

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002892.D
 Acq On : 31 Jul 2020 14:08
 Operator : CG/JU
 Sample : PB130646BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130646BL

Quant Time: Jul 31 14:52:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

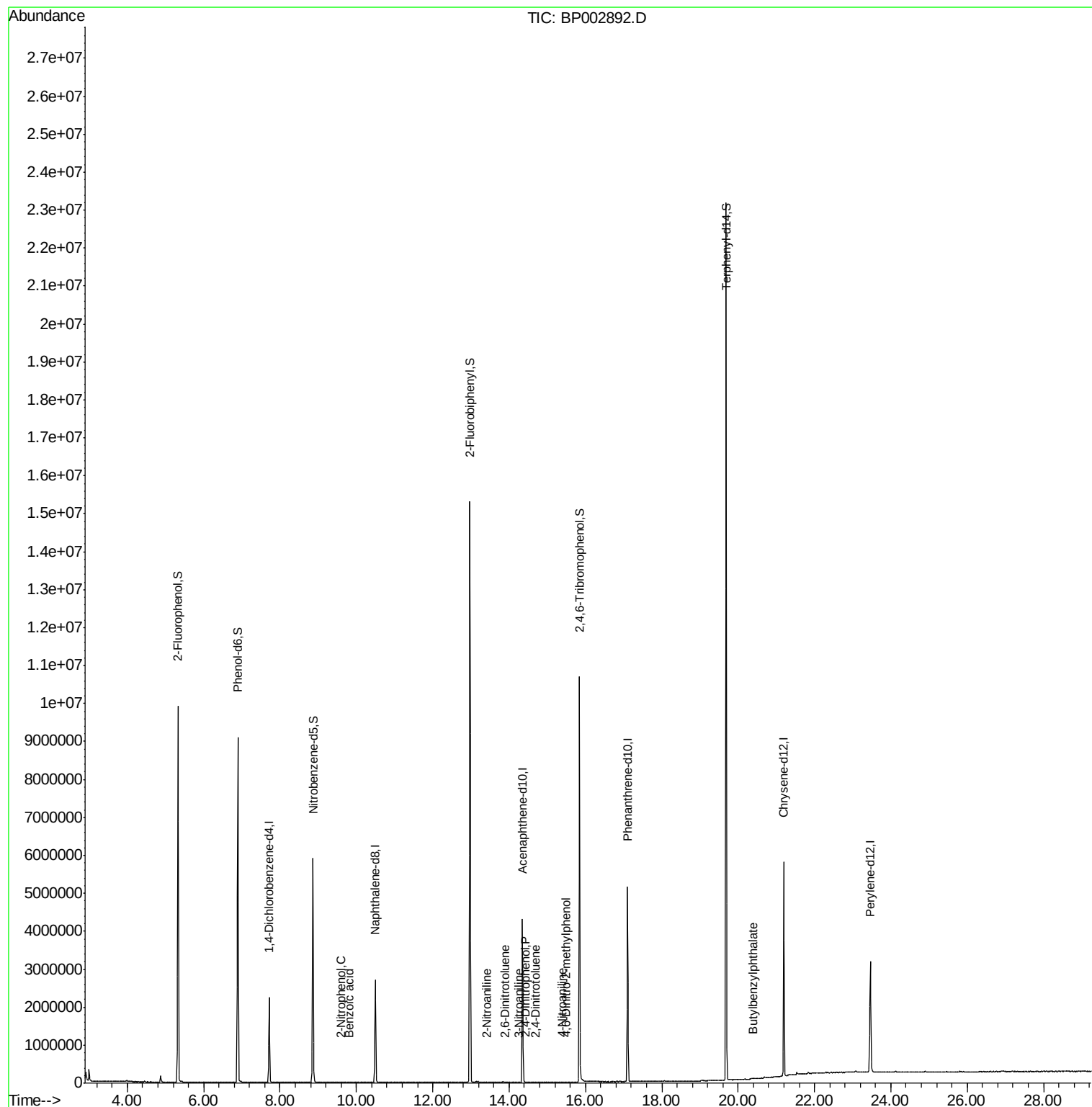
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	604214	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2331746	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1409957	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2984622	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2463558	20.00	ng	0.00
86) Perylene-d12	23.46	264	2052514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	4615463	116.91	ng	0.00
7) Phenol-d6	6.89	99	5805888	105.93	ng	0.00
23) Nitrobenzene-d5	8.86	82	3543239	82.30	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	2113709	120.62	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	7848901	76.06	ng	0.00
79) Terphenyl-d14	19.69	244	9708048	78.89	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.61	139	19	4.521	ng	# 1
32) Benzoic acid	9.80	122	24	7.687	ng	# 1
48) 2-Nitroaniline	13.41	65	82	3.975	ng	# 43
51) 2,6-Dinitrotoluene	13.91	165	49	2.901	ng	# 7
53) 3-Nitroaniline	14.26	138	83	3.276	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	16	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	129	3.809	ng	# 64
62) 4-Nitroaniline	15.38	138	176	2.423	ng	# 71
65) 4,6-Dinitro-2-methylphenol	15.48	198	10	6.901	ng	# 1
80) Butylbenzylphthalate	20.39	149	413	3.063	ng	# 44

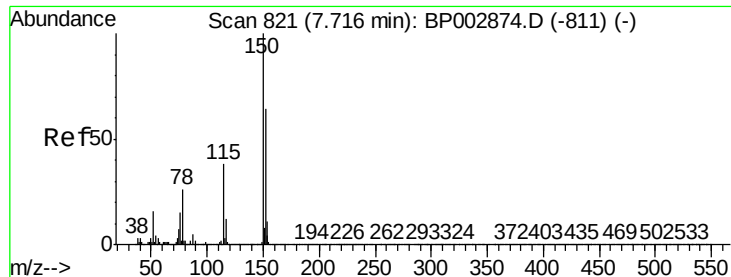
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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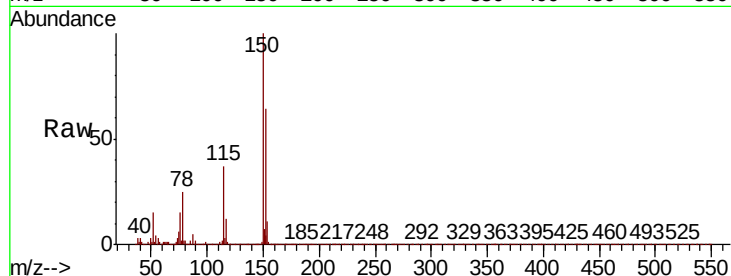


#1

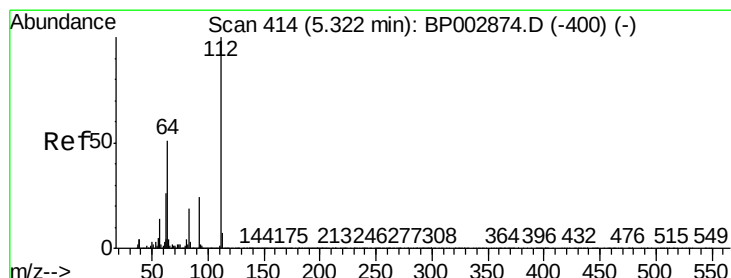
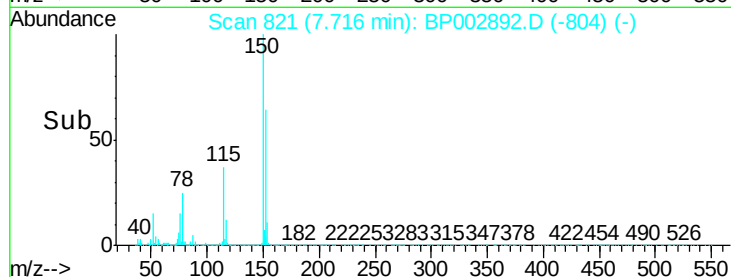
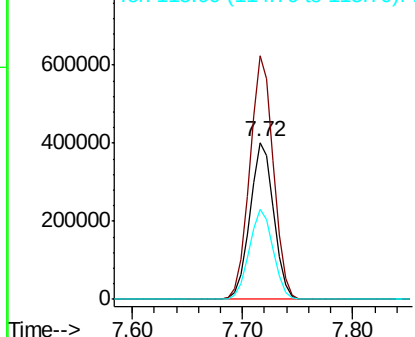
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Instrument :
BNA_P
ClientSampleId :
PB130646BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.8	187.2
115	57.2	47.4	71.2



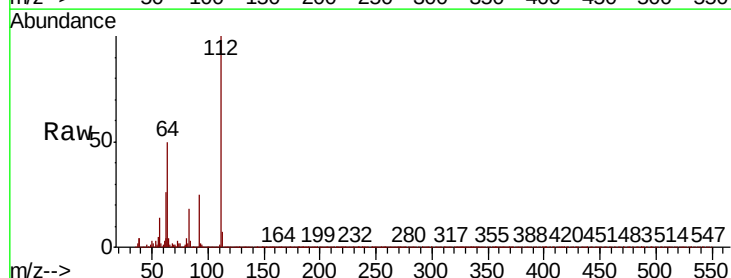
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



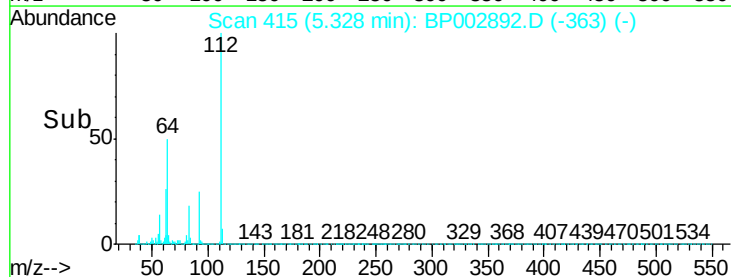
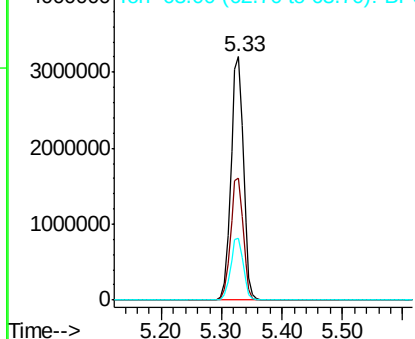
#5

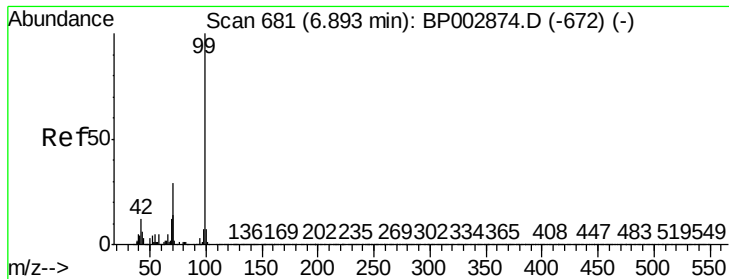
2-Fluorophenol
Concen: 116.911 ng
RT: 5.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	41.0	61.6
63	25.6	20.7	31.1



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: 105.927 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002892.D

Acq: 31 Jul 2020 14:08

Instrument :

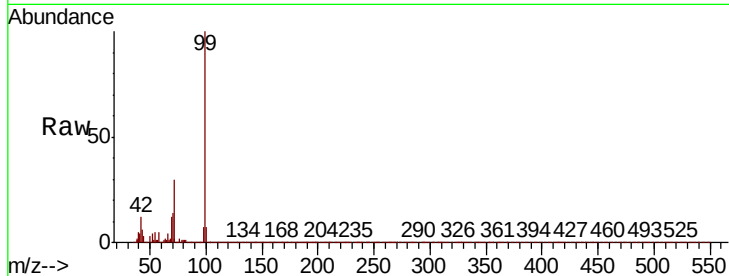
BNA_P

ClientSampleId :

PB130646BL

Tot Ion: 99 Resp: 5805888

Ion	Ratio	Lower	Upper
99	100		
42	11.8	9.3	13.9
71	30.3	23.5	35.3

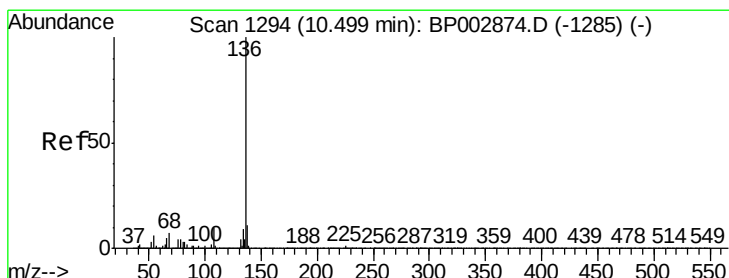
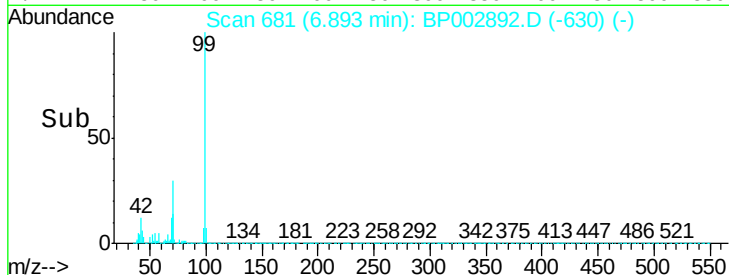
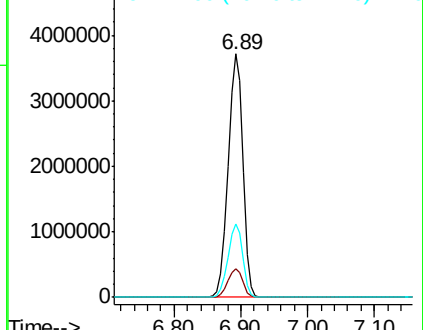


Abundance

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: 10.50 min Scan# 1294

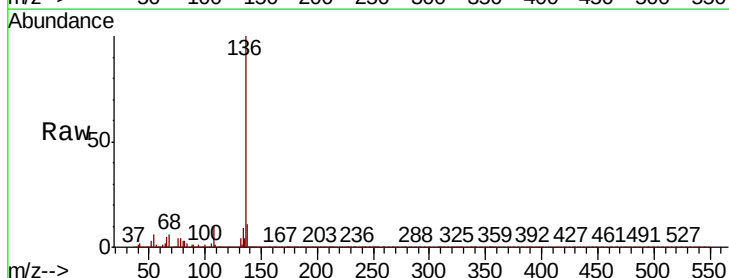
Delta R.T. -0.00 min

Lab File: BP002892.D

Acq: 31 Jul 2020 14:08

Tgt Ion: 136 Resp: 2331746

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.0	5.1	7.7
68	6.2	5.3	7.9



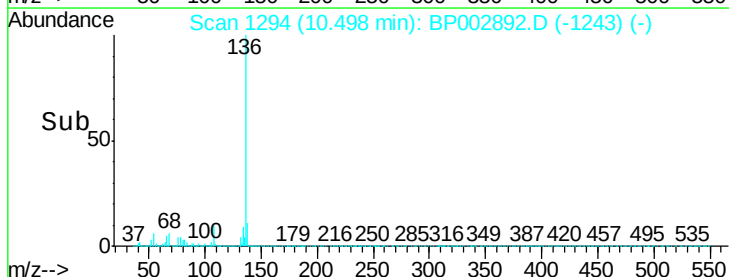
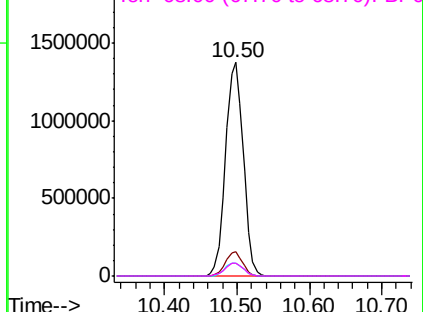
Abundance

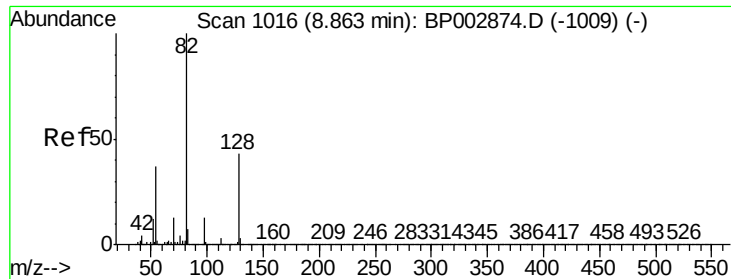
Ion 136.00 (135.70 to 136.70): E

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

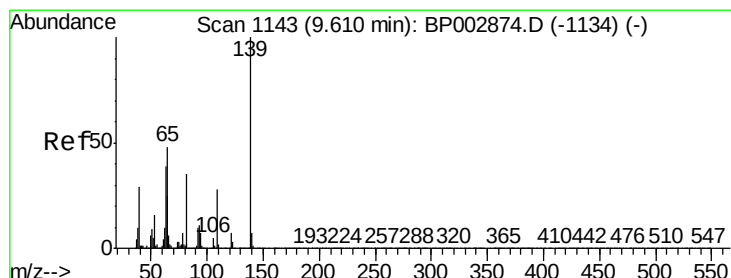
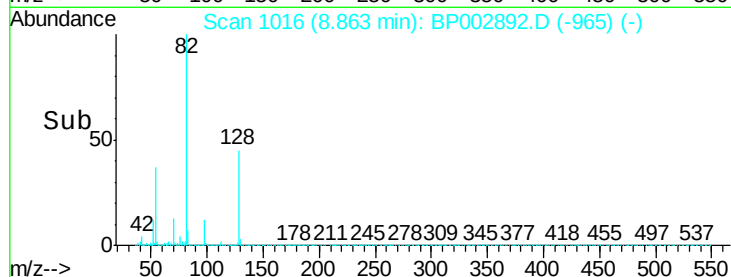
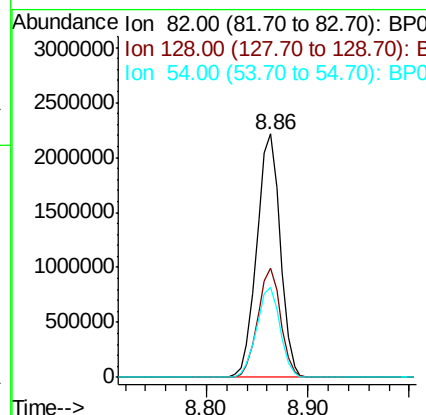
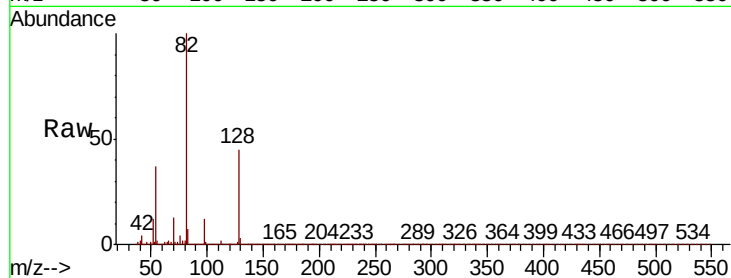




#23
 Nitrobenzene-d5
 Concen: 82.303 ng
 RT: 8.86 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BP002892.D
 Acq: 31 Jul 2020 14:08

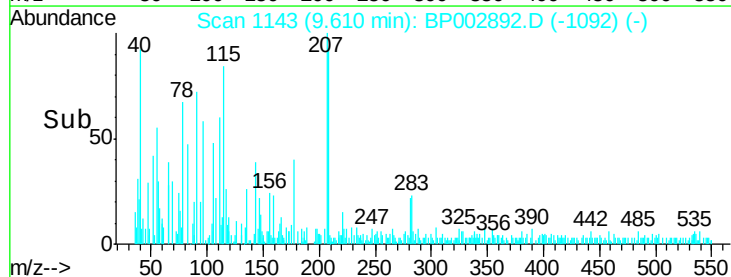
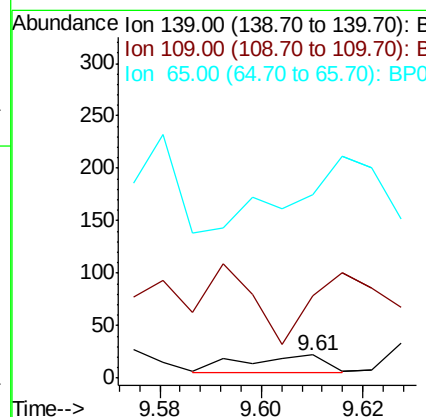
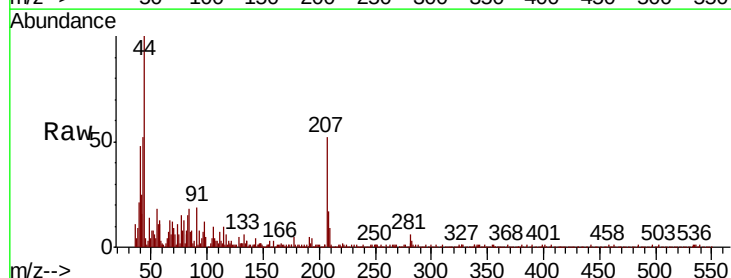
Instrument :
 BNA_P
 ClientSampleID :
 PB130646BL

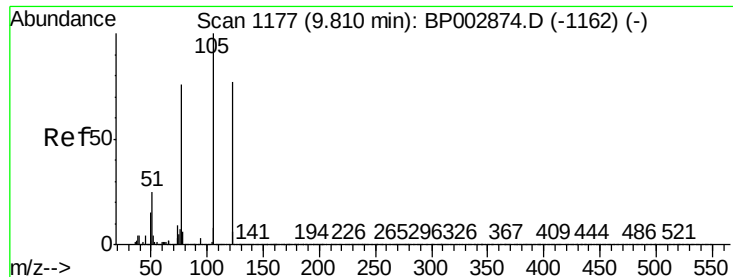
Tot Ion: 82 Resp: 3543239
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 52.0
 54 36.8 29.5 44.3



#26
 2-Nitrophenol
 Concen: 4.521 ng
 RT: 9.61 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BP002892.D
 Acq: 31 Jul 2020 14:08

Tgt Ion:139 Resp: 19
 Ion Ratio Lower Upper
 139 100
 109 354.5 22.2 33.2#
 65 795.5 38.9 58.3#





#32

Benzoic acid

Concen: 7.687 ng

RT: 9.80 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BP002892.D

Acq: 31 Jul 2020 14:08

Instrument :

BNA_P

ClientSampleId :

PB130646BL

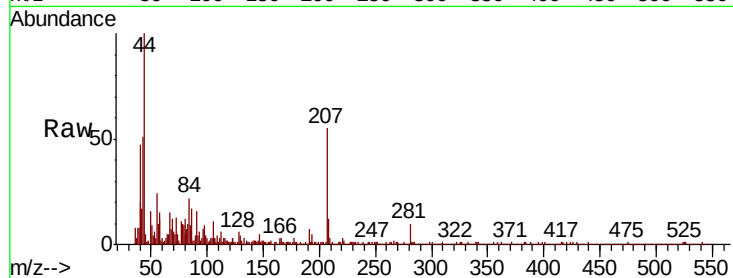
Tot Ion:122 Resp: 24

Ion Ratio Lower Upper

122 100

105 333.0 103.4 143.4#

77 323.4 74.6 114.6#



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

400

300

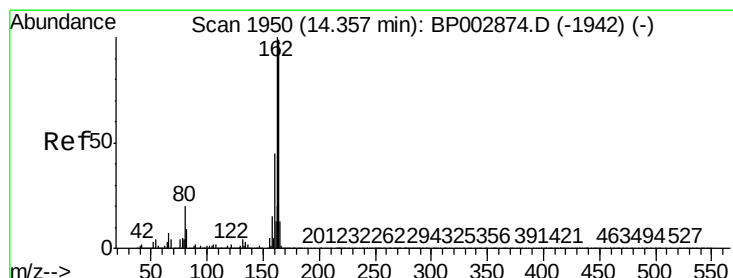
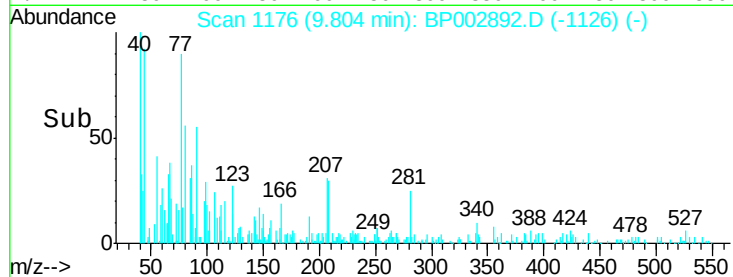
200

100

0

9.79 9.80 9.80 9.81

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP002892.D

Acq: 31 Jul 2020 14:08

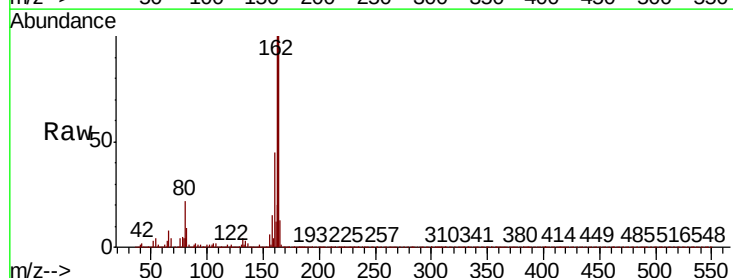
Tgt Ion:164 Resp: 1409957

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

160 45.5 36.2 54.4



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

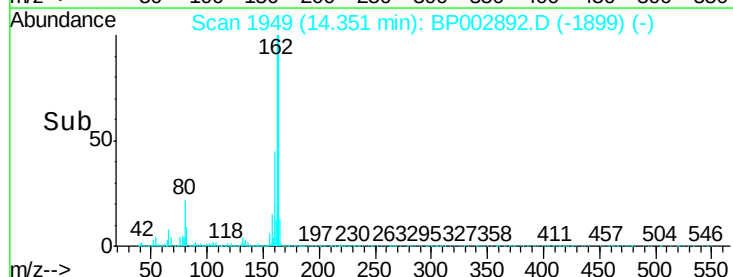
1000000

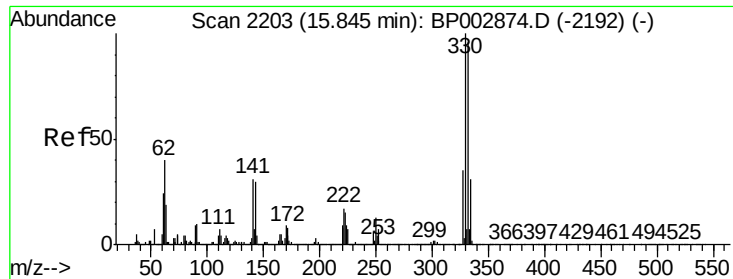
500000

0

14.30 14.35 14.40 14.50

Time-->

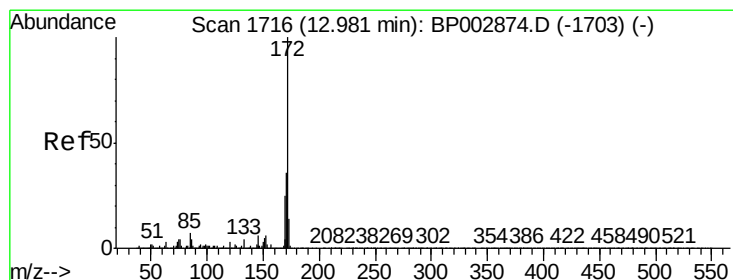
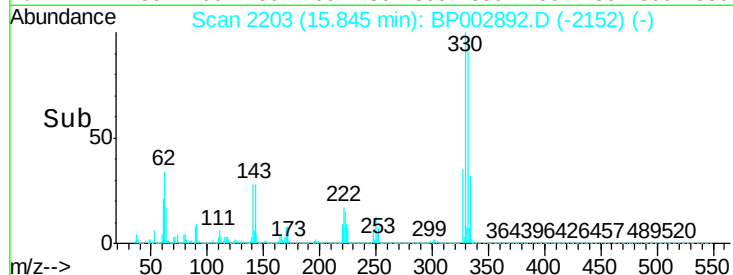
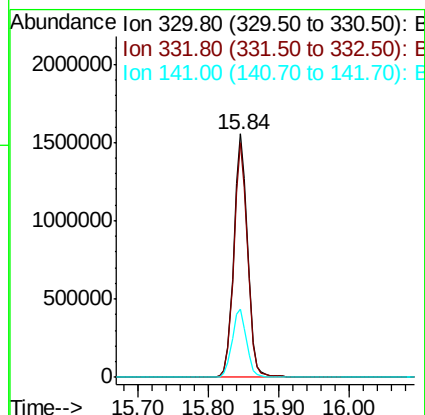
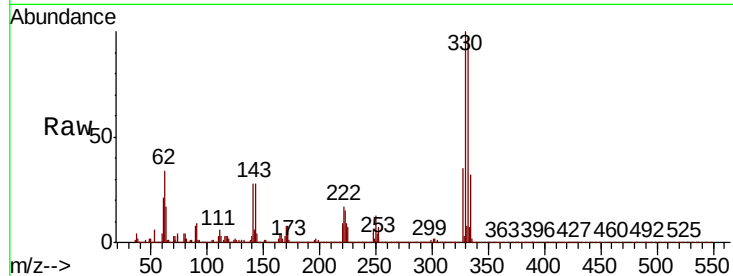




#42
2,4,6-Tribromophenol
Concen: 120.617 ng
RT: 15.84 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

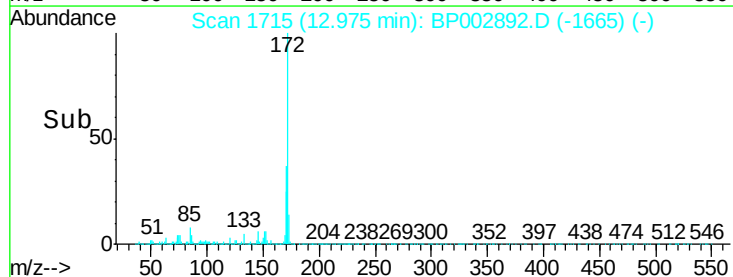
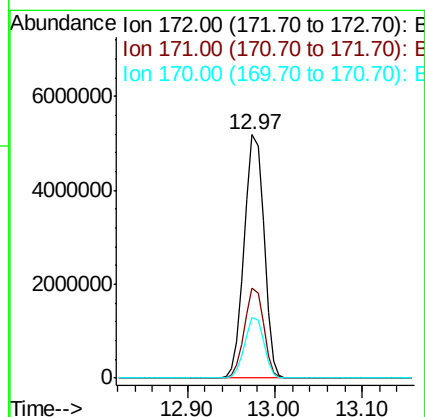
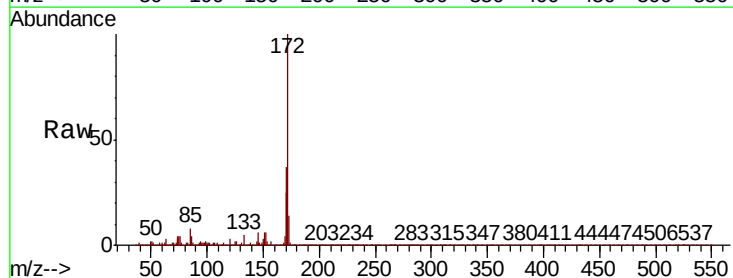
Instrument :
BNA_P
ClientSampleId :
PB130646BL

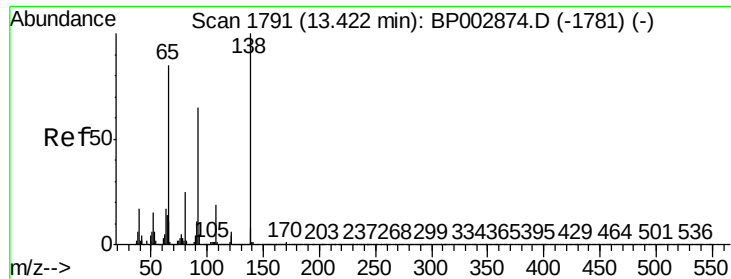
Tot Ion:330 Resp: 2113709
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 29.3 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 76.059 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Tgt Ion:172 Resp: 7848901
Ion Ratio Lower Upper
172 100
171 37.0 29.1 43.7
170 25.0 19.6 29.4





#48

2-Nitroaniline

Concen: 3.975 ng

RT: 13.41 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BP002892.D

Acq: 31 Jul 2020 14:08

Instrument :

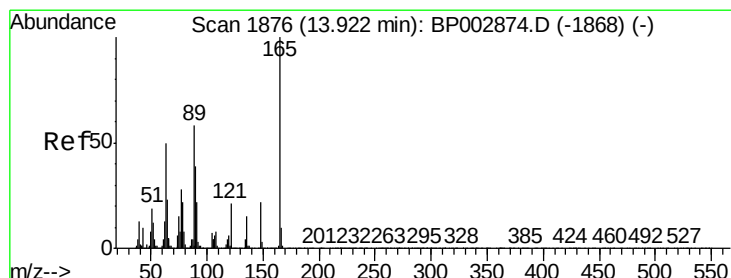
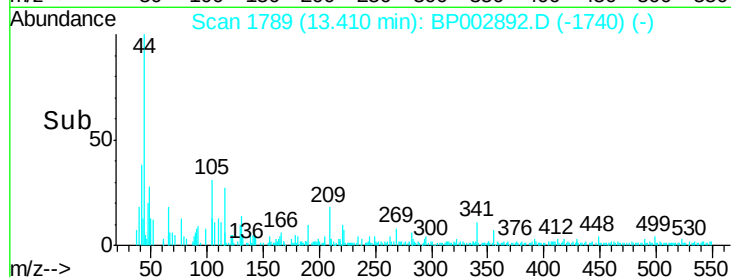
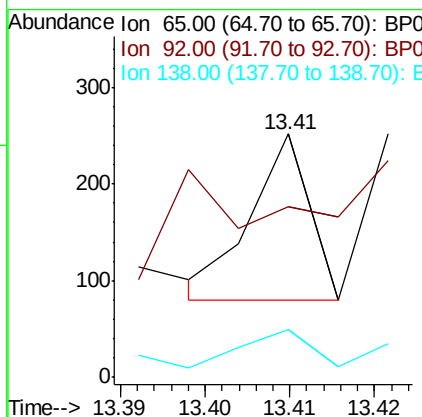
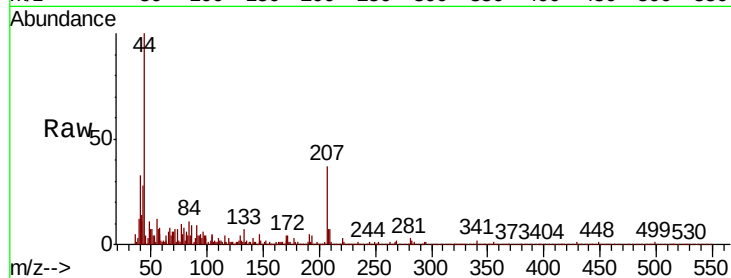
BNA_P

ClientSampleId :

PB130646BL

Tot Ion: 65 Resp: 82

Ion	Ratio	Lower	Upper
65	100		
92	70.2	61.4	92.0
138	19.4	94.2	141.4#



#51

2,6-Dinitrotoluene

Concen: 2.901 ng

RT: 13.91 min Scan# 1874

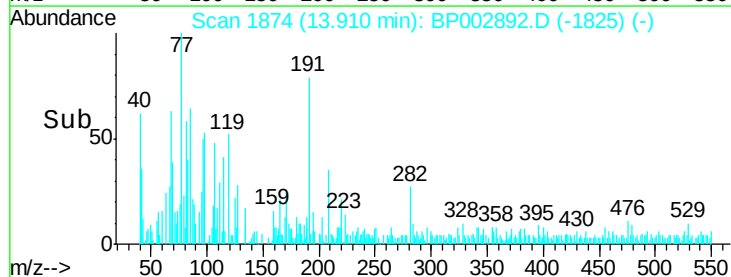
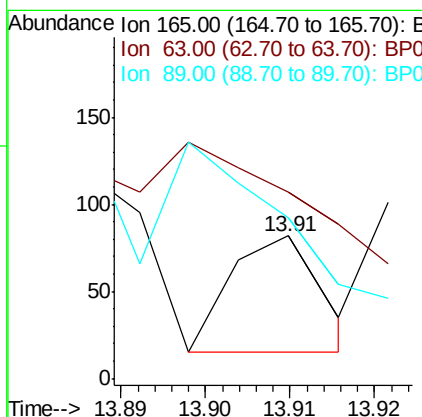
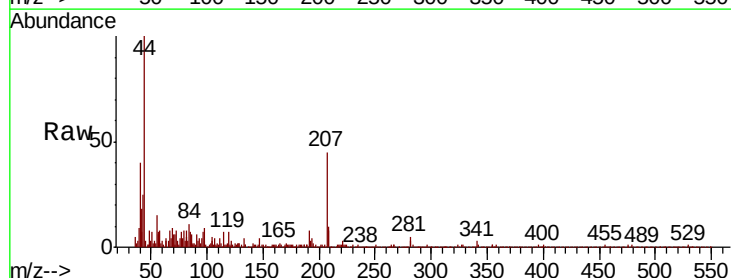
Delta R.T. -0.01 min

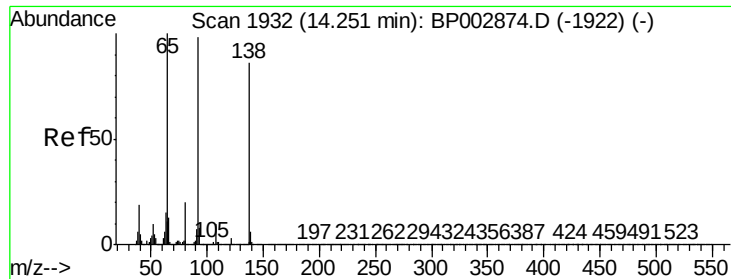
Lab File: BP002892.D

Acq: 31 Jul 2020 14:08

Tgt Ion: 165 Resp: 49

Ion	Ratio	Lower	Upper
165	100		
63	130.5	40.3	60.5#
89	112.2	46.5	69.7#

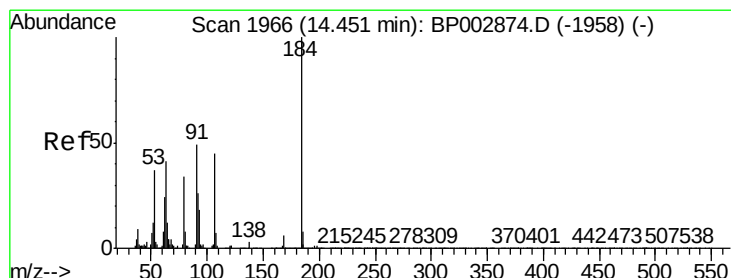
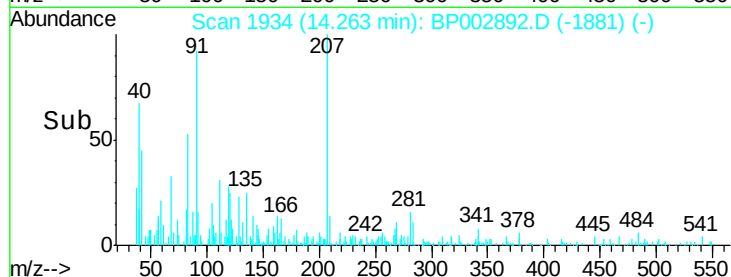
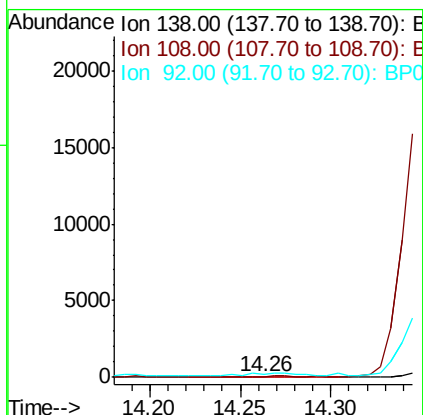
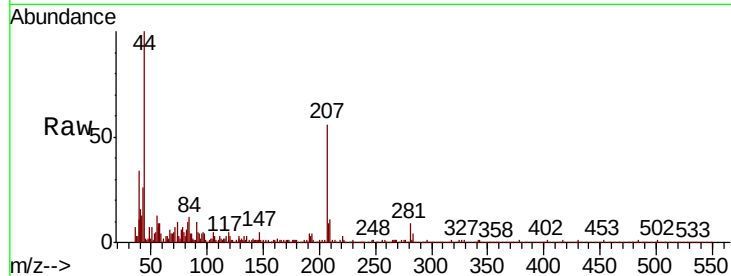




#53
3-Nitroaniline
Concen: 3.276 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

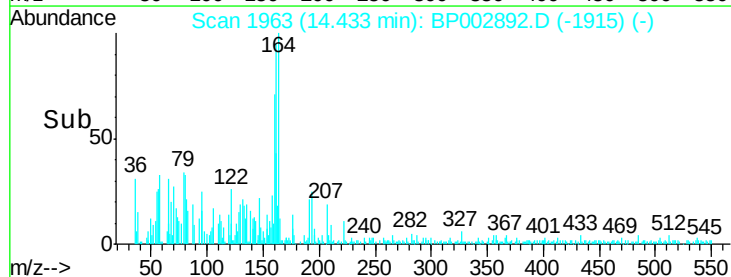
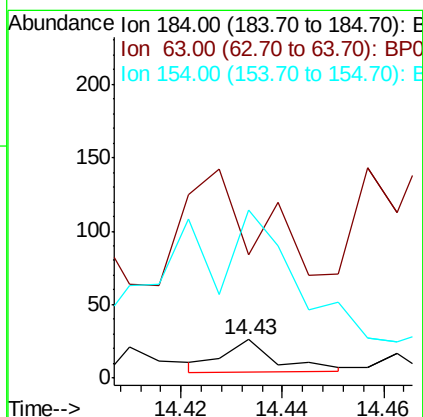
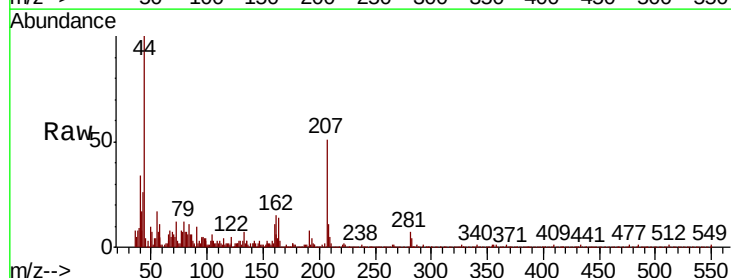
Instrument :
BNA_P
ClientSampleId :
PB130646BL

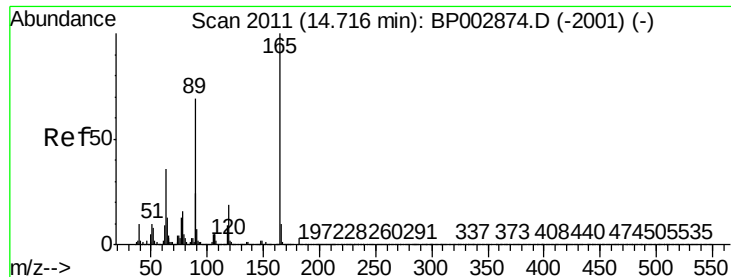
Tot Ion:138 Resp: 83
Ion Ratio Lower Upper
138 100
108 140.6 9.4 14.0#
92 634.4 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 323.1 50.3 75.5#
154 438.5 50.6 76.0#

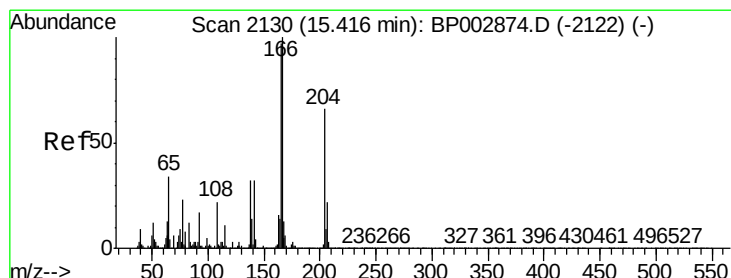
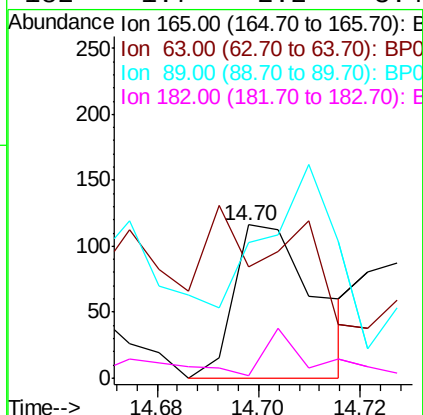
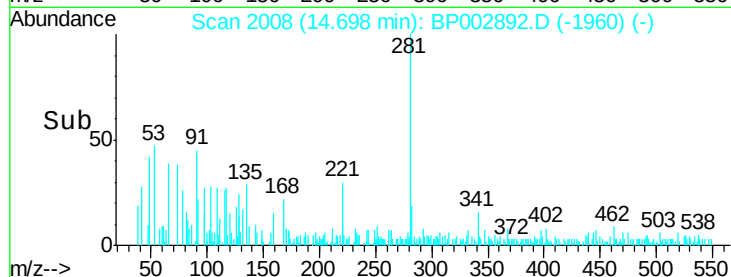
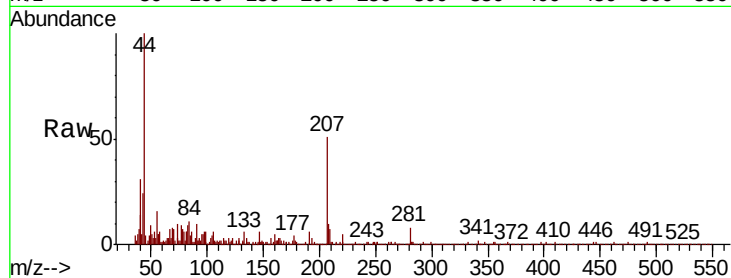




#57
2,4-Dinitrotoluene
Concen: 3.809 ng
RT: 14.70 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

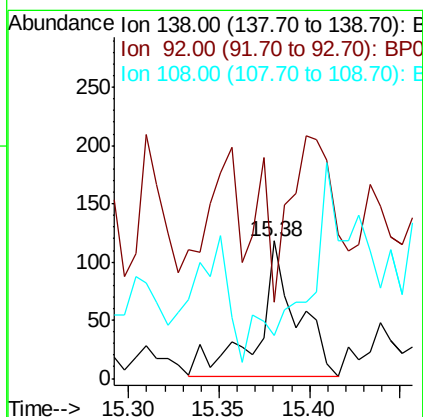
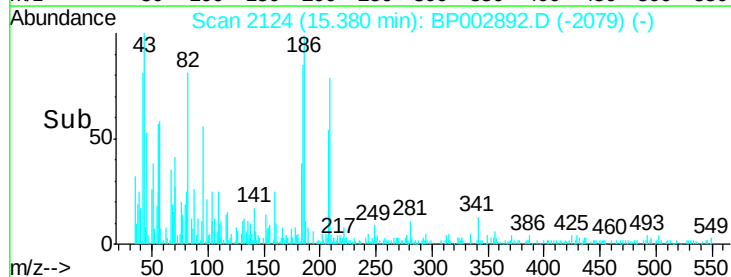
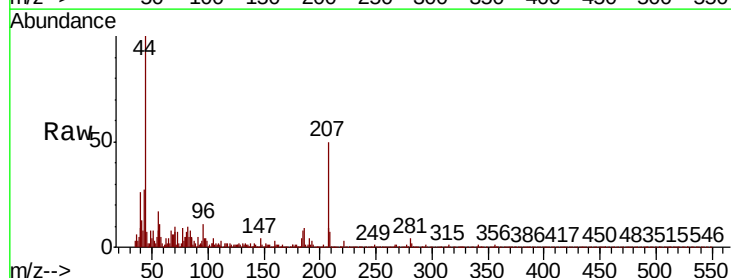
Instrument :
BNA_P
ClientSampleId :
PB130646BL

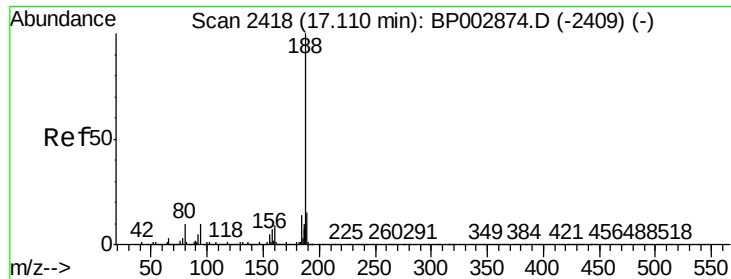
Tot Ion:165	Resp: 129
Ion Ratio	Lower Upper
165 100	
63 72.4	29.0 43.4#
89 88.8	55.5 83.3#
182 1.7	2.2 3.4#



#62
4-Nitroaniline
Concen: 2.423 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.03 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Tgt Ion:138	Resp:	176
Ion Ratio	Lower	Upper
138 100		
92 55.1	32.2	72.2
108 31.4	50.0	90.0#

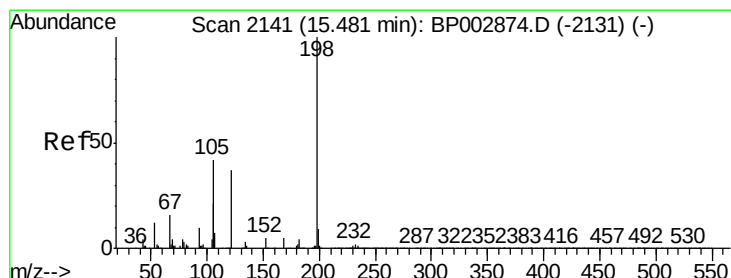
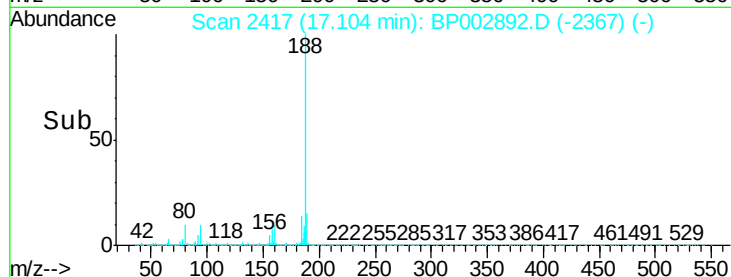
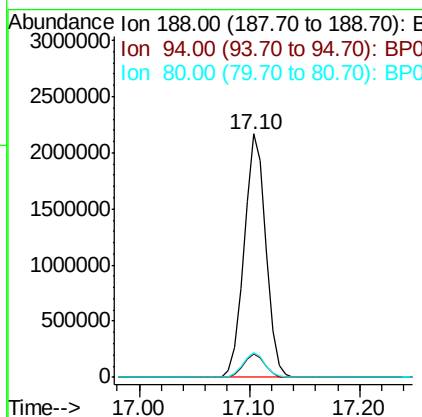
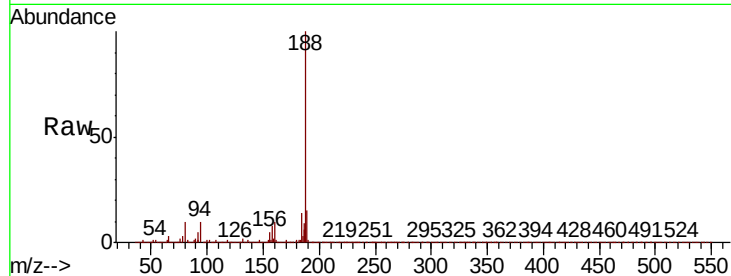




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

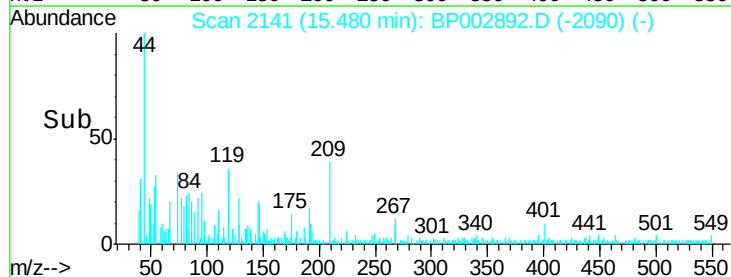
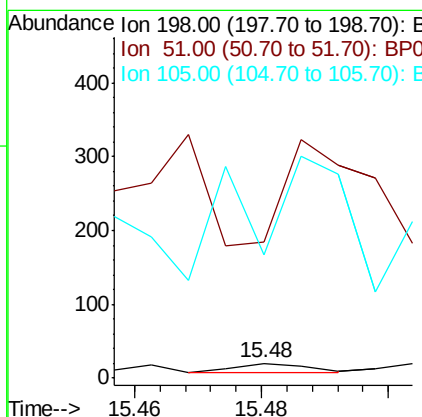
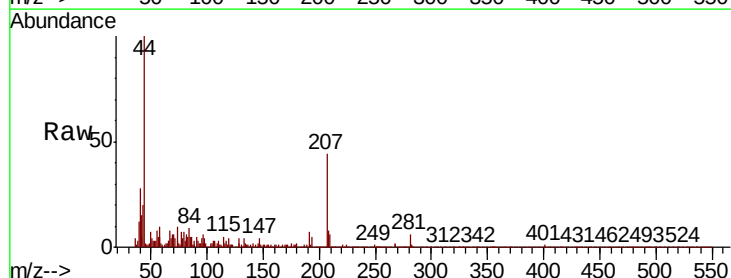
Instrument :
BNA_P
ClientSampleId :
PB130646BL

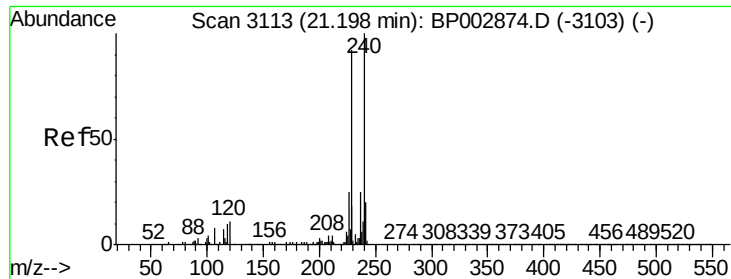
Tot Ion:188 Resp: 2984622
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 920.0 11.6 51.6#
105 835.0 23.8 63.8#

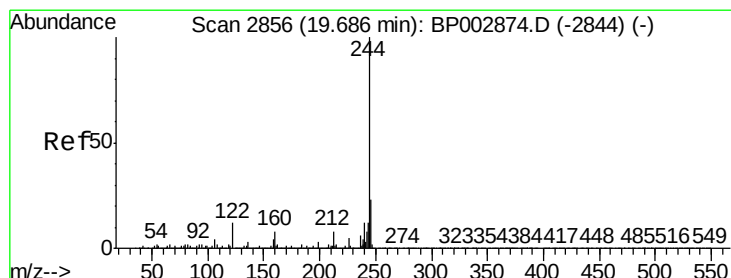
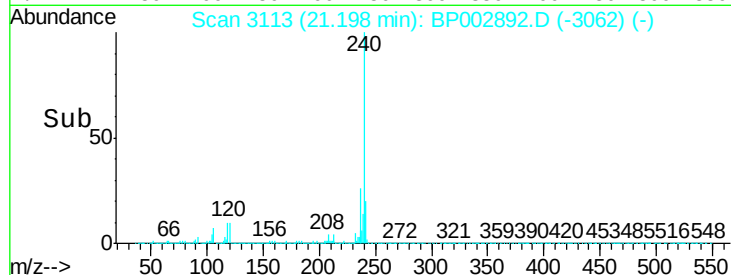
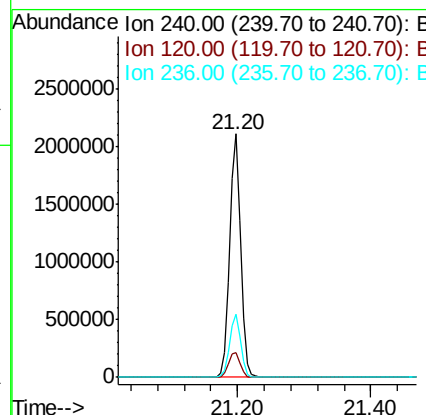
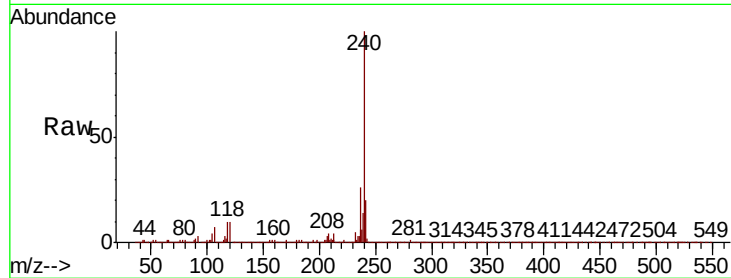




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

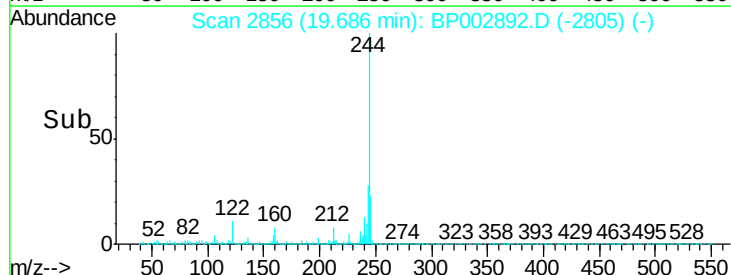
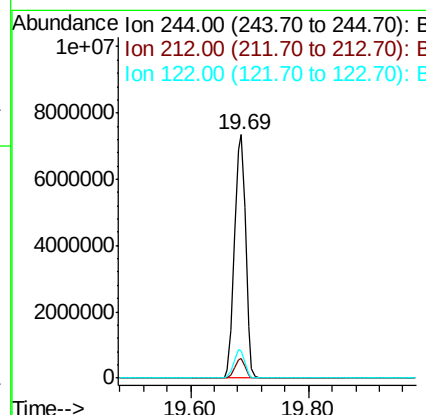
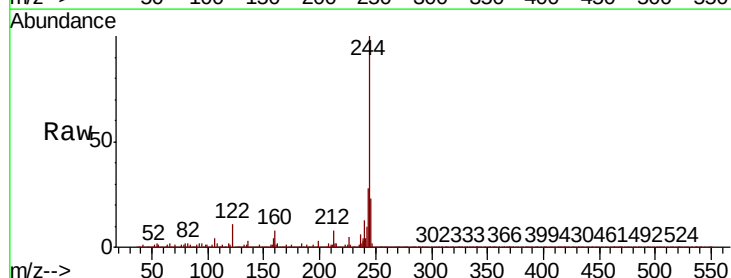
Instrument :
BNA_P
ClientSampled :
PB130646BL

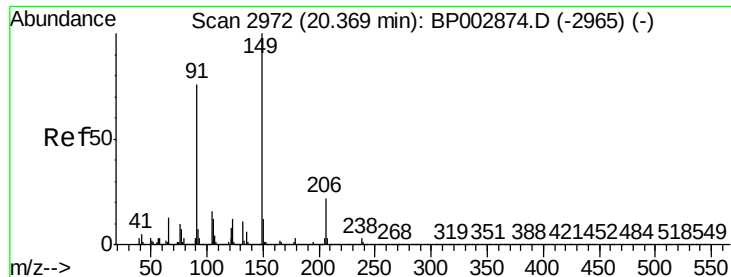
Tot Ion:240 Resp: 2463558
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 78.890 ng
RT: 19.69 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Tgt Ion:244 Resp: 9708048
Ion Ratio Lower Upper
244 100
212 8.3 6.4 9.6
122 11.4 9.4 14.2

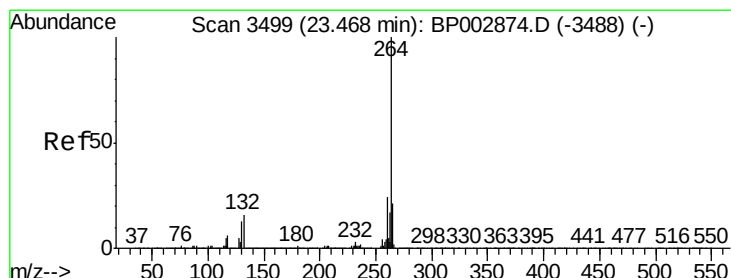
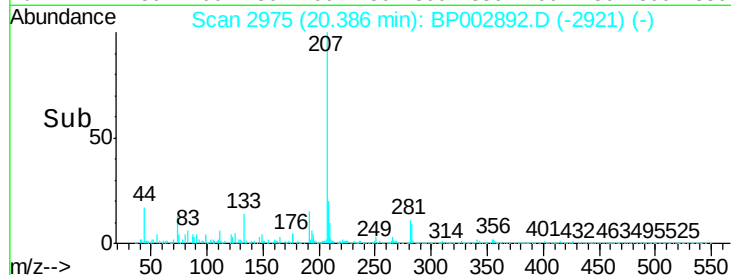
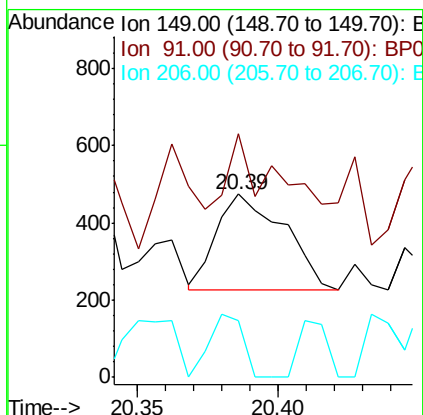
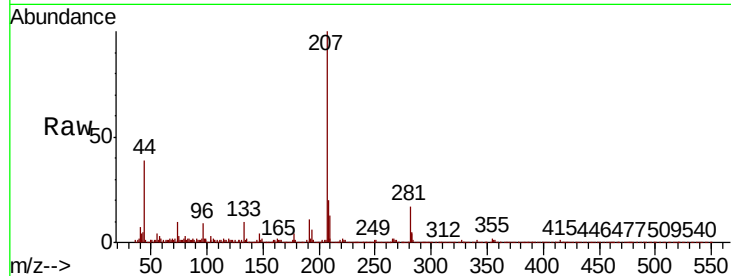




#80
Butylbenzylphthalate
Concen: 3.063 ng
RT: 20.39 min Scan# 2975
Delta R.T. 0.02 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Instrument :
BNA_P
ClientSampleID :
PB130646BL

Tot Ion:149 Resp: 413
Ion Ratio Lower Upper
149 100
91 132.8 60.5 90.7#
206 30.7 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002892.D
Acq: 31 Jul 2020 14:08

Tgt Ion:264 Resp: 2052514
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.2 17.0 25.4

