

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002893.D
 Acq On : 31 Jul 2020 14:42
 Operator : CG/JU
 Sample : PB130646BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130646BS

Quant Time: Jul 31 16:20:56 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	651090	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2587658	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1533013	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	2986791	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2240614	20.00	ng	0.00
86) Perylene-d12	23.46	264	1784866	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	5381564	126.50	ng	0.00
7) Phenol-d6	6.90	99	6959053	117.82	ng	0.00
23) Nitrobenzene-d5	8.86	82	4193736	87.78	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	2463599	129.30	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	8931708	79.60	ng	0.00
79) Terphenyl-d14	19.69	244	9861700	88.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	445070	24.372	ng	99
3) Pyridine	3.65	79	1236045	24.295	ng	100
4) n-Nitrosodimethylamine	3.57	42	485675	32.497	ng	100
6) Aniline	7.05	93	2323751	33.912	ng	99
8) 2-Chlorophenol	7.29	128	1662024	36.642	ng	100
9) Benzaldehyde	6.86	77	1064417	33.848	ng	98
10) Phenol	6.92	94	2203079	37.037	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1576634	34.460	ng	99
12) 1,3-Dichlorobenzene	7.61	146	1667915	32.580	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1695649	32.768	ng	99
14) 1,2-Dichlorobenzene	8.07	146	1638926	33.211	ng	100
15) Benzyl Alcohol	7.95	79	1423912	36.539	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1496887	34.825	ng	99
17) 2-Methylphenol	8.16	107	1463812	38.510	ng	99
18) Hexachloroethane	8.80	117	601143	33.306	ng	99
19) n-Nitroso-di-n-propylamine	8.52	70	1194501	35.100	ng	99
20) 3+4-Methylphenols	8.49	107	1977893	38.609	ng	99
22) Acetophenone	8.53	105	2451290	33.575	ng	99
24) Nitrobenzene	8.90	77	1740997	33.566	ng	98
25) Isophorone	9.43	82	3375343	32.886	ng	99
26) 2-Nitrophenol	9.61	139	750598	35.925	ng	98
27) 2,4-Dimethylphenol	9.69	122	1602637	39.209	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	2154647	37.627	ng	100
29) 2,4-Dichlorophenol	10.15	162	1600934	37.215	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1637708	32.567	ng	100
31) Naphthalene	10.55	128	4837043	32.654	ng	100
32) Benzoic acid	9.83	122	850940	37.416	ng	98
33) 4-Chloroaniline	10.65	127	1182466	19.262	ng	99
34) Hexachlorobutadiene	10.85	225	946272	30.749	ng	98
35) Caprolactam	11.42	113	331500	24.905	ng	99
36) 4-Chloro-3-methylphenol	11.79	107	1661668	37.159	ng	99
37) 2-Methylnaphthalene	12.16	142	3589814	34.069	ng	100
38) 1-Methylnaphthalene	12.39	142	3374362	34.020	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1851180	33.586	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	2449870	85.680	ng	98
43) 2,4,6-Trichlorophenol	12.78	196	1206806	37.778	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1308189	37.330	ng	99
46) 1,1'-Biphenyl	13.19	154	4413079	34.822	ng	100
47) 2-Chloronaphthalene	13.22	162	3364194	33.900	ng	99
48) 2-Nitroaniline	13.42	65	899263	37.294	ng	96
49) Acenaphthylene	14.07	152	5467710	35.131	ng	99
50) Dimethylphthalate	13.82	163	4231021	35.287	ng	100
51) 2,6-Dinitrotoluene	13.92	165	913137	34.643	ng	96
52) Acenaphthene	14.42	154	3301677	33.007	ng	100
53) 3-Nitroaniline	14.25	138	586623	22.534	ng	96
54) 2,4-Dinitrophenol	14.46	184	753633	67.577	ng	90
55) Dibenzofuran	14.76	168	5101972	33.251	ng	100
56) 4-Nitrophenol	14.57	139	1572624	73.966	ng	96
57) 2,4-Dinitrotoluene	14.72	165	1203479	34.913	ng	99
58) Fluorene	15.40	166	3942523	32.818	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	1123642	38.429	ng	100
60) Diethylphthalate	15.20	149	4046242	34.535	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	2112910	34.174	ng	99
62) 4-Nitroaniline	15.42	138	891150	32.833	ng	99
63) Azobenzene	15.70	77	3949942	33.488	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	517253	35.360	ng	98
66) n-Nitrosodiphenylamine	15.62	169	3573970	36.130	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	1343528	36.974	ng	98
68) Hexachlorobenzene	16.42	284	1528171	36.360	ng	99
69) Atrazine	16.58	200	1088468	32.479	ng	99
70) Pentachlorophenol	16.76	266	1737413	79.717	ng	99
71) Phenanthrene	17.15	178	6015486	34.346	ng	100
72) Anthracene	17.24	178	6123580	35.773	ng	99
73) Carbazole	17.51	167	5448466	32.592	ng	100
74) Di-n-butylphthalate	18.09	149	6328669	35.988	ng	100
75) Fluoranthene	19.13	202	6577034	32.593	ng	99
77) Benzidine	19.30	184	2918056	42.709	ng	99
78) Pyrene	19.47	202	6562368	41.896	ng	100
80) Butylbenzylphthalate	20.37	149	2390359	38.233	ng	95
81) Benzo(a)anthracene	21.19	228	5484261	35.934	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	1391396	23.033	ng	99
83) Chrysene	21.23	228	5068717	35.207	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	3299702	38.064	ng	99
85) Di-n-octyl phthalate	22.03	149	4799411	33.702	ng	100
87) Indeno(1,2,3-cd)pyrene	25.78	276	5204894	36.412	ng	100
88) Benzo(b)fluoranthene	22.79	252	4733293	37.579	ng	99
89) Benzo(k)fluoranthene	22.83	252	4402755	36.983	ng	99
90) Benzo(a)pyrene	23.37	252	4037238	35.474	ng	100
91) Dibenzo(a,h)anthracene	25.79	278	4365434	35.882	ng	99
92) Benzo(g,h,i)perylene	26.48	276	4352609	36.998	ng	99

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

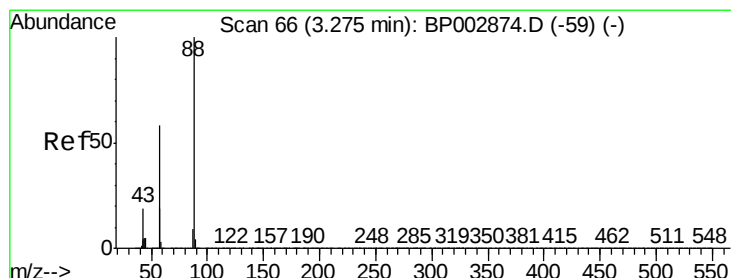
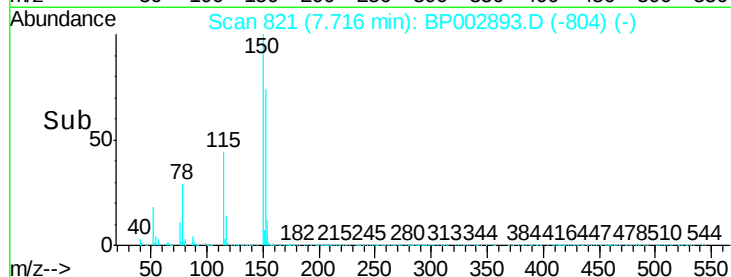
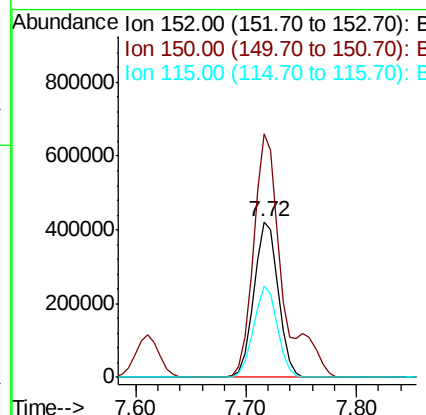
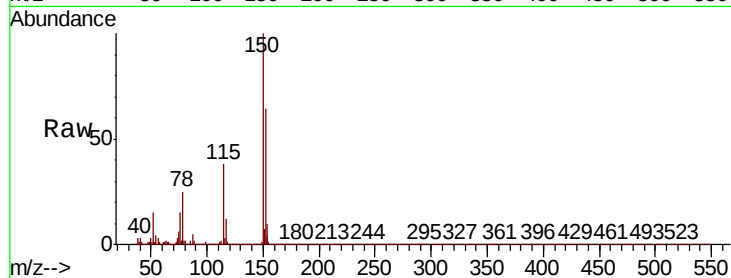


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Instrument :
BNA_P
ClientSampleId :
PB130646BS

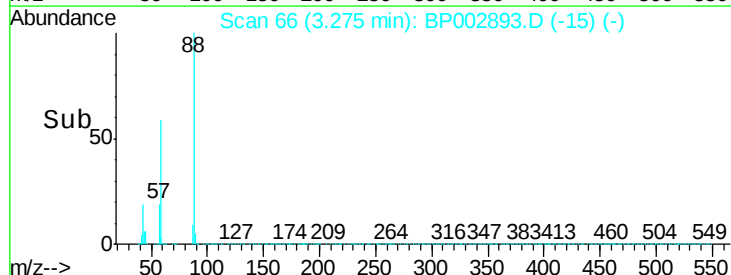
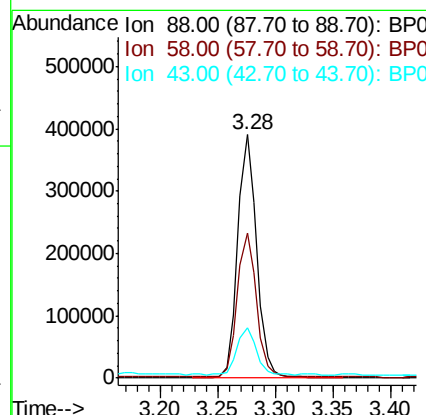
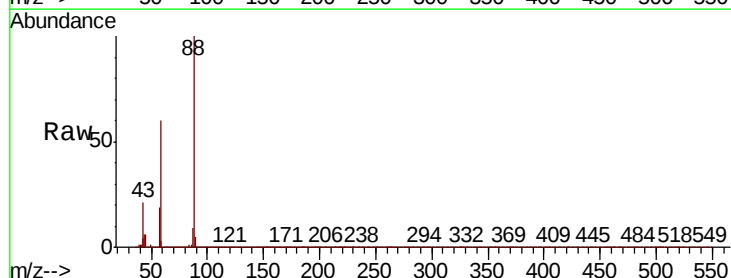
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.8	187.2
115	58.9	47.4	71.2

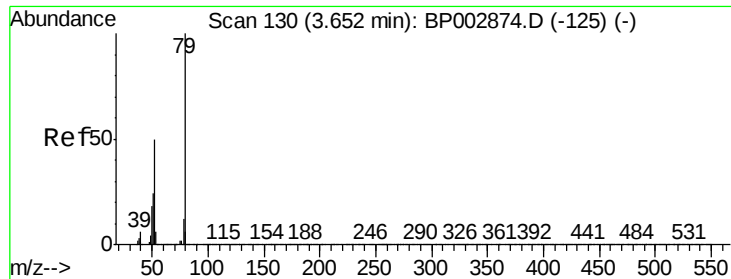


#2

1,4-Dioxane
Concen: 24.372 ng
RT: 3.28 min Scan# 66
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	47.4	71.0
43	19.2	15.2	22.8





#3

Pvridine

Concen: 24.295 ng

RT: 3.65 min Scan# 130

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

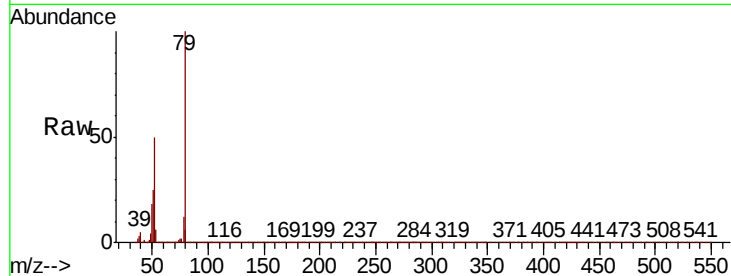
BNA_P

ClientSampleId :

PB130646BS

Tot Ion: 79 Resp: 1236045

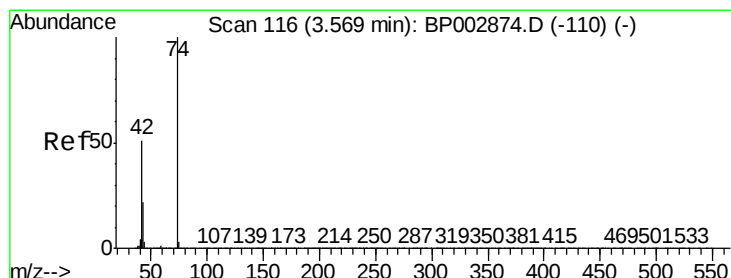
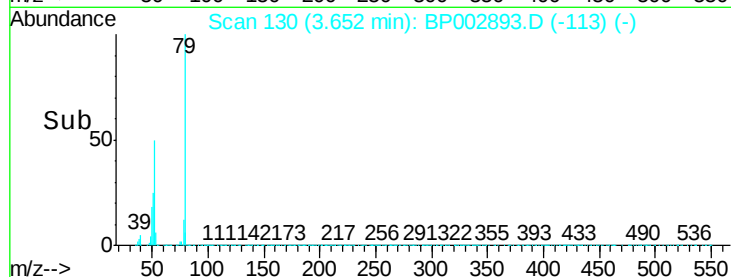
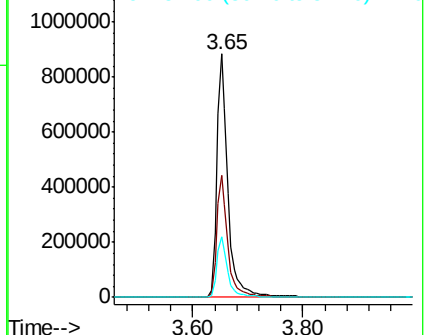
Ion	Ratio	Lower	Upper
79	100		
52	49.9	40.0	60.0
51	24.7	19.4	29.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 32.497 ng

RT: 3.57 min Scan# 116

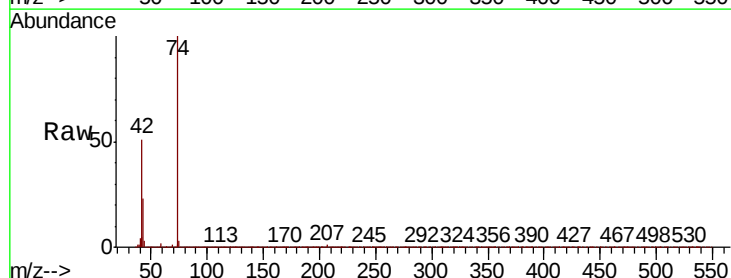
Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion: 42 Resp: 485675

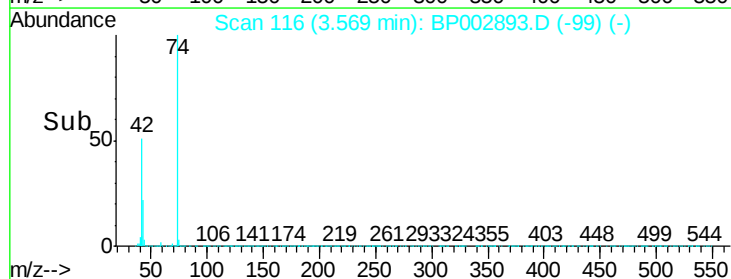
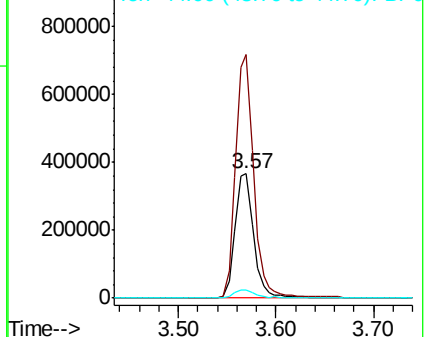
Ion	Ratio	Lower	Upper
42	100		
74	195.7	156.1	234.1
44	6.8	6.0	9.0

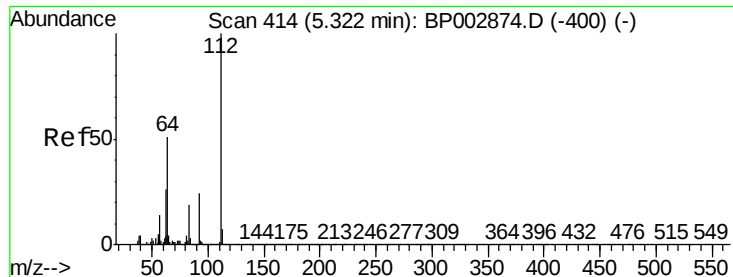


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 126.503 ng

RT: 5.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

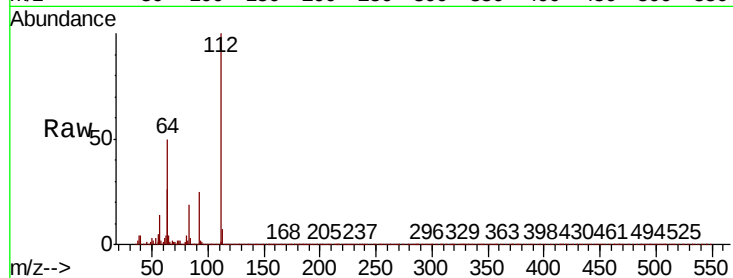
Tot Ion:112 Resp: 5381564

Ion Ratio Lower Upper

112 100

64 50.5 41.0 61.6

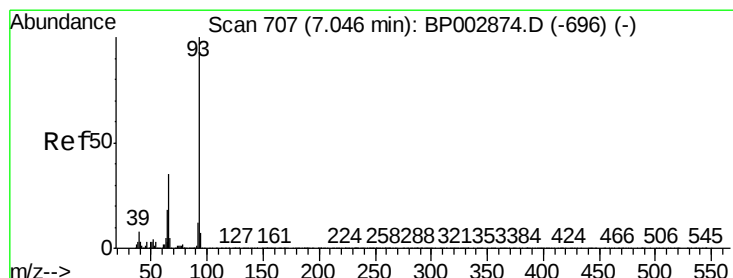
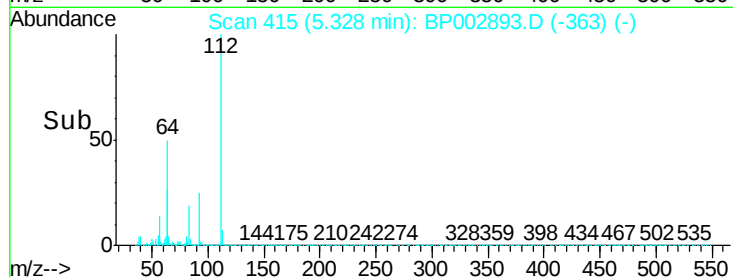
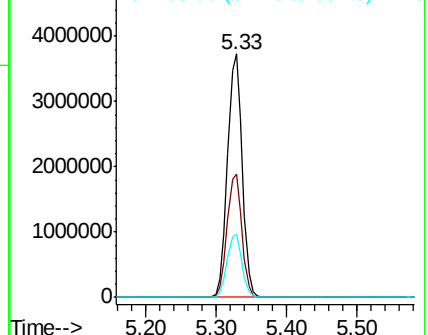
63 25.7 20.7 31.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.912 ng

RT: 7.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

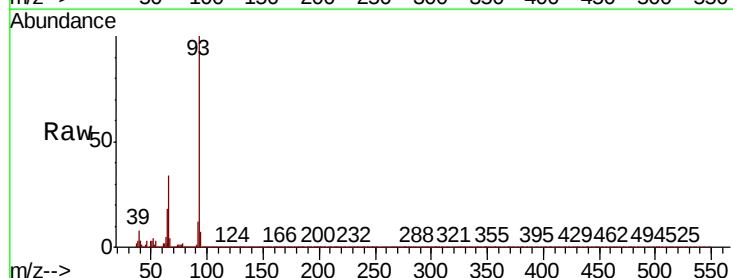
Tgt Ion: 93 Resp: 2323751

Ion Ratio Lower Upper

93 100

66 34.4 28.3 42.5

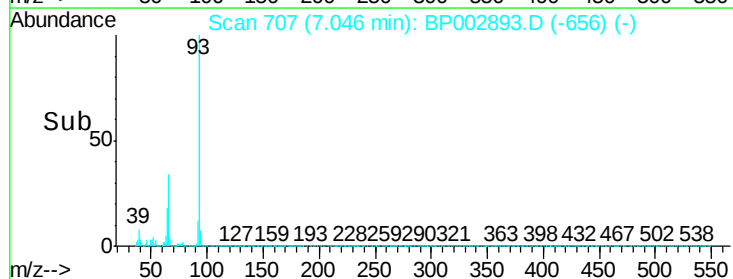
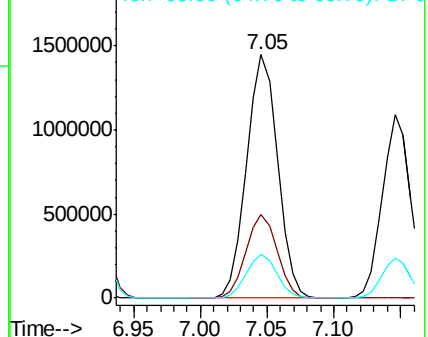
65 18.0 14.6 21.8

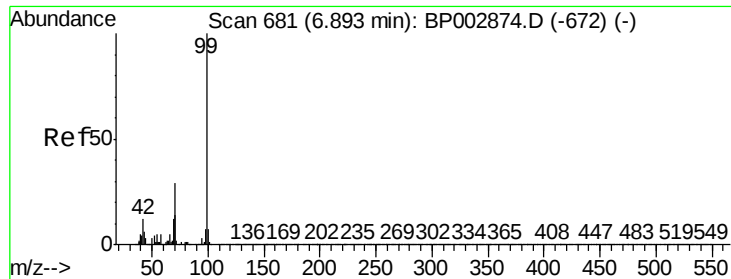


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 117.825 ng

RT: 6.90 min Scan# 682

Delta R.T. 0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

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ClientSampleId :

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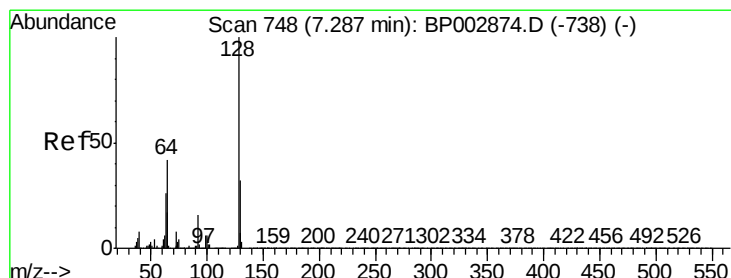
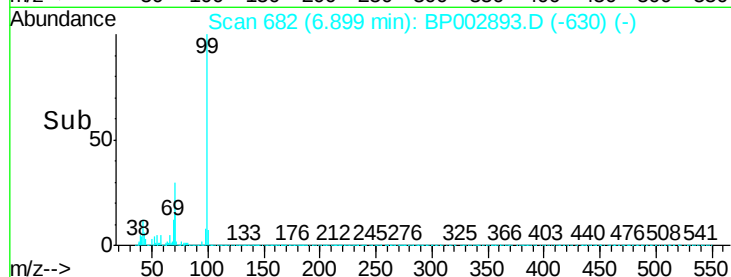
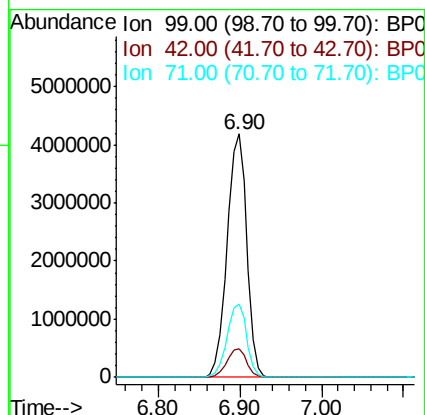
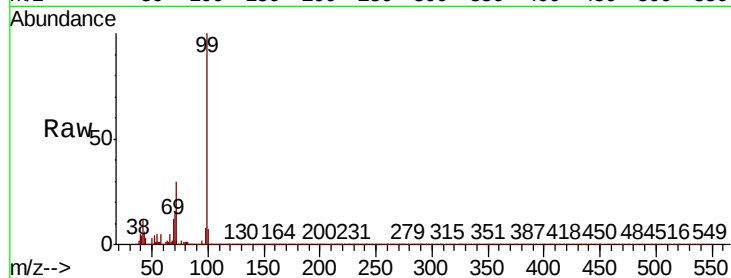
Tot Ion: 99 Resp: 6959053

Ion	Ratio	Lower	Upper
99	100		
42	11.7	9.3	13.9
71	30.4	23.5	35.3

99 100

42 11.7 9.3 13.9

71 30.4 23.5 35.3



#8

2-Chlorophenol

Concen: 36.642 ng

RT: 7.29 min Scan# 748

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

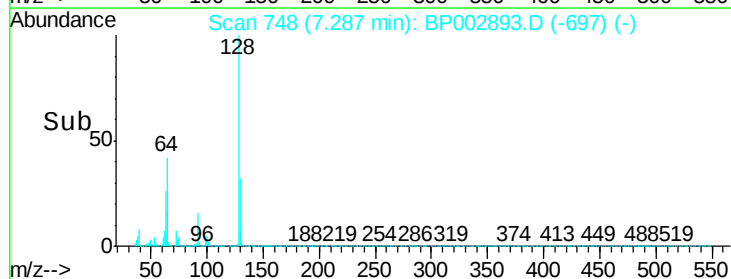
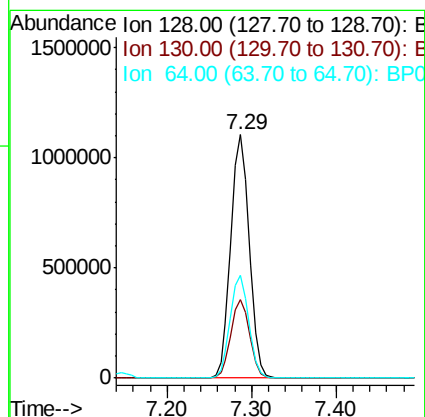
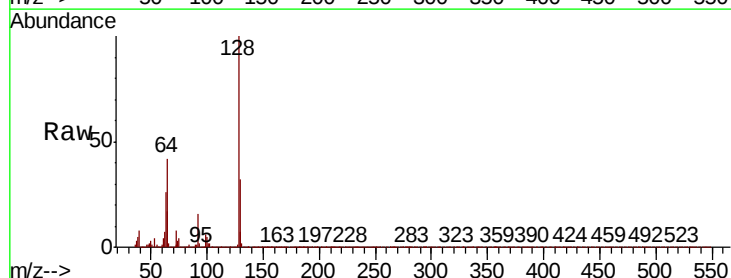
Tgt Ion: 128 Resp: 1662024

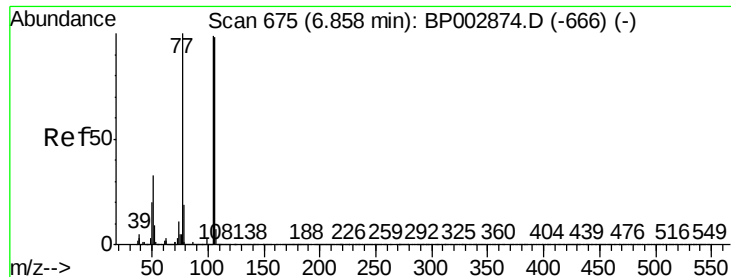
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	42.2	22.4	62.4

128 100

130 32.4 12.2 52.2

64 42.2 22.4 62.4





#9

Benzaldehyde

Concen: 33.848 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleID :

PB130646BS

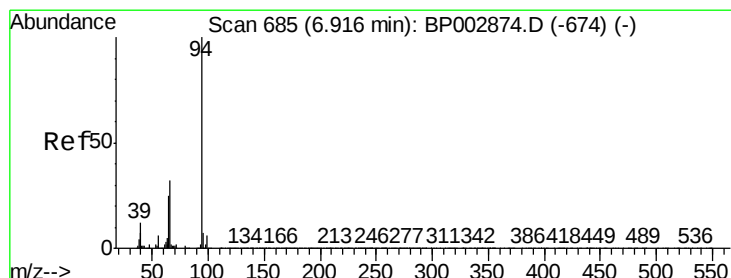
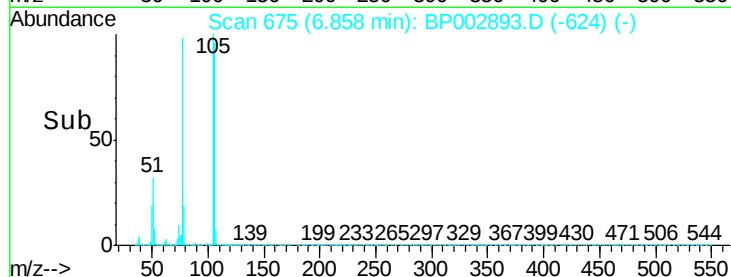
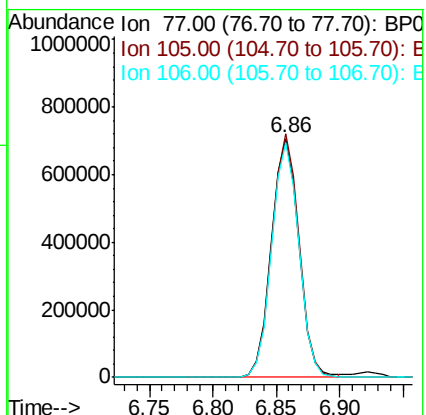
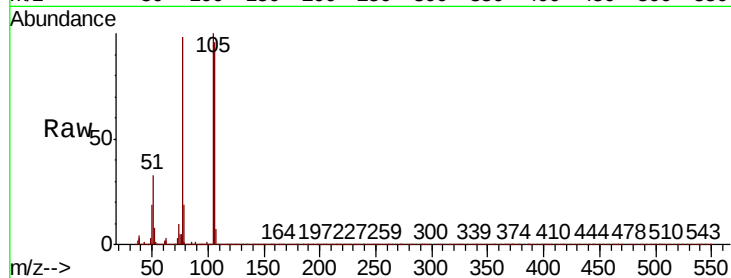
Tot Ion: 77 Resp: 1064417

Ion	Ratio	Lower	Upper
77	100		
105	102.0	79.0	119.0
106	98.1	77.5	117.5

77 100

105 102.0 79.0 119.0

106 98.1 77.5 117.5



#10

Phenol

Concen: 37.037 ng

RT: 6.92 min Scan# 686

Delta R.T. 0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

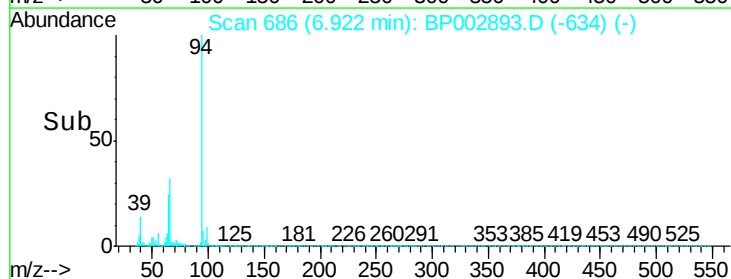
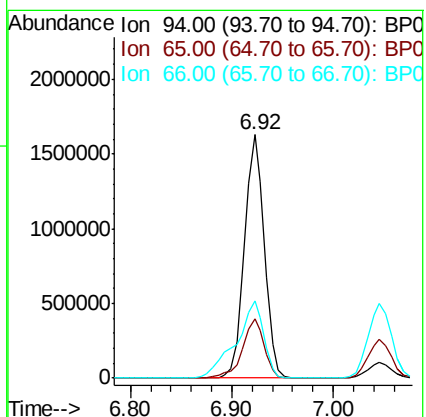
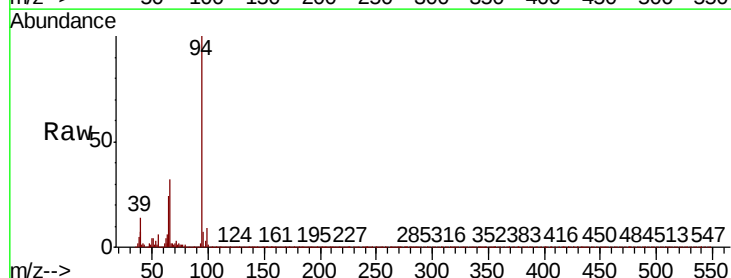
Tgt Ion: 94 Resp: 2203079

Ion	Ratio	Lower	Upper
94	100		
65	24.3	5.4	45.4
66	31.5	11.9	51.9

94 100

65 24.3 5.4 45.4

66 31.5 11.9 51.9



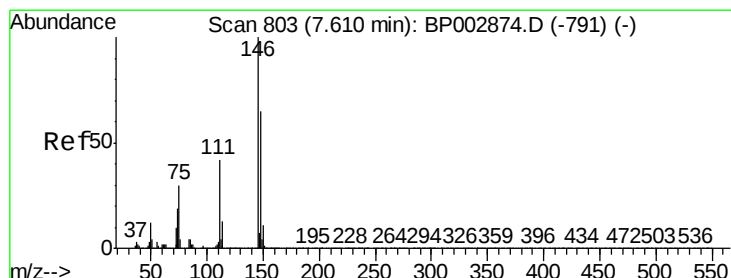
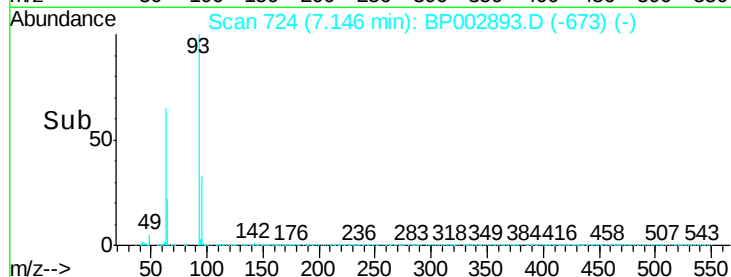
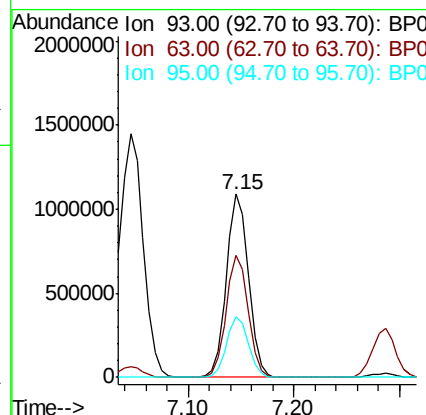
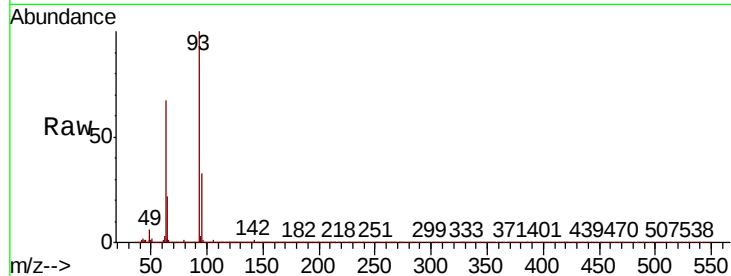


#11
bis(2-Chloroethyl)ether
Concen: 34.460 ng
RT: 7.15 min Scan# 724
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion: 93 Resp: 1576634

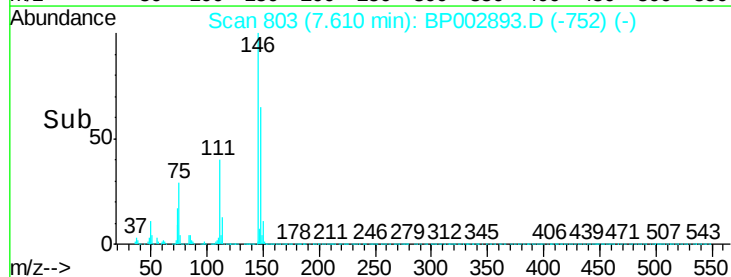
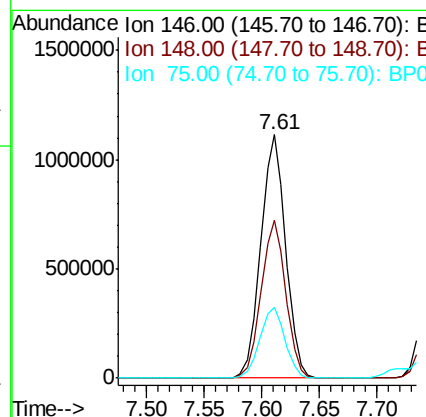
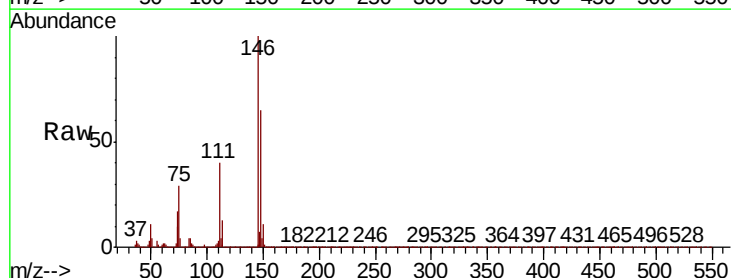
Ion	Ratio	Lower	Upper
93	100		
63	66.5	47.2	87.2
95	32.8	12.6	52.6

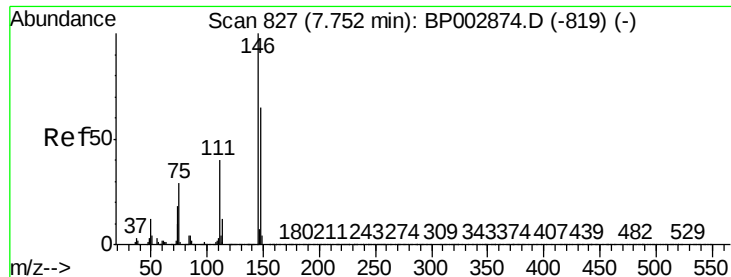


#12
1,3-Dichlorobenzene
Concen: 32.580 ng
RT: 7.61 min Scan# 803
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion: 146 Resp: 1667915

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
75	28.8	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 32.768 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.00 min

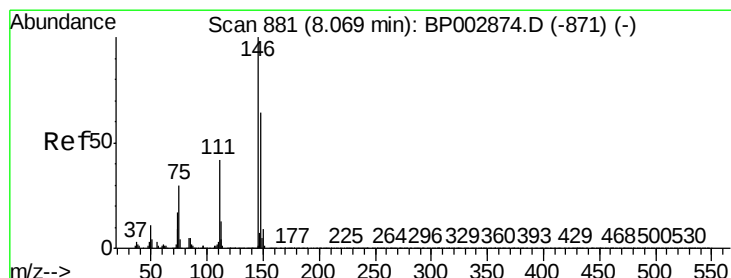
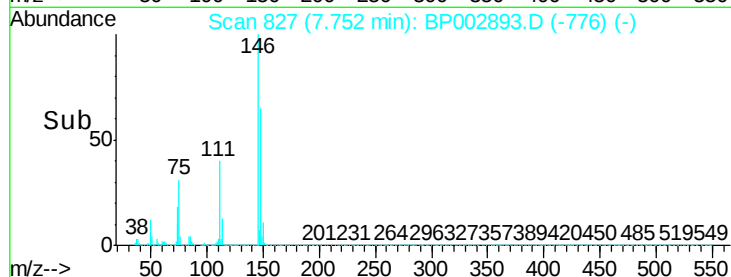
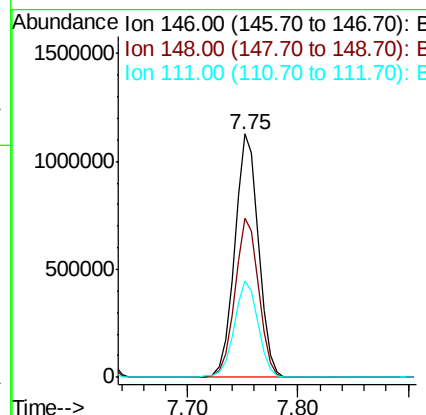
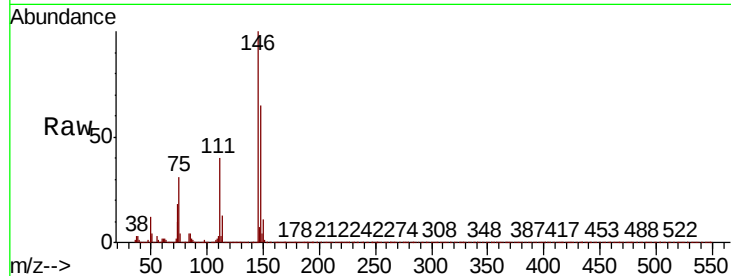
Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion:146 Resp: 1695649

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
111	39.7	32.2	48.4



#14

1,2-Dichlorobenzene

Concen: 33.211 ng

RT: 8.07 min Scan# 881

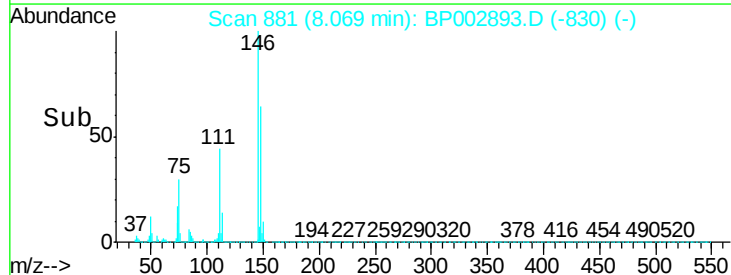
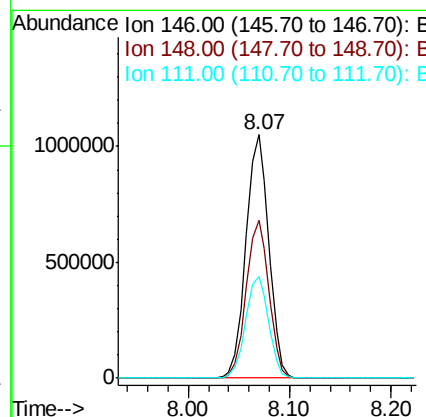
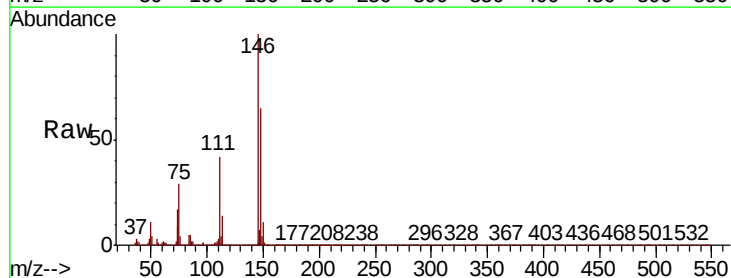
Delta R.T. -0.00 min

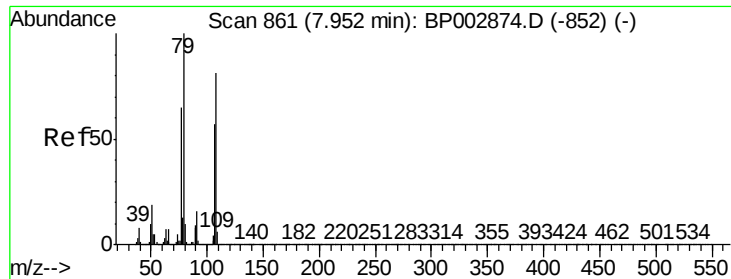
Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:146 Resp: 1638926

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	41.8	33.6	50.4

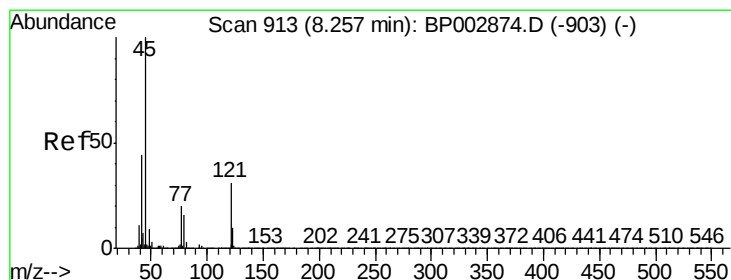
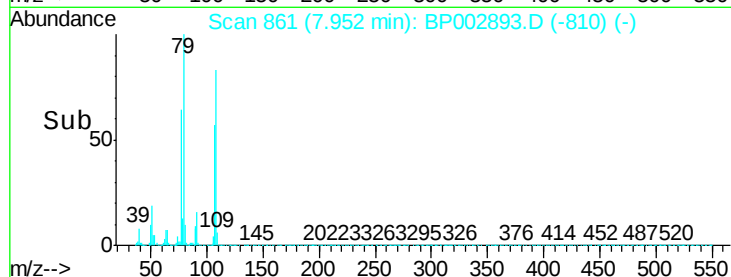
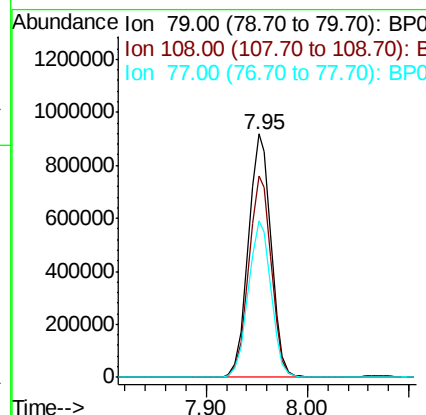
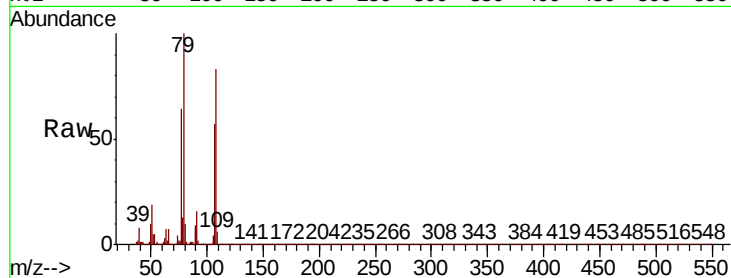




#15
Benzyl Alcohol
Concen: 36.539 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

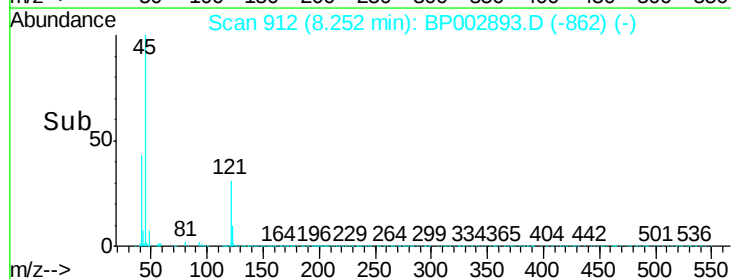
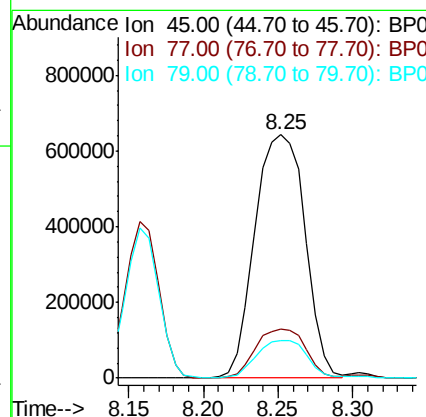
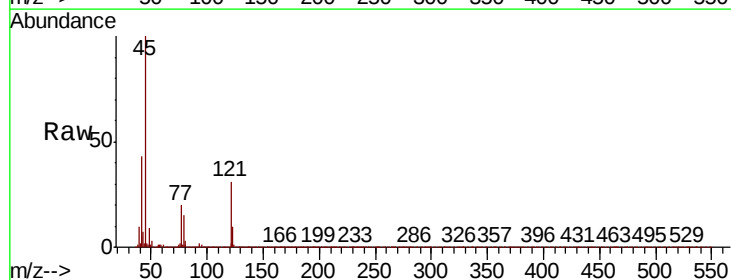
Instrument :
BNA_P
ClientSampleId :
PB130646BS

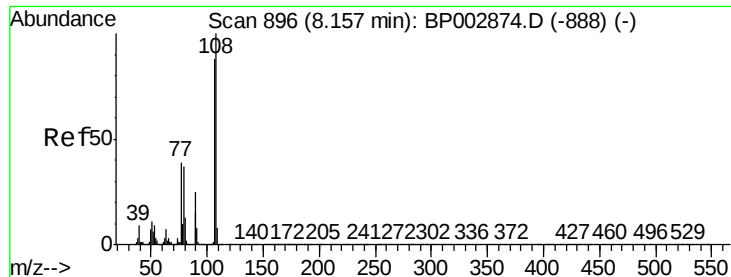
Tot Ion: 79 Resp: 1423912
Ion Ratio Lower Upper
79 100
108 82.9 65.0 97.6
77 64.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.825 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion: 45 Resp: 1496887
Ion Ratio Lower Upper
45 100
77 20.3 0.4 40.4
79 15.2 0.0 36.2

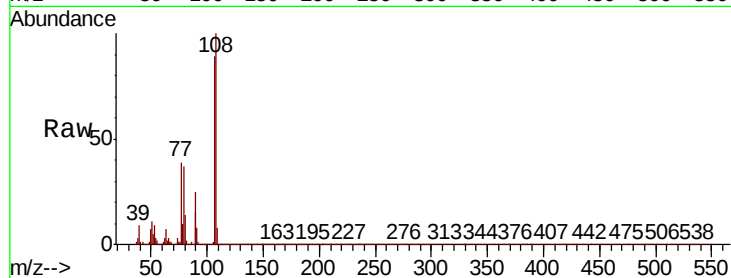




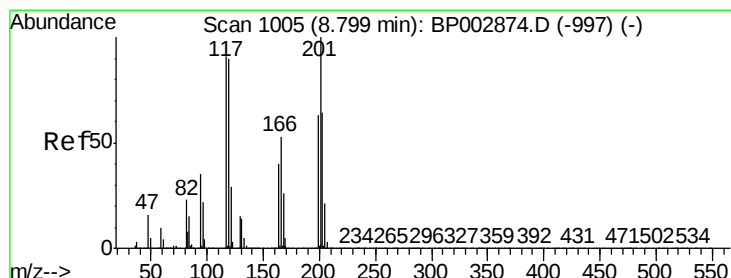
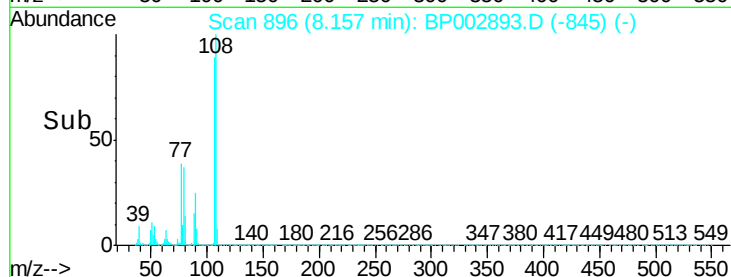
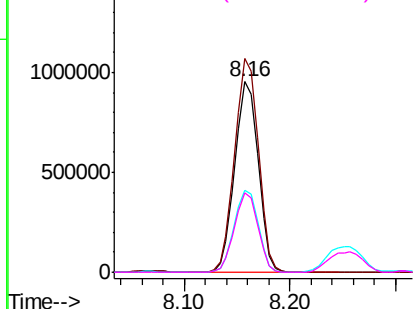
#17
2-Methylphenol
Concen: 38.510 ng
RT: 8.16 min Scan# 896
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion:	107	Resp:	1463812
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.6	136.0
77	43.3	35.7	53.5
79	41.8	34.0	51.0

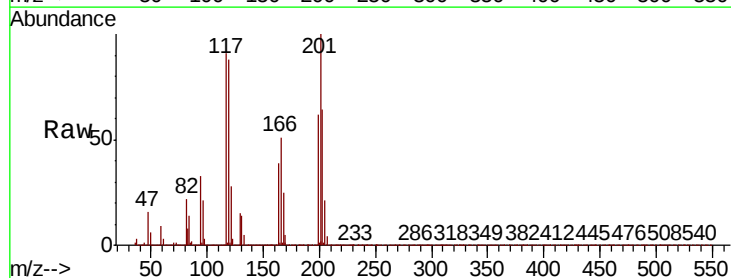


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

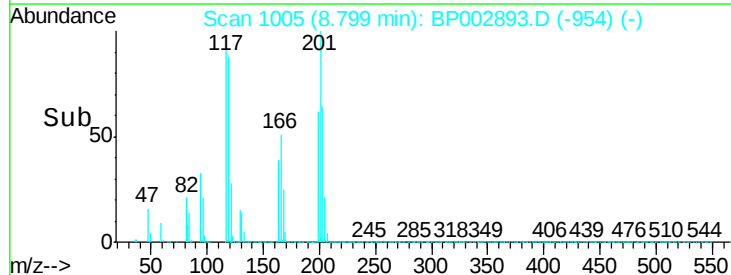
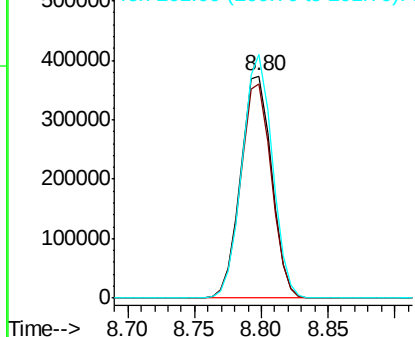


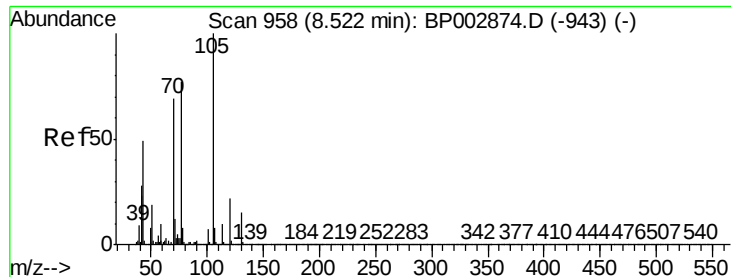
#18
Hexachloroethane
Concen: 33.306 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:	117	Resp:	601143
Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.1	118.7
201	109.6	87.6	131.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

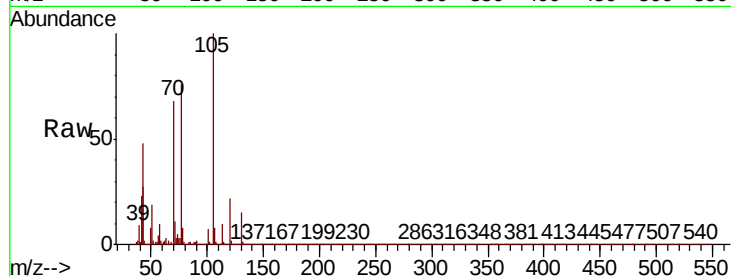




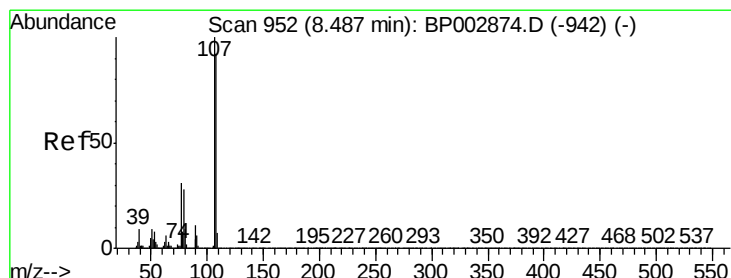
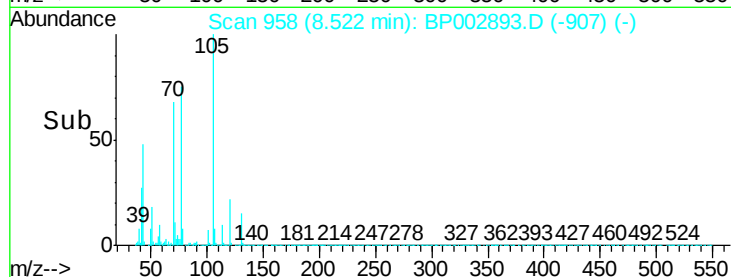
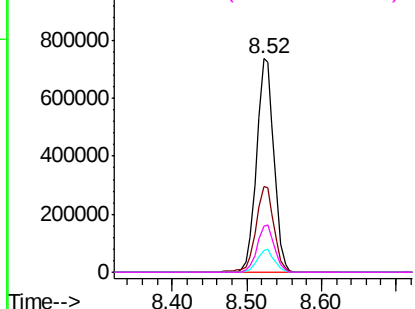
#19
n-Nitroso-di-n-propylamine
Concen: 35.100 ng
RT: 8.52 min Scan# 958
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion: 70 Resp: 1194501
Ion Ratio Lower Upper
70 100
42 40.4 32.6 49.0
101 10.2 8.0 12.0
130 21.5 16.9 25.3

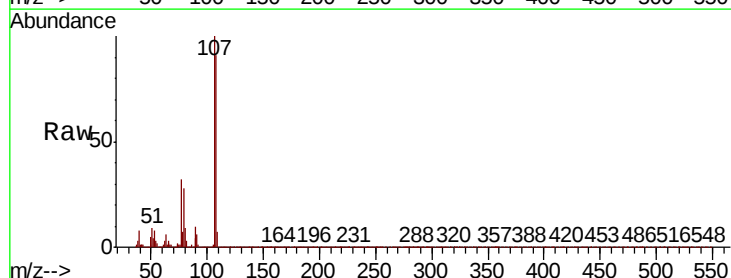


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

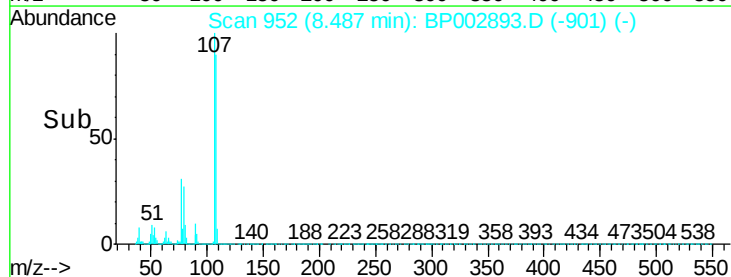
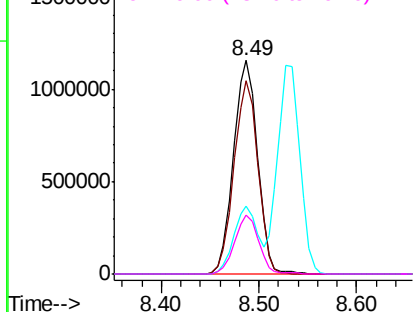


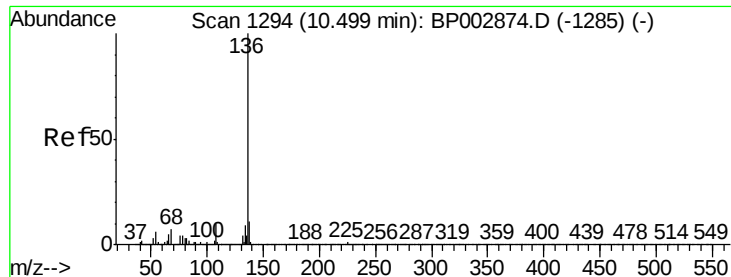
#20
3+4-Methylphenols
Concen: 38.609 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:107 Resp: 1977893
Ion Ratio Lower Upper
107 100
108 90.7 72.2 112.2
77 31.7 11.5 51.5
79 27.6 7.6 47.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0



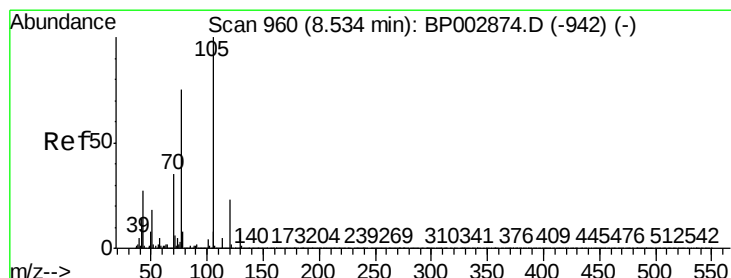
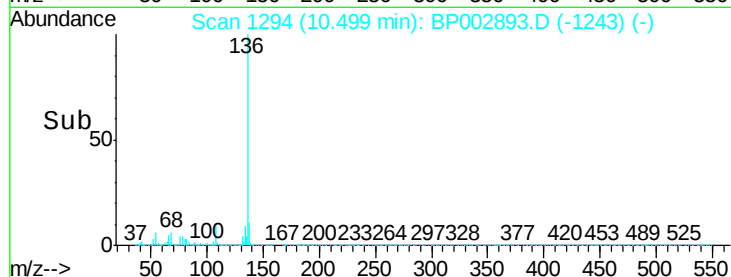
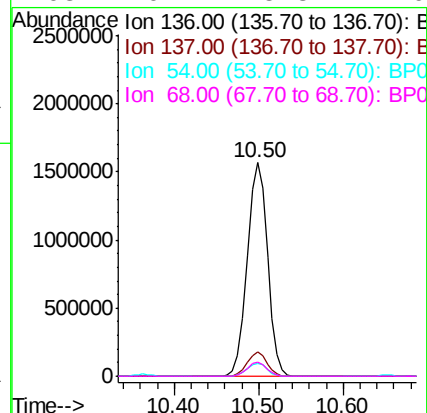
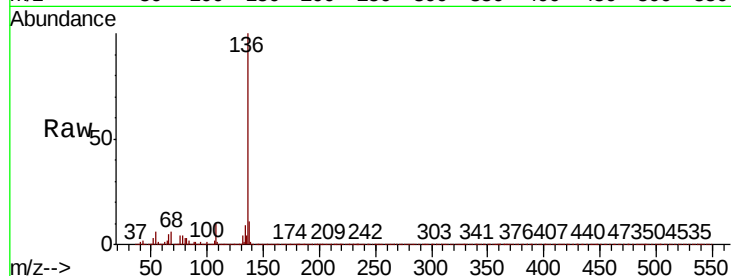


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion:136 Resp: 2587658

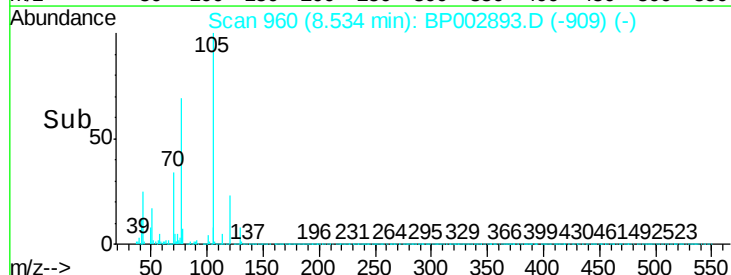
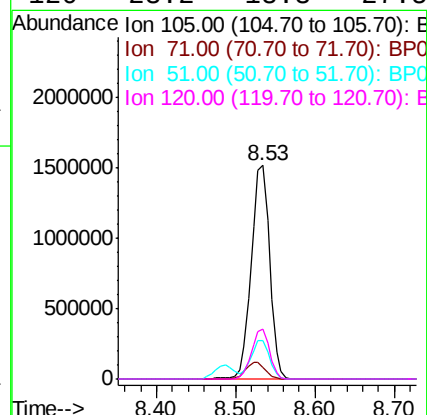
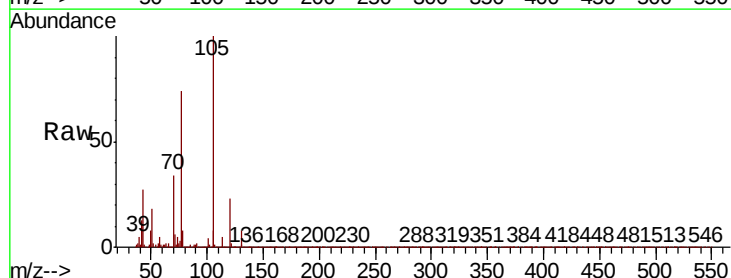
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.2	5.1	7.7
68	6.4	5.3	7.9

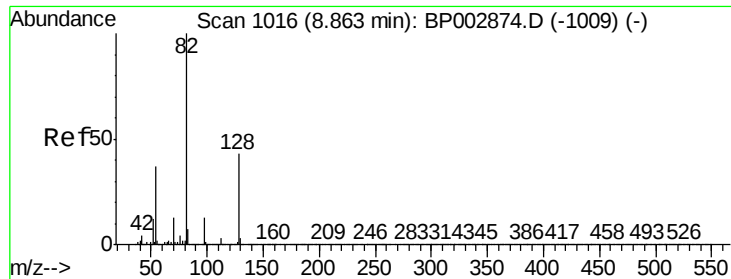


#22
Acetophenone
Concen: 33.575 ng
RT: 8.53 min Scan# 960
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:105 Resp: 2451290

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.7	7.1
51	18.0	14.1	21.1
120	23.2	18.3	27.5

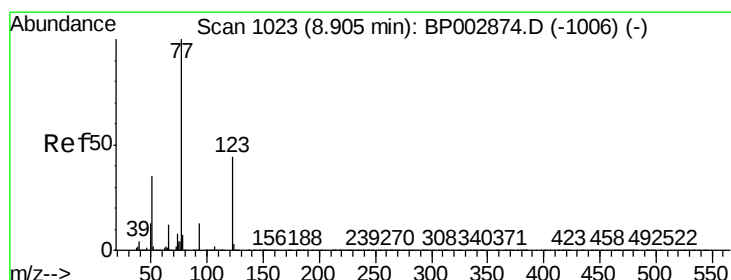
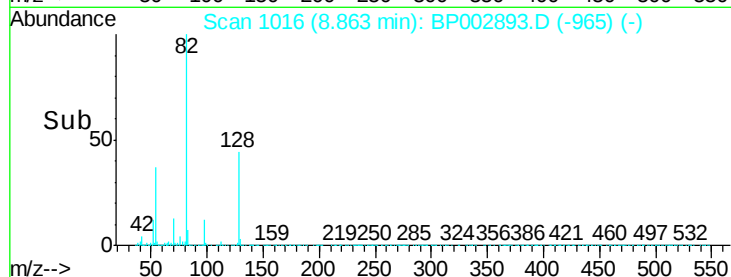
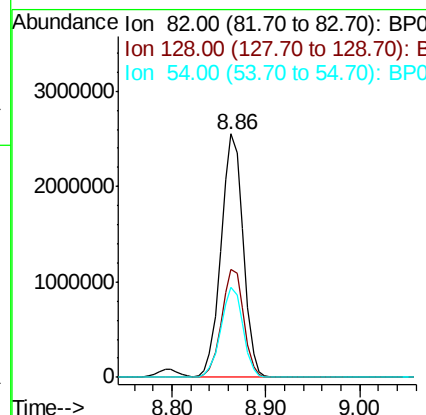
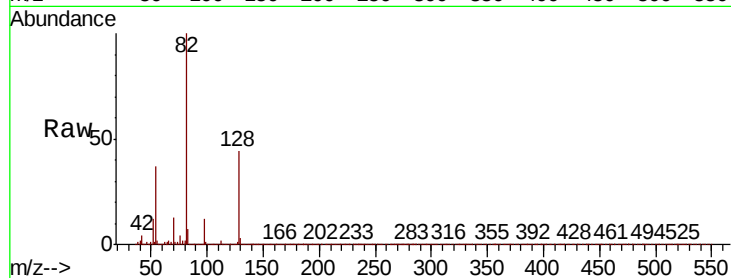




#23
 Nitrobenzene-d5
 Concen: 87.779 ng
 RT: 8.86 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BP002893.D
 Acq: 31 Jul 2020 14:42

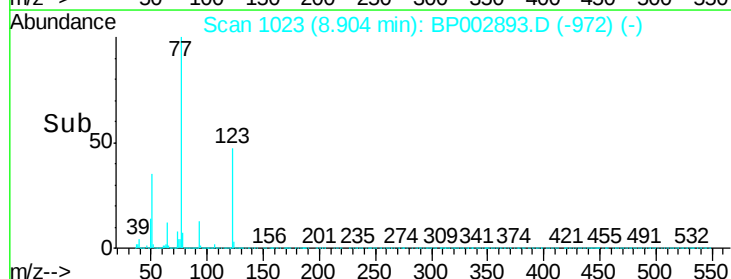
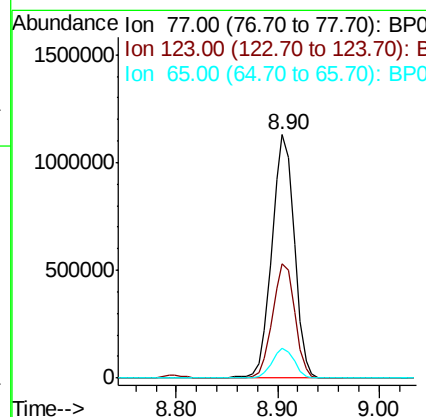
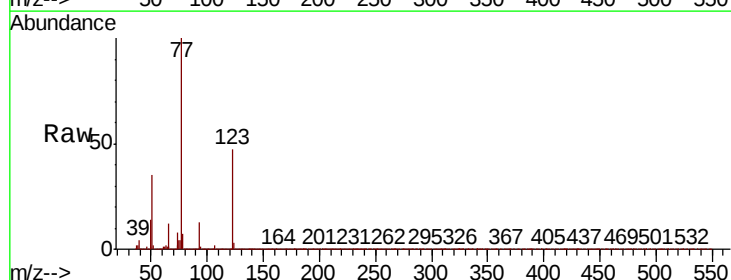
Instrument :
 BNA_P
 ClientSampleId :
 PB130646BS

Tot Ion: 82 Resp: 4193736
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 52.0
 54 36.7 29.5 44.3



#24
 Nitrobenzene
 Concen: 33.566 ng
 RT: 8.90 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BP002893.D
 Acq: 31 Jul 2020 14:42

Tgt Ion: 77 Resp: 1740997
 Ion Ratio Lower Upper
 77 100
 123 46.8 36.2 54.2
 65 12.3 9.6 14.4





#25

Isophorone

Concen: 32.886 ng

RT: 9.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

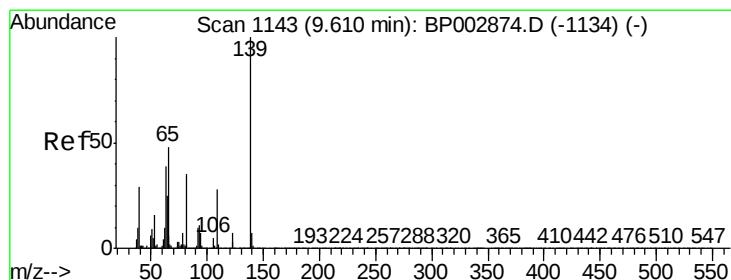
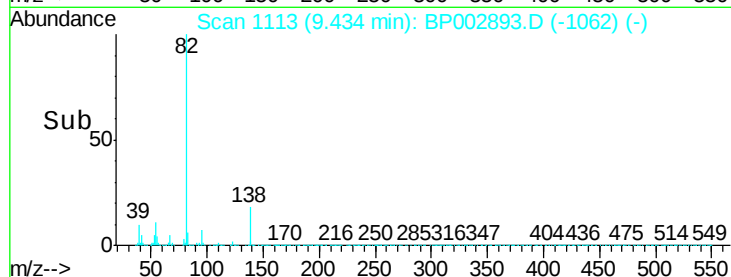
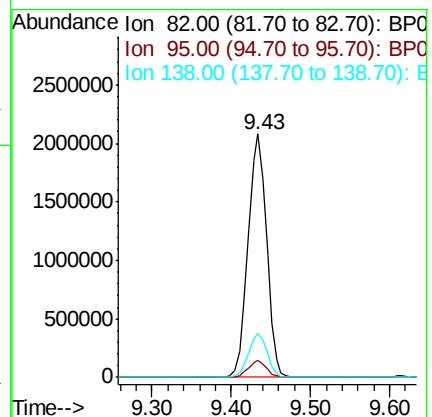
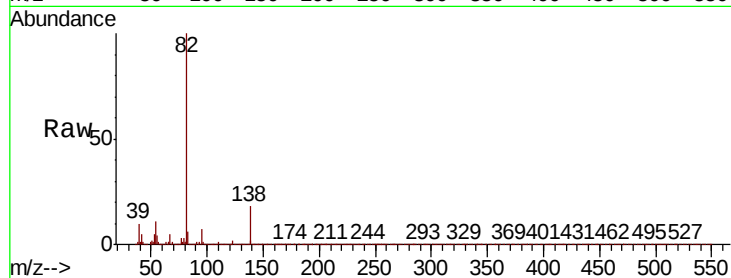
Tot Ion: 82 Resp: 3375343

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.2 14.2 21.2



#26

2-Nitrophenol

Concen: 35.925 ng

RT: 9.61 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

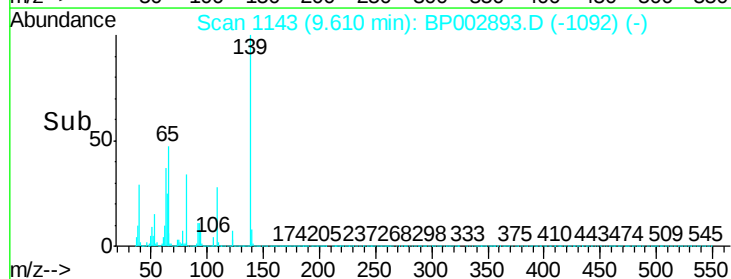
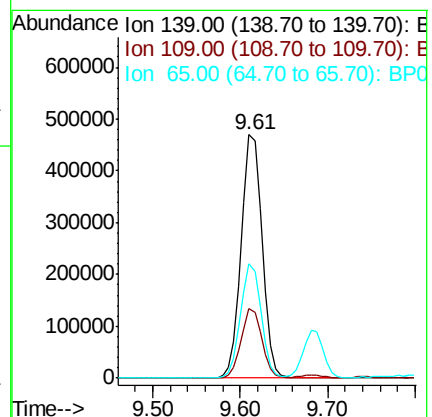
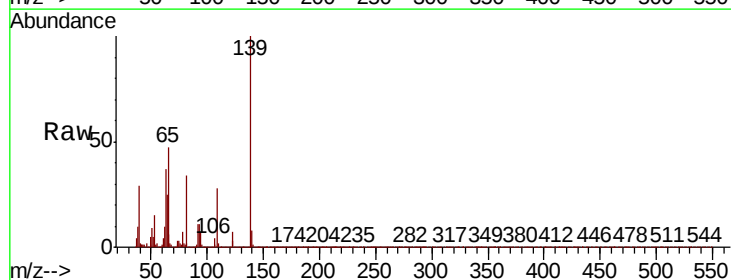
Tgt Ion: 139 Resp: 750598

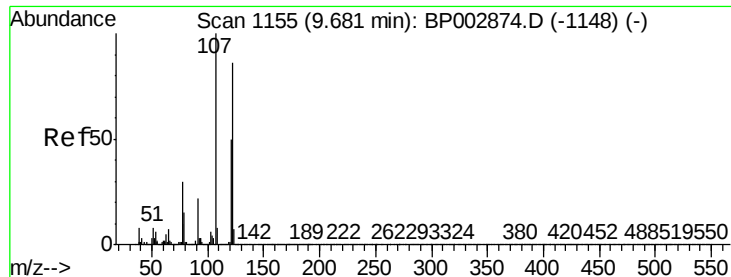
Ion Ratio Lower Upper

139 100

109 28.4 22.2 33.2

65 46.9 38.9 58.3

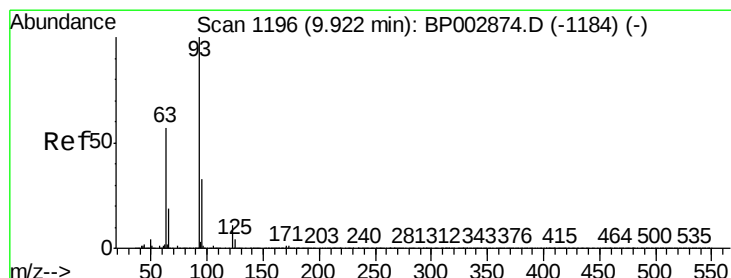
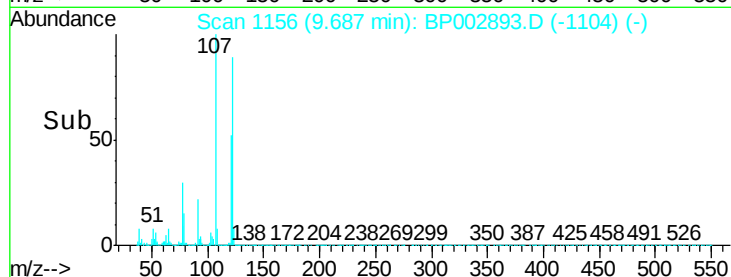
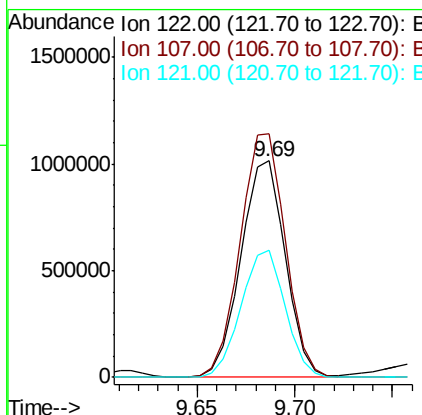
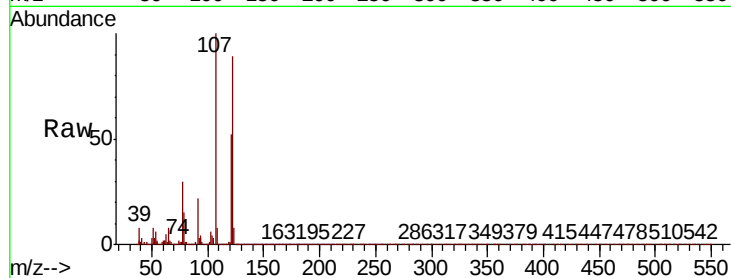




#27
2,4-Dimethylphenol
Concen: 39.209 ng
RT: 9.69 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

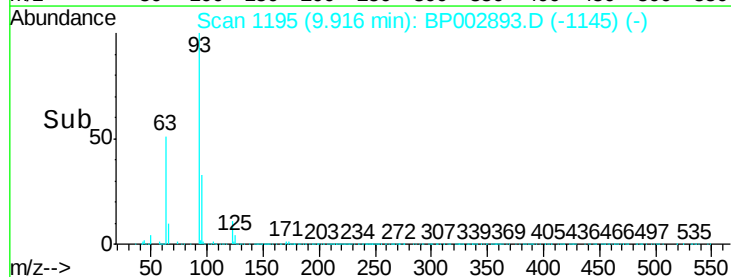
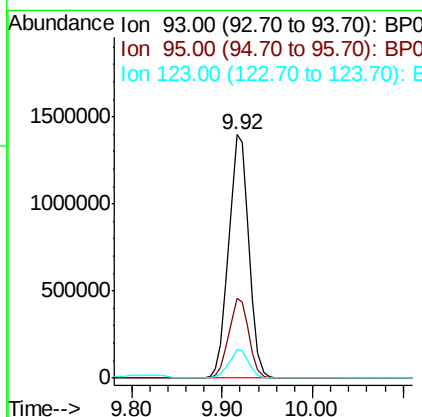
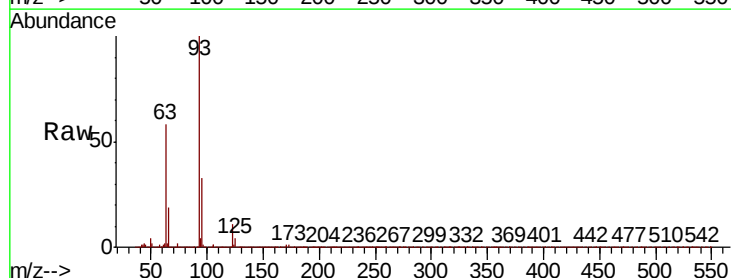
Instrument :
BNA_P
ClientSampleId :
PB130646BS

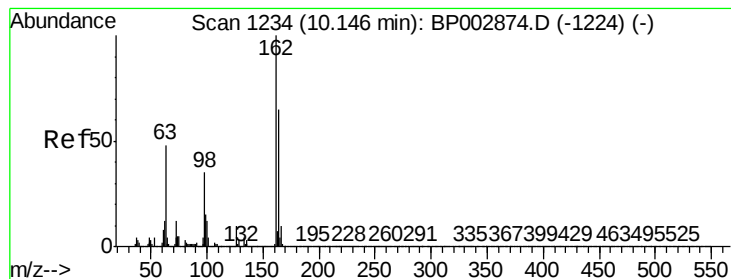
Tot Ion:122 Resp: 1602637
Ion Ratio Lower Upper
122 100
107 112.4 93.2 139.8
121 58.4 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.627 ng
RT: 9.92 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion: 93 Resp: 2154647
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 37.215 ng

RT: 10.15 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

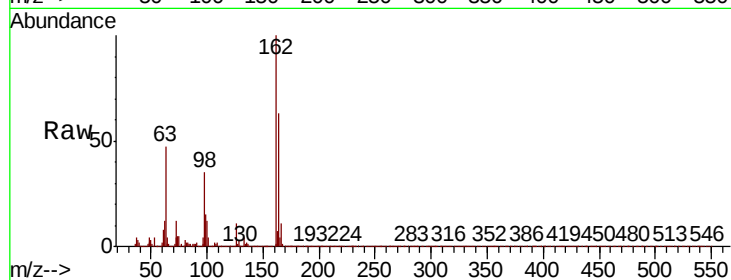
Tot Ion:162 Resp: 1600934

Ion Ratio Lower Upper

162 100

164 63.2 44.5 84.5

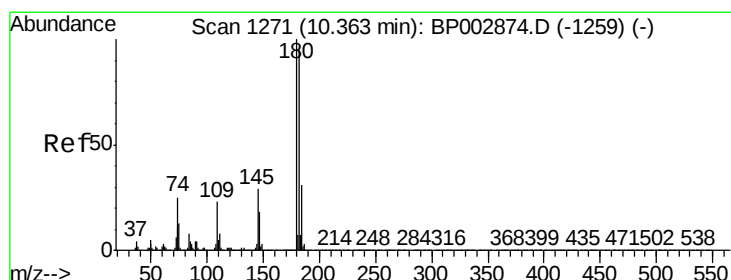
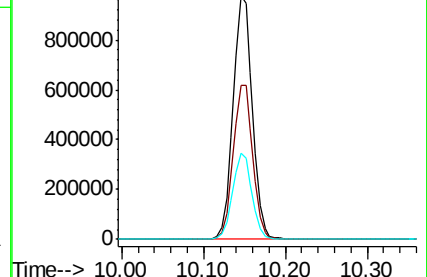
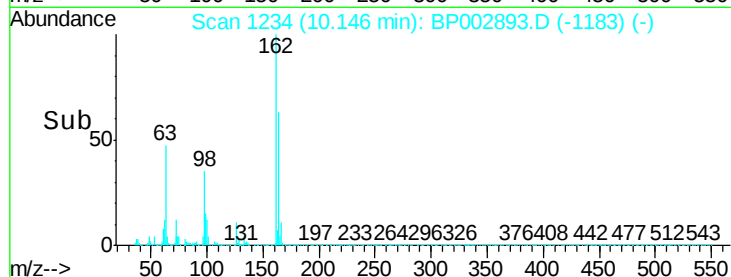
98 35.4 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 32.567 ng

RT: 10.36 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

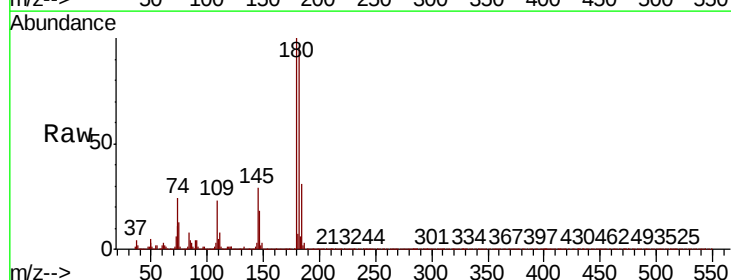
Tgt Ion:180 Resp: 1637708

Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

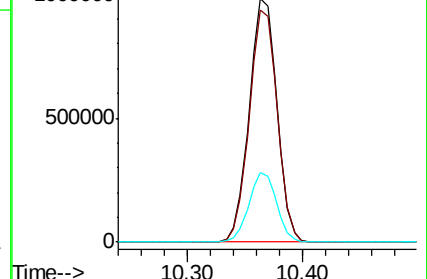
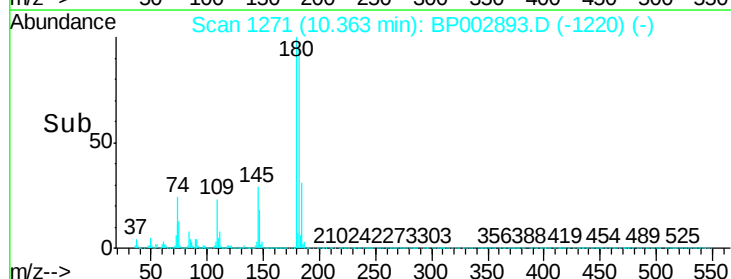
145 28.7 22.8 34.2

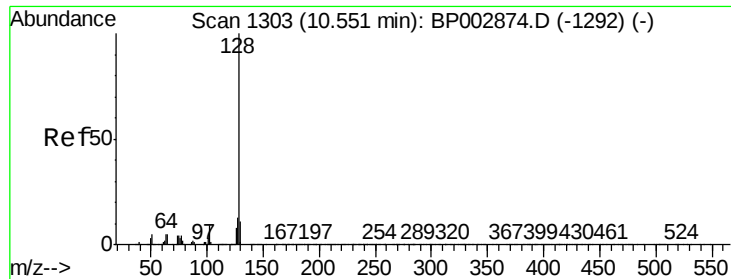


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

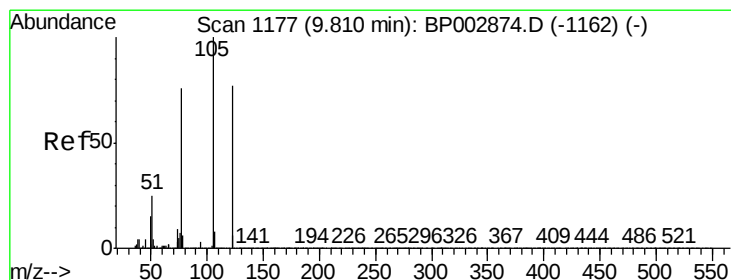
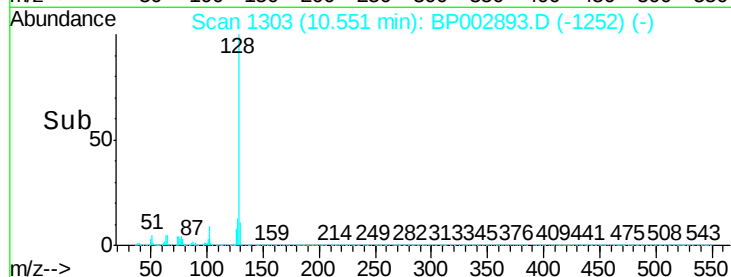
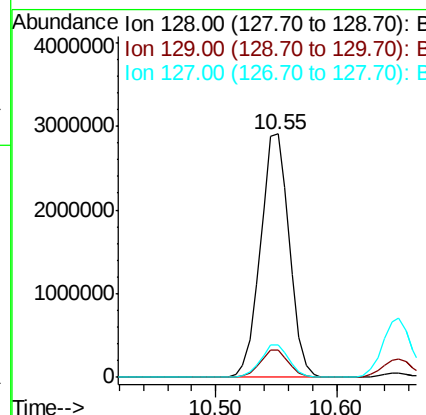
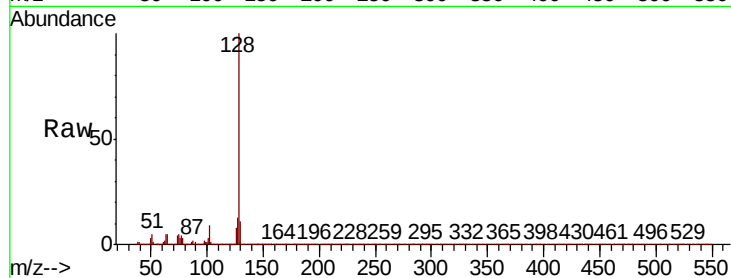




#31
Naphthalene
Concen: 32.654 ng
RT: 10.55 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

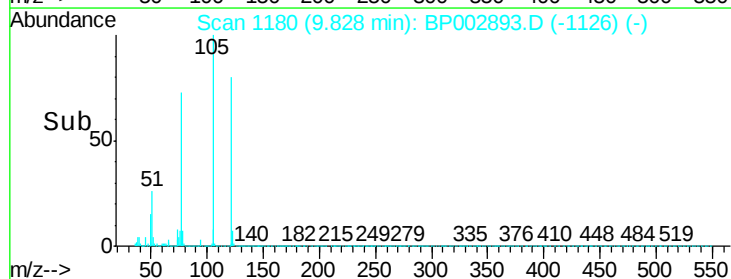
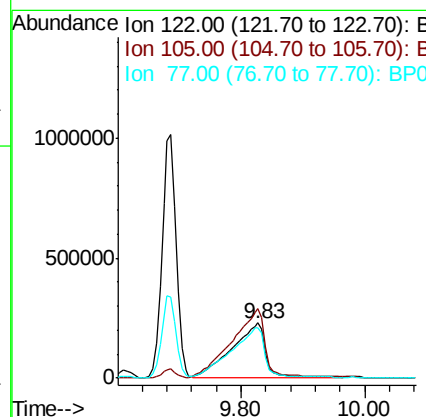
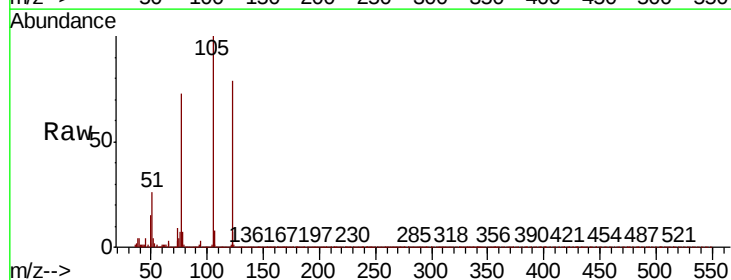
Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion:128 Resp: 4837043
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 37.416 ng
RT: 9.83 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:122 Resp: 850940
Ion Ratio Lower Upper
122 100
105 125.8 103.4 143.4
77 91.9 74.6 114.6

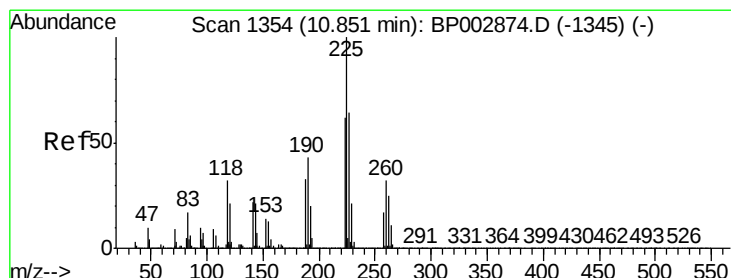
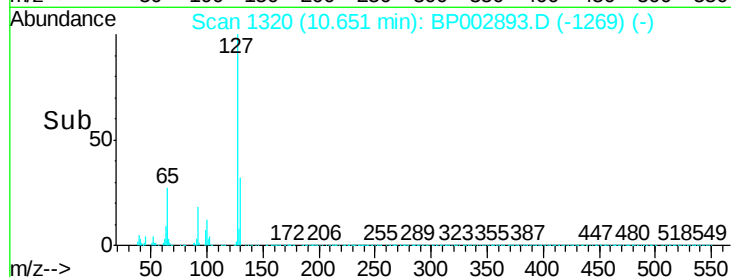
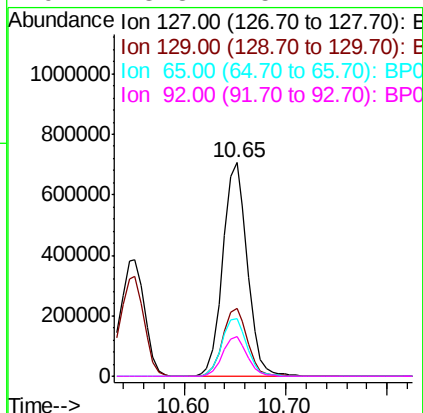
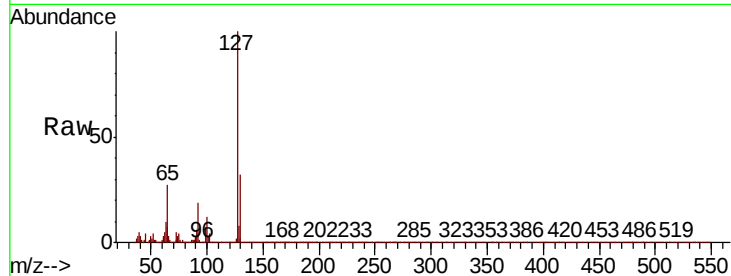




#33
4-Chloroaniline
Concen: 19.262 ng
RT: 10.65 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

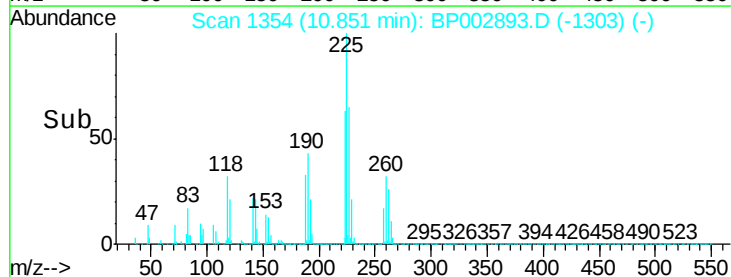
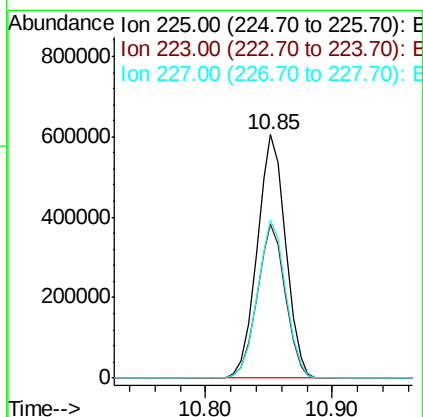
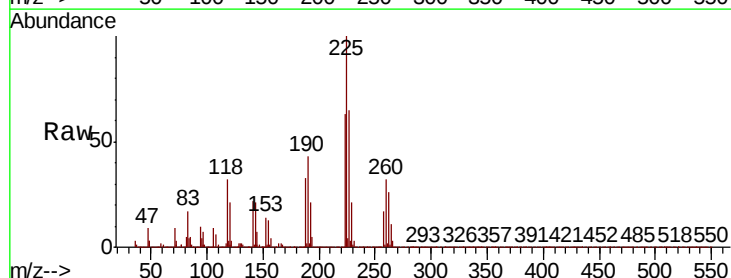
Instrument :
BNA_P
ClientSampleId :
PB130646BS

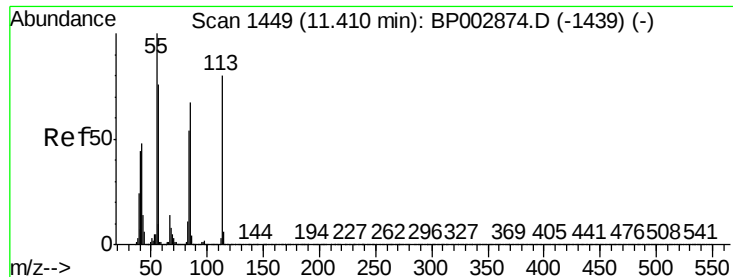
Tot Ion:127 Resp: 1182466
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4
65 27.3 22.2 33.2
92 18.8 15.1 22.7



#34
Hexachlorobutadiene
Concen: 30.749 ng
RT: 10.85 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:225 Resp: 946272
Ion Ratio Lower Upper
225 100
223 63.1 49.7 74.5
227 64.9 50.8 76.2

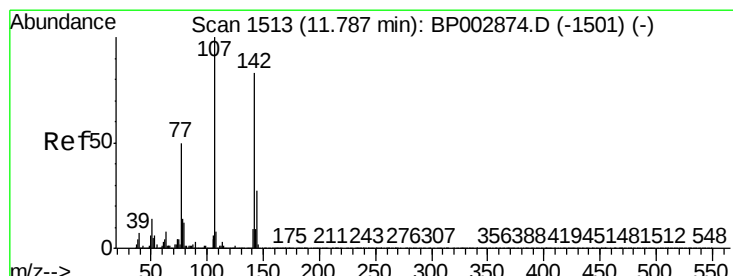
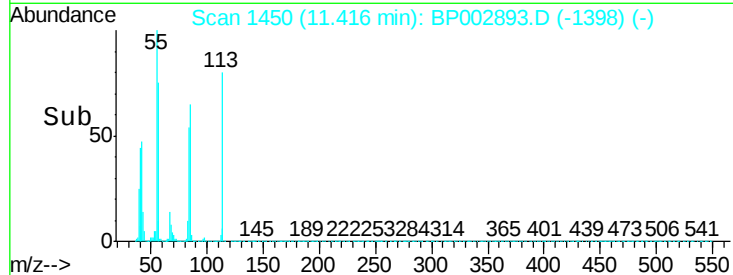
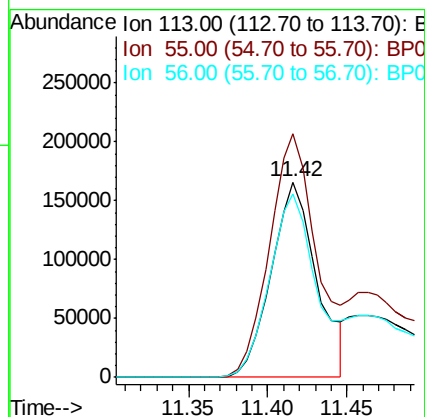
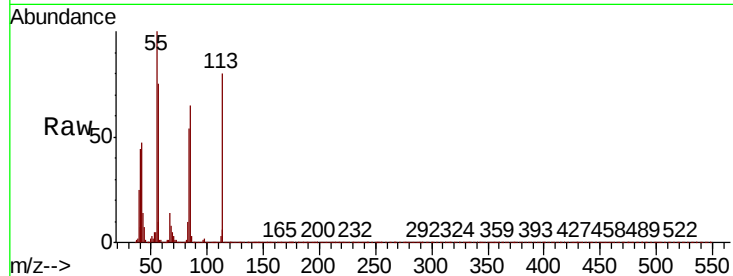




#35
Caprolactam
Concen: 24.905 ng
RT: 11.42 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

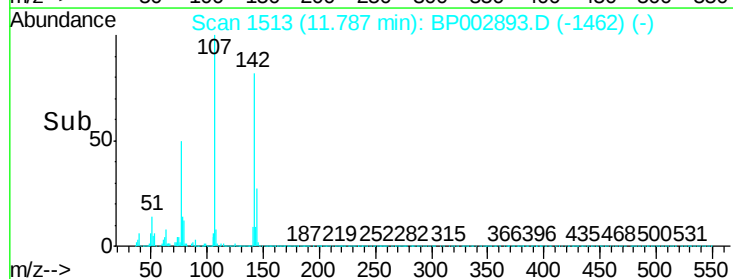
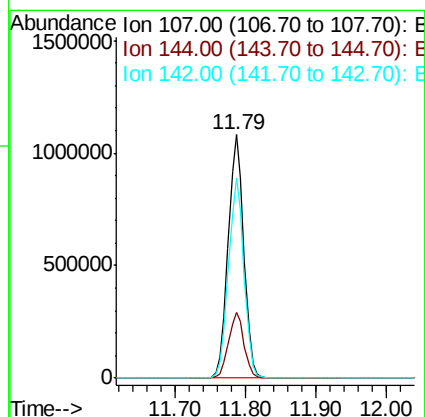
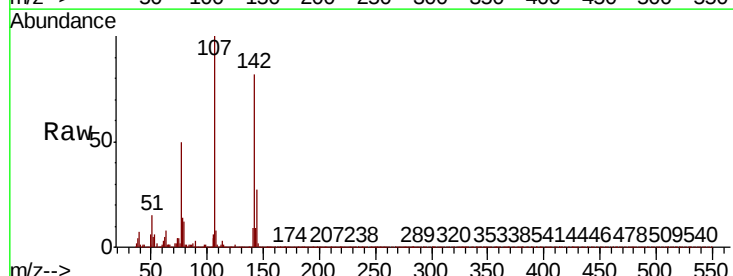
Instrument :
BNA_P
ClientSampleId :
PB130646BS

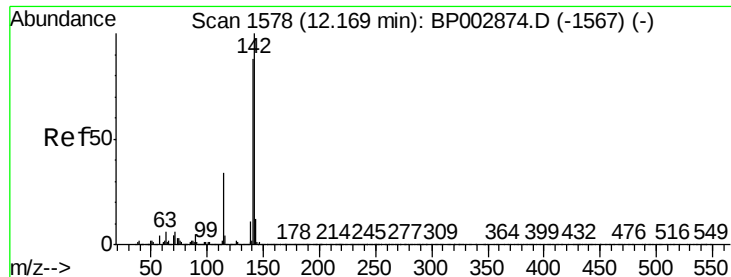
Tot Ion:113 Resp: 331500
Ion Ratio Lower Upper
113 100
55 124.9 105.6 145.6
56 94.2 74.8 114.8



#36
4-Chloro-3-methylphenol
Concen: 37.159 ng
RT: 11.79 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:107 Resp: 1661668
Ion Ratio Lower Upper
107 100
144 27.2 21.8 32.6
142 82.1 66.3 99.5

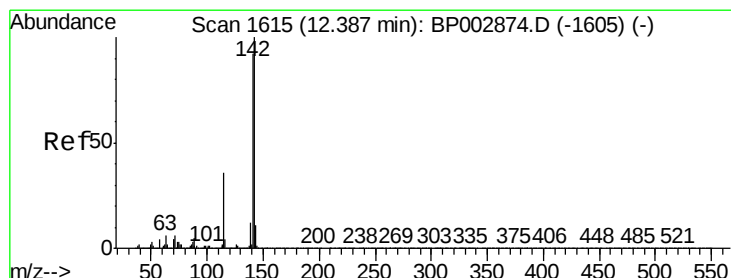
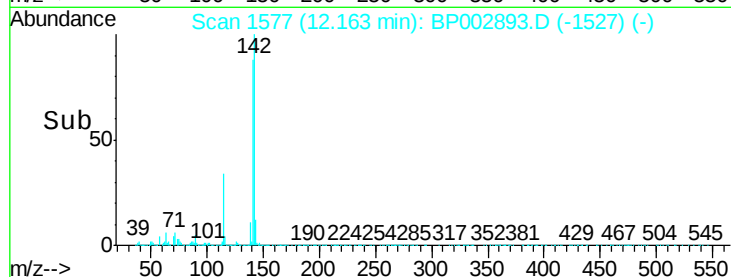
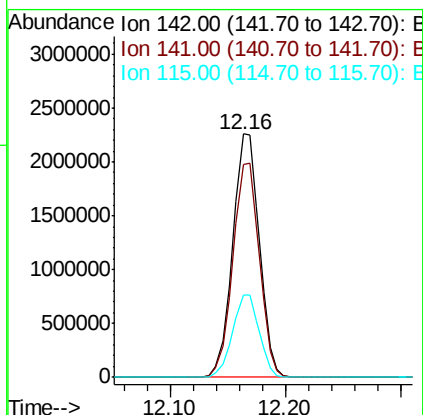
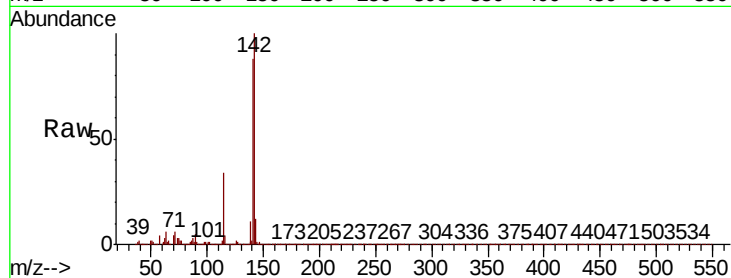




#37
2-Methylnaphthalene
Concen: 34.069 ng
RT: 12.16 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

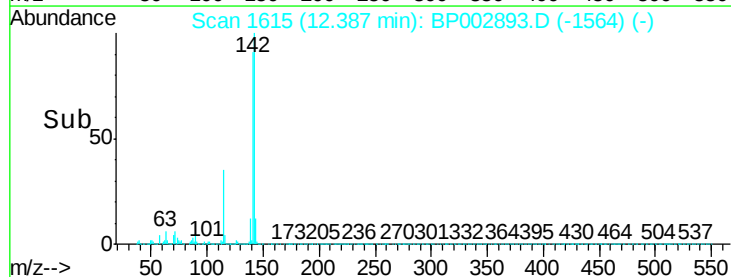
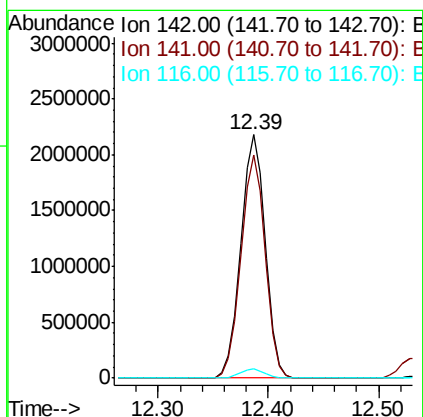
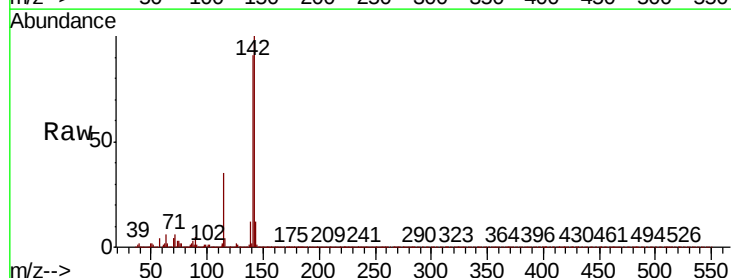
Instrument :
BNA_P
ClientSampleId :
PB130646BS

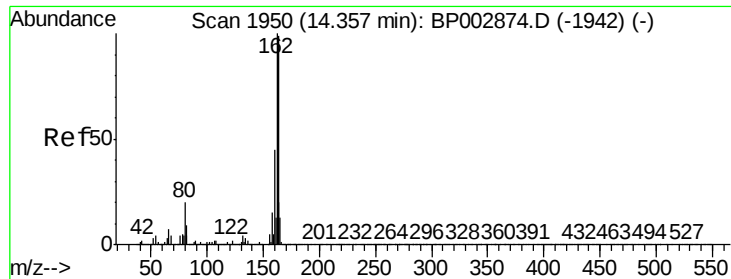
Tot Ion:142 Resp: 3589814
Ion Ratio Lower Upper
142 100
141 87.7 70.1 105.1
115 33.7 26.8 40.2



#38
1-Methylnaphthalene
Concen: 34.020 ng
RT: 12.39 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:142 Resp: 3374362
Ion Ratio Lower Upper
142 100
141 91.5 73.6 110.4
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

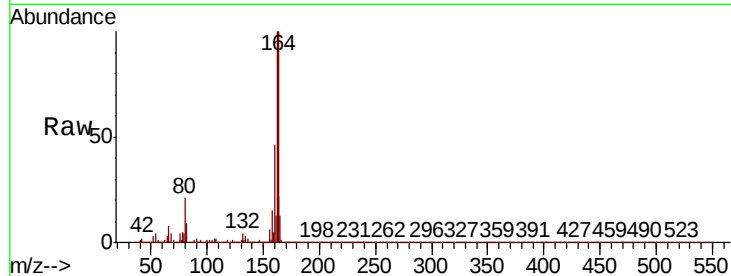
BNA_P

ClientSampleId :

PB130646BS

Tot Ion:164 Resp: 1533013

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.6
160	45.7	36.2	54.4

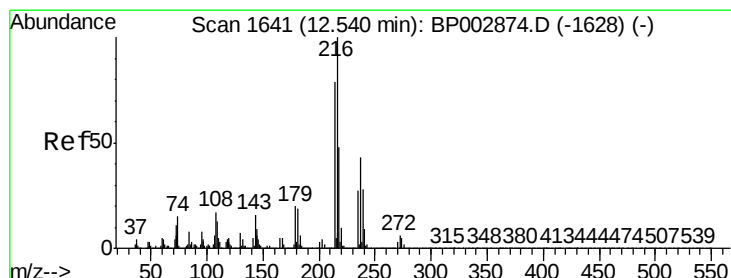
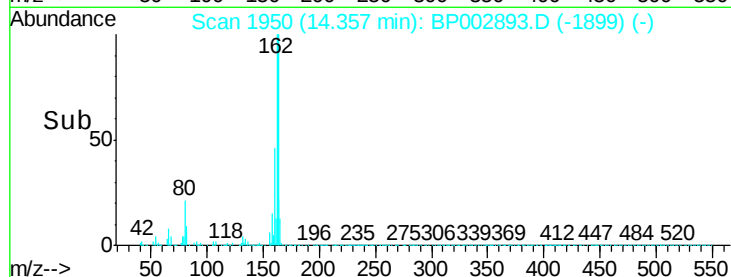
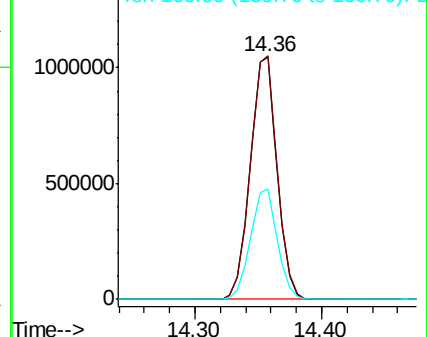


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.586 ng

RT: 12.54 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:216 Resp: 1851180

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.5	93.7
179	19.6	15.8	23.6
108	19.5	13.9	20.9

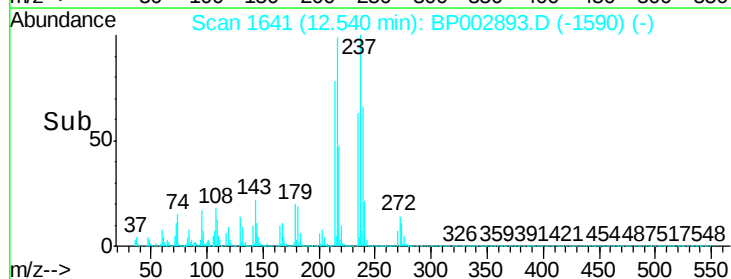
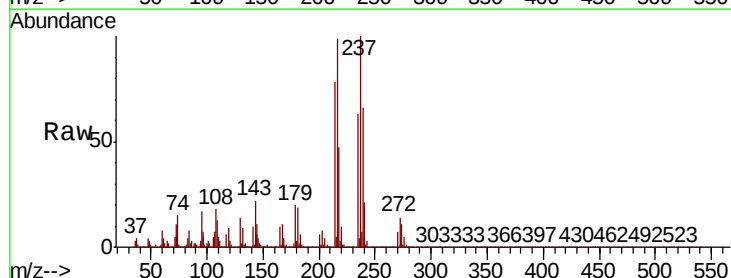
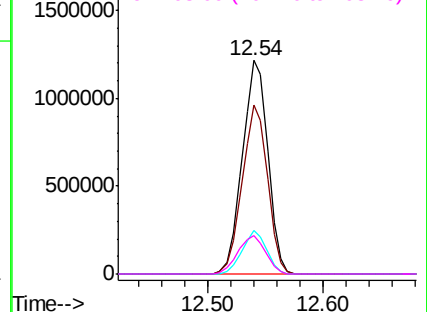
Abundance

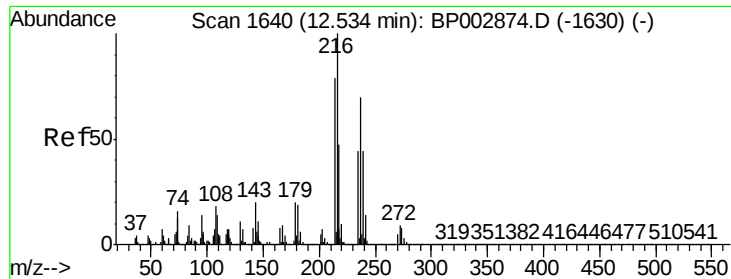
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

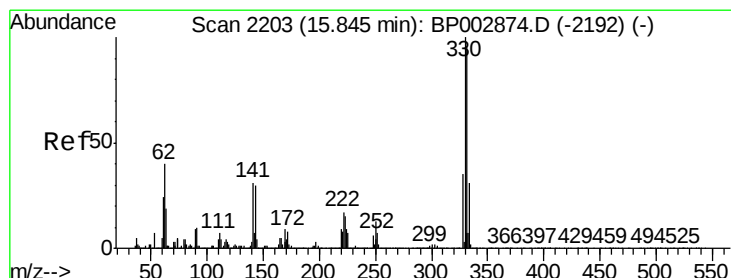
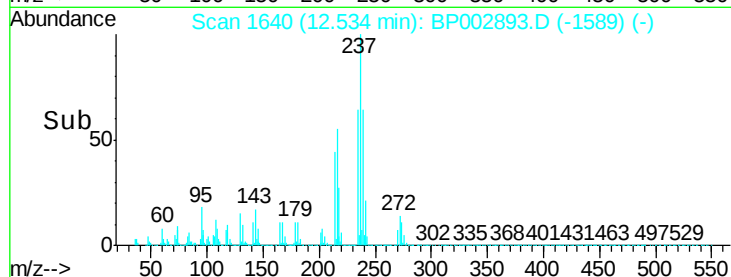
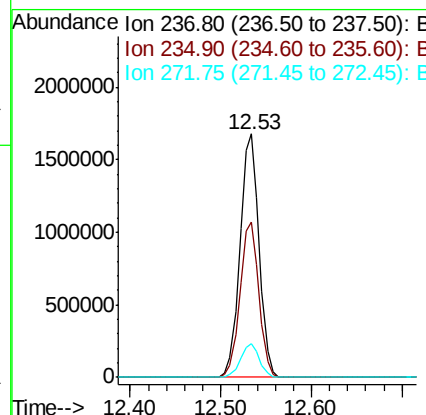
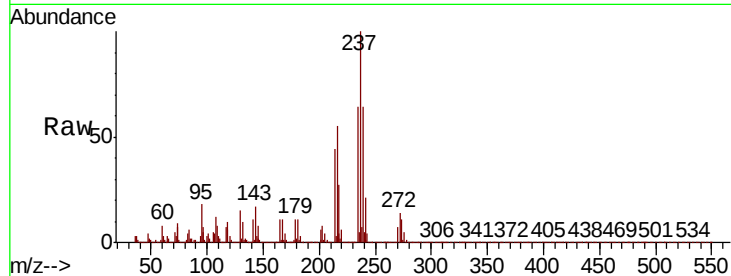




#41
Hexachlorocyclopentadiene
Concen: 85.680 ng
RT: 12.53 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

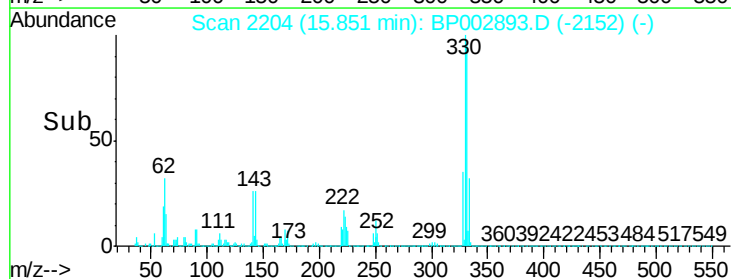
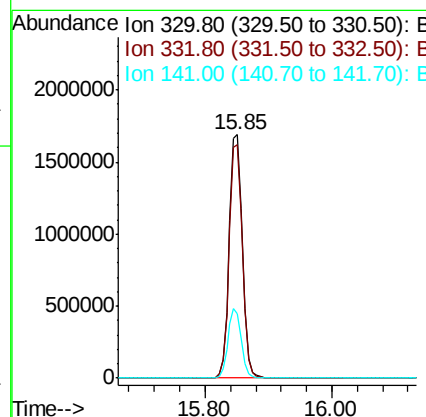
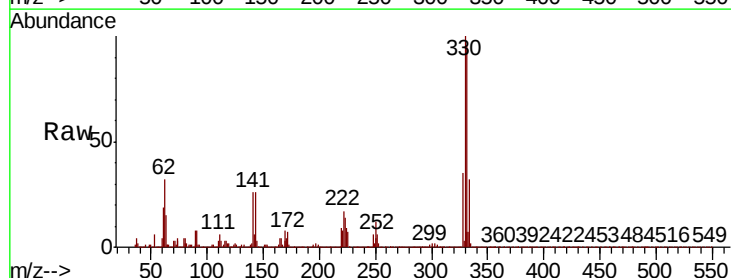
Instrument :
BNA_P
ClientSampleId :
PB130646BS

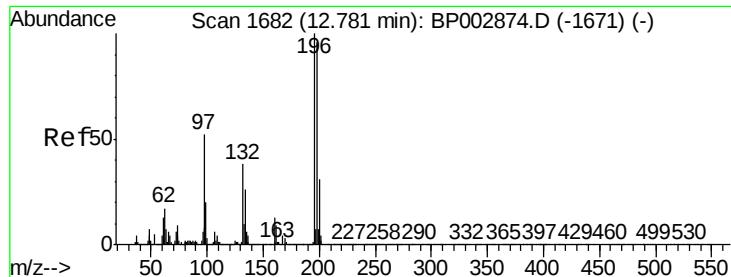
Tot Ion:237 Resp: 2449870
Ion Ratio Lower Upper
237 100
235 63.6 42.3 82.3
272 14.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 129.298 ng
RT: 15.85 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:330 Resp: 2463599
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 29.0 24.6 37.0

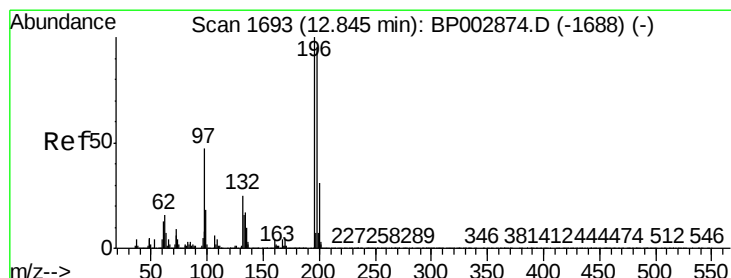
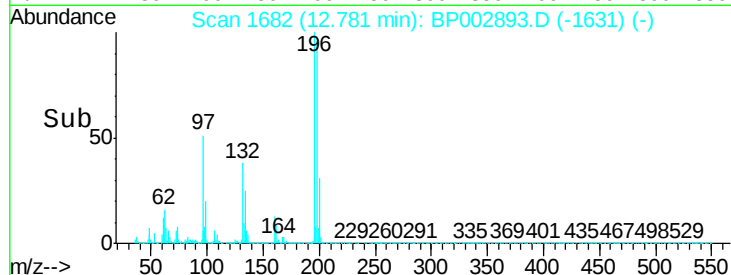
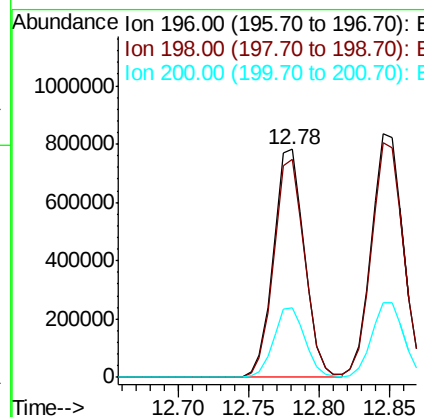
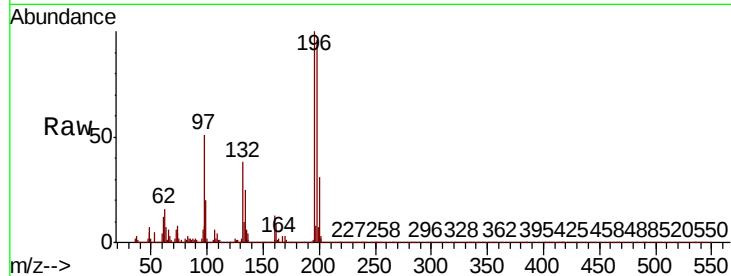




#43
 2,4,6-Trichlorophenol
 Concen: 37.778 ng
 RT: 12.78 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BP002893.D
 Acq: 31 Jul 2020 14:42

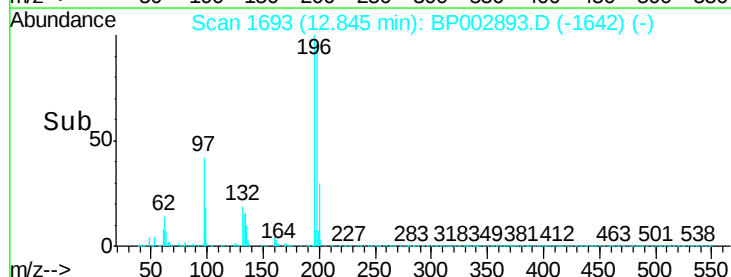
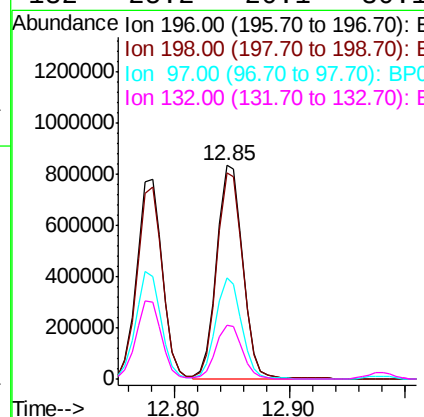
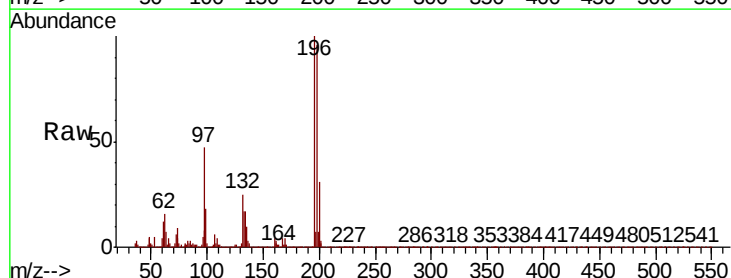
Instrument :
 BNA_P
 ClientSampleID :
 PB130646BS

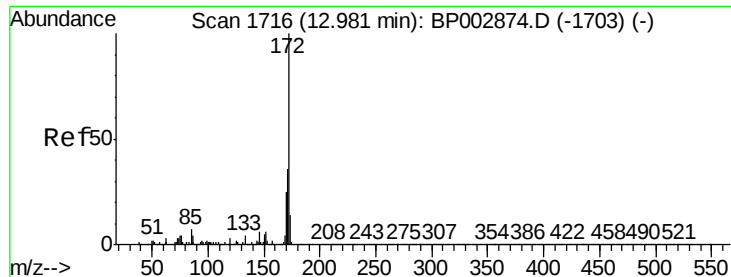
Tot Ion:196 Resp: 1206806
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.0 115.6
 200 30.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.330 ng
 RT: 12.85 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BP002893.D
 Acq: 31 Jul 2020 14:42

Tgt Ion:196 Resp: 1308189
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 97 47.3 37.6 56.4
 132 25.2 20.1 30.1

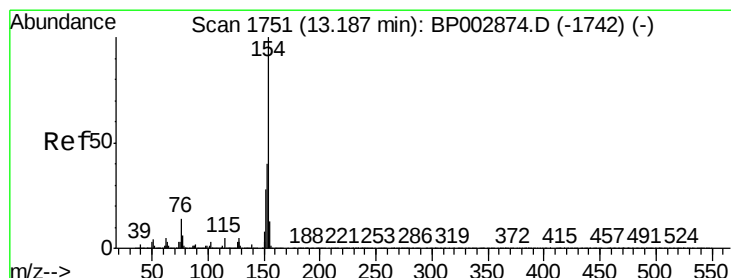
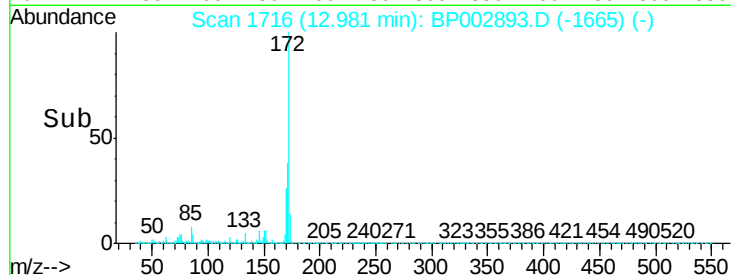
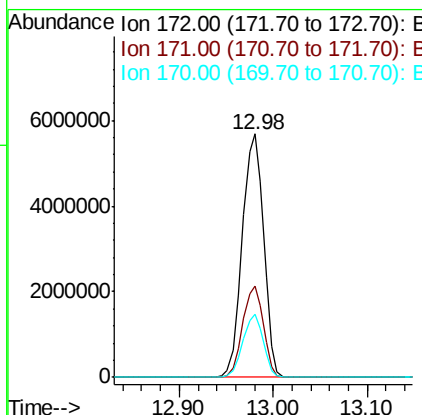
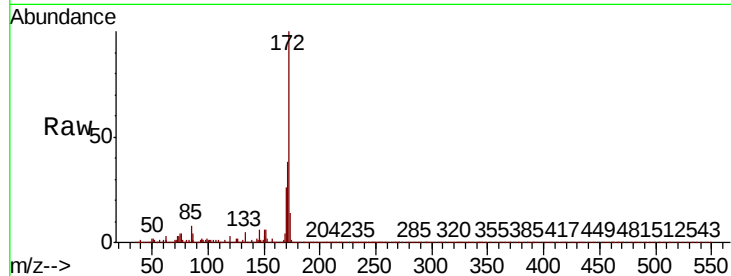




#45
2-Fluorobiphenyl
Concen: 79.604 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

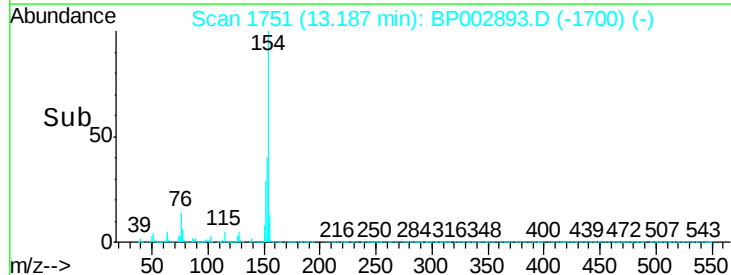
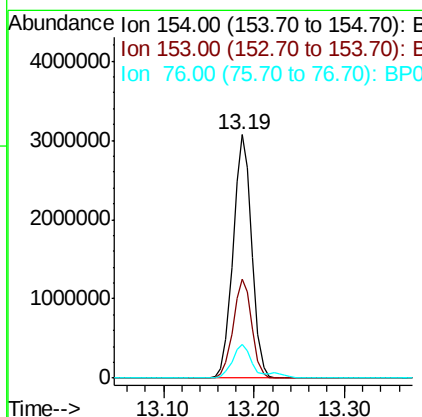
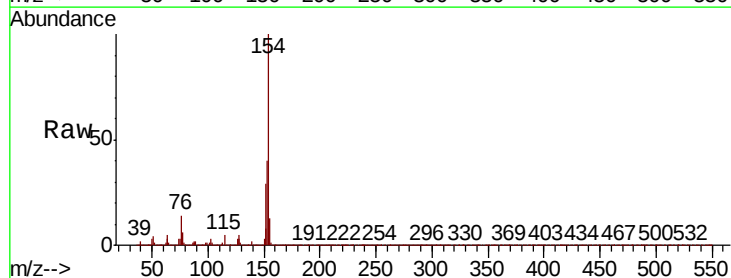
Instrument :
BNA_P
ClientSampleId :
PB130646BS

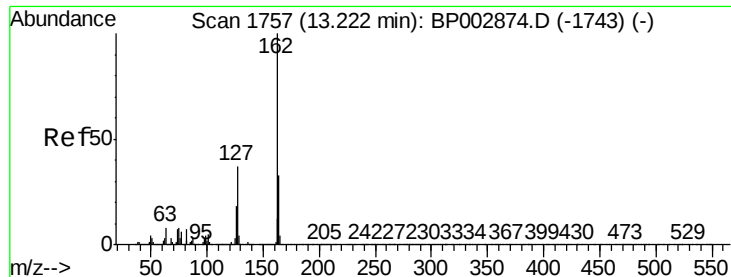
Tot Ion:172 Resp: 8931708
Ion Ratio Lower Upper
172 100
171 37.6 29.1 43.7
170 25.8 19.6 29.4



#46
1,1'-Biphenyl
Concen: 34.822 ng
RT: 13.19 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:154 Resp: 4413079
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.6 0.0 33.8

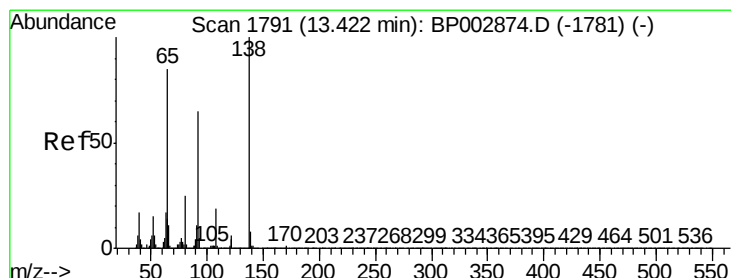
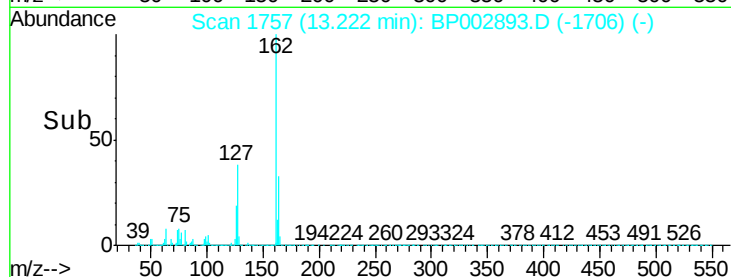
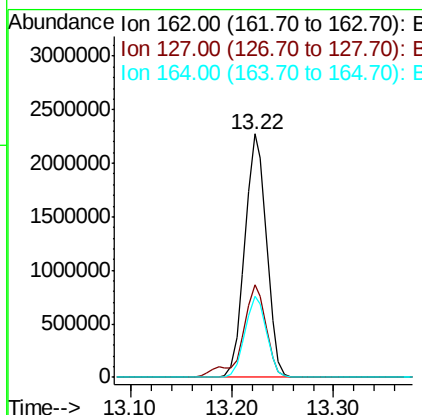
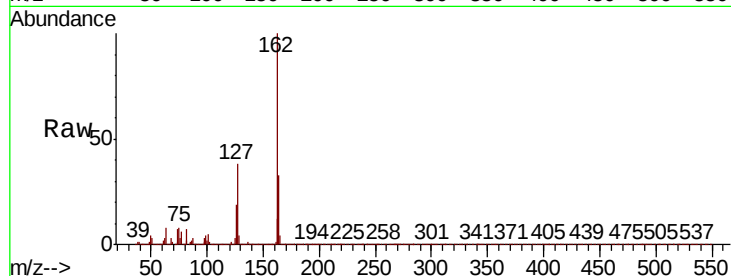




#47
2-Chloronaphthalene
Concen: 33.900 ng
RT: 13.22 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

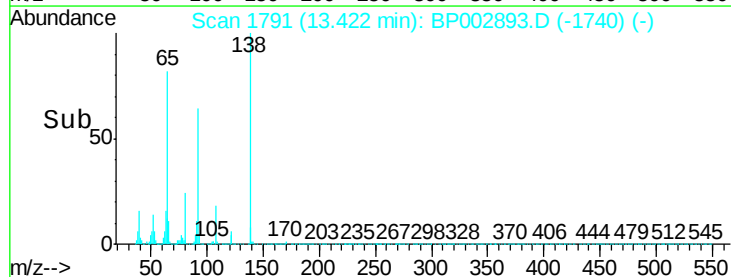
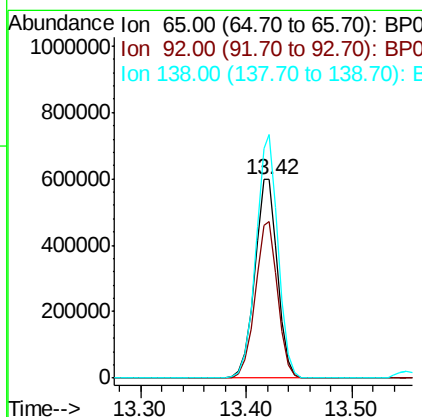
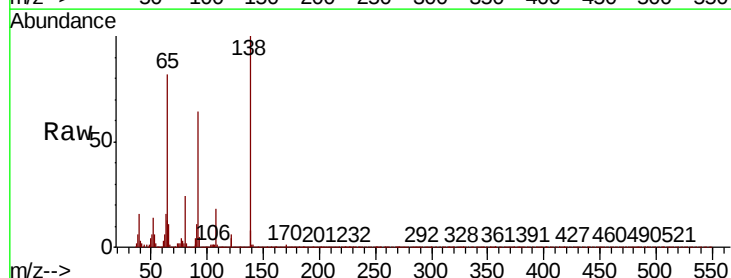
Instrument :
BNA_P
ClientSampleId :
PB130646BS

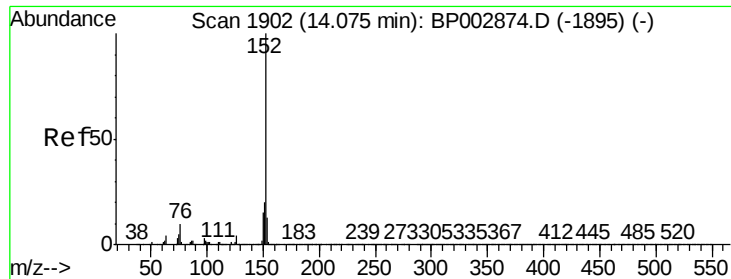
Tot Ion:162 Resp: 3364194
Ion Ratio Lower Upper
162 100
127 38.0 29.9 44.9
164 33.2 26.2 39.4



#48
2-Nitroaniline
Concen: 37.294 ng
RT: 13.42 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion: 65 Resp: 899263
Ion Ratio Lower Upper
65 100
92 78.9 61.4 92.0
138 122.6 94.2 141.4





#49

Acenaphthylene

Concen: 35.131 ng

RT: 14.07 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

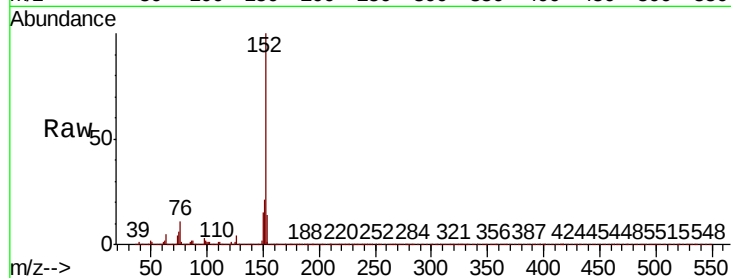
BNA_P

ClientSampleId :

PB130646BS

Tot Ion:152 Resp: 5467710

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.6	10.6	16.0

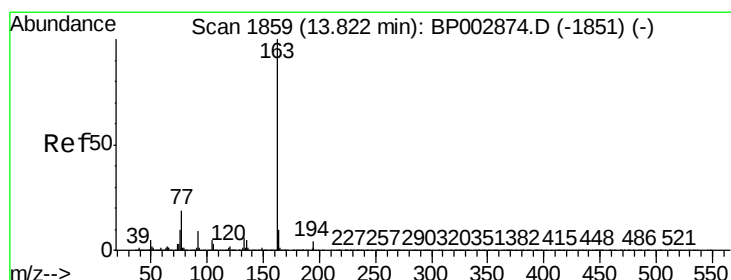
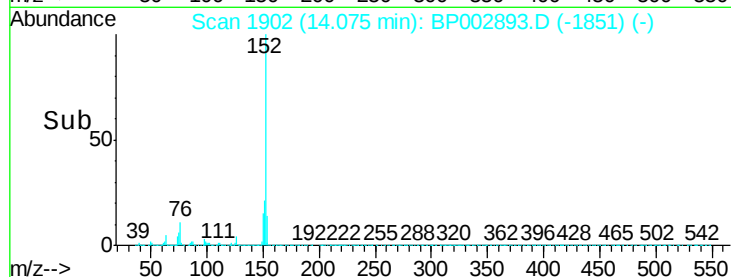
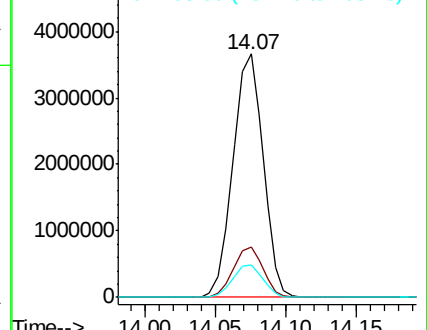


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.287 ng

RT: 13.82 min Scan# 1859

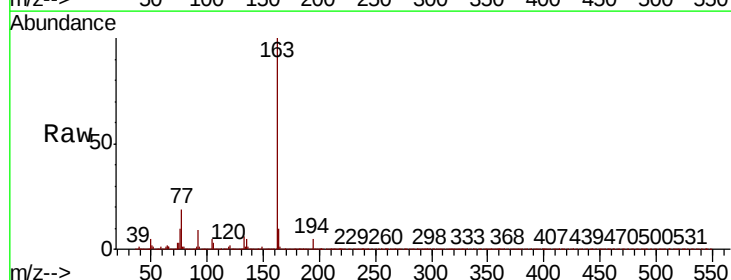
Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:163 Resp: 4231021

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.3	8.2	12.2

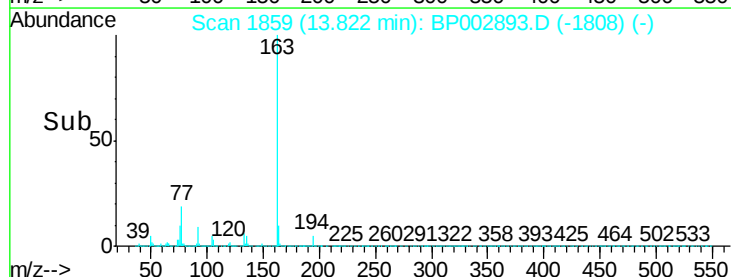
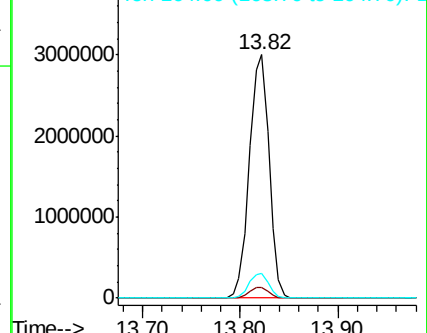


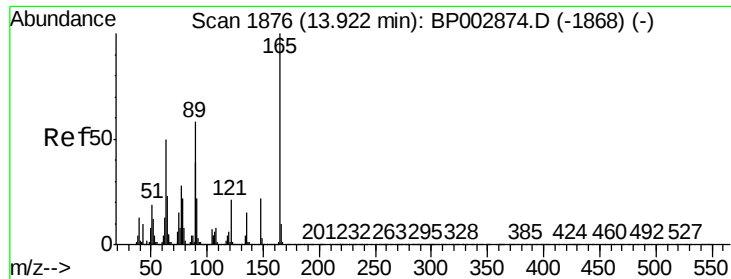
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

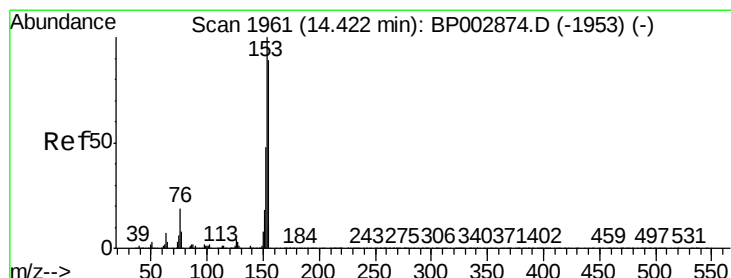
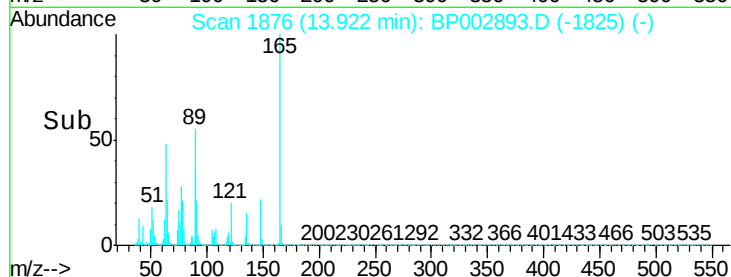
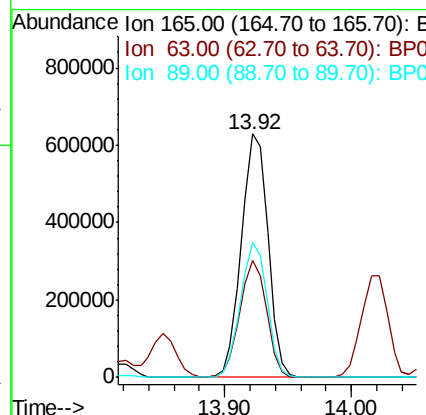
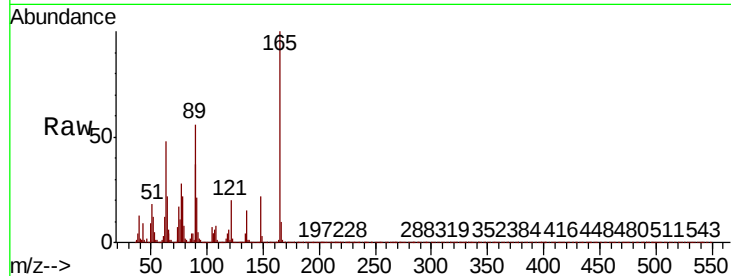




#51
2,6-Dinitrotoluene
Concen: 34.643 ng
RT: 13.92 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

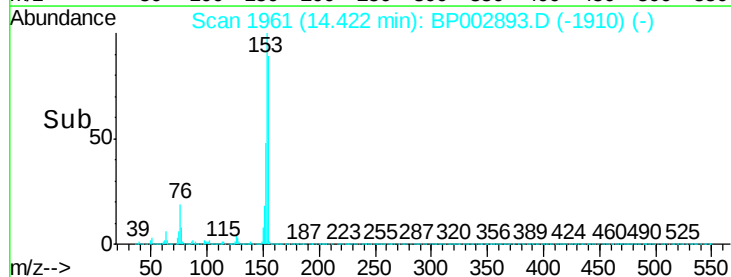
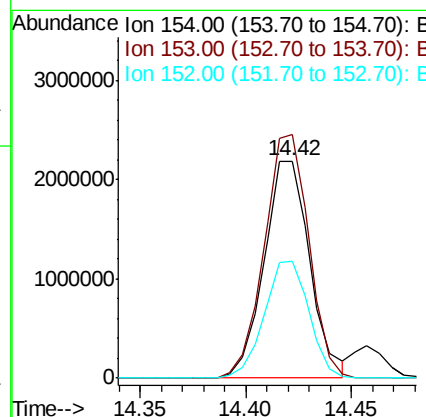
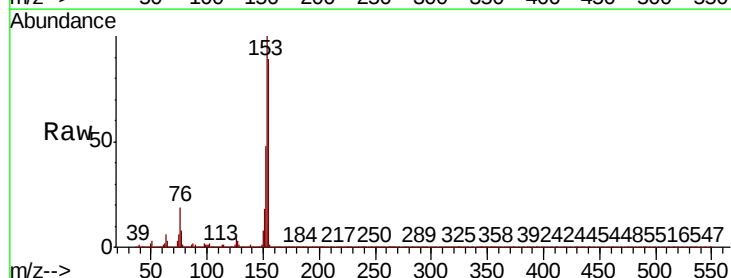
Instrument :
BNA_P
ClientSampleId :
PB130646BS

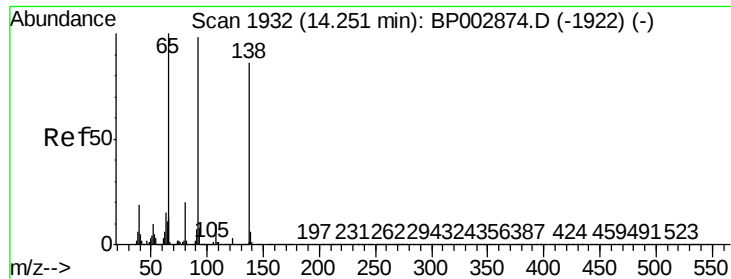
Tot Ion:165 Resp: 913137
Ion Ratio Lower Upper
165 100
63 47.8 40.3 60.5
89 55.5 46.5 69.7



#52
Acenaphthene
Concen: 33.007 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:154 Resp: 3301677
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 54.0 43.3 64.9

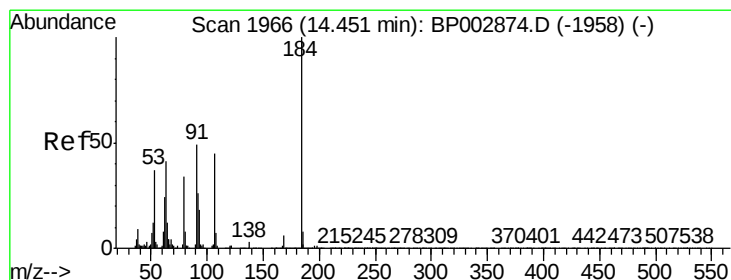
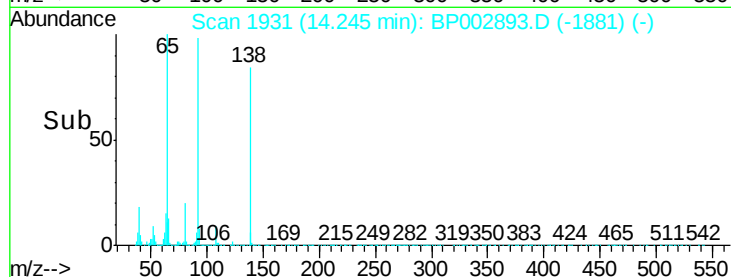
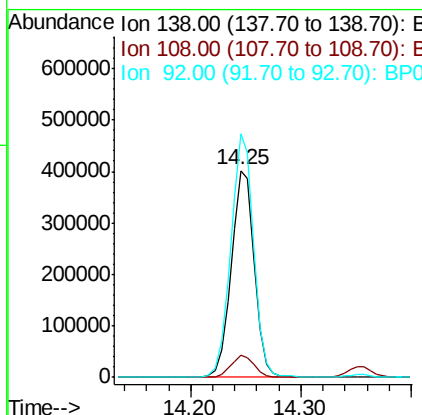
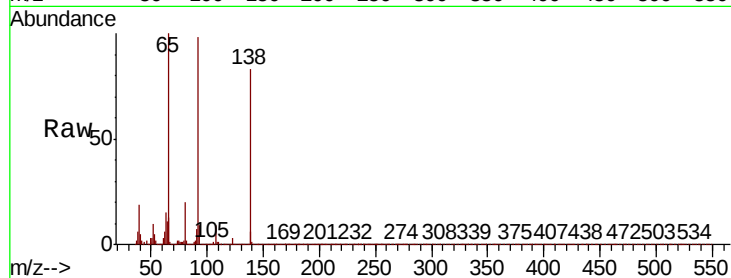




#53
3-Nitroaniline
Concen: 22.534 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

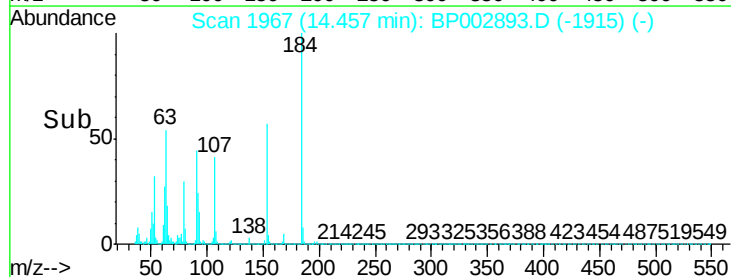
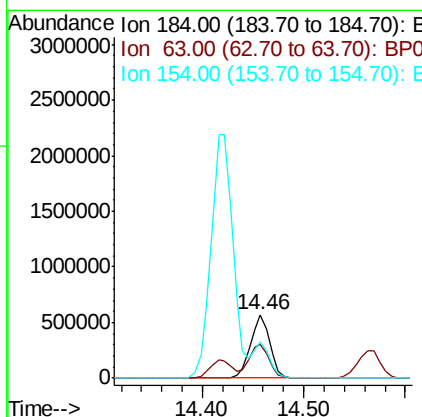
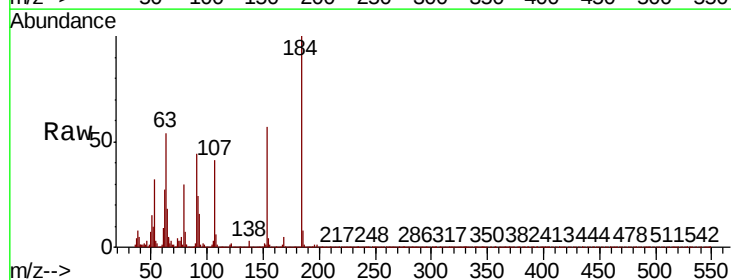
Instrument :
BNA_P
ClientSampleId :
PB130646BS

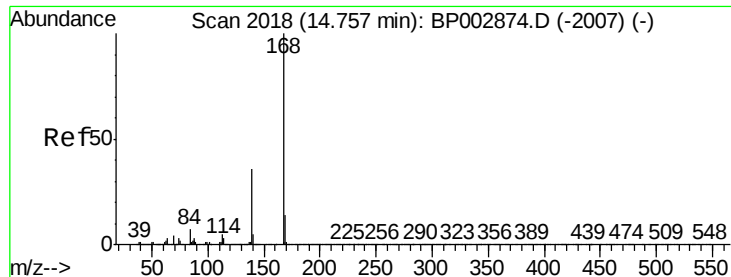
Tot Ion:138 Resp: 586623
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 117.8 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 67.577 ng
RT: 14.46 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:184 Resp: 753633
Ion Ratio Lower Upper
184 100
63 54.2 50.3 75.5
154 56.6 50.6 76.0

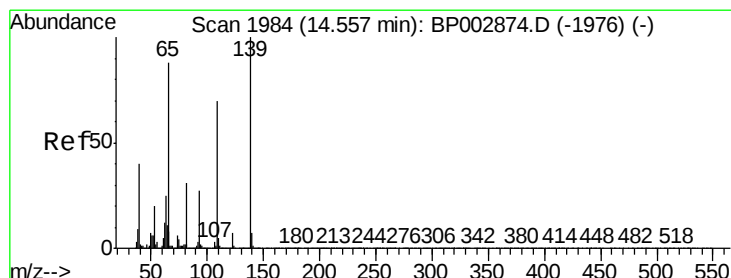
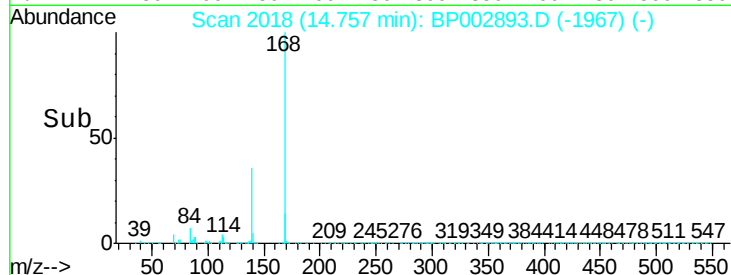
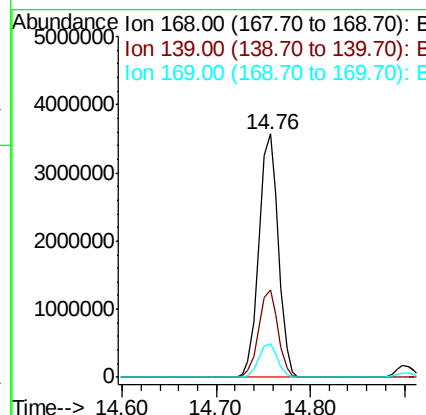
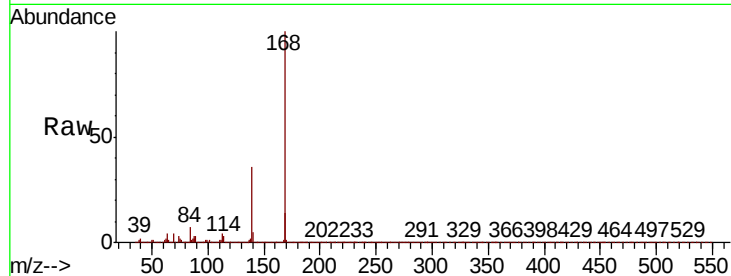




#55
Dibenzofuran
Concen: 33.251 ng
RT: 14.76 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

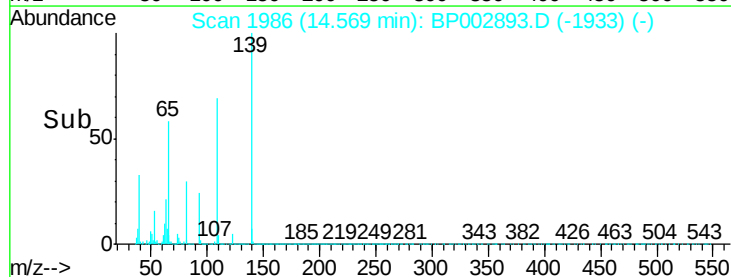
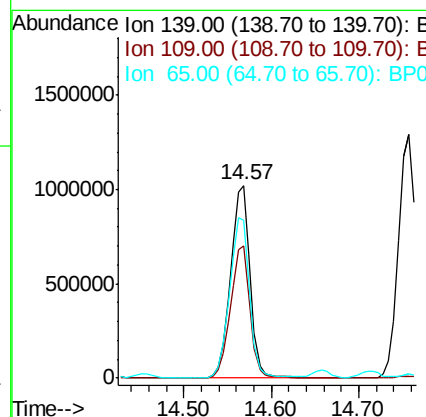
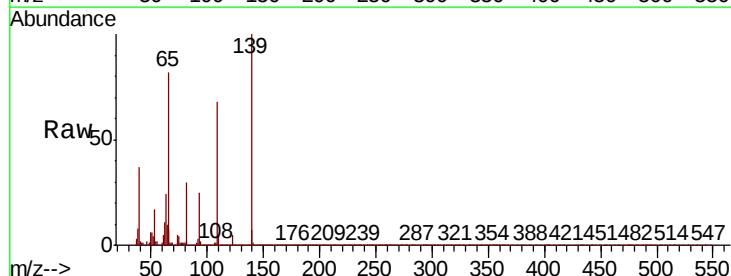
Instrument :
BNA_P
ClientSampleId :
PB130646BS

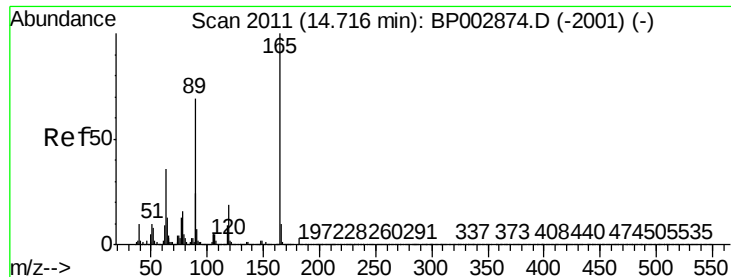
Tot Ion:168 Resp: 5101972
Ion Ratio Lower Upper
168 100
139 36.1 28.9 43.3
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 73.966 ng
RT: 14.57 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:139 Resp: 1572624
Ion Ratio Lower Upper
139 100
109 68.3 49.8 89.8
65 82.0 67.9 107.9

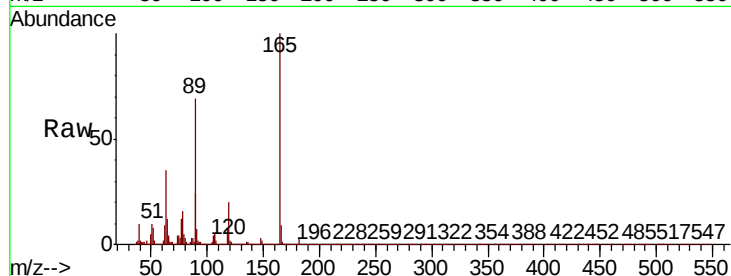




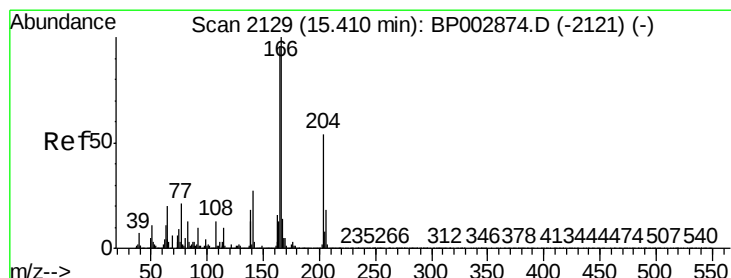
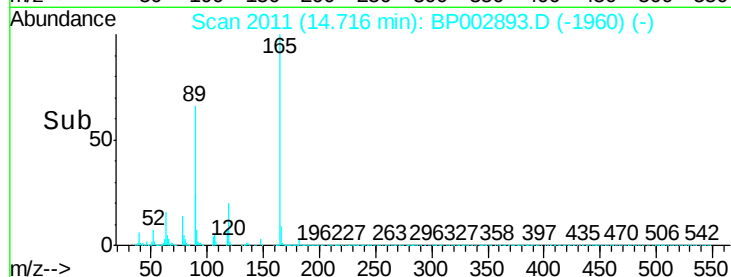
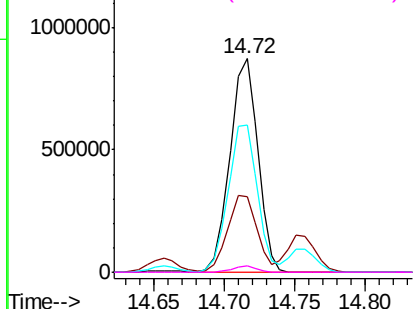
#57
2,4-Dinitrotoluene
Concen: 34.913 ng
RT: 14.72 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion:165 Resp: 1203479
Ion Ratio Lower Upper
165 100
63 35.2 29.0 43.4
89 69.0 55.5 83.3
182 2.8 2.2 3.4

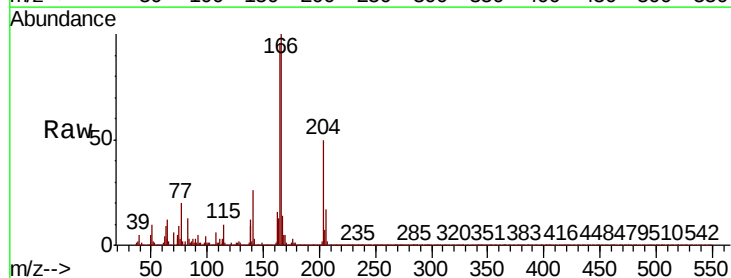


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

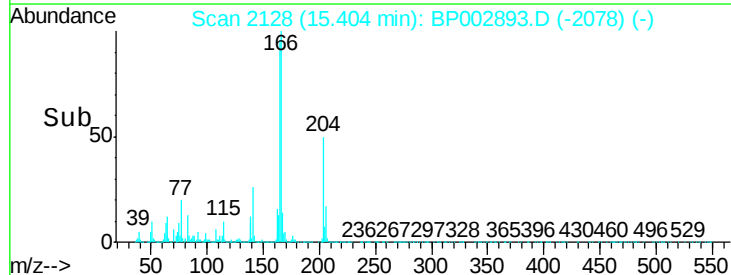
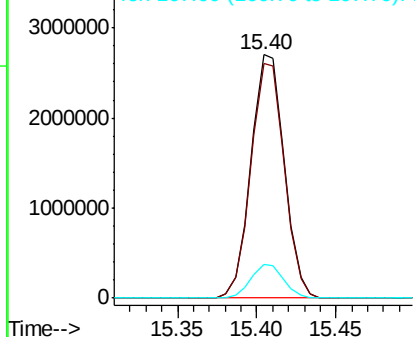


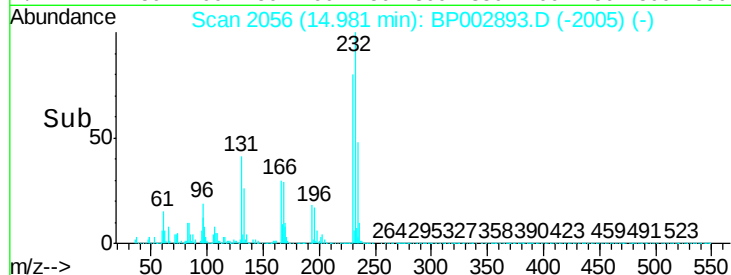
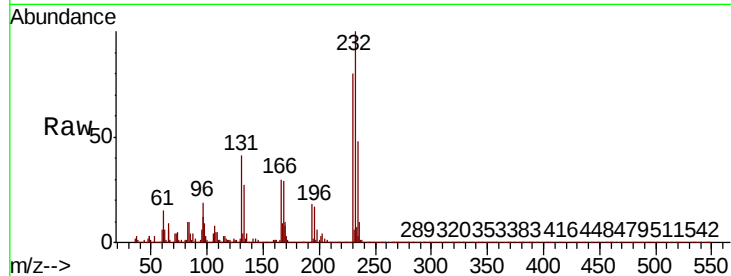
#58
Fluorene
Concen: 32.818 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:166 Resp: 3942523
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 14.0 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.429 ng

RT: 14.98 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

Tot Ion:232 Resp: 1123642

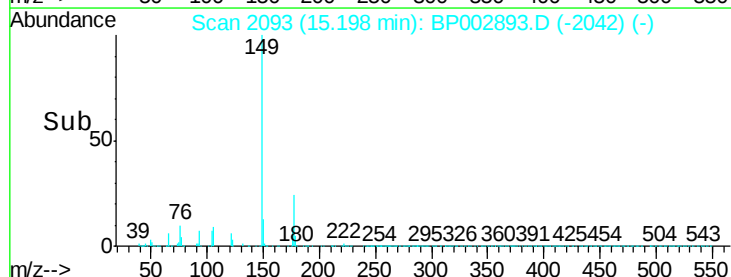
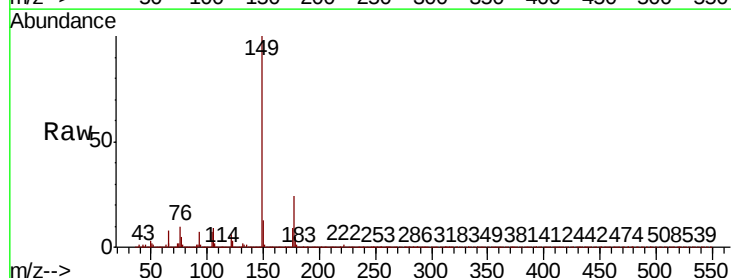
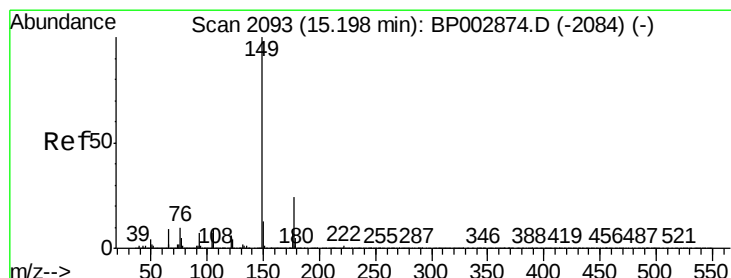
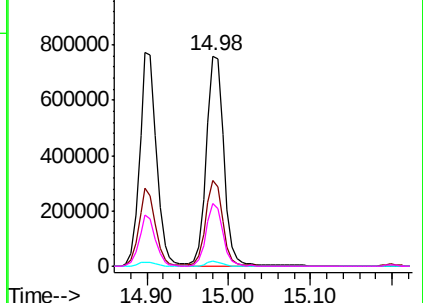
Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.1	48.1
130	2.1	1.7	2.5
166	28.5	22.9	34.3

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.535 ng

RT: 15.20 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

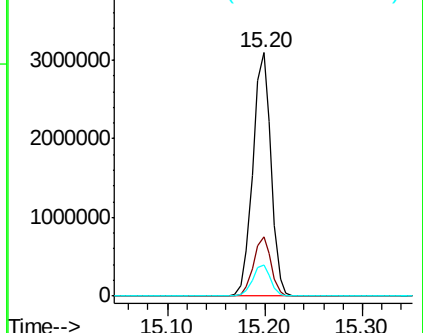
Tgt Ion:149 Resp: 4046242

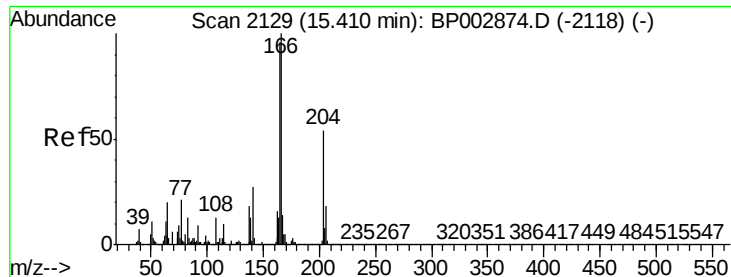
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.9	28.3
150	12.7	10.2	15.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

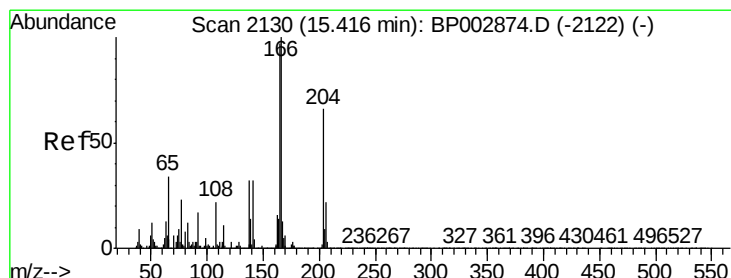
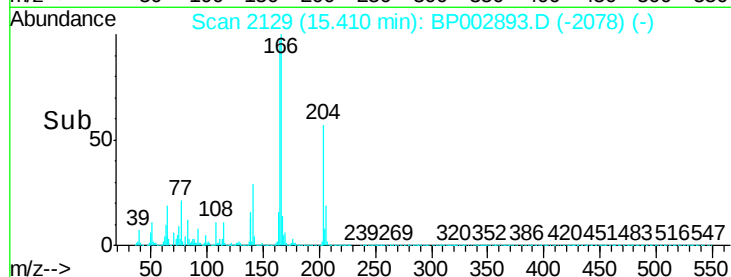
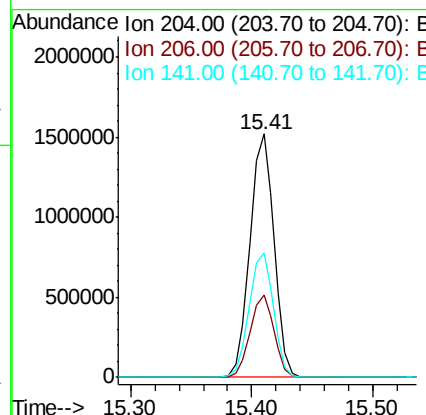
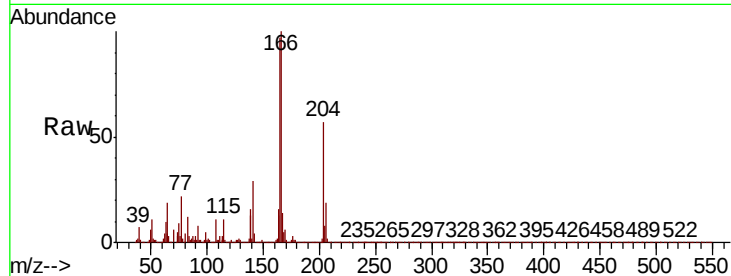




#61
4-Chlorophenyl-phenylether
Concen: 34.174 ng
RT: 15.41 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

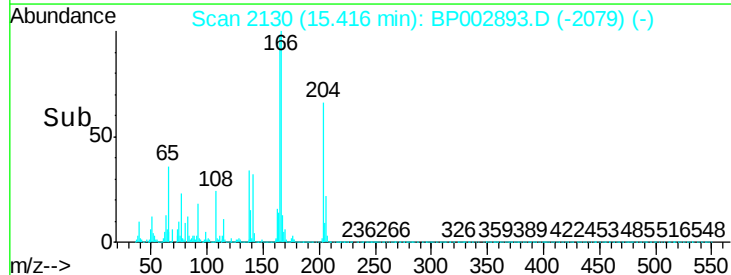
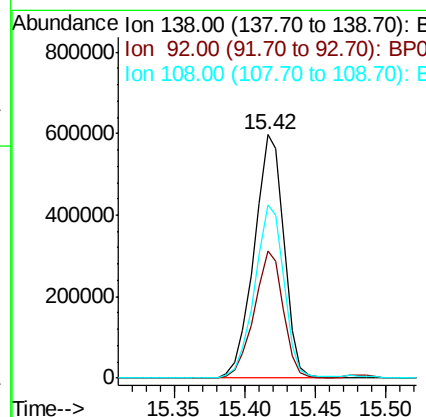
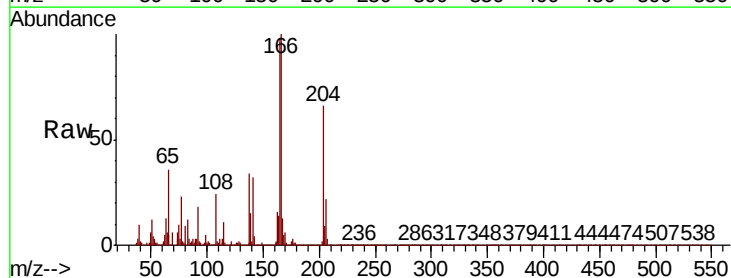
Instrument :
BNA_P
ClientSampleId :
PB130646BS

Tot Ion:204 Resp: 2112910
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 51.3 40.5 60.7



#62
4-Nitroaniline
Concen: 32.833 ng
RT: 15.42 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:138 Resp: 891150
Ion Ratio Lower Upper
138 100
92 52.0 32.2 72.2
108 71.2 50.0 90.0





#63

Azobenzene

Concen: 33.488 ng

RT: 15.70 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

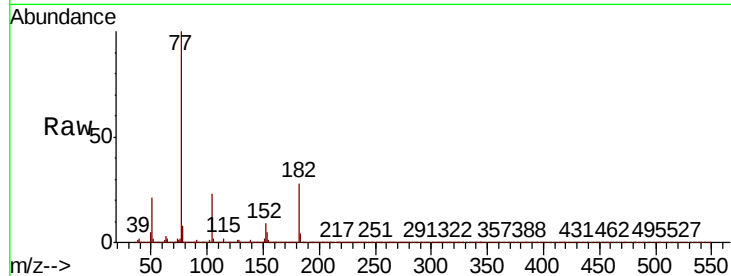
BNA_P

ClientSampleId :

PB130646BS

Tot Ion: 77 Resp: 3949942

Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.9	46.9
105	22.6	2.1	42.1
51	20.9	0.7	40.7

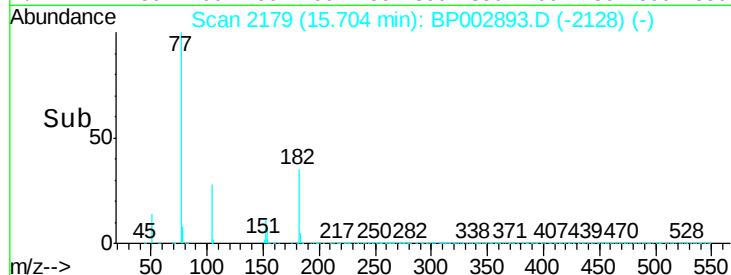


Abundance Ion 77.00 (76.70 to 77.70): BP0

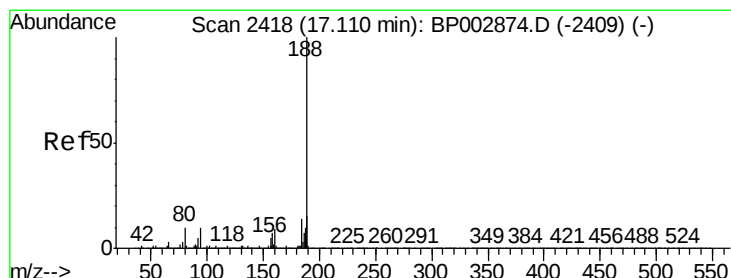
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2418

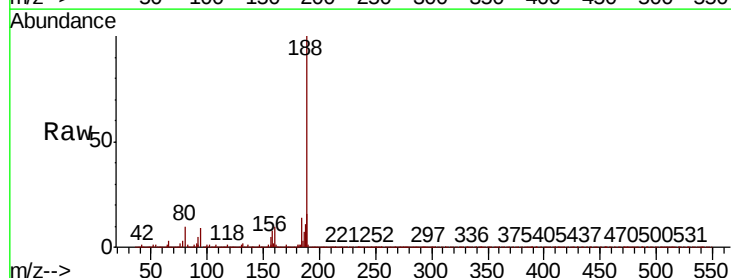
Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion: 188 Resp: 2986791

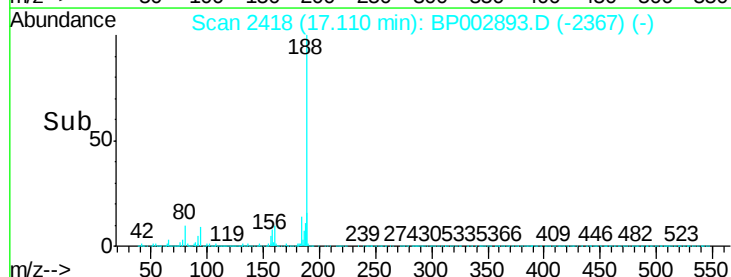
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.0	8.0	12.0



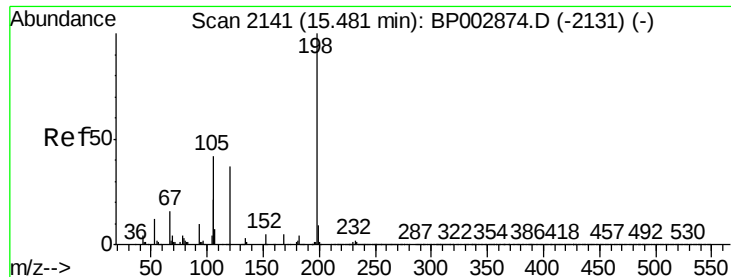
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 35.360 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

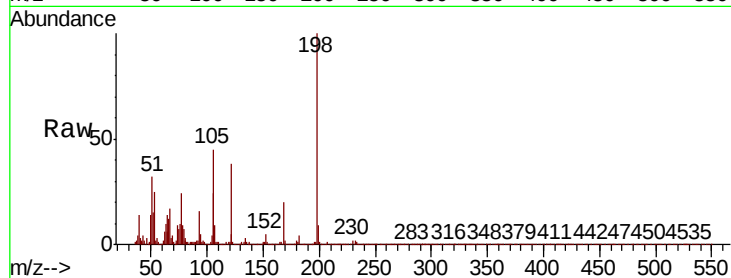
Tot Ion:198 Resp: 517253

Ion Ratio Lower Upper

198 100

51 32.3 11.6 51.6

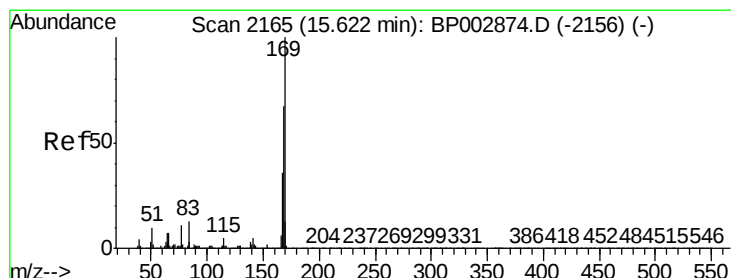
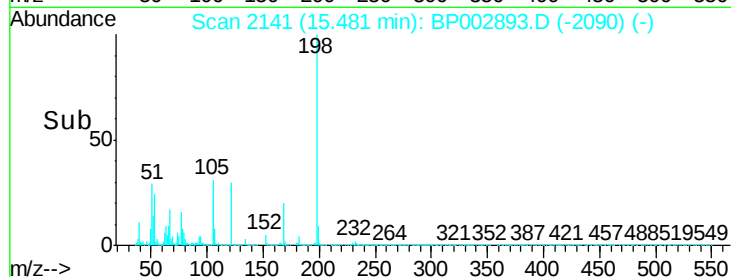
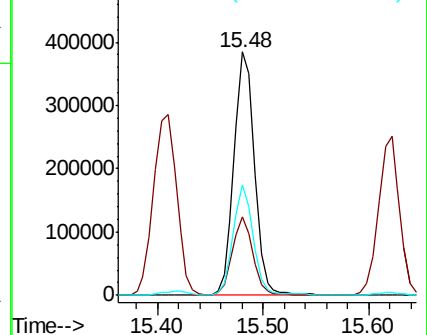
105 45.3 23.8 63.8



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



#66

n-Nitrosodiphenylamine

Concen: 36.130 ng

RT: 15.62 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

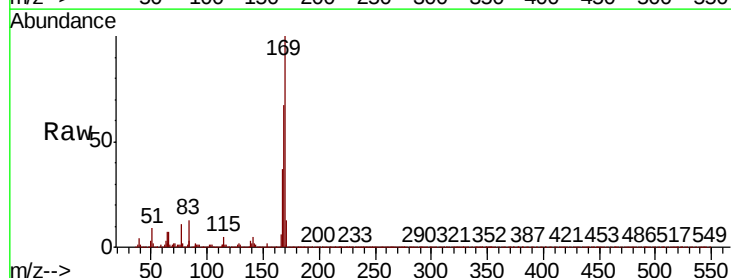
Tgt Ion:169 Resp: 3573970

Ion Ratio Lower Upper

169 100

168 66.5 53.6 80.4

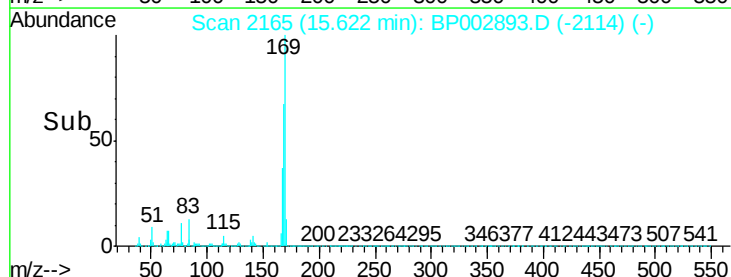
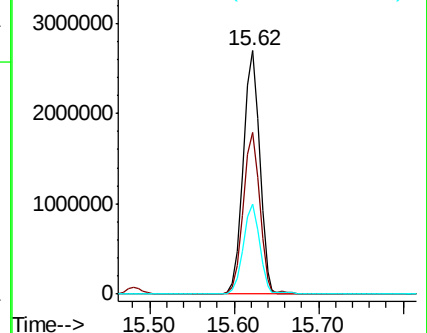
167 37.1 29.1 43.7

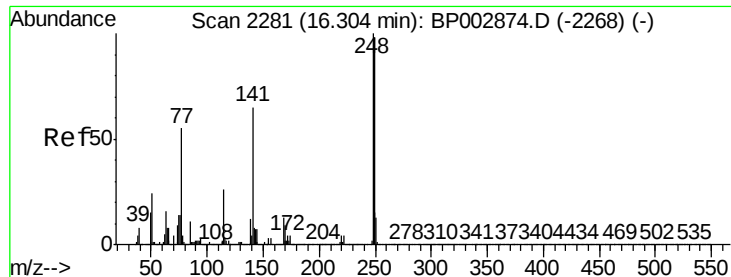


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.974 ng

RT: 16.30 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

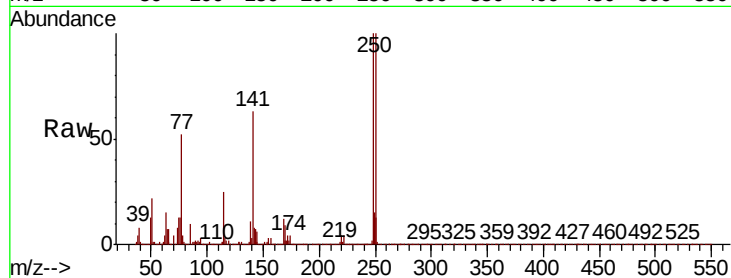
Tot Ion:248 Resp: 1343528

Ion Ratio Lower Upper

248 100

250 99.7 78.6 118.0

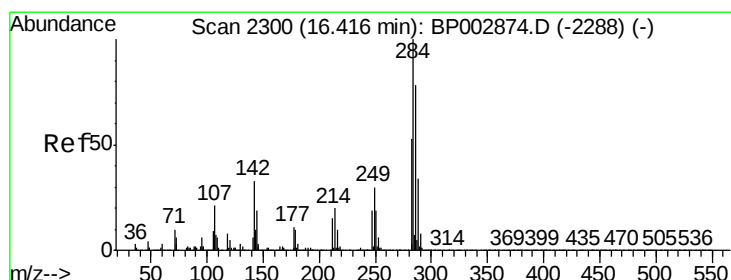
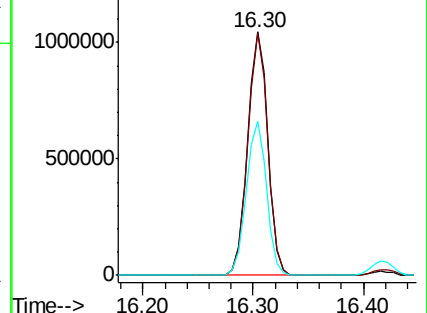
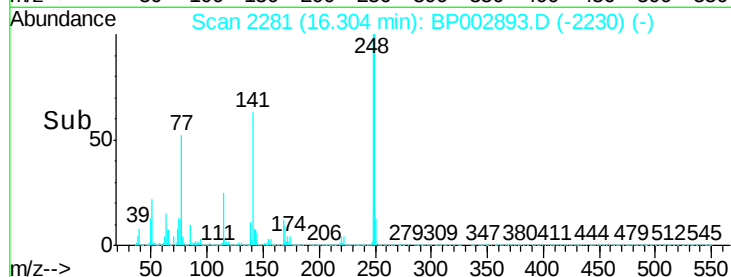
141 63.2 52.3 78.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.360 ng

RT: 16.42 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

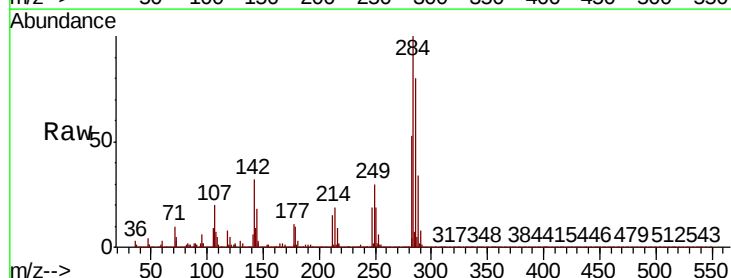
Tgt Ion:284 Resp: 1528171

Ion Ratio Lower Upper

284 100

142 31.5 26.1 39.1

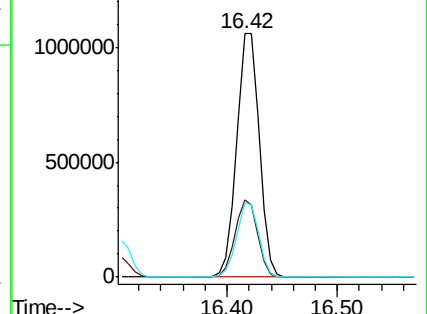
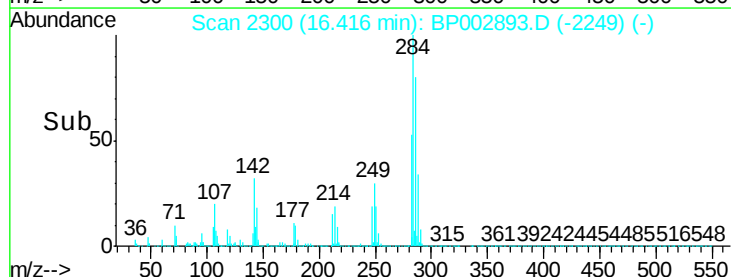
249 30.5 24.2 36.2

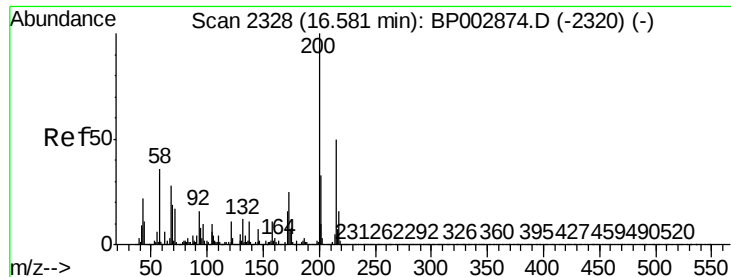


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 32.479 ng

RT: 16.58 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

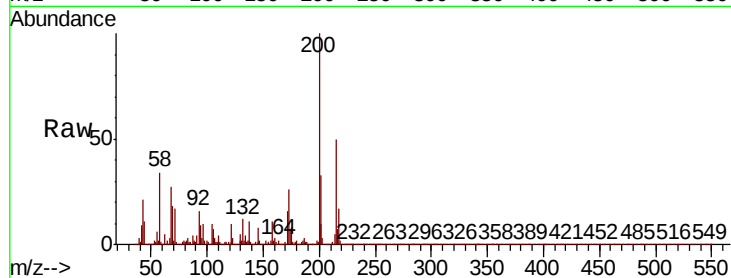
BNA_P

ClientSampleId :

PB130646BS

Tot Ion:200 Resp: 1088468

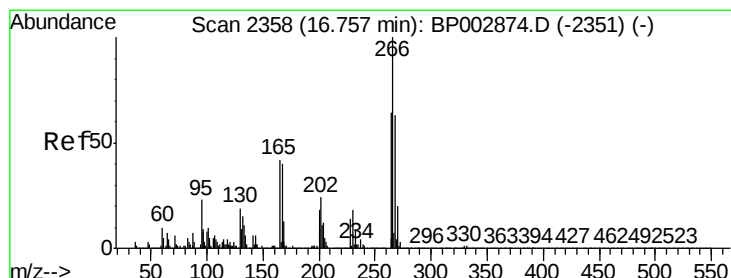
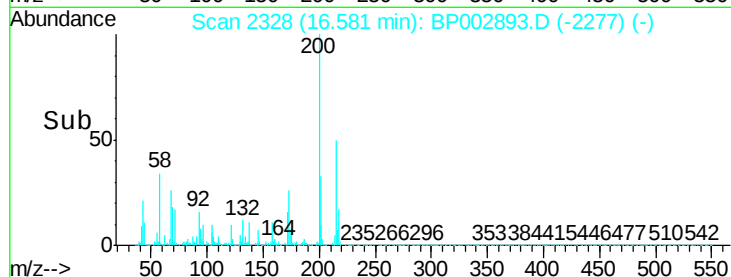
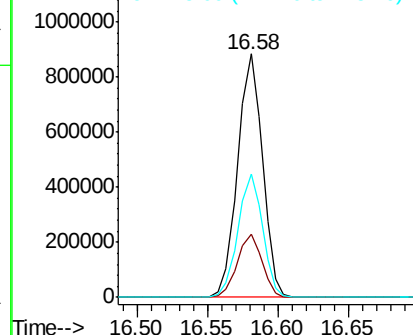
Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.3	45.3
215	50.4	29.7	69.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.717 ng

RT: 16.76 min Scan# 2359

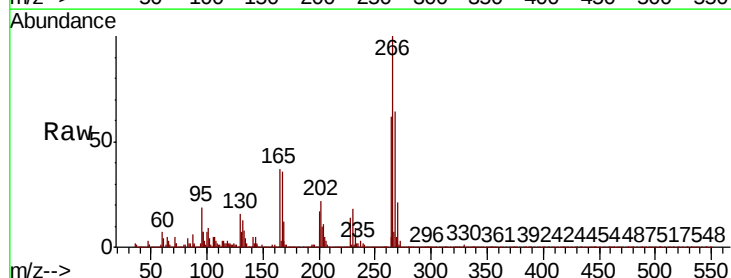
Delta R.T. 0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:266 Resp: 1737413

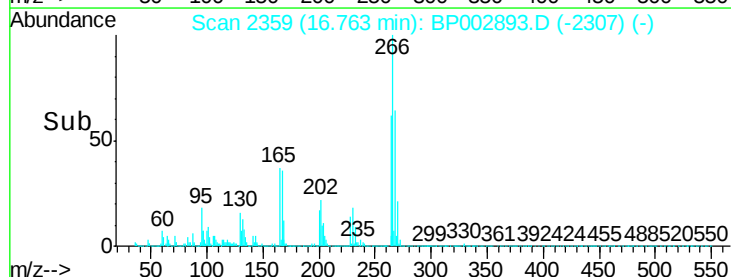
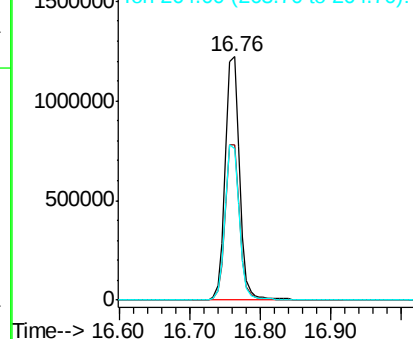
Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.7	76.1
264	62.4	50.9	76.3

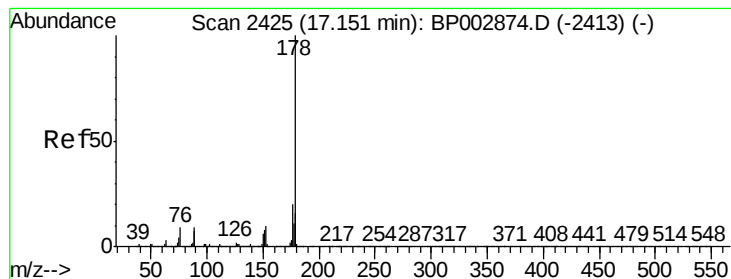


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.346 ng

RT: 17.15 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

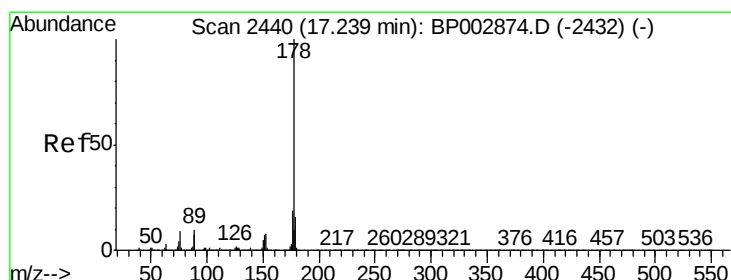
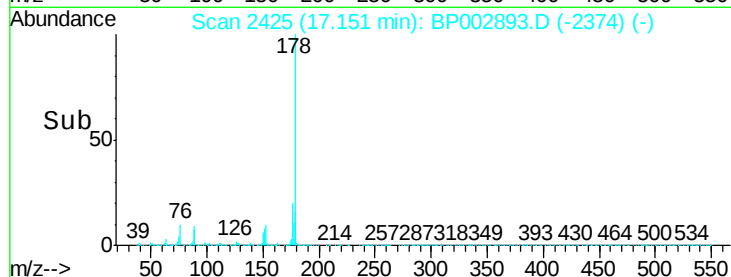
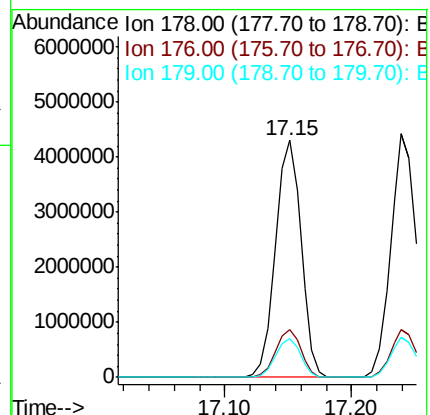
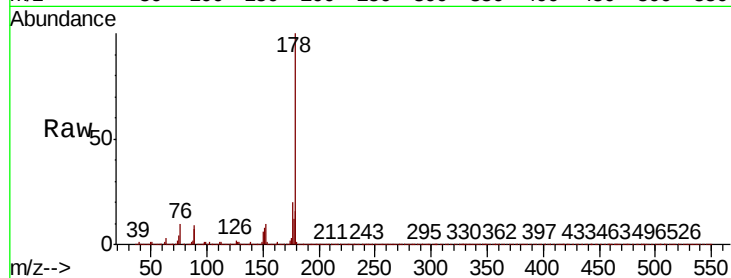
BNA_P

ClientSampleId :

PB130646BS

Tot Ion:178 Resp: 6015486

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.4	13.0	19.4



#72

Anthracene

Concen: 35.773 ng

RT: 17.24 min Scan# 2440

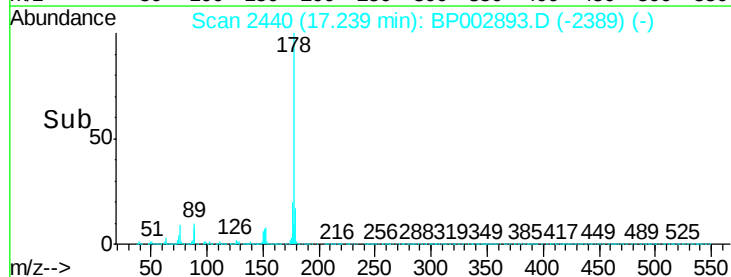
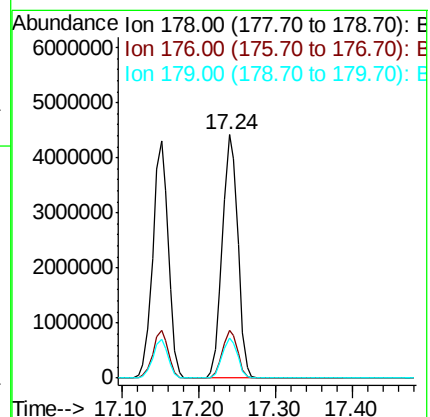
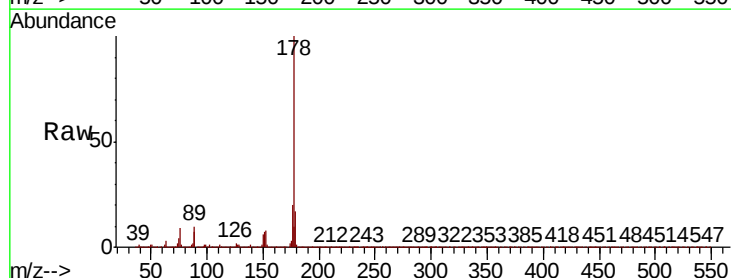
Delta R.T. -0.00 min

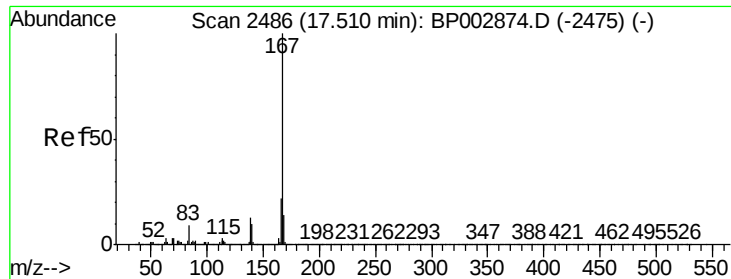
Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:178 Resp: 6123580

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.6	13.1	19.7

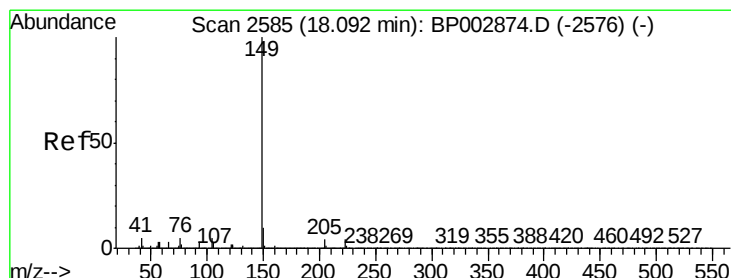
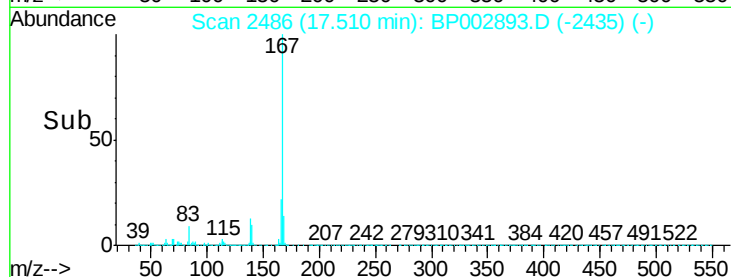
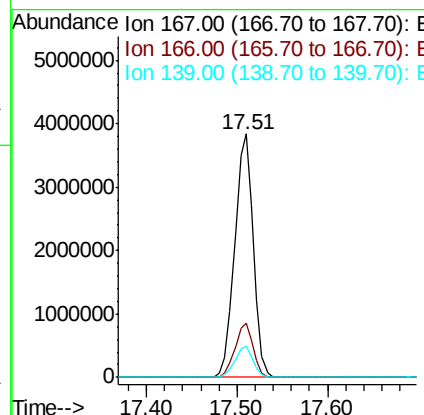
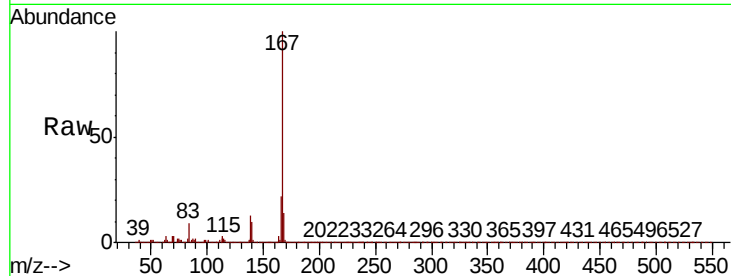




#73
 Carbazole
 Concen: 32.592 ng
 RT: 17.51 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BP002893.D
 Acq: 31 Jul 2020 14:42

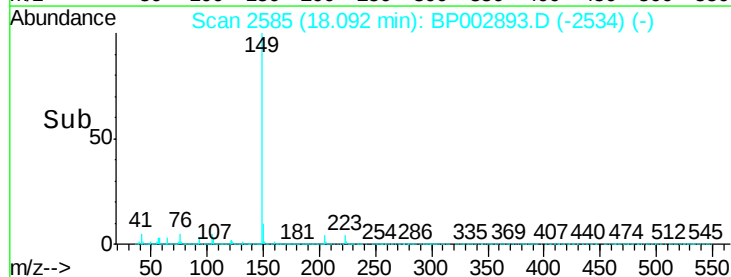
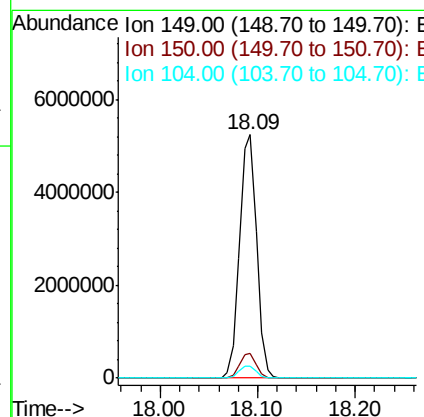
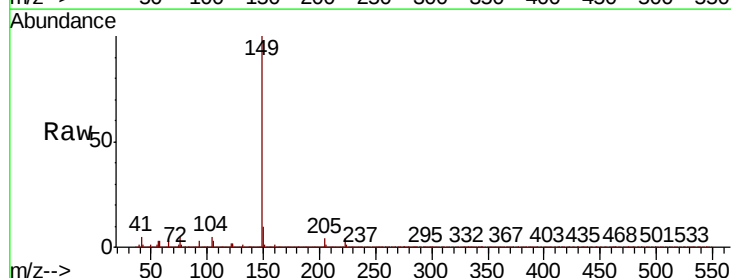
Instrument :
 BNA_P
 ClientSampleId :
 PB130646BS

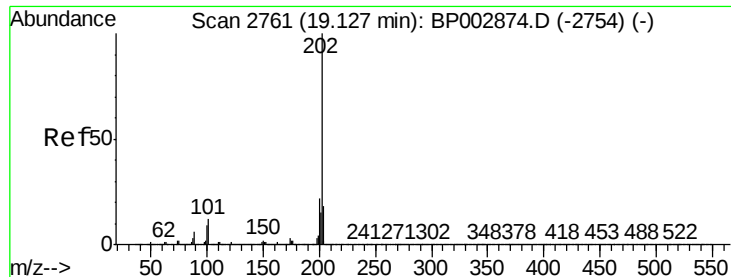
Tot Ion:167 Resp: 5448466
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 35.988 ng
 RT: 18.09 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BP002893.D
 Acq: 31 Jul 2020 14:42

Tgt Ion:149 Resp: 6328669
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.9 11.9
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 32.593 ng

RT: 19.13 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

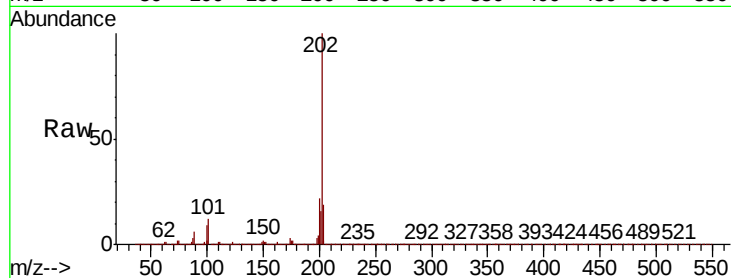
BNA_P

ClientSampleId :

PB130646BS

Tot Ion:202 Resp: 6577034

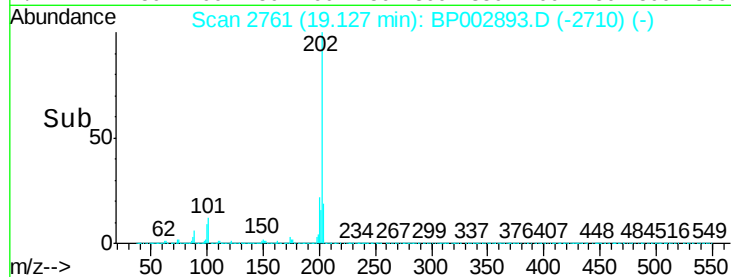
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.6
203	18.8	0.0	38.4



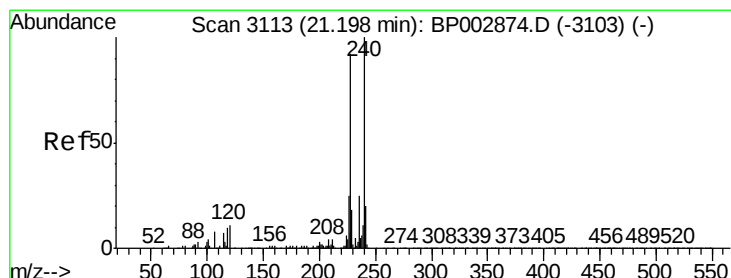
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3113

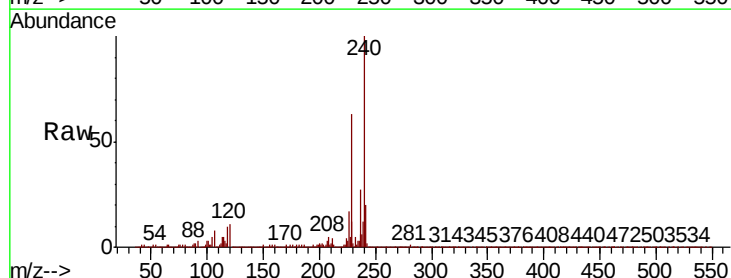
Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:240 Resp: 2240614

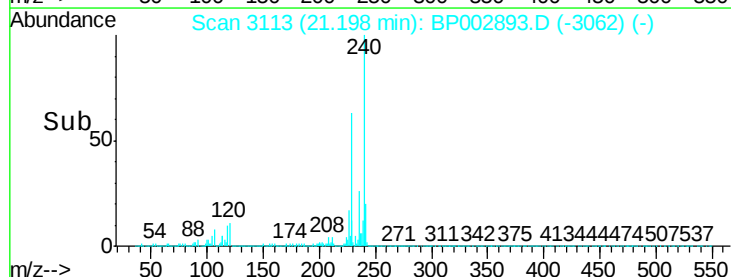
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.5	20.3	30.5



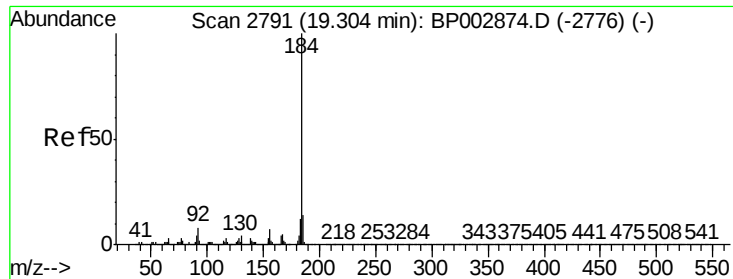
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 42.709 ng

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

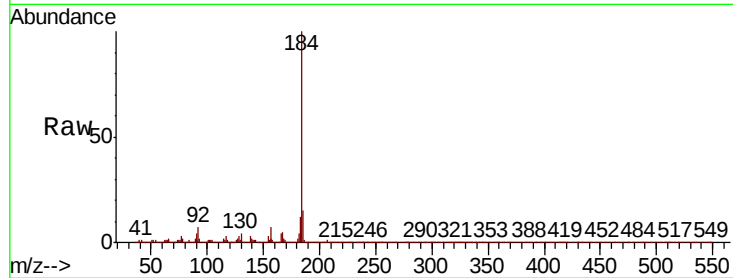
Tot Ion:184 Resp: 2918056

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.0
183	11.6	9.3	13.9

184 100

185 14.7 11.4 17.0

183 11.6 9.3 13.9

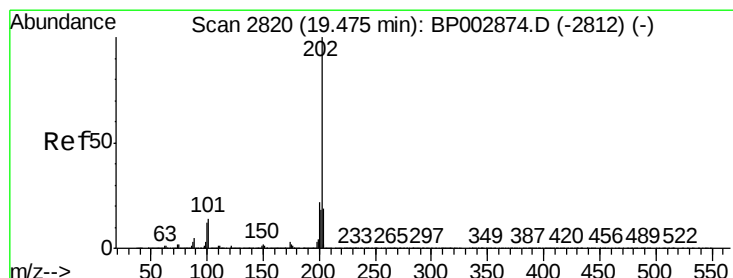
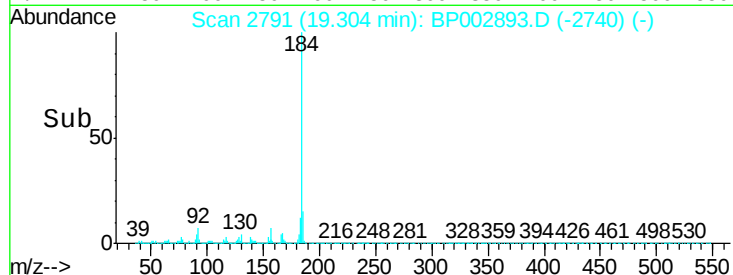
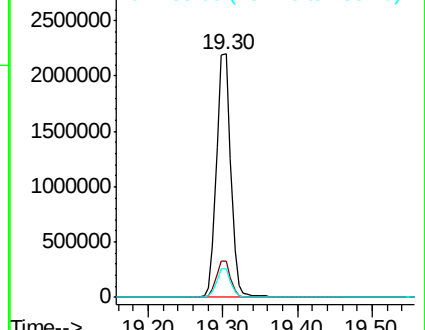


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.896 ng

RT: 19.47 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

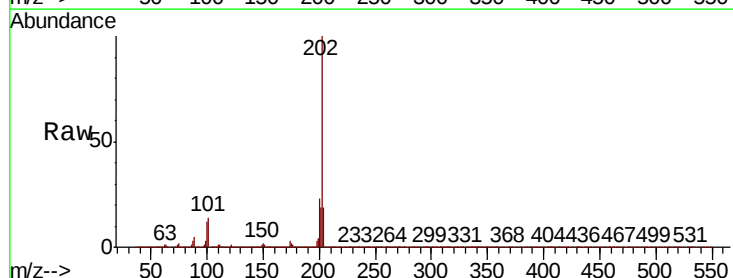
Tgt Ion:202 Resp: 6562368

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.9	26.9
203	18.9	15.1	22.7

202 100

200 22.6 17.9 26.9

203 18.9 15.1 22.7

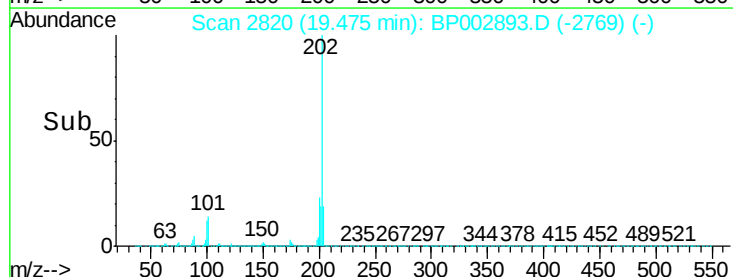
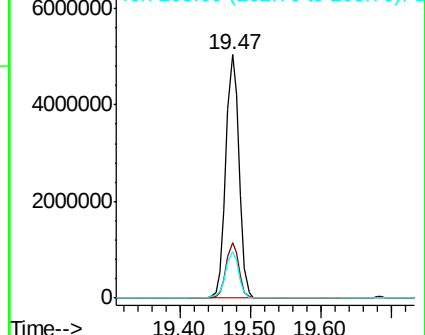


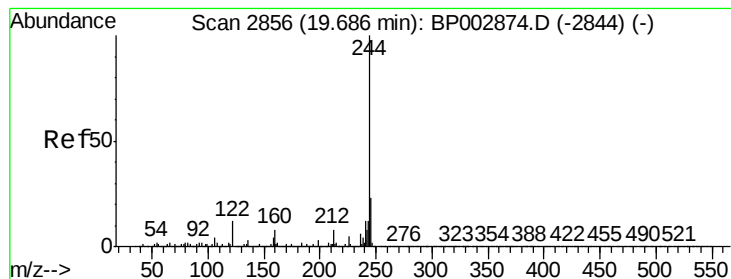
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.113 ng

RT: 19.69 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

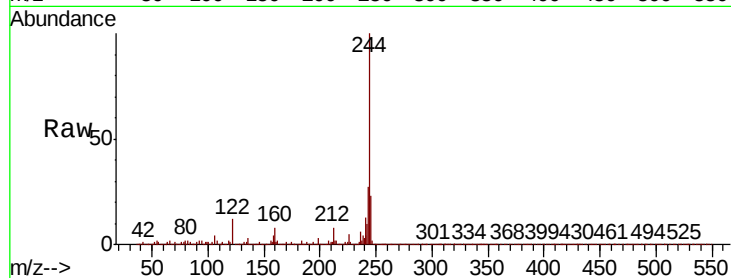
Tot Ion:244 Resp: 9861700

Ion Ratio Lower Upper

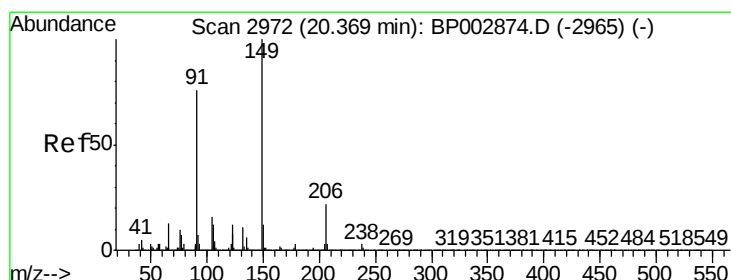
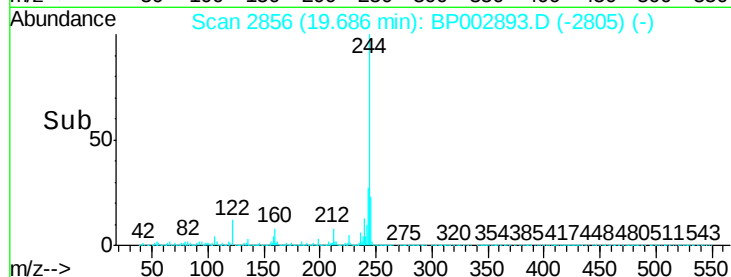
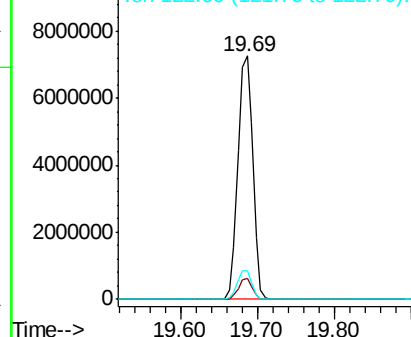
244 100

212 8.5 6.4 9.6

122 11.6 9.4 14.2



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: 38.233 ng

RT: 20.37 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

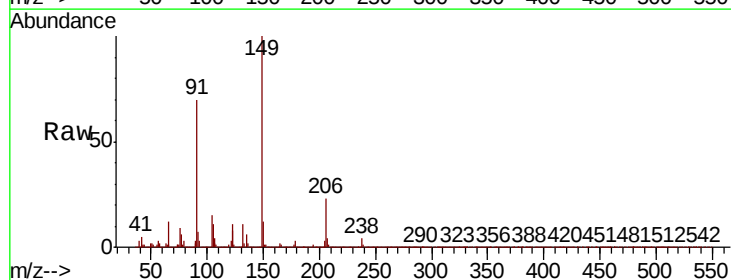
Tgt Ion:149 Resp: 2390359

Ion Ratio Lower Upper

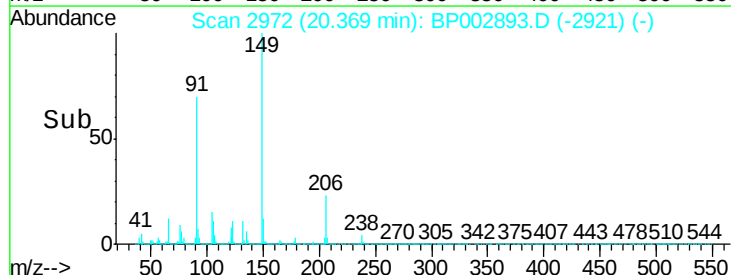
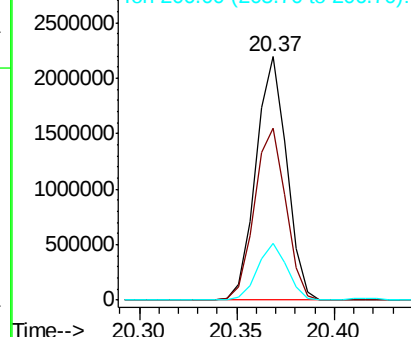
149 100

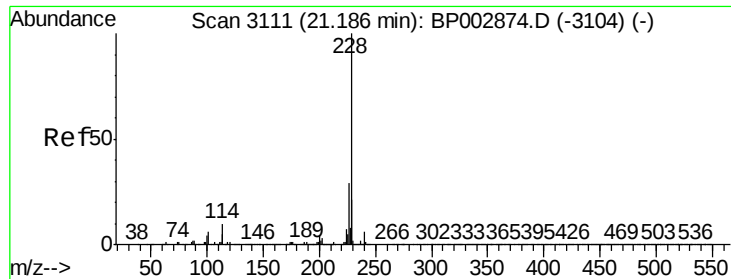
91 70.4 60.5 90.7

206 23.1 17.5 26.3



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

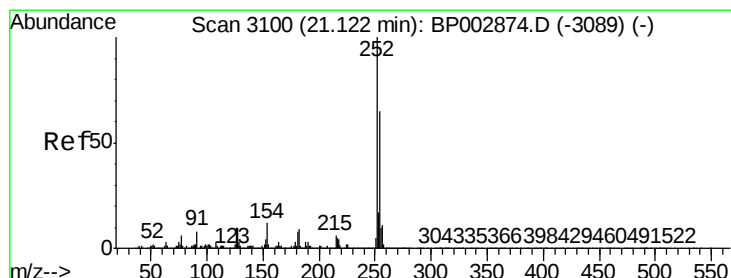
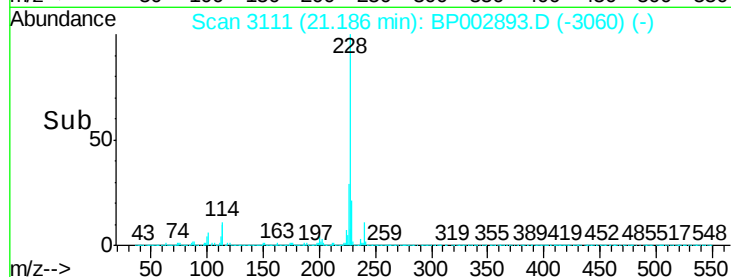
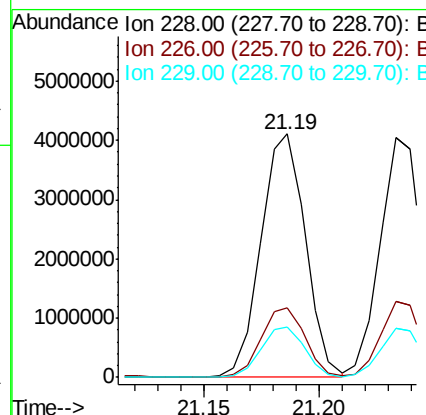
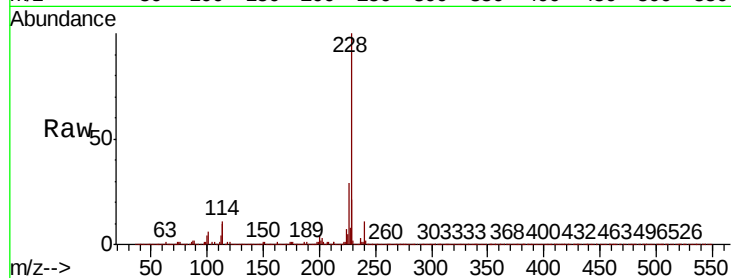




#81
Benzo(a)anthracene
Concen: 35.934 ng
RT: 21.19 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

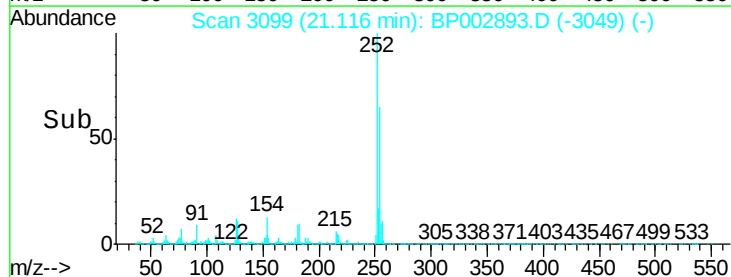
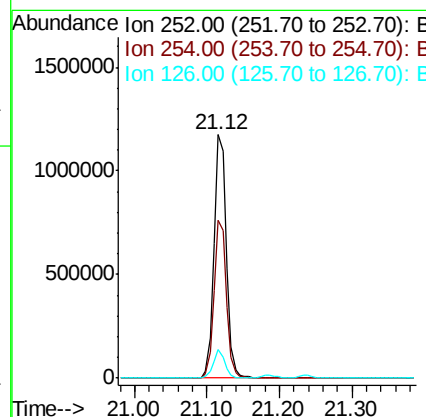
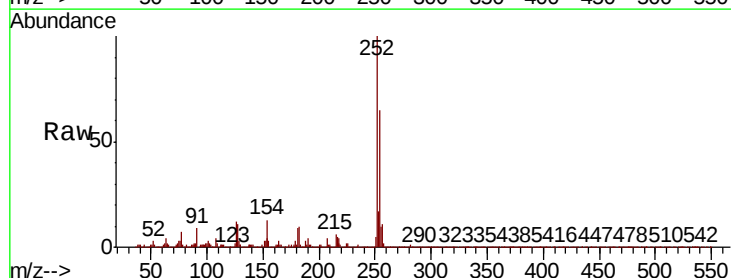
Instrument :
BNA_P
ClientSampleId :
PB130646BS

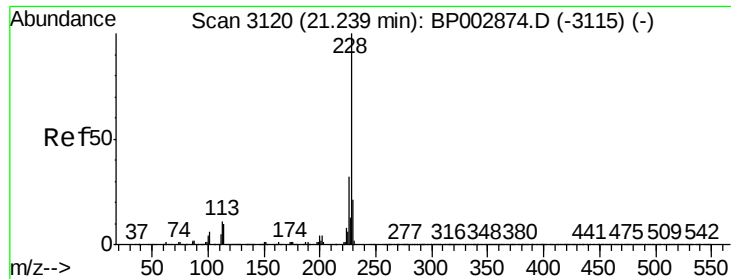
Tot Ion:228 Resp: 5484261
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 20.6 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 23.033 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:252 Resp: 1391396
Ion Ratio Lower Upper
252 100
254 64.7 52.0 78.0
126 11.5 7.9 11.9





#83

Chrysene

Concen: 35.207 ng

RT: 21.23 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

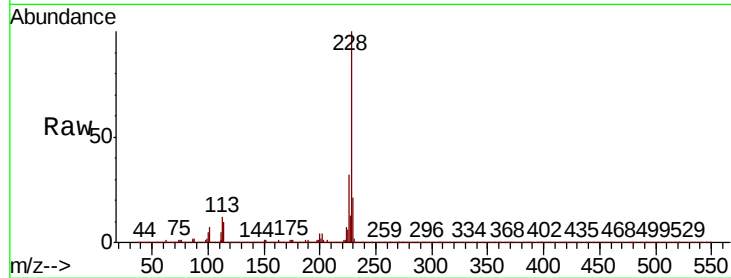
BNA_P

ClientSampled :

PB130646BS

Tot Ion:228 Resp: 5068717

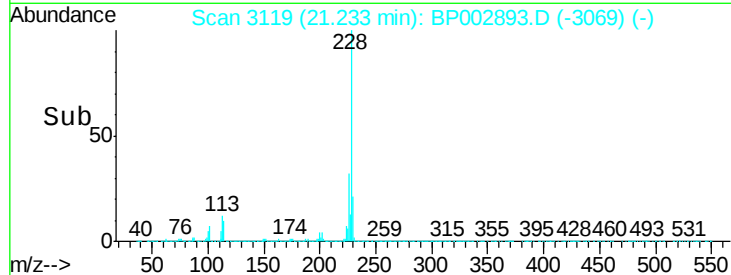
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.7	16.7	25.1



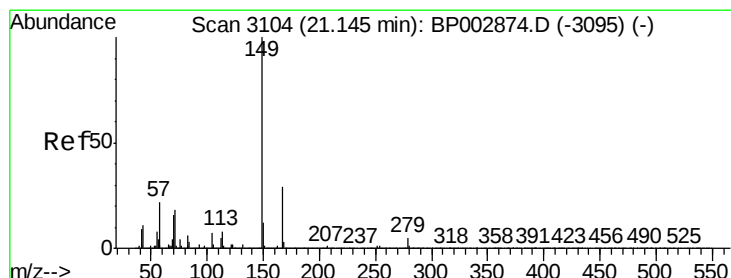
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.064 ng

RT: 21.14 min Scan# 3103

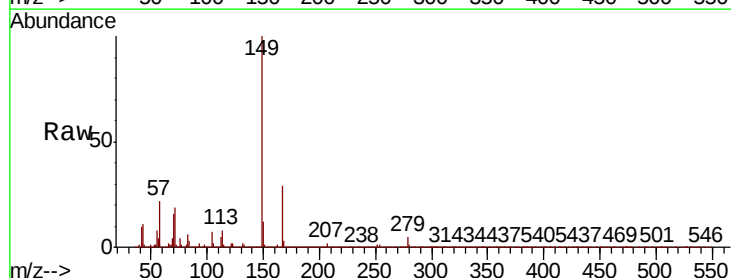
Delta R.T. -0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:149 Resp: 3299702

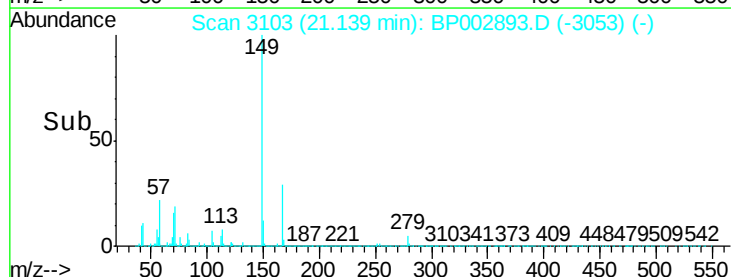
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.2
279	4.5	4.0	6.0



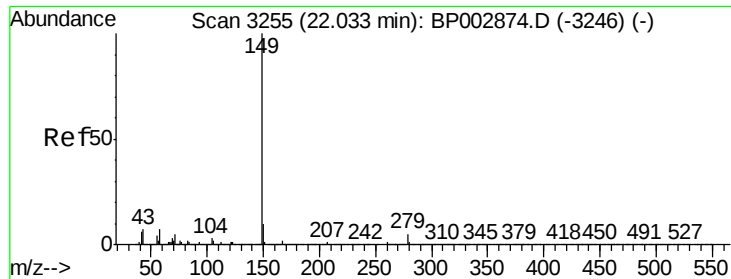
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 33.702 ng

RT: 22.03 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

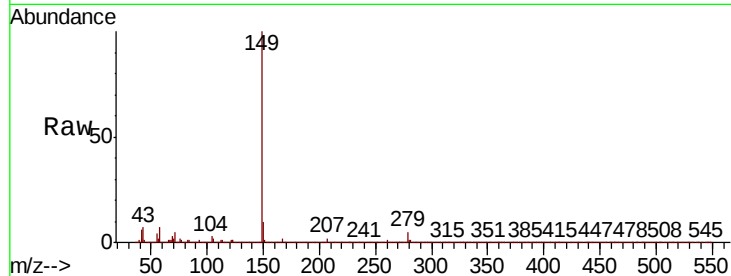
Tot Ion:149 Resp: 4799411

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

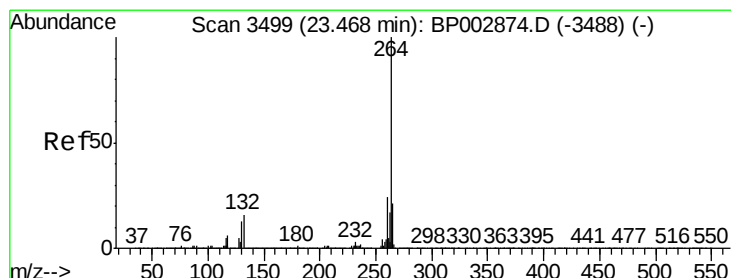
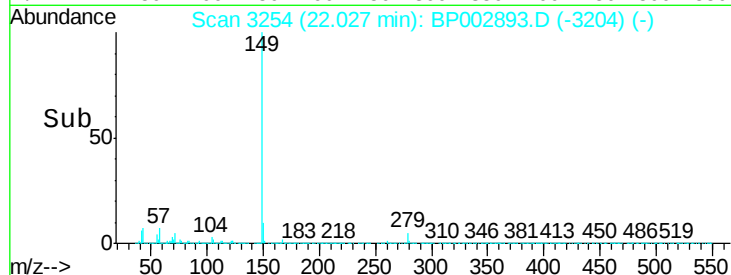
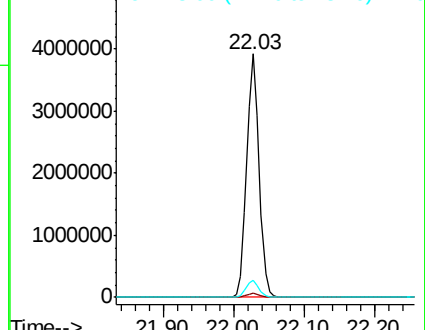
43 7.1 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

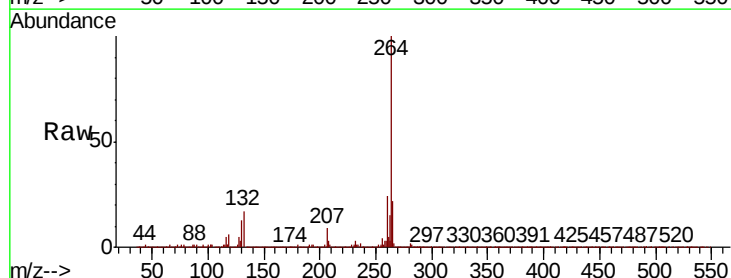
Tgt Ion:264 Resp: 1784866

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

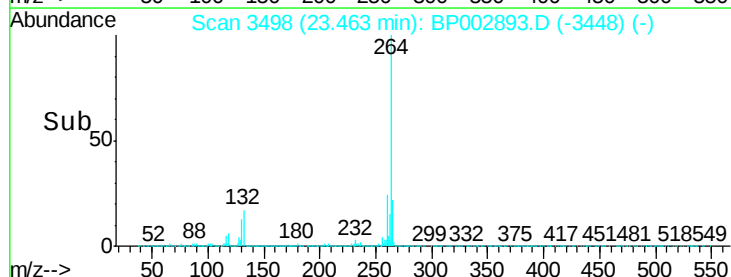
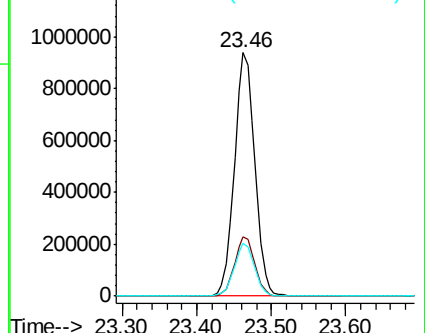
265 21.7 17.0 25.4

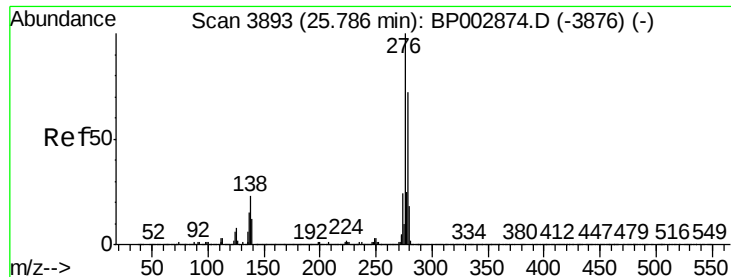


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.412 ng

RT: 25.78 min Scan# 3892

Delta R.T. -0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

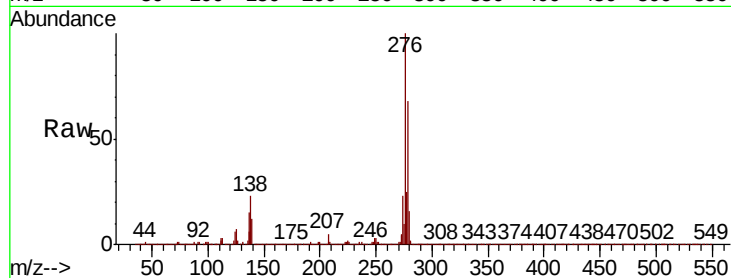
BNA_P

ClientSampleId :

PB130646BS

Tot Ion:276 Resp: 5204894

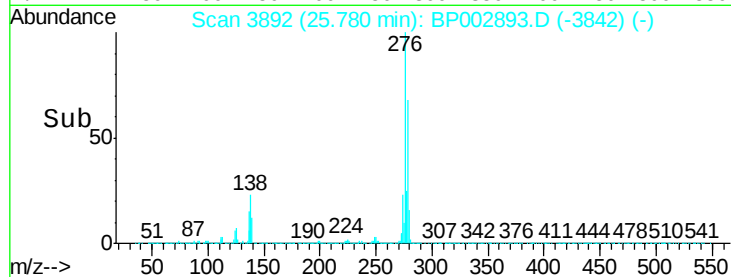
Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.3	28.9
277	25.4	20.4	30.6



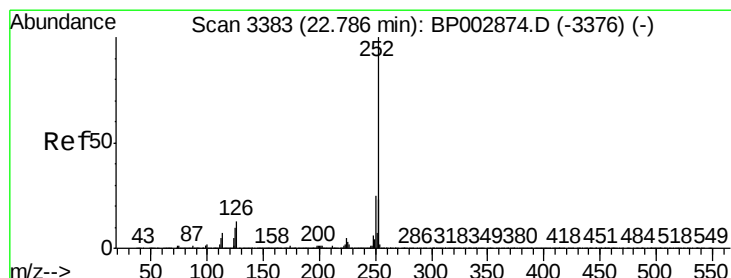
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 37.579 ng

RT: 22.79 min Scan# 3383

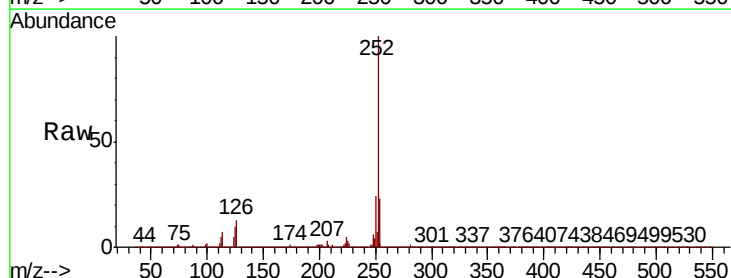
Delta R.T. -0.00 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Tgt Ion:252 Resp: 4733293

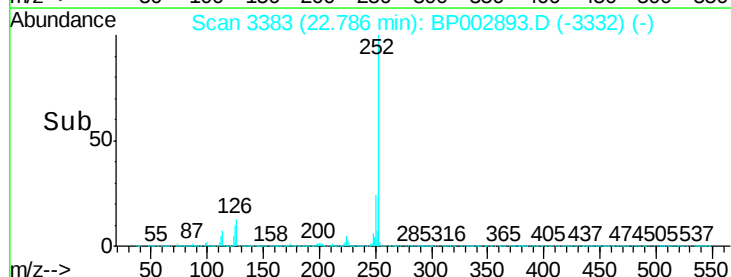
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	9.7	7.8	11.8



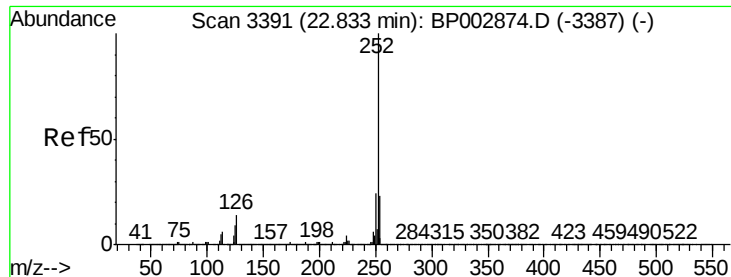
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



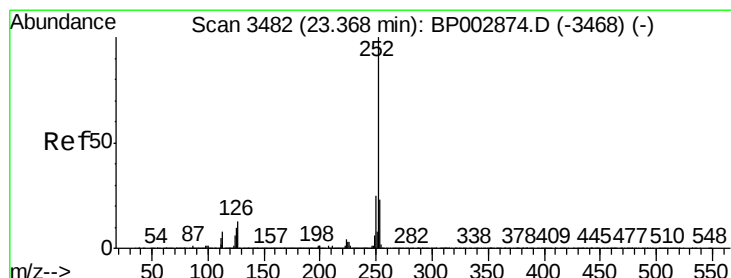
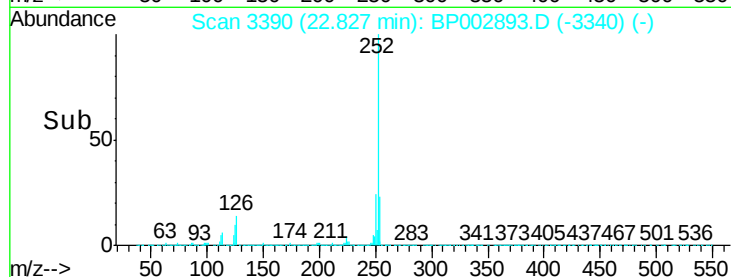
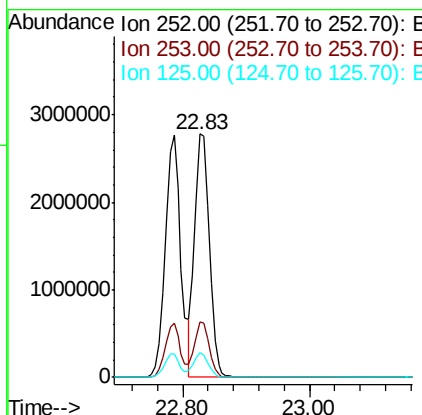
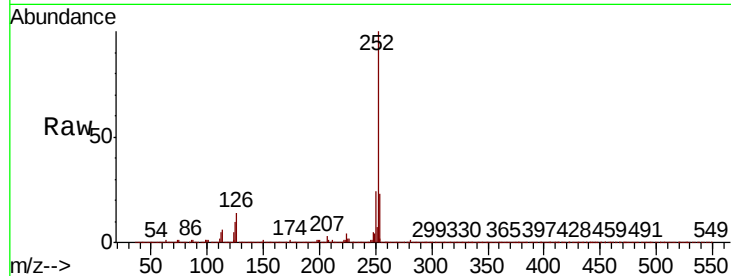
Time-->



#89
Benzo(k)fluoranthene
Concen: 36.983 ng
RT: 22.83 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

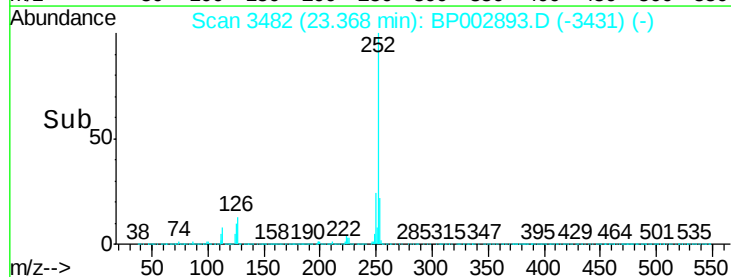
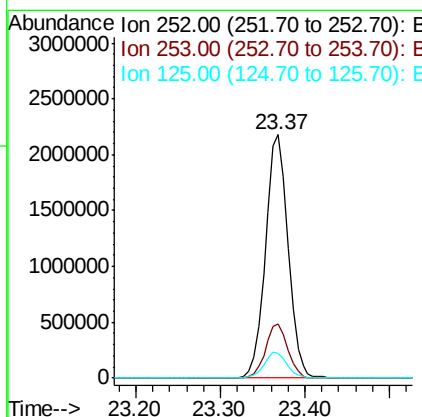
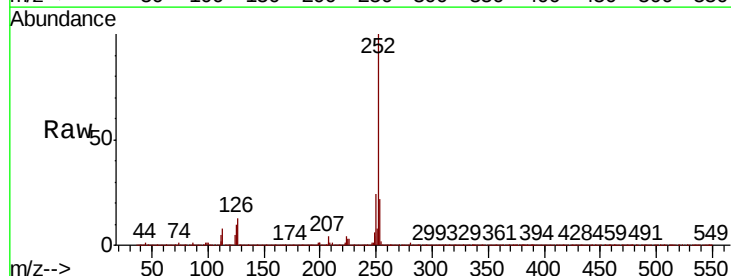
Instrument :
BNA_P
ClientSampleId :
PB130646BS

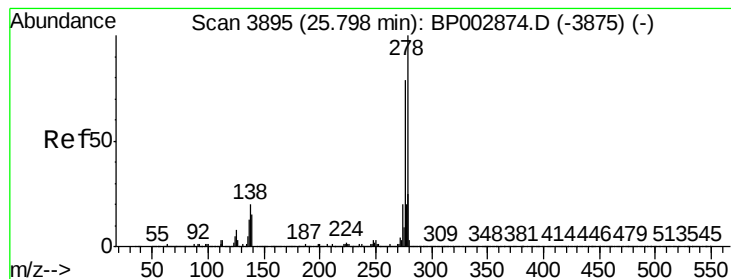
Tot Ion:252 Resp: 4402755
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 35.474 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP002893.D
Acq: 31 Jul 2020 14:42

Tgt Ion:252 Resp: 4037238
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 35.882 ng

RT: 25.79 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

Instrument :

BNA_P

ClientSampleId :

PB130646BS

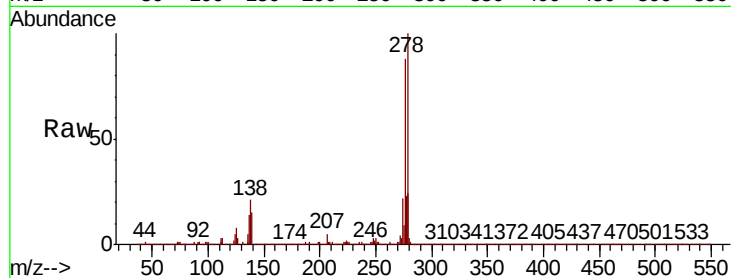
Tot Ion:278 Resp: 4365434

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.4	18.6
279	24.2	19.7	29.5

278 100

139 15.3 12.4 18.6

279 24.2 19.7 29.5

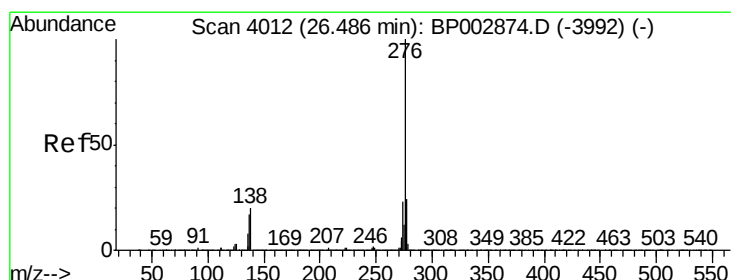
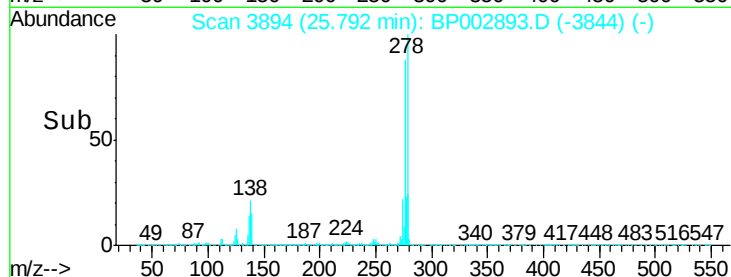
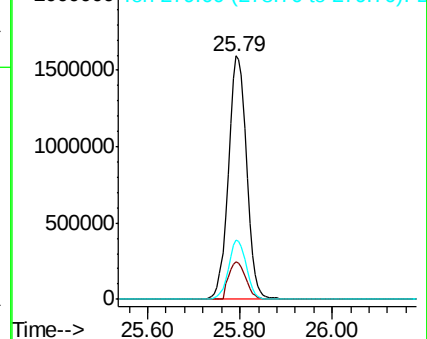


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.998 ng

RT: 26.48 min Scan# 4011

Delta R.T. -0.01 min

Lab File: BP002893.D

Acq: 31 Jul 2020 14:42

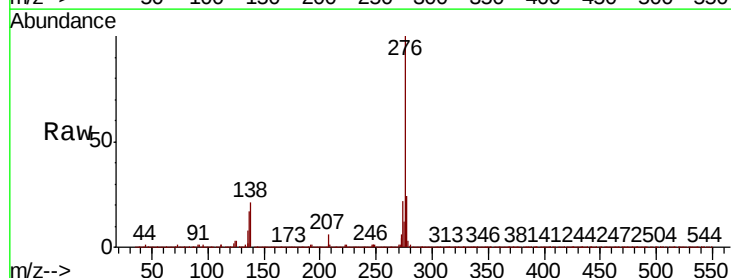
Tgt Ion:276 Resp: 4352609

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.5	16.2	24.2

276 100

277 23.8 19.3 28.9

138 20.5 16.2 24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

