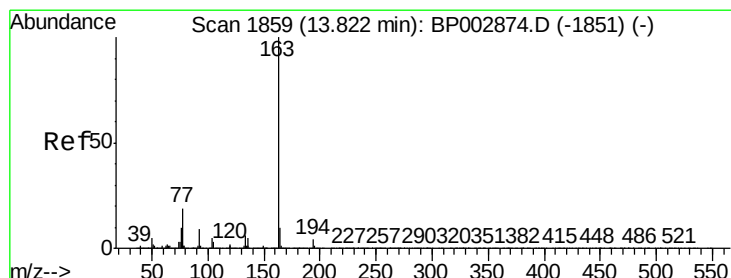
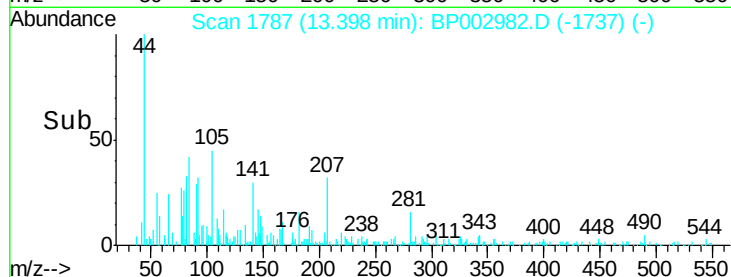
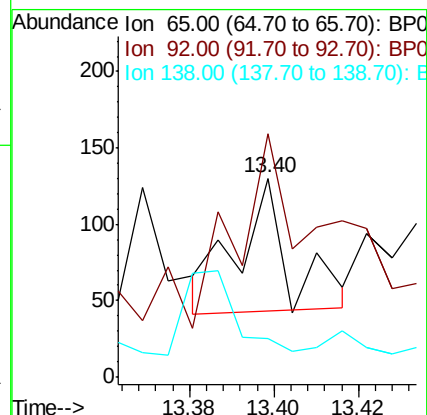
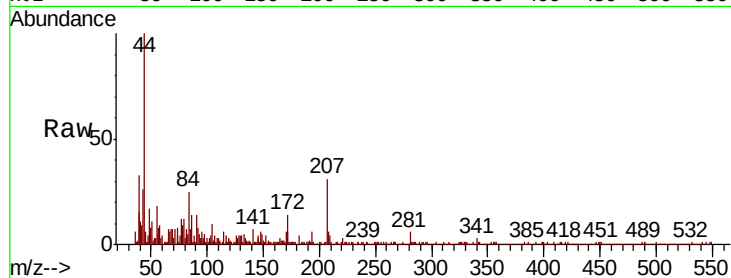
Tot Ion: 65 Resp: 75

Ion Ratio Lower Upper

65 100

92 122.3 69.6 104.4#

138 19.2 125.6 188.4#



#50

Dimethylphthalate

Concen: 4.015 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

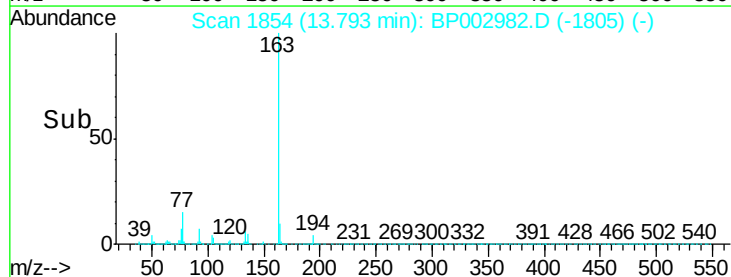
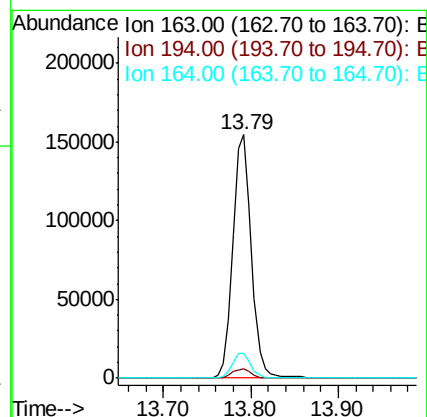
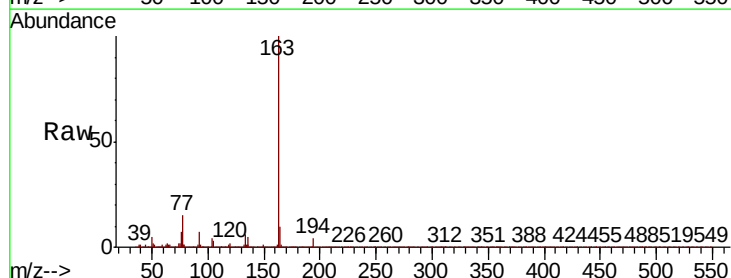
Tgt Ion: 163 Resp: 223852

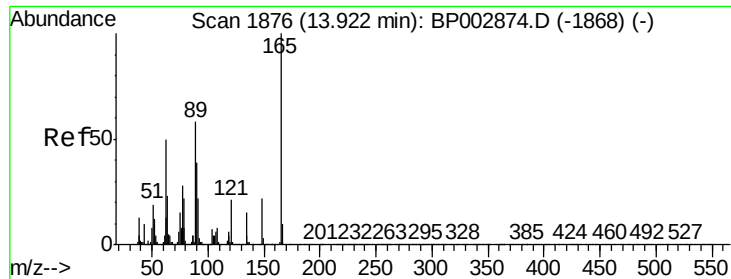
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.2 12.4

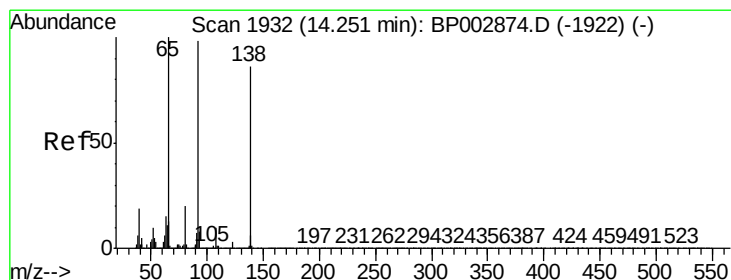
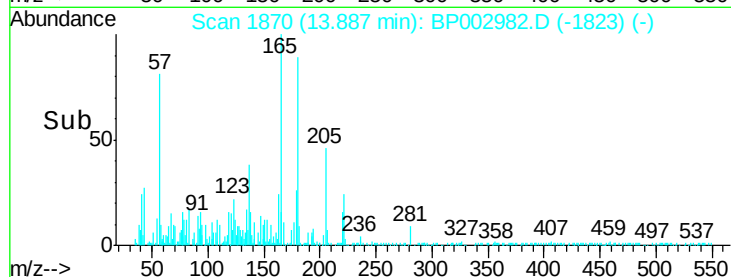
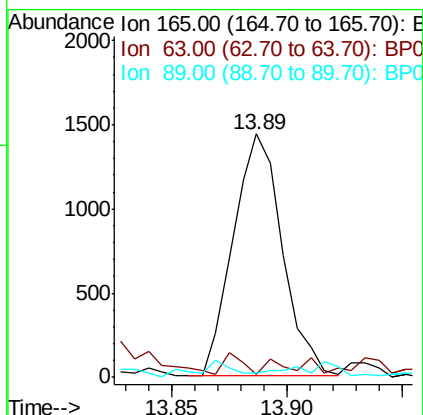
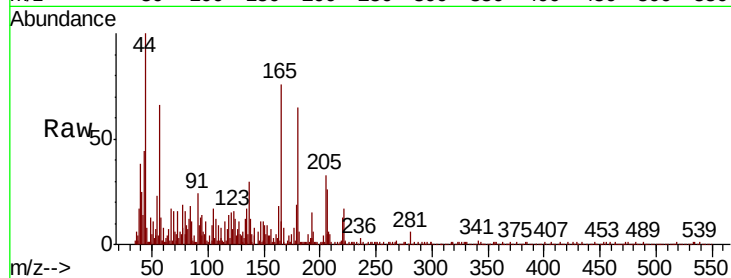




#51
 2,6-Dinitrotoluene
 Concen: 3.057 ng
 RT: 13.89 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BP002982.D
 Acq: 14 Aug 2020 13:39

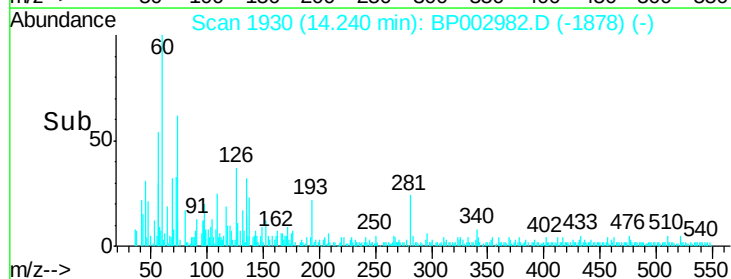
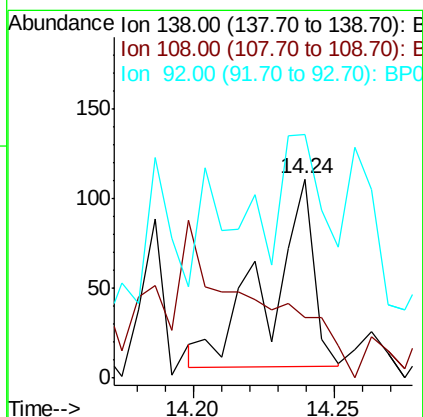
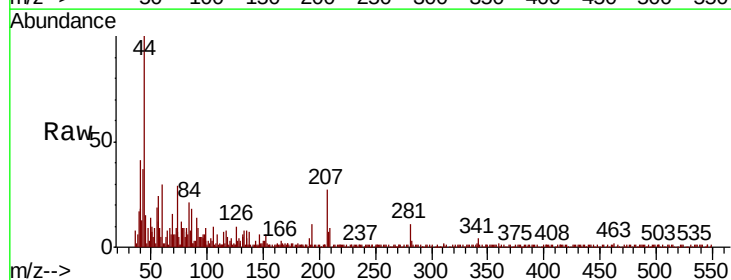
Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

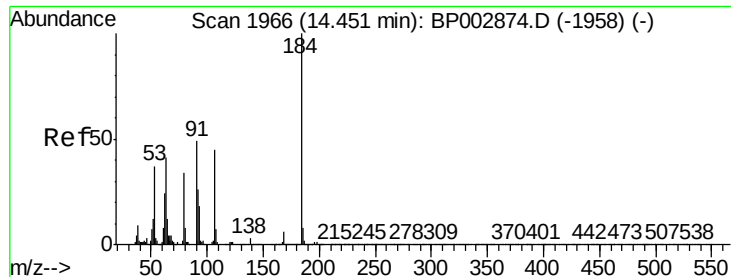
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.5	41.3#
89	3.1	35.3	52.9#



#53
 3-Nitroaniline
 Concen: 3.282 ng
 RT: 14.24 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: BP002982.D
 Acq: 14 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	30.6	7.2	10.8#
92	122.5	75.8	113.6#

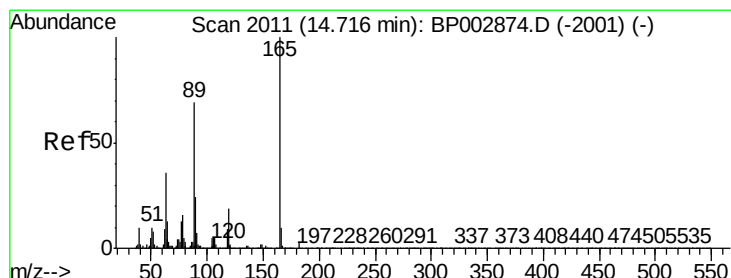
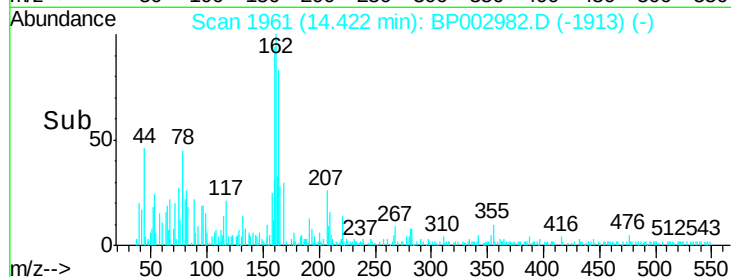
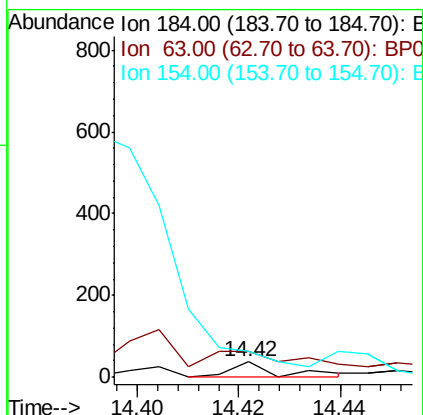
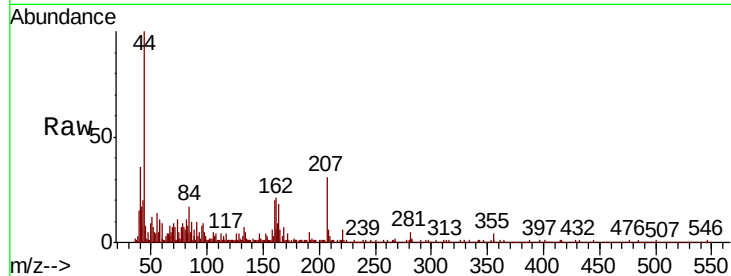




#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

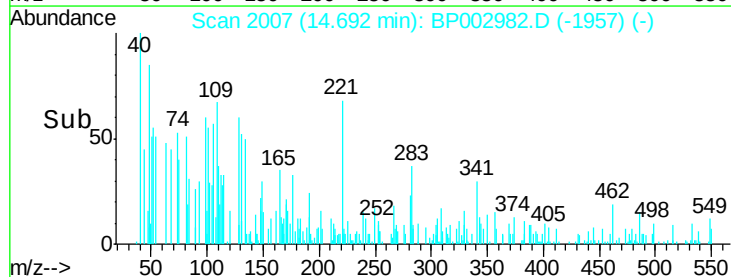
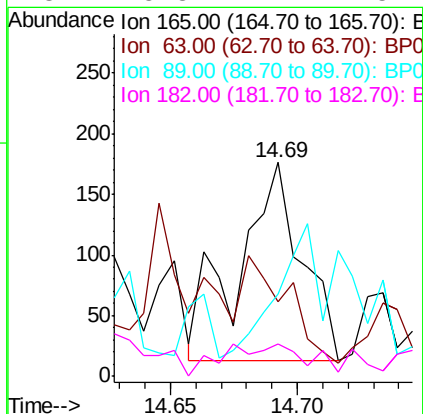
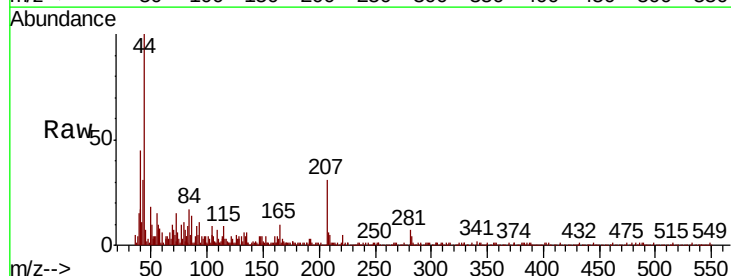
Instrument :
BNA_P
ClientSampleId :
DFTPP

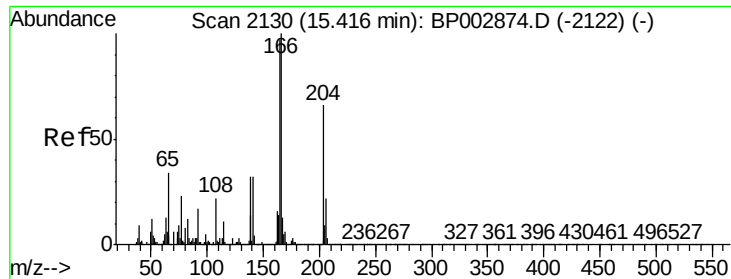
Tot Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 171.1 36.4 54.6#
154 165.8 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.822 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Tgt Ion:165 Resp: 284
Ion Ratio Lower Upper
165 100
63 34.7 22.6 34.0#
89 38.6 46.2 69.2#
182 15.3 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.428 ng

RT: 15.40 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

Instrument :

BNA_P

ClientSampled :

DFTPP

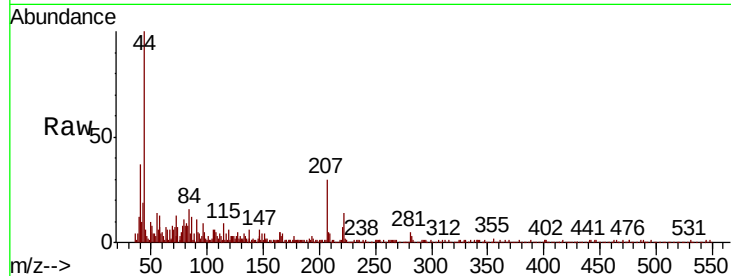
Tot Ion:138 Resp: 159

Ion Ratio Lower Upper

138 100

92 77.8 21.2 61.2#

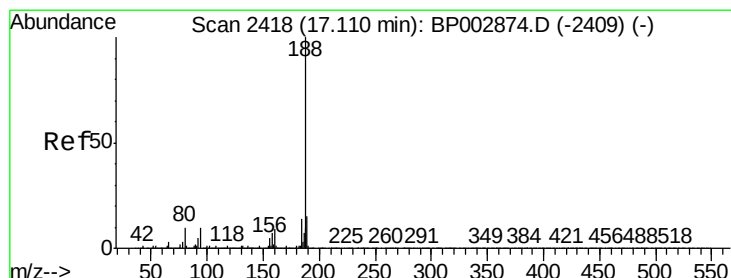
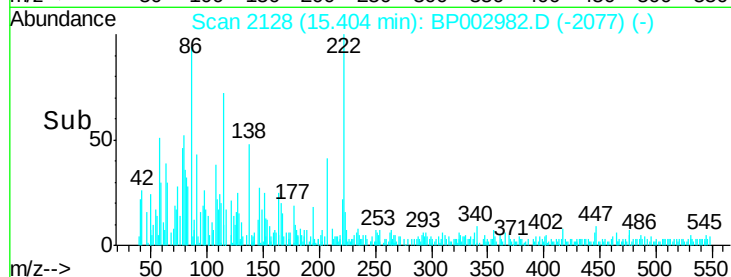
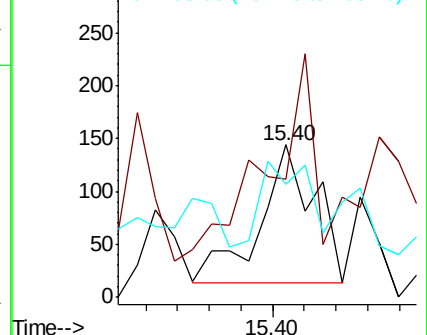
108 74.3 40.5 80.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

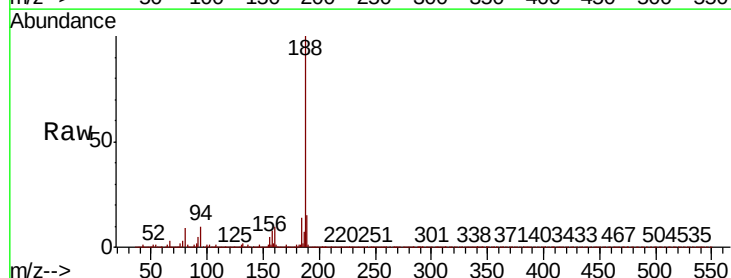
Tgt Ion:188 Resp: 1422026

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

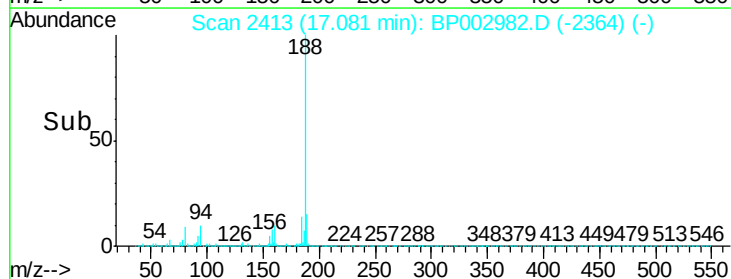
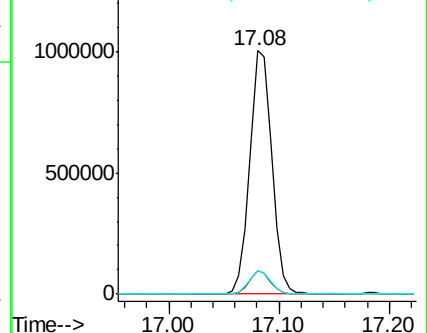
80 9.5 7.0 10.6

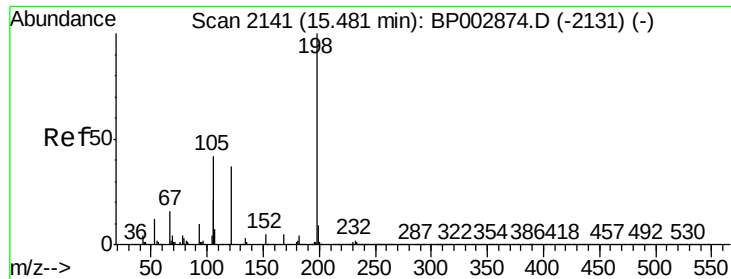


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

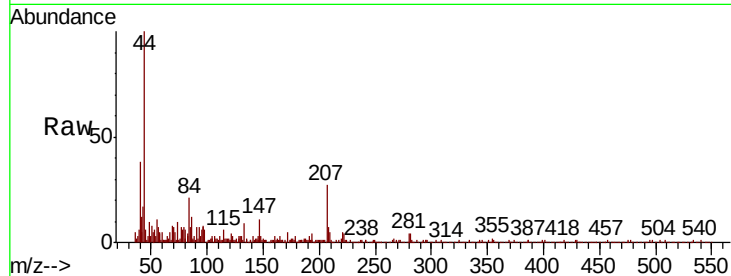




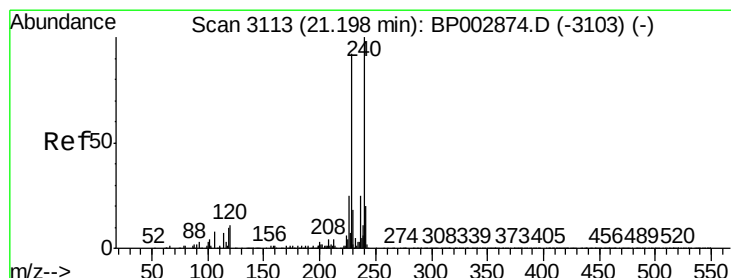
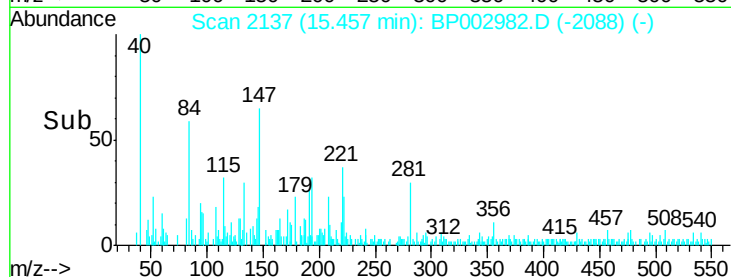
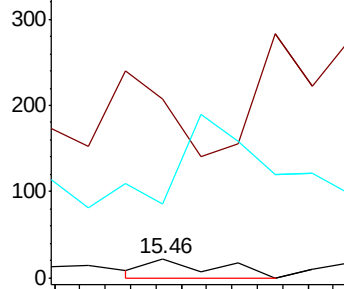
#65
4,6-Dinitro-2-methylphenol
Concen: 6.902 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Instrument :
BNA_P
ClientSampleId :
DFTPP

Tot Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 940.9 6.5 46.5#
105 386.4 20.4 60.4#

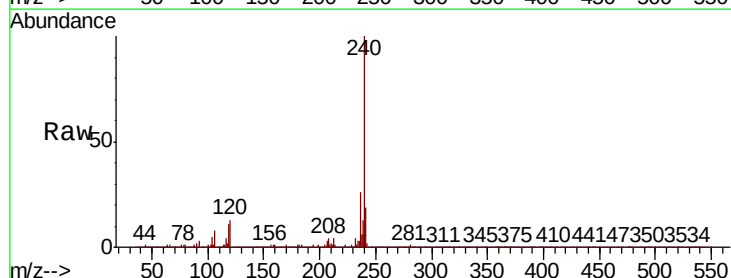


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

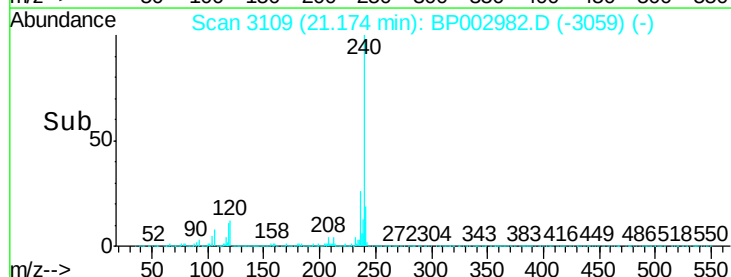
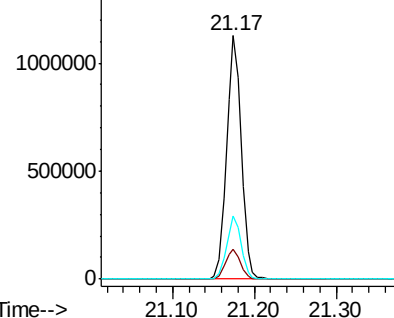


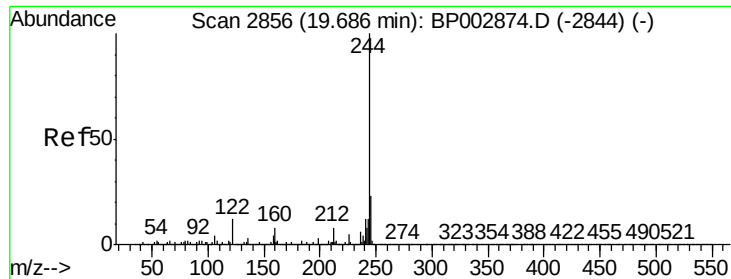
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Tgt Ion:240 Resp: 1410247
Ion Ratio Lower Upper
240 100
120 12.5 10.6 16.0
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.491 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

Instrument :

BNA_P

ClientSampleId :

DFTPP

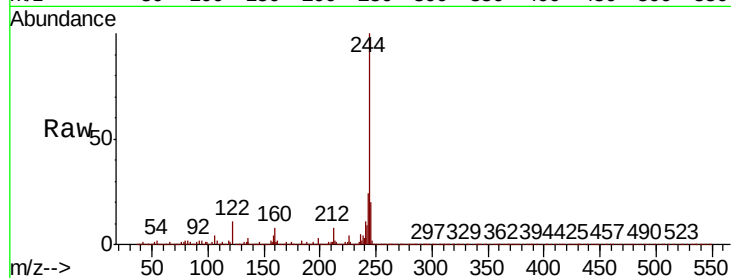
Tot Ion:244 Resp: 5317828

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

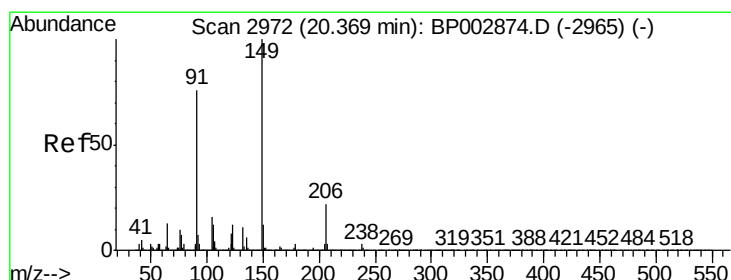
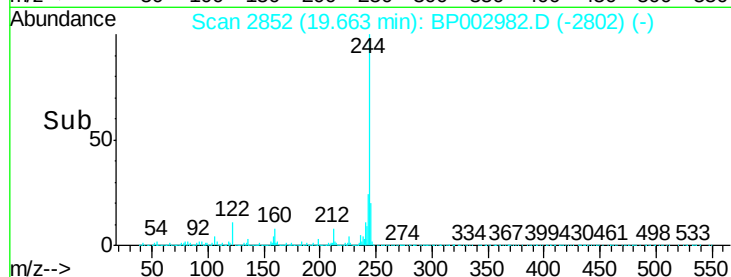
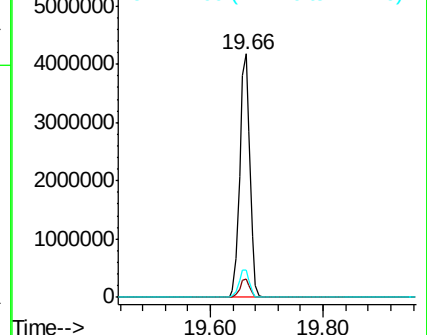
122 11.3 9.9 14.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.254 ng

RT: 20.35 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BP002982.D

Acq: 14 Aug 2020 13:39

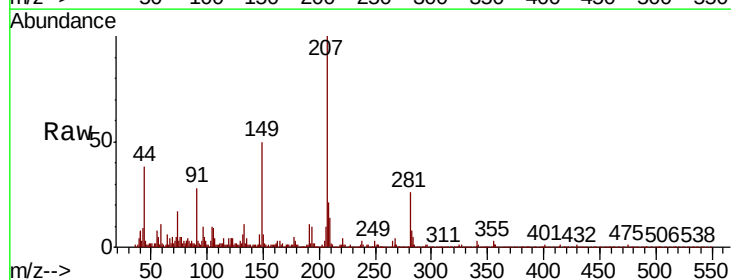
Tgt Ion:149 Resp: 8385

Ion Ratio Lower Upper

149 100

91 56.2 46.5 69.7

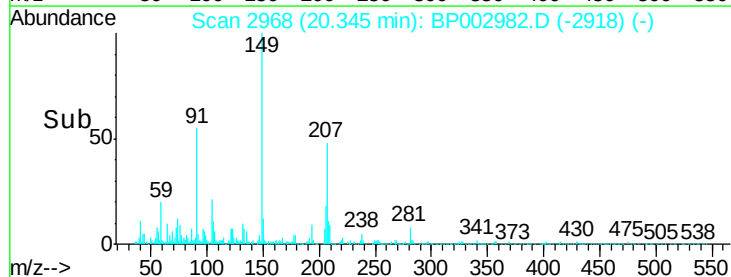
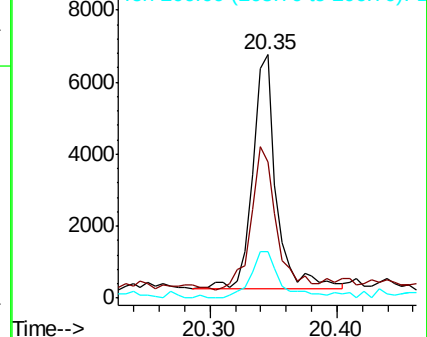
206 19.3 17.2 25.8

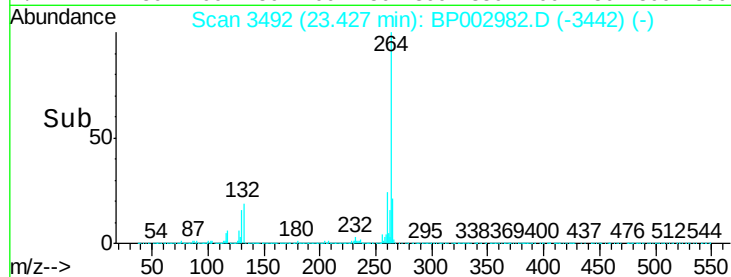
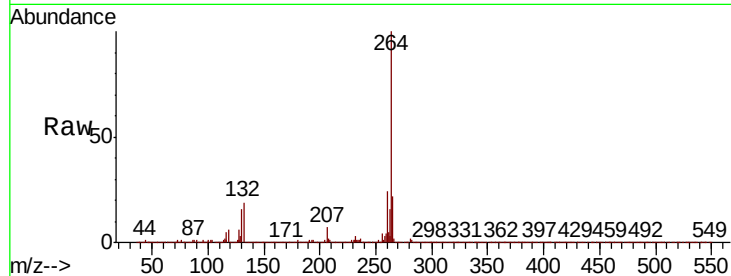
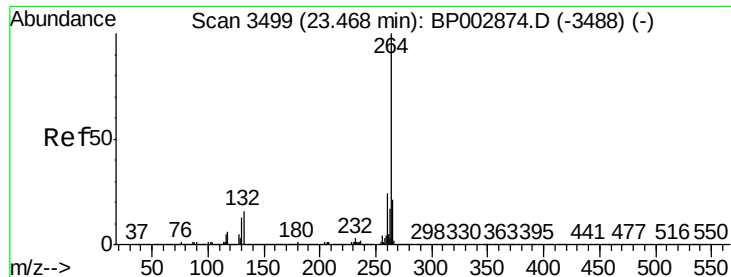


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP002982.D
Acq: 14 Aug 2020 13:39

Instrument :
BNA_P
ClientSampleId :
DFTPP

Tot Ion:264 Resp: 1531058

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	17.6	26.4

