

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002621.D
 Acq On : 02 Jul 2020 09:31
 Operator : CG/JU
 Sample : PB129912BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129912BS

Quant Time: Jul 02 10:43:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	200738	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	763722	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	426515	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	841547	20.00	ng	0.00
76) Chrysene-d12	21.10	240	736923	20.00	ng	0.00
86) Perylene-d12	23.30	264	814377	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1559676	131.55	ng	0.00
7) Phenol-d6	6.78	99	1971723	119.15	ng	0.00
23) Nitrobenzene-d5	8.72	82	1237536	83.49	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	552488	106.50	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2394245	82.62	ng	0.00
79) Terphenyl-d14	19.57	244	2995394	87.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	204358	40.216	ng	97
3) Pyridine	3.52	79	584576	38.815	ng	99
4) n-Nitrosodimethylamine	3.45	42	265059	41.461	ng	85
6) Aniline	6.91	93	829596	39.906	ng	98
8) 2-Chlorophenol	7.15	128	585203	44.434	ng	96
9) Benzaldehyde	6.72	77	235317	25.016	ng	98
10) Phenol	6.80	94	756591	45.338	ng	95
11) bis(2-Chloroethyl)ether	7.01	93	590189	43.090	ng	98
12) 1,3-Dichlorobenzene	7.46	146	630355	41.478	ng	99
13) 1,4-Dichlorobenzene	7.61	146	644530	41.629	ng	98
14) 1,2-Dichlorobenzene	7.92	146	597130	40.067	ng	98
15) Benzyl Alcohol	7.82	79	492704	39.624	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.11	45	816062	42.764	ng	99
17) 2-Methylphenol	8.03	107	481884	38.579	ng	98
18) Hexachloroethane	8.64	117	233951	41.867	ng	97
19) n-Nitroso-di-n-propylamine	8.38	70	425796	39.217	ng	99
20) 3+4-Methylphenols	8.36	107	648637	38.517	ng	96
22) Acetophenone	8.39	105	805251	41.657	ng	# 97
24) Nitrobenzene	8.76	77	654584	41.723	ng	99
25) Isophorone	9.29	82	1184361	39.867	ng	98
26) 2-Nitrophenol	9.47	139	310066	43.334	ng	96
27) 2,4-Dimethylphenol	9.55	122	496188	45.765	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	751028	44.010	ng	99
29) 2,4-Dichlorophenol	10.01	162	525338	42.042	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	565111	40.171	ng	99
31) Naphthalene	10.40	128	1665283	41.190	ng	99
32) Benzoic acid	9.71	122	206811	28.584	ng	100
33) 4-Chloroaniline	10.51	127	486471	27.508	ng	98
34) Hexachlorobutadiene	10.69	225	329753	38.297	ng	96
35) Caprolactam	11.28	113	162271	38.633	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	543546	39.688	ng	99
37) 2-Methylnaphthalene	12.02	142	1186142	40.238	ng	99
38) 1-Methylnaphthalene	12.25	142	1090134	39.266	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	578087	43.407	ng	99

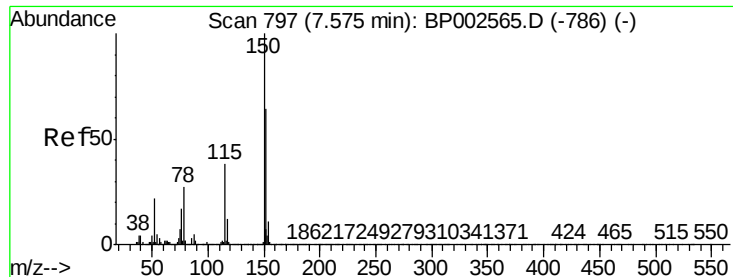
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
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 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	623526	89.157	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	392524	43.559	ng	96
44) 2,4,5-Trichlorophenol	12.73	196	411878	39.705	ng	96
46) 1,1'-Biphenyl	13.05	154	1381379	42.816	ng	98
47) 2-Chloronaphthalene	13.09	162	1110047	42.267	ng	96
48) 2-Nitroaniline	13.30	65	350113	41.788	ng	95
49) Acenaphthylene	13.95	152	1730116	41.859	ng	100
50) Dimethylphthalate	13.69	163	1319704	39.395	ng	99
51) 2,6-Dinitrotoluene	13.81	165	296461	40.976	ng	95
52) Acenaphthene	14.29	154	1023195	41.958	ng	99
53) 3-Nitroaniline	14.13	138	238096	30.224	ng	99
54) 2,4-Dinitrophenol	14.36	184	313145	70.226	ng	90
55) Dibenzofuran	14.63	168	1613722	40.834	ng	98
56) 4-Nitrophenol	14.47	139	455683	73.480	ng	94
57) 2,4-Dinitrotoluene	14.60	165	393146	40.395	ng	99
58) Fluorene	15.29	166	1205067	40.039	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	351321	41.924	ng	97
60) Diethylphthalate	15.07	149	1266794	38.029	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	615536	38.136	ng	95
62) 4-Nitroaniline	15.31	138	301173	38.251	ng	91
63) Azobenzene	15.58	77	1349251	41.890	ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	223221	41.595	ng	96
66) n-Nitrosodiphenylamine	15.50	169	1100081	44.779	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	390410	41.283	ng	96
68) Hexachlorobenzene	16.30	284	426930	42.140	ng	97
69) Atrazine	16.47	200	346640	43.974	ng	99
70) Pentachlorophenol	16.65	266	453146	78.322	ng	98
71) Phenanthrene	17.03	178	1923235	42.476	ng	100
72) Anthracene	17.12	178	1981337	43.974	ng	99
73) Carbazole	17.40	167	1801162	41.363	ng	99
74) Di-n-butylphthalate	17.97	149	2099772	40.945	ng	99
75) Fluoranthene	19.02	202	2251433	41.079	ng	98
77) Benzidine	19.20	184	1275129	Below Cal		100
78) Pyrene	19.37	202	2234857	44.555	ng	100
80) Butylbenzylphthalate	20.26	149	932831	42.598	ng	98
81) Benzo(a)anthracene	21.08	228	2038984	42.322	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	663411	37.612	ng	97
83) Chrysene	21.13	228	1919144	41.542	ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1306956	41.563	ng	98
85) Di-n-octyl phthalate	21.90	149	2326981	41.898	ng	99
87) Indeno(1,2,3-cd)pyrene	25.53	276	2788052	47.548	ng	98
88) Benzo(b)fluoranthene	22.64	252	2173805	41.832	ng	99
89) Benzo(k)fluoranthene	22.69	252	2096008	43.236	ng	98
90) Benzo(a)pyrene	23.20	252	2063161	43.265	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2289321	47.780	ng	97
92) Benzo(g,h,i)perylene	26.20	276	2310440	48.215	ng	99

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

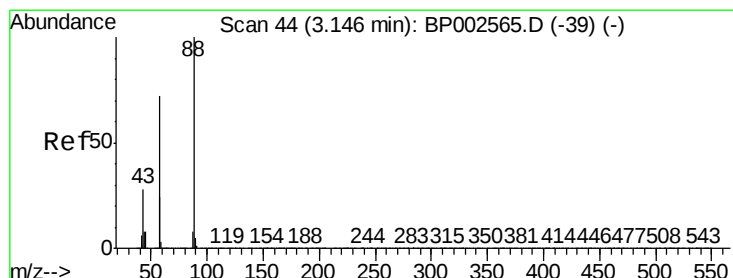
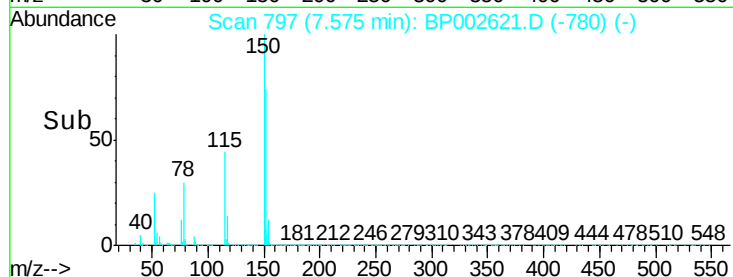
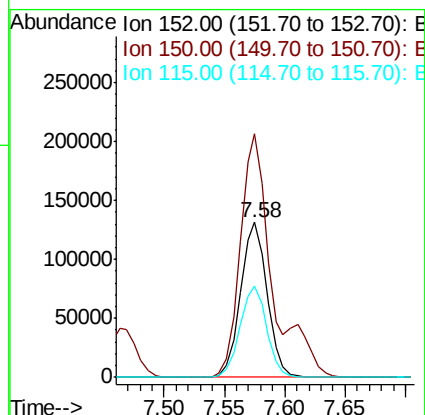
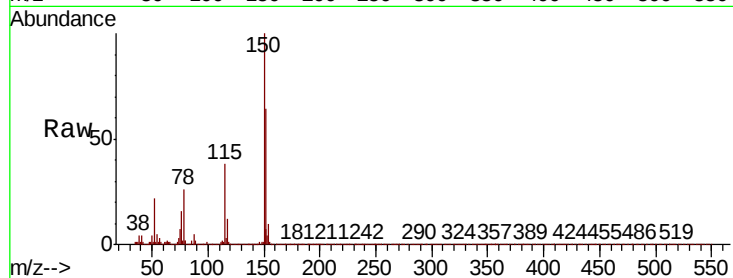


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB129912BS

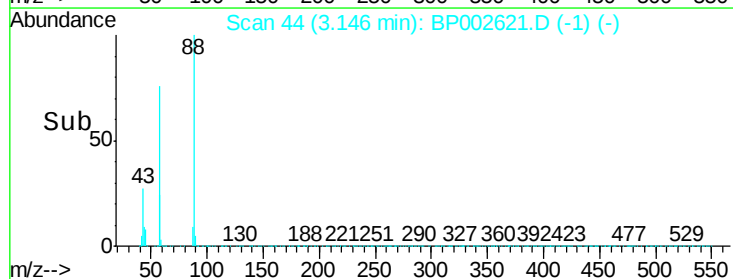
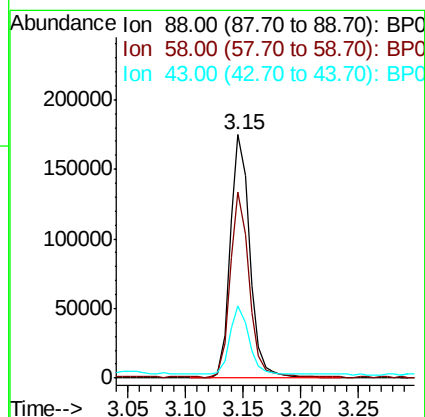
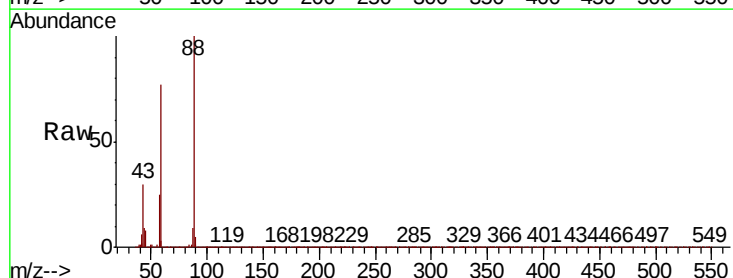
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	59.0	47.1	70.7

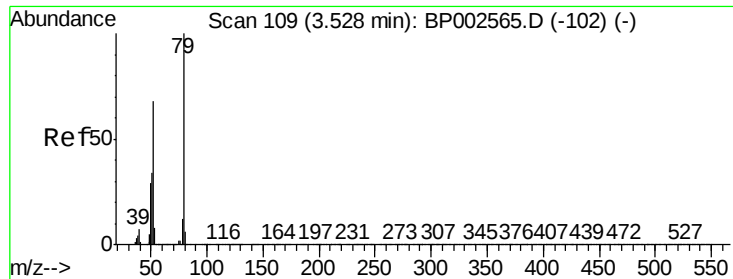


#2

1,4-Dioxane
Concen: 40.216 ng
RT: 3.15 min Scan# 44
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	58.1	87.1
43	26.6	23.2	34.8

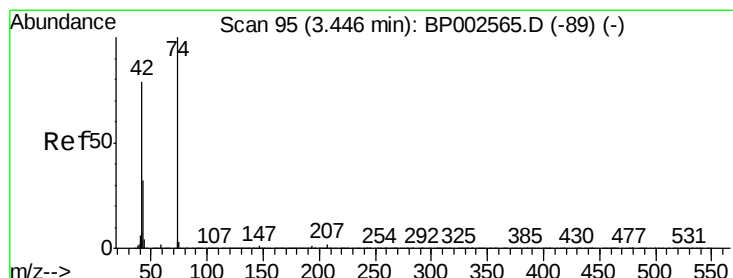
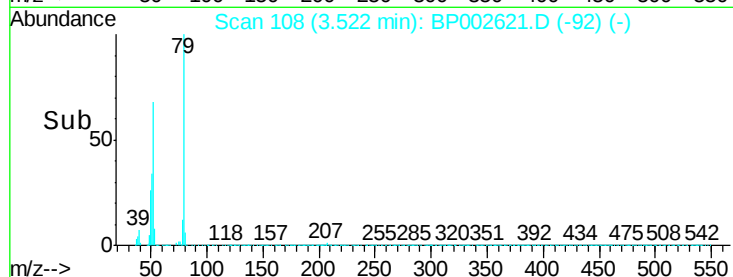
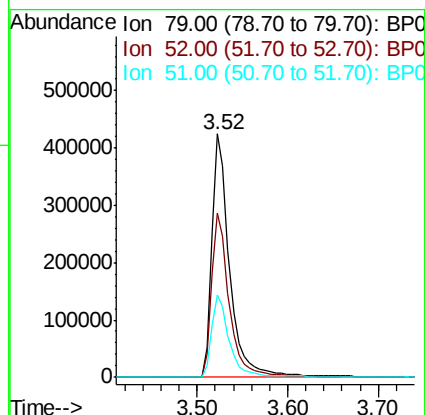
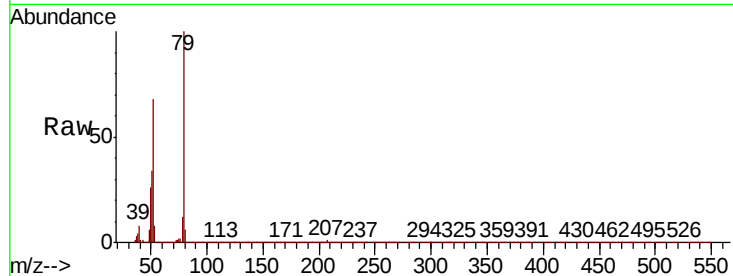




#3
 Pvridine
 Concen: 38.815 ng
 RT: 3.52 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BP002621.D
 Acq: 02 Jul 2020 09:31

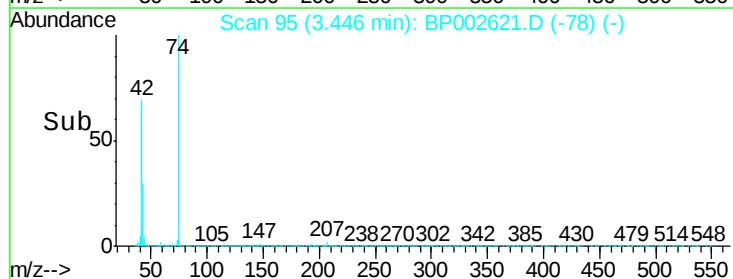
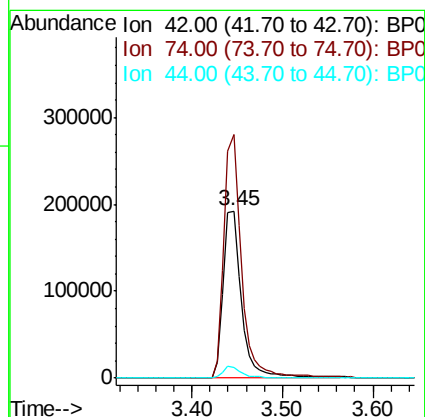
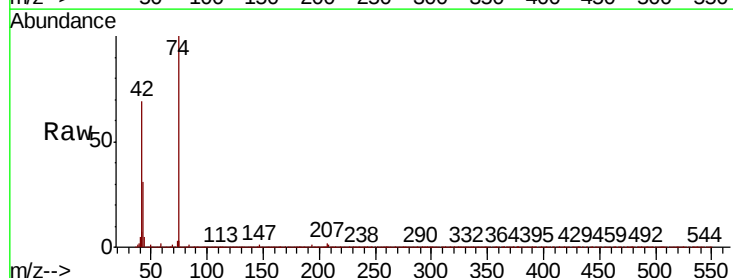
Instrument :
 BNA_P
 ClientSampled :
 PB129912BS

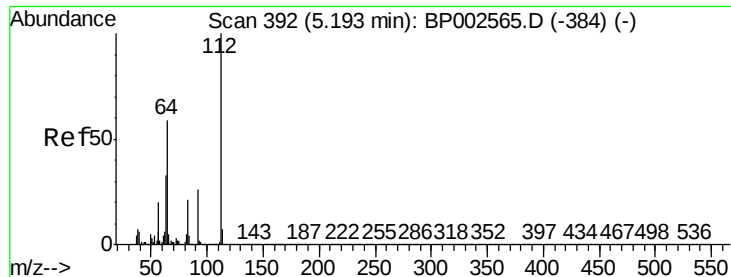
Tot Ion: 79 Resp: 584576
 Ion Ratio Lower Upper
 79 100
 52 67.7 54.5 81.7
 51 34.1 27.8 41.6



#4
 n-Nitrosodimethylamine
 Concen: 41.461 ng
 RT: 3.45 min Scan# 95
 Delta R.T. -0.00 min
 Lab File: BP002621.D
 Acq: 02 Jul 2020 09:31

Tgt Ion: 42 Resp: 265059
 Ion Ratio Lower Upper
 42 100
 74 145.4 101.7 152.5
 44 6.7 4.9 7.3





#5

2-Fluorophenol

Concen: 131.550 ng

RT: 5.20 min Scan# 393

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

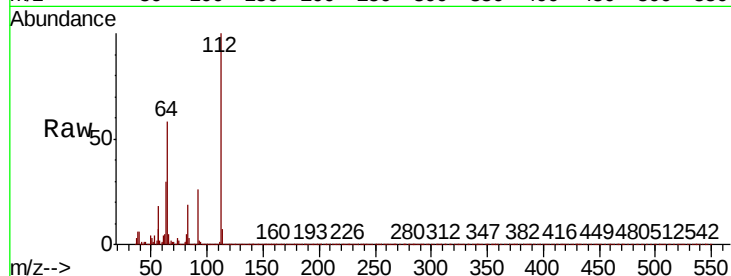
Tot Ion:112 Resp: 1559676

Ion Ratio Lower Upper

112 100

64 58.0 47.0 70.6

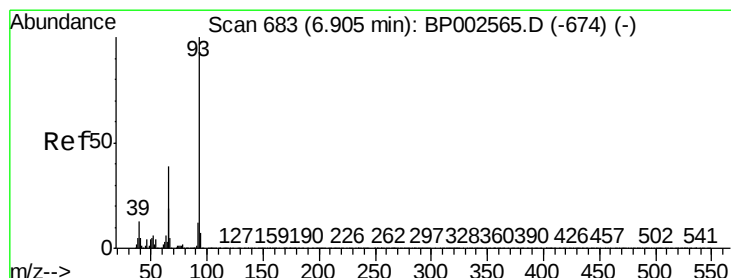
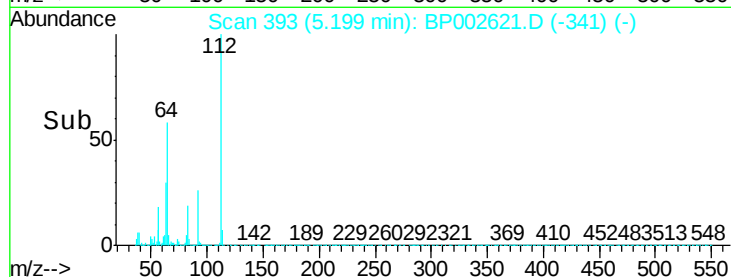
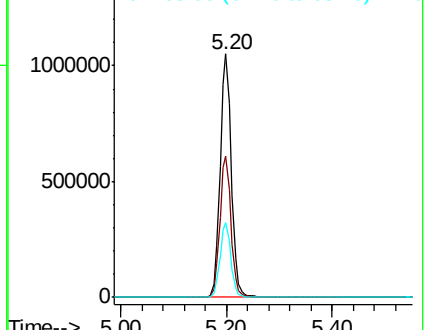
63 30.5 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 39.906 ng

RT: 6.91 min Scan# 684

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

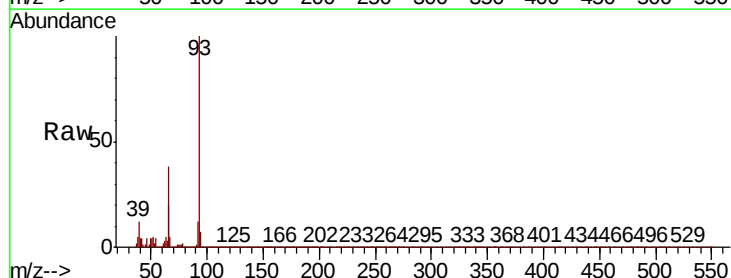
Tgt Ion: 93 Resp: 829596

Ion Ratio Lower Upper

93 100

66 37.9 31.6 47.4

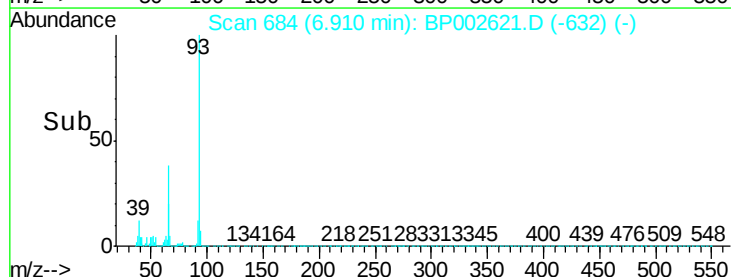
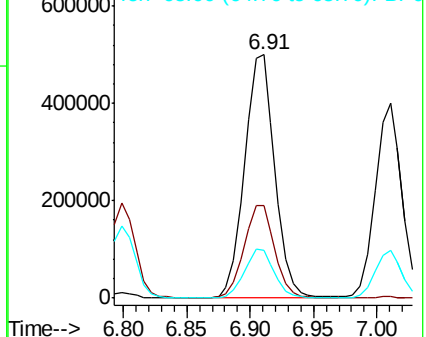
65 19.6 15.7 23.5

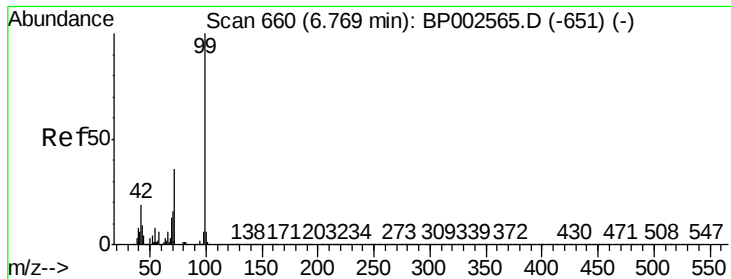


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 119.151 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

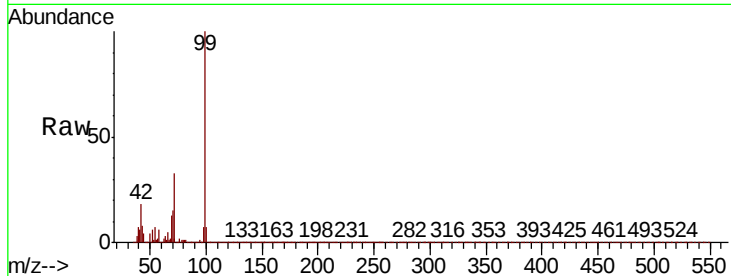
Tot Ion: 99 Resp: 1971723

Ion Ratio Lower Upper

99 100

42 17.6 15.5 23.3

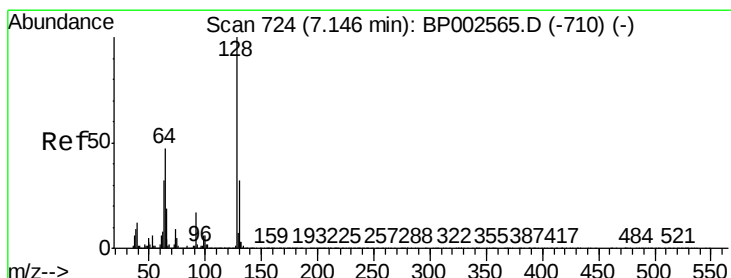
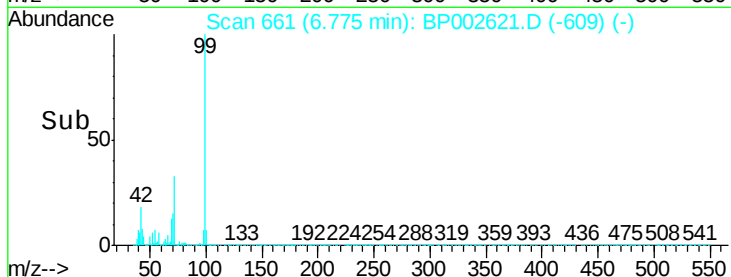
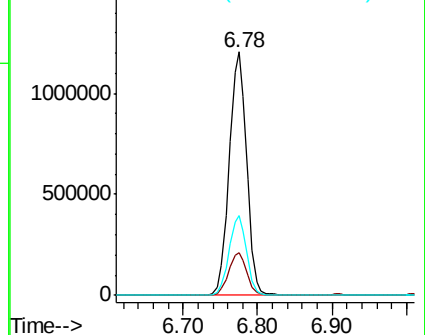
71 32.8 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.434 ng

RT: 7.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

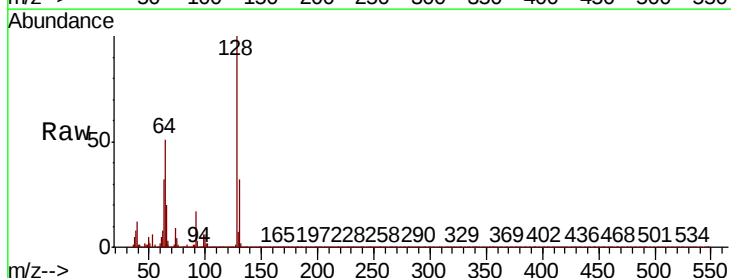
Tgt Ion: 128 Resp: 585203

Ion Ratio Lower Upper

128 100

130 32.4 11.8 51.8

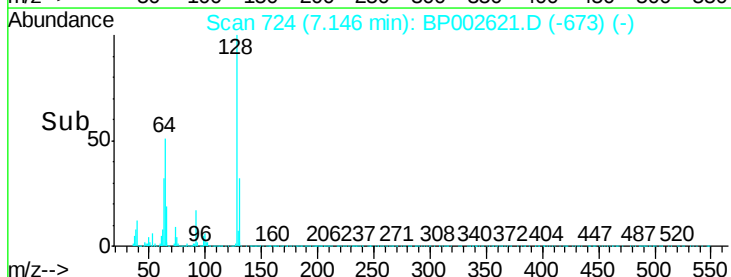
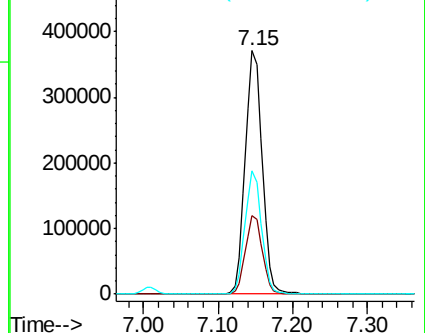
64 50.5 26.9 66.9

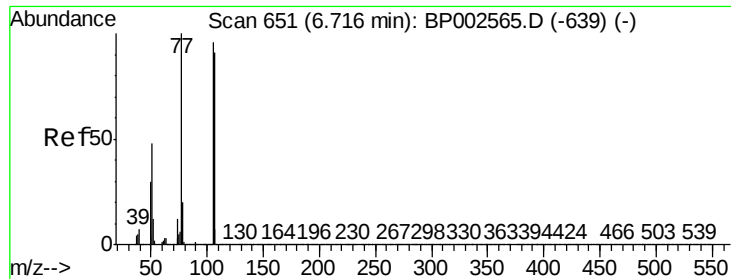


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 25.016 ng

RT: 6.72 min Scan# 652

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

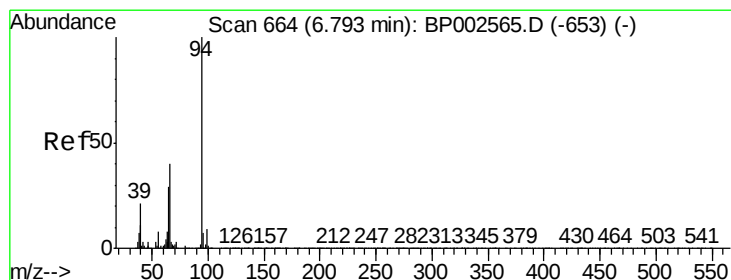
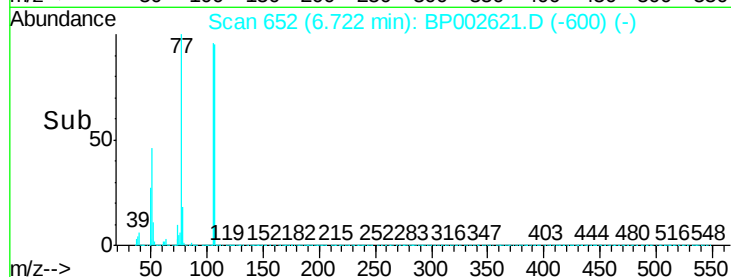
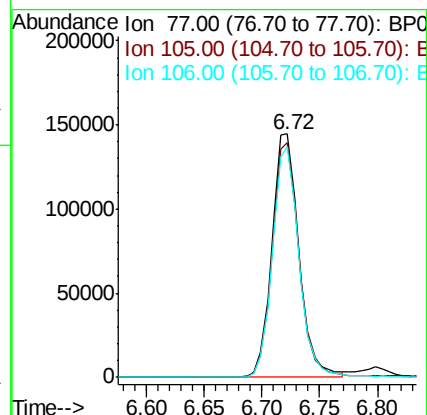
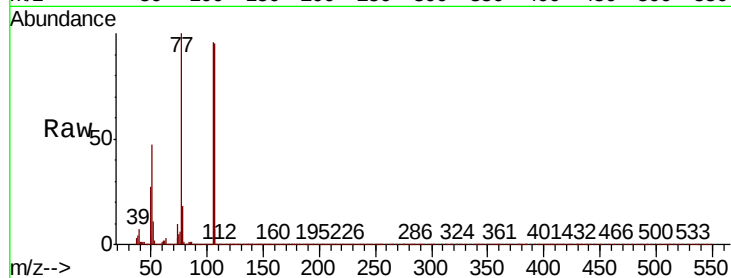
Tot Ion: 77 Resp: 235317

Ion Ratio Lower Upper

77 100

105 96.3 76.5 116.5

106 95.0 70.9 110.9



#10

Phenol

Concen: 45.338 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

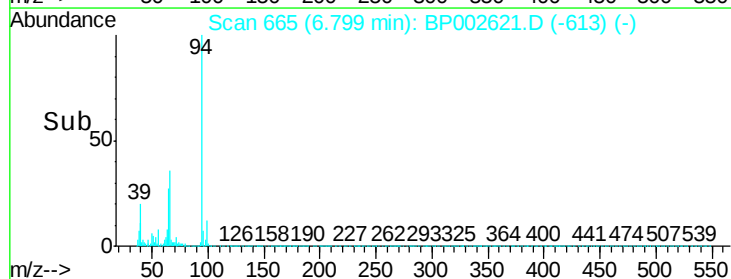
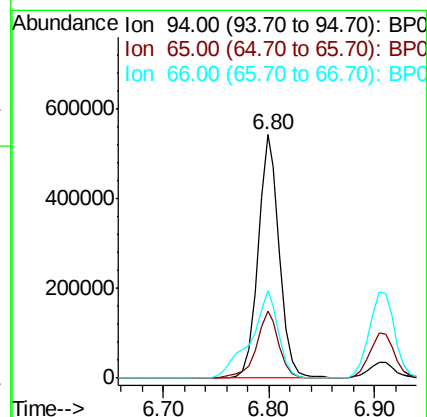
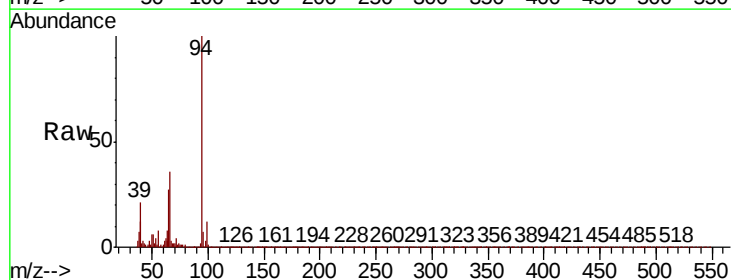
Tgt Ion: 94 Resp: 756591

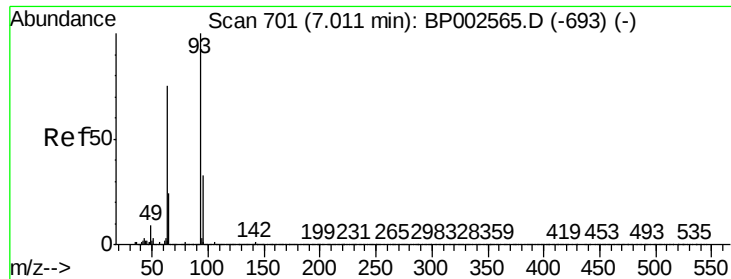
Ion Ratio Lower Upper

94 100

65 27.3 8.8 48.8

66 35.8 19.9 59.9

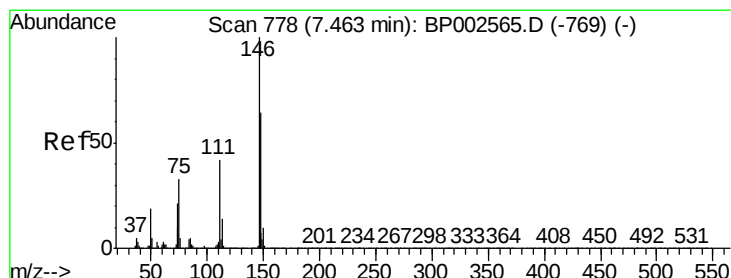
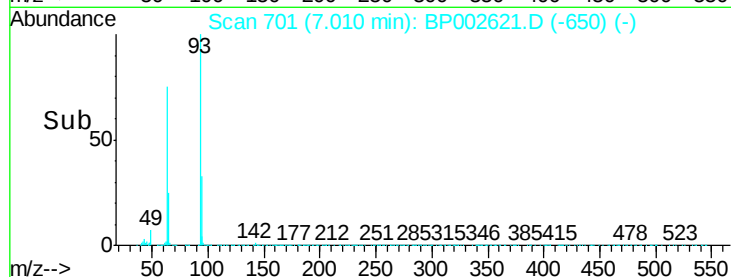
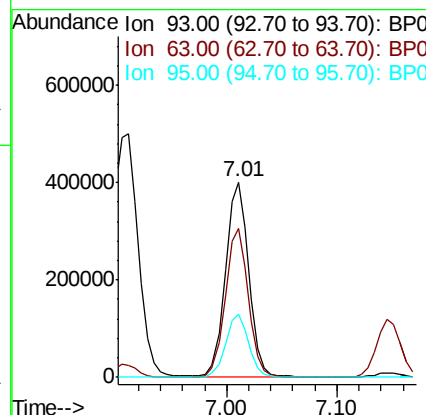
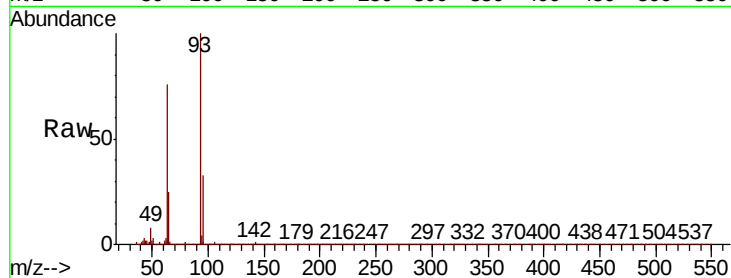




#11
bis(2-Chloroethyl)ether
Concen: 43.090 ng
RT: 7.01 min Scan# 701
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

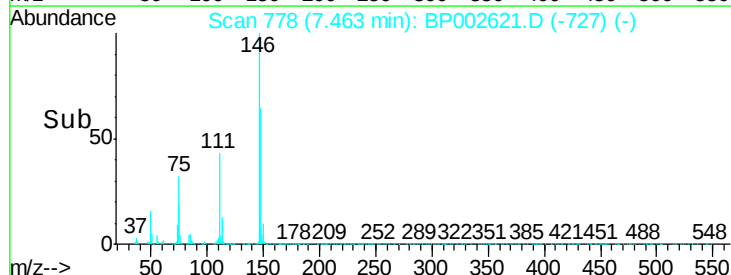
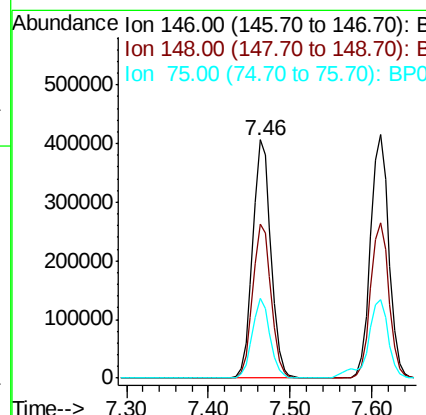
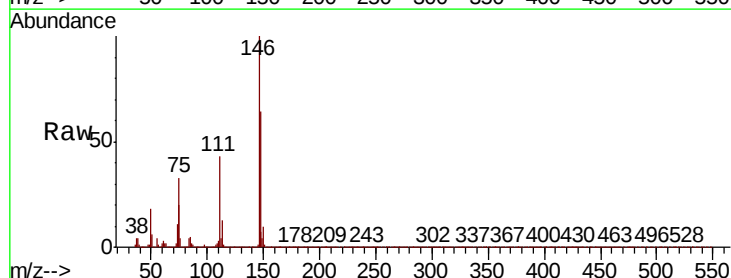
Instrument :
BNA_P
ClientSampleId :
PB129912BS

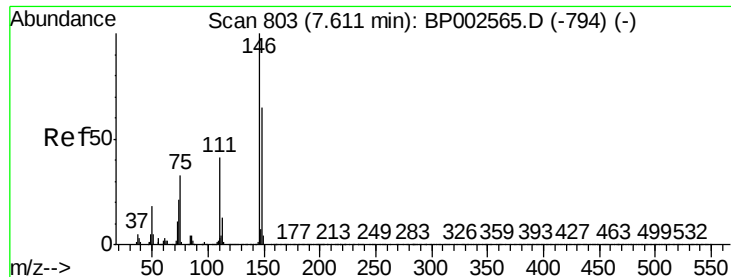
Tot Ion	93	Resp	590189
Ion Ratio	Lower	Upper	
93	100		
63	76.1	54.5	94.5
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 41.478 ng
RT: 7.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion	146	Resp	630355
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.3	76.9
75	33.4	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 41.629 ng

RT: 7.61 min Scan# 803

Delta R.T. -0.00 min

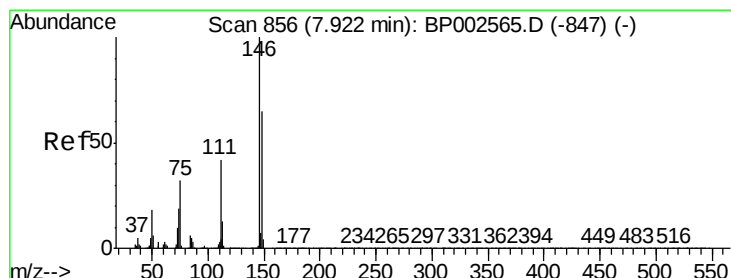
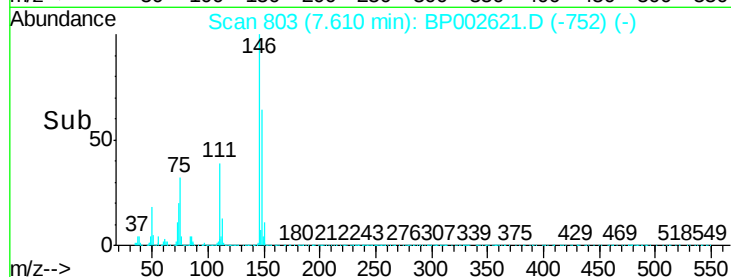
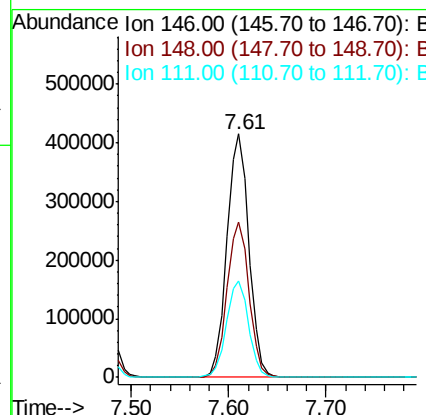
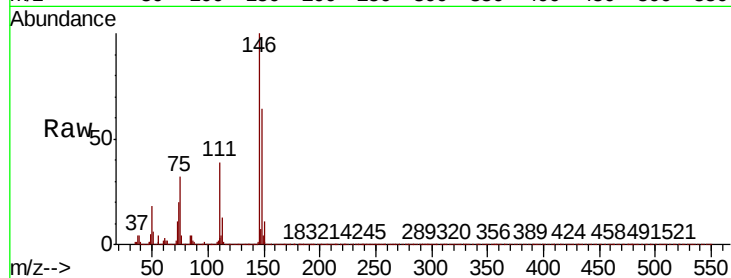
Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB129912BS

Tot Ion:146 Resp: 644530

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	39.4	32.8	49.2



#14

1,2-Dichlorobenzene

Concen: 40.067 ng

RT: 7.92 min Scan# 856

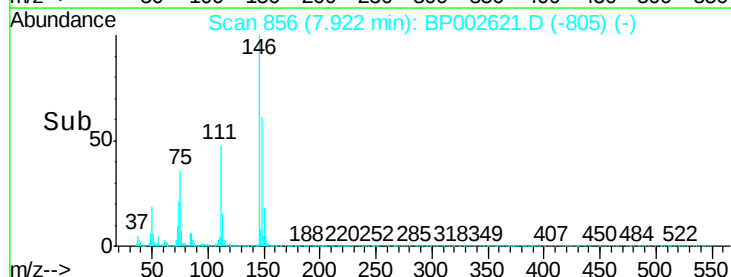
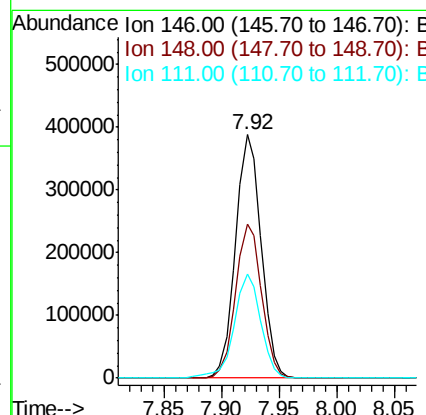
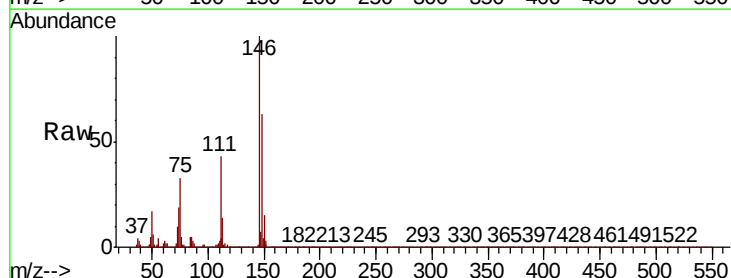
Delta R.T. -0.00 min

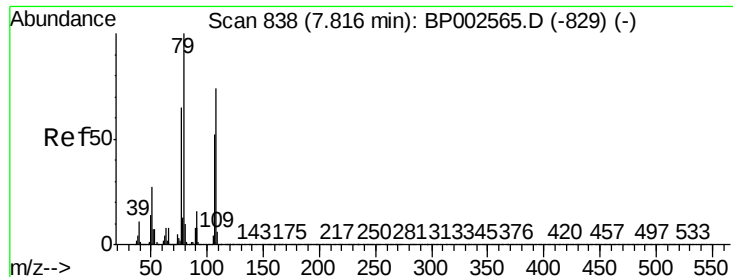
Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:146 Resp: 597130

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	43.0	34.1	51.1





#15

Benzyl Alcohol

Concen: 39.624 ng

RT: 7.82 min Scan# 838

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

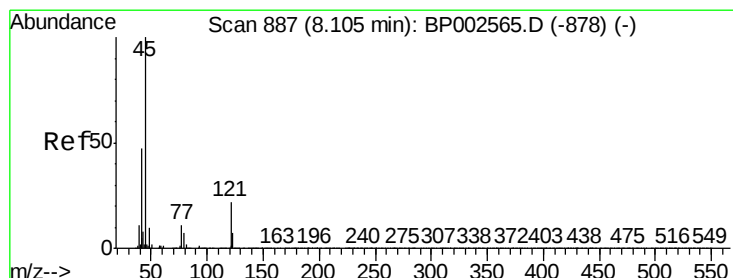
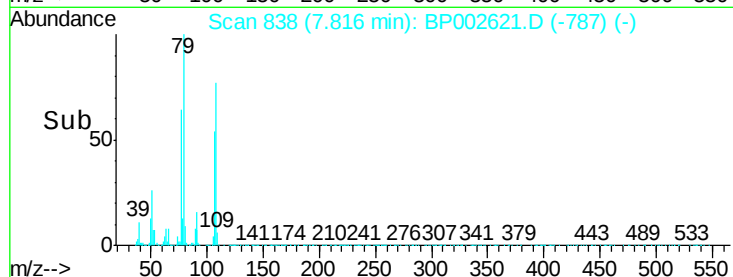
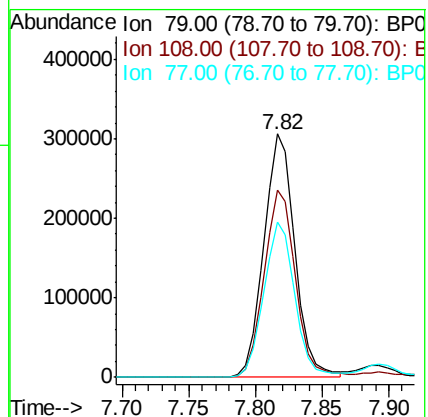
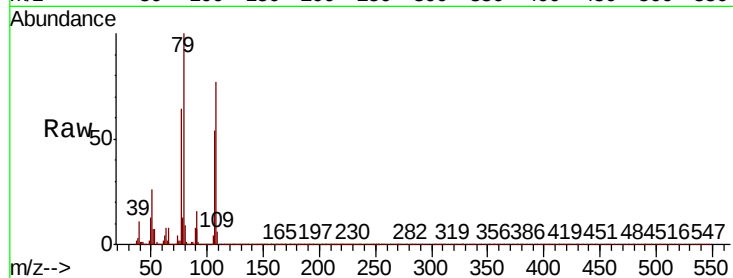
Tot Ion: 79 Resp: 492704

Ion Ratio Lower Upper

79 100

108 76.9 59.4 89.2

77 63.8 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.764 ng

RT: 8.11 min Scan# 888

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

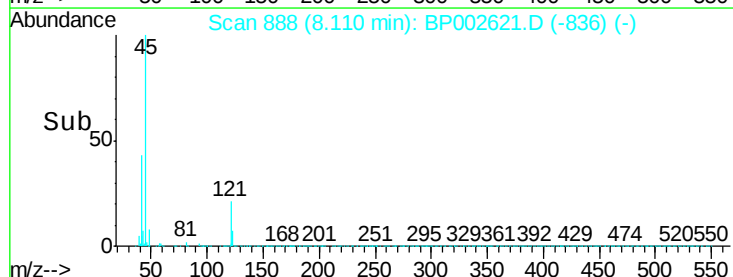
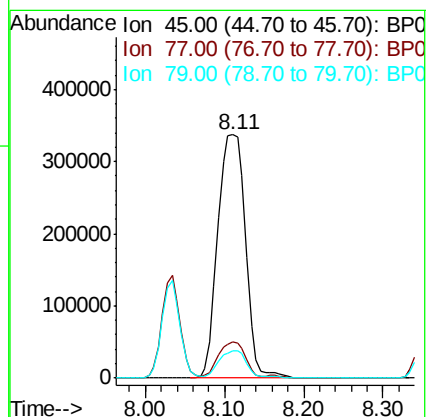
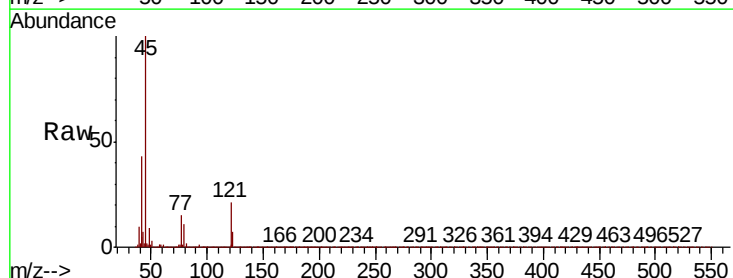
Tgt Ion: 45 Resp: 816062

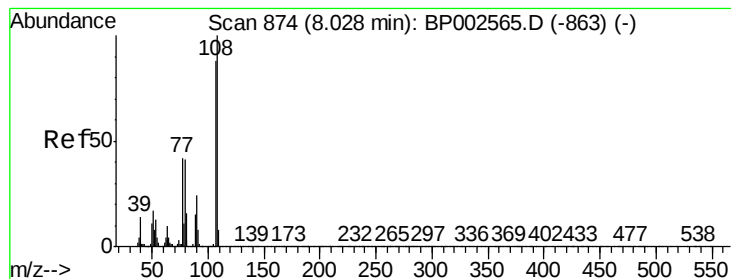
Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.0

79 11.4 0.0 31.1





#17

2-Methylphenol

Concen: 38.579 ng

RT: 8.03 min Scan# 875

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

Tot Ion:107 Resp: 481884

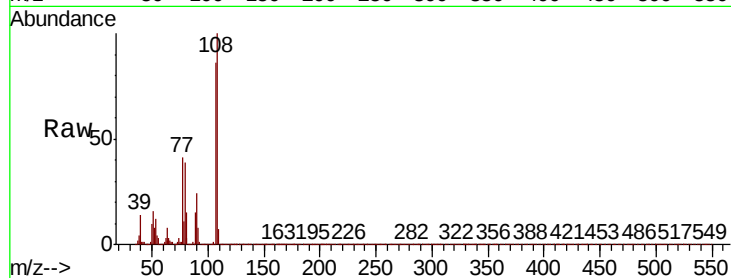
Ion Ratio Lower Upper

107 100

108 115.9 91.4 137.0

77 47.4 38.7 58.1

79 45.2 38.0 57.0



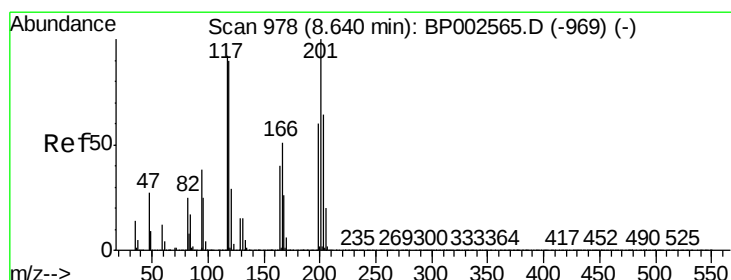
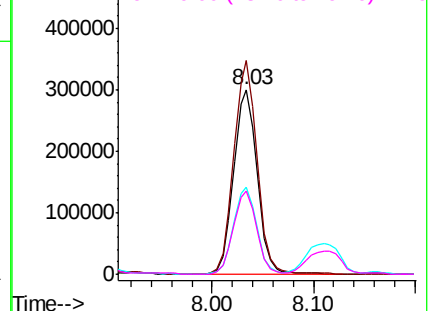
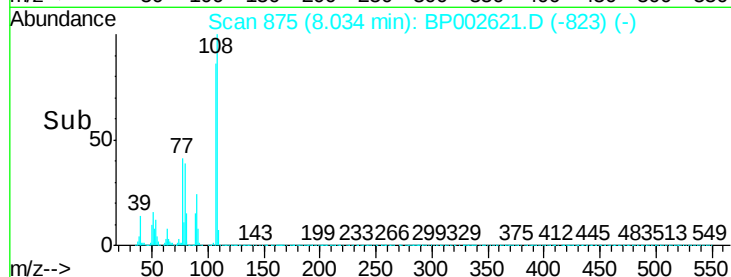
Abundance

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: 41.867 ng

RT: 8.64 min Scan# 978

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

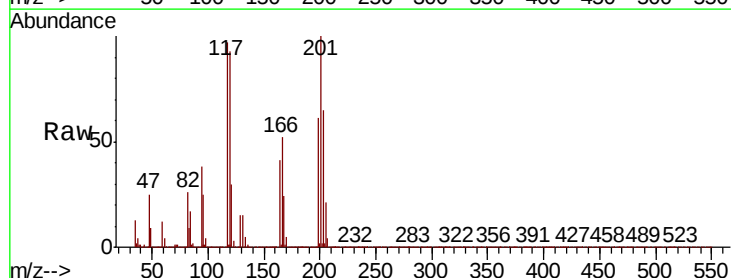
Tgt Ion:117 Resp: 233951

Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.4

201 103.5 87.0 130.6

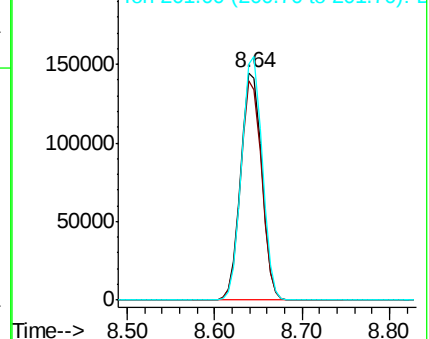
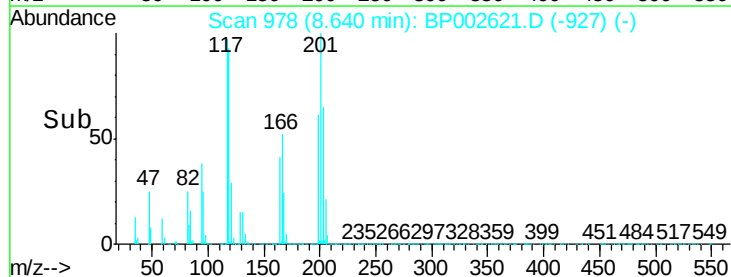


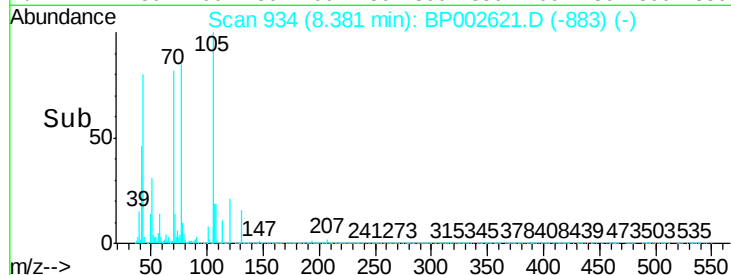
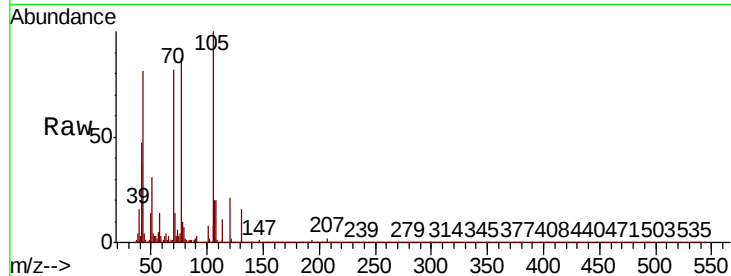
Abundance

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

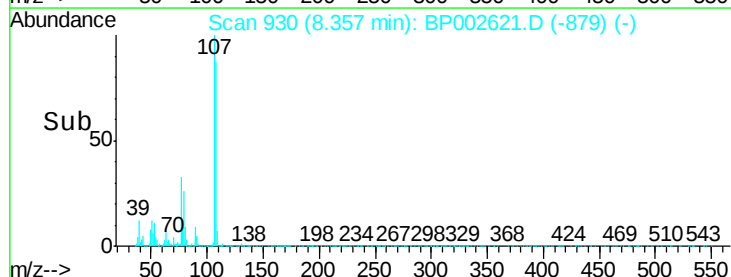
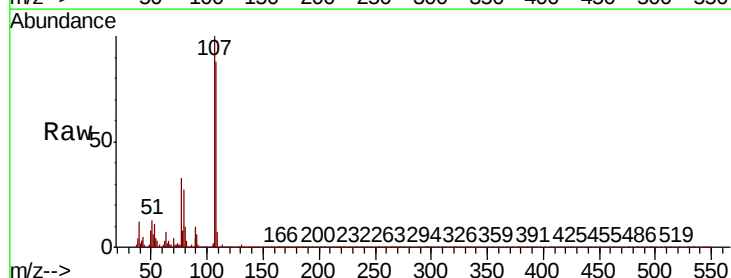
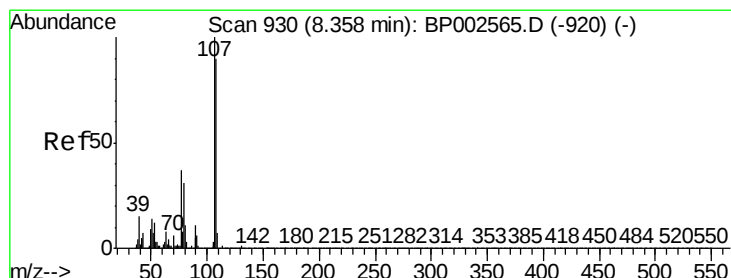
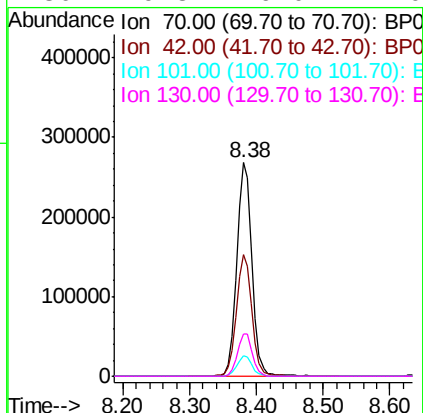




#19
n-Nitroso-di-n-propylamine
Concen: 39.217 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

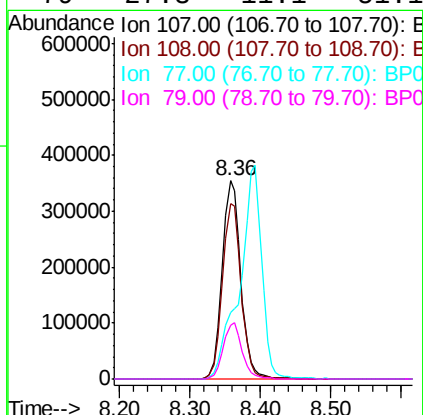
Instrument :
BNA_P
ClientSampleId :
PB129912BS

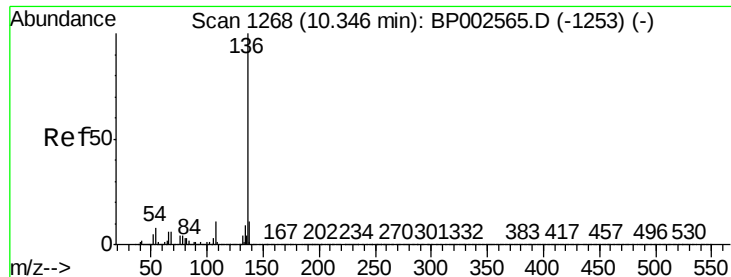
Tot Ion:	70	Resp:	425796
Ion	Ratio	Lower	Upper
70	100		
42	57.1	46.7	70.1
101	9.6	7.5	11.3
130	19.8	16.0	24.0



#20
3+4-Methylphenols
Concen: 38.517 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:	107	Resp:	648637
Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.4	110.4
77	33.5	16.7	56.7
79	27.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

Tot Ion:136 Resp: 763722

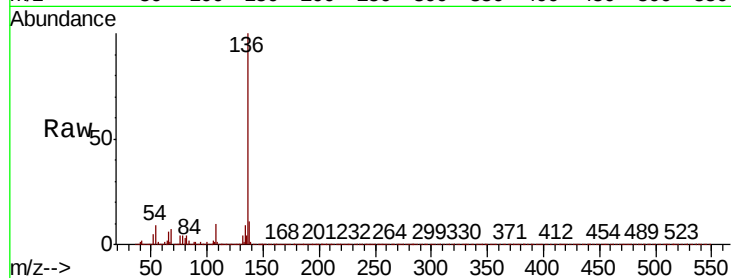
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.7 6.4 9.6

68 7.4 5.1 7.7

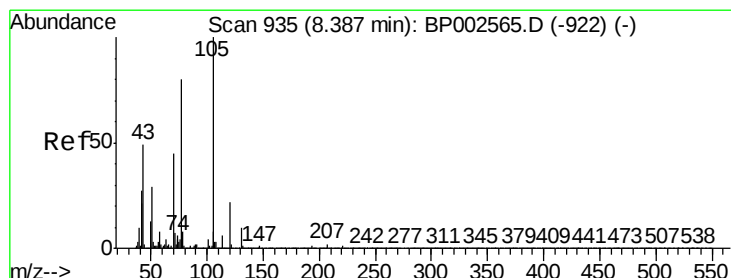
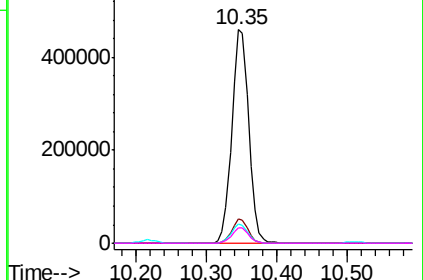
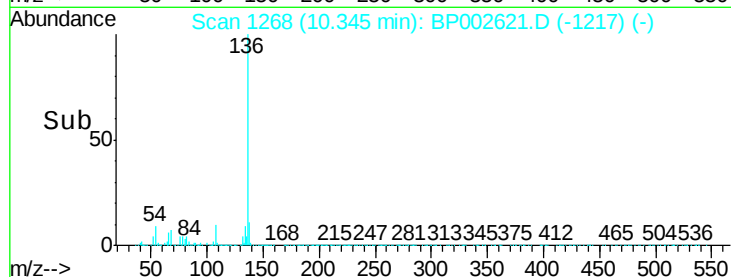


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 41.657 ng

RT: 8.39 min Scan# 936

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:105 Resp: 805251

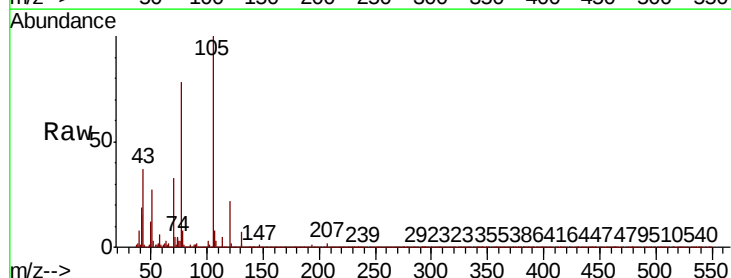
Ion Ratio Lower Upper

105 100

71 5.3 5.8 8.8#

51 26.7 23.3 34.9

120 22.2 17.4 26.0

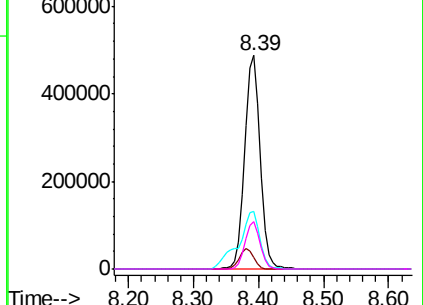
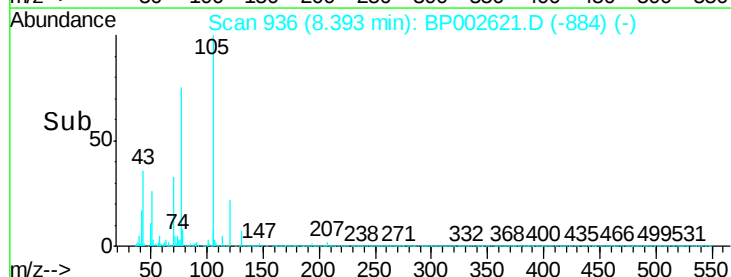


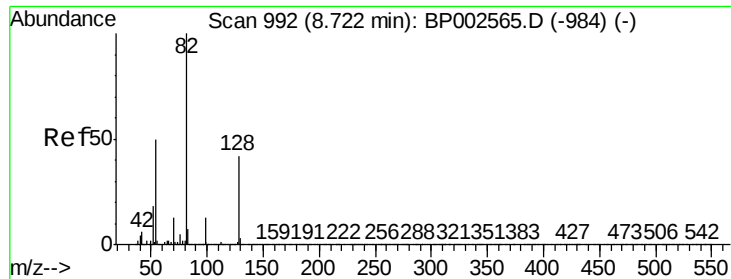
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

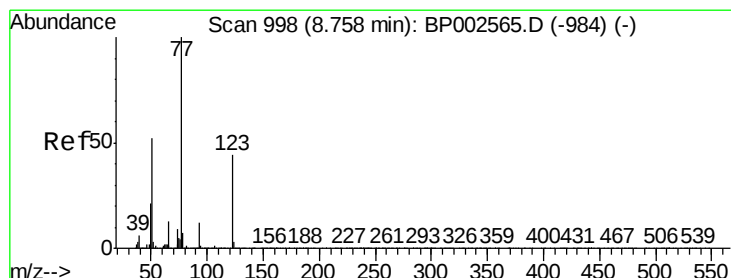
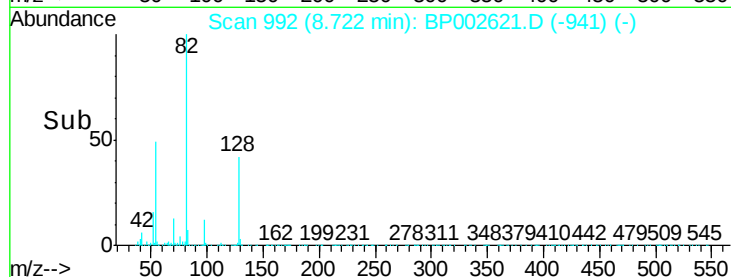
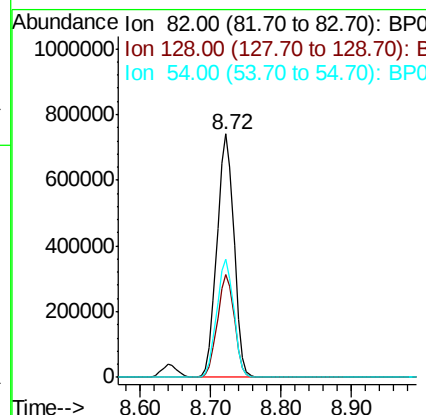
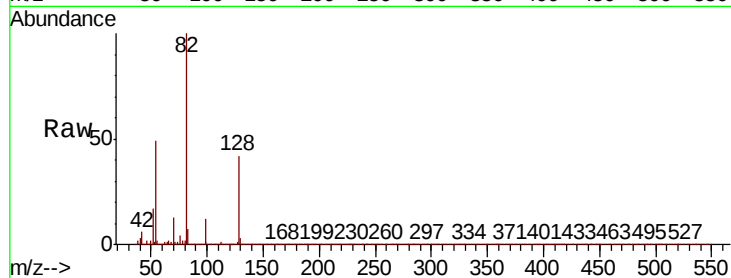




#23
Nitrobenzene-d5
Concen: 83.492 ng
RT: 8.72 min Scan# 992
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

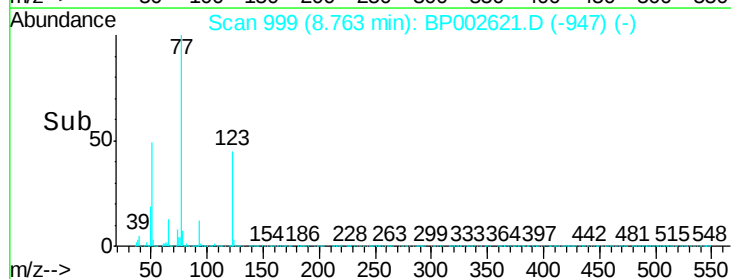
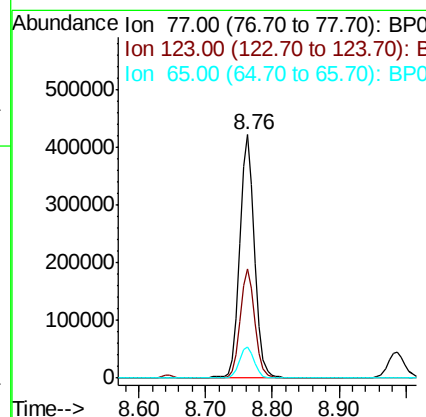
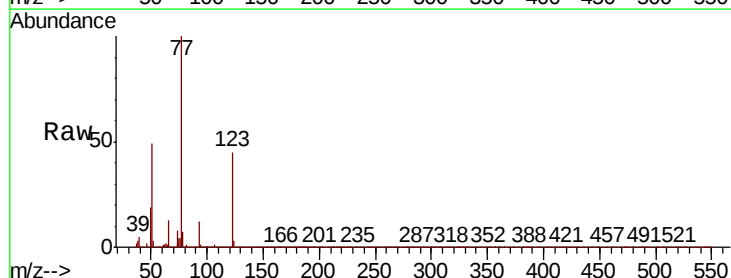
Instrument :
BNA_P
ClientSampleId :
PB129912BS

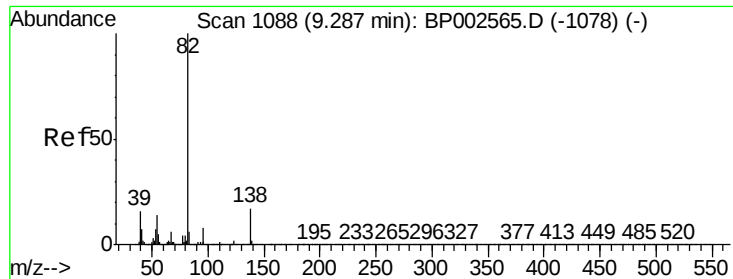
Tot Ion: 82 Resp: 1237536
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.2
54 48.6 40.1 60.1



#24
Nitrobenzene
Concen: 41.723 ng
RT: 8.76 min Scan# 999
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion: 77 Resp: 654584
Ion Ratio Lower Upper
77 100
123 44.8 35.3 52.9
65 13.0 10.6 16.0





#25

Isophorone

Concen: 39.867 ng

RT: 9.29 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

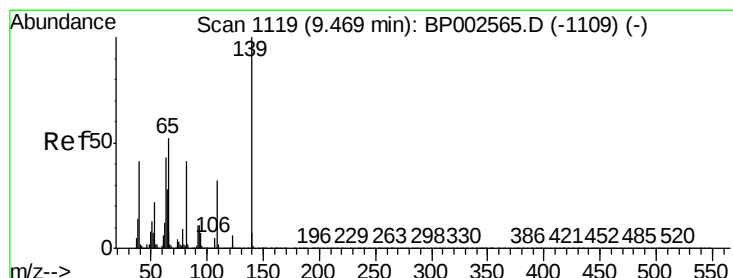
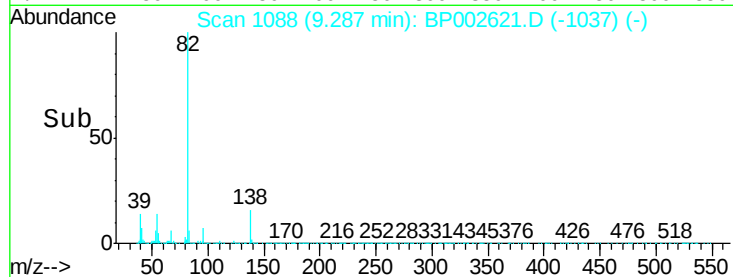
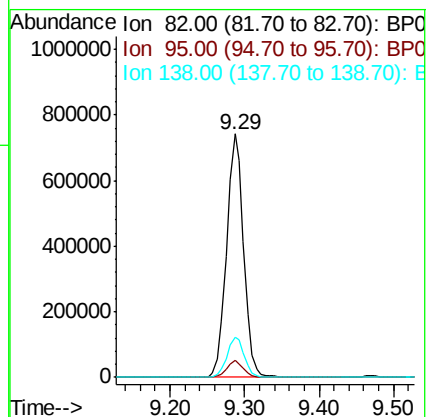
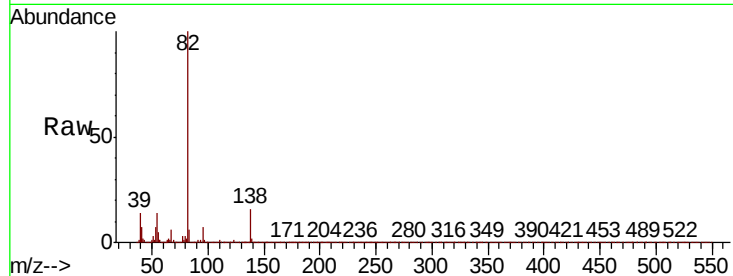
Tot Ion: 82 Resp: 1184361

Ion Ratio Lower Upper

82 100

95 6.8 6.0 9.0

138 16.2 13.8 20.8



#26

2-Nitrophenol

Concen: 43.334 ng

RT: 9.47 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

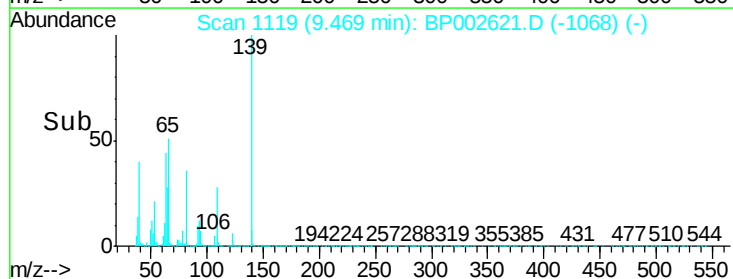
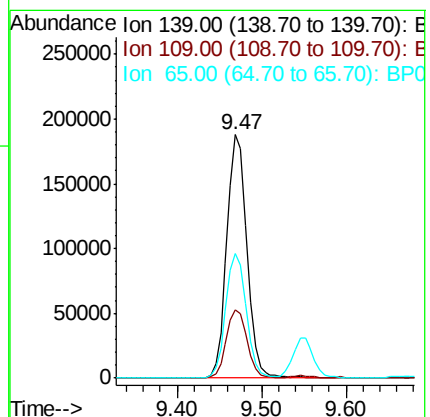
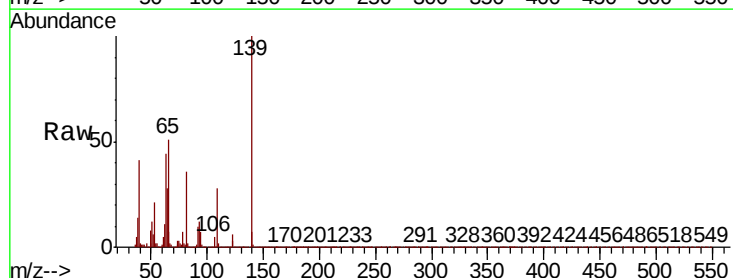
Tgt Ion: 139 Resp: 310066

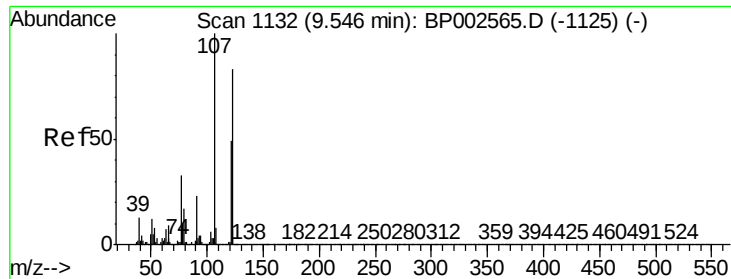
Ion Ratio Lower Upper

139 100

109 27.8 26.0 39.0

65 51.2 41.9 62.9

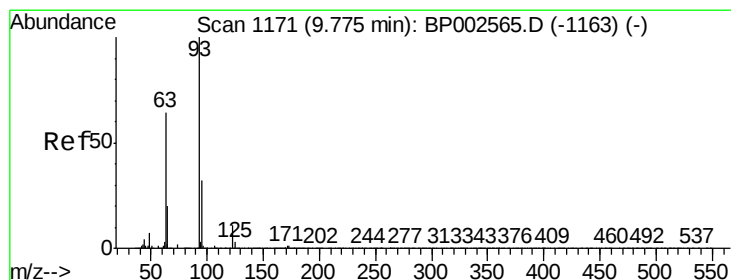
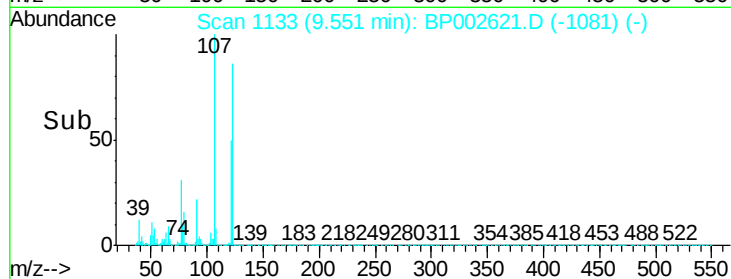
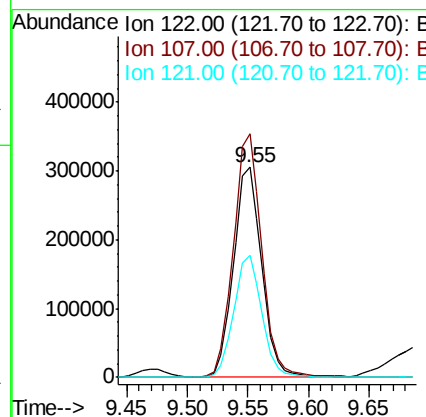
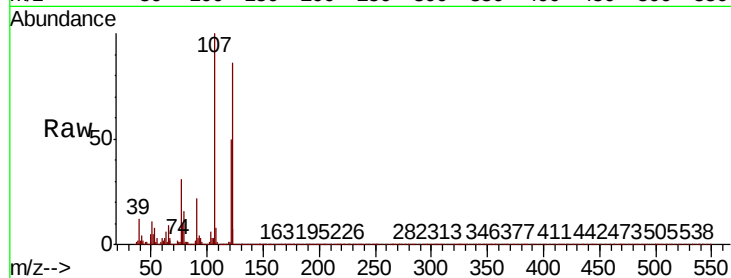




#27
2,4-Dimethylphenol
Concen: 45.765 ng
RT: 9.55 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

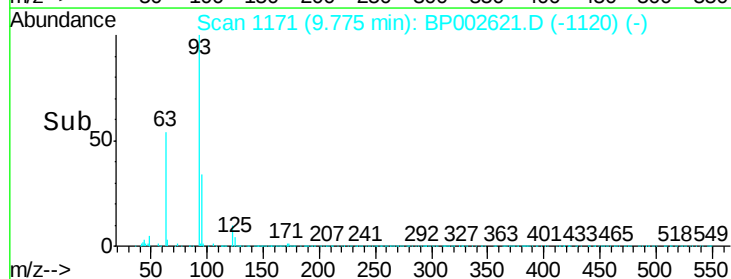
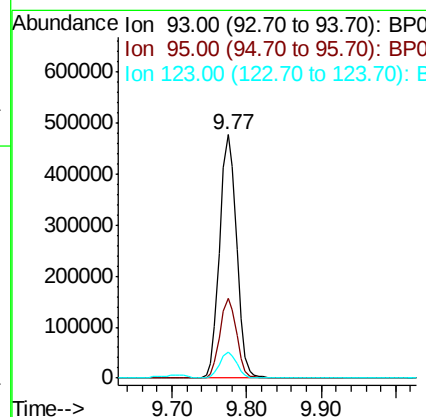
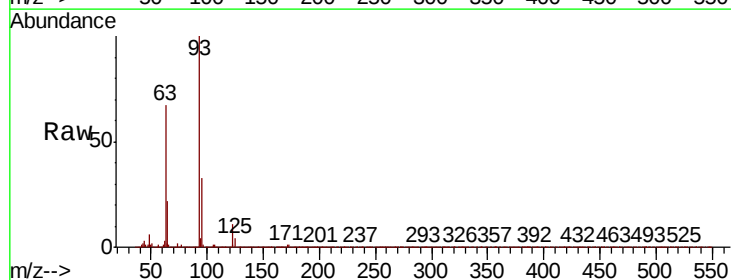
Instrument :
BNA_P
ClientSampleId :
PB129912BS

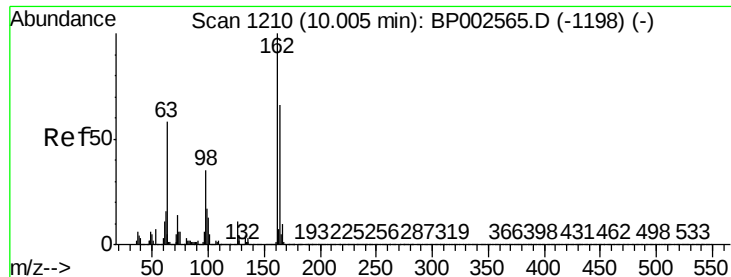
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	95.9	143.9
121	58.0	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.010 ng
RT: 9.77 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	10.7	8.7	13.1

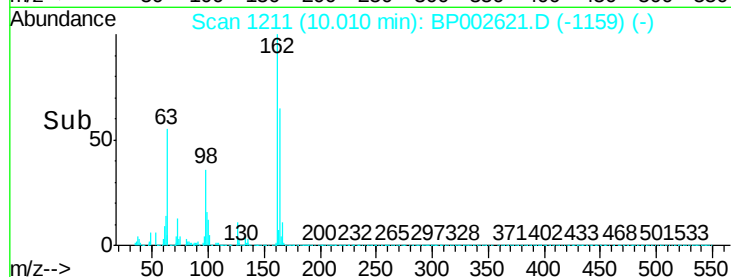
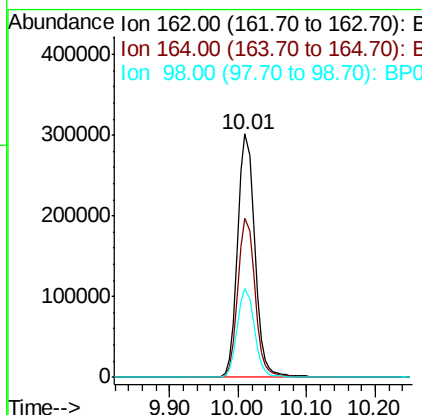
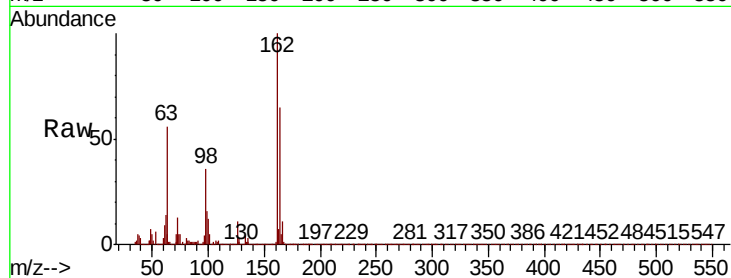




#29
2,4-Dichlorophenol
Concen: 42.042 ng
RT: 10.01 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

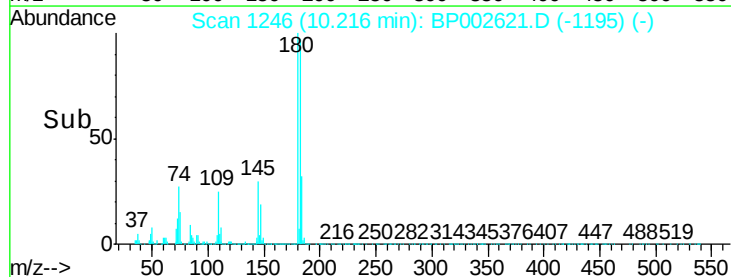
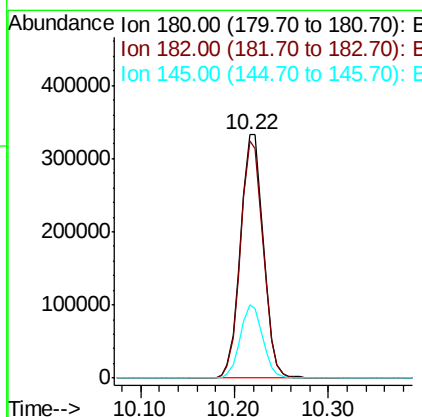
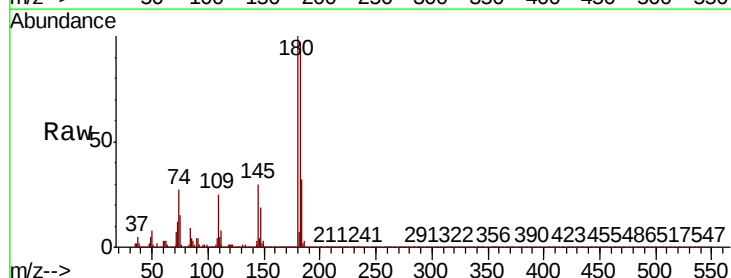
Instrument :
BNA_P
ClientSampleId :
PB129912BS

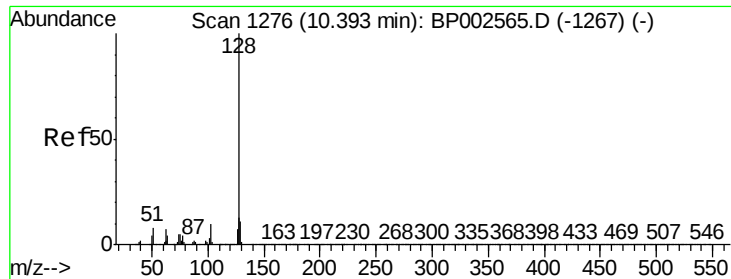
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.1	86.1
98	36.3	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 40.171 ng
RT: 10.22 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.2	117.2
145	30.1	22.6	34.0

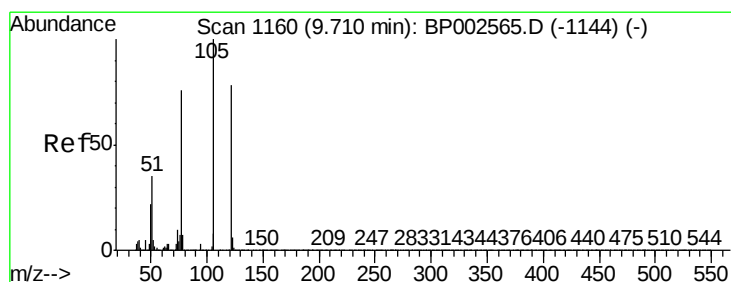
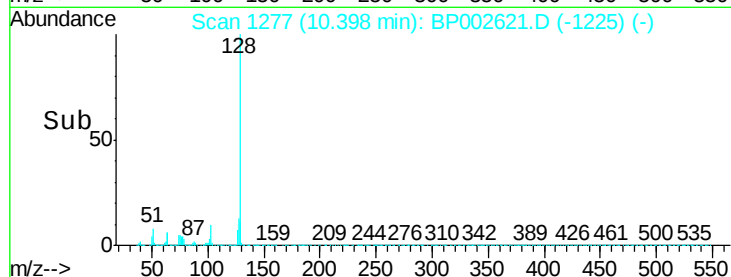
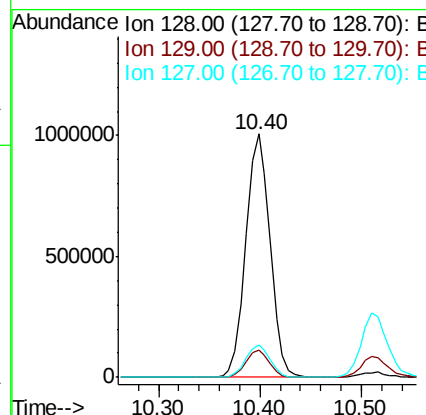
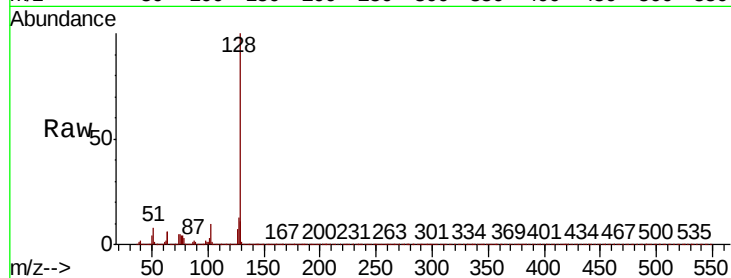




#31
Naphthalene
Concen: 41.190 ng
RT: 10.40 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

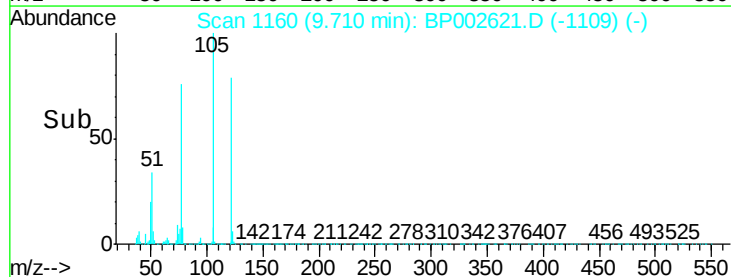
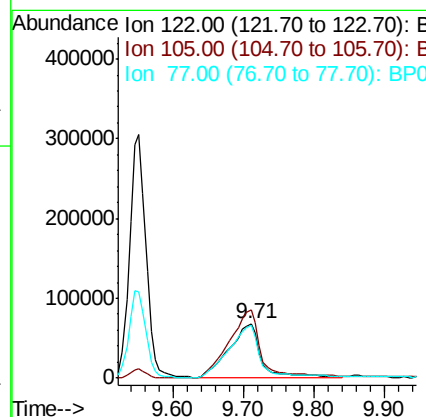
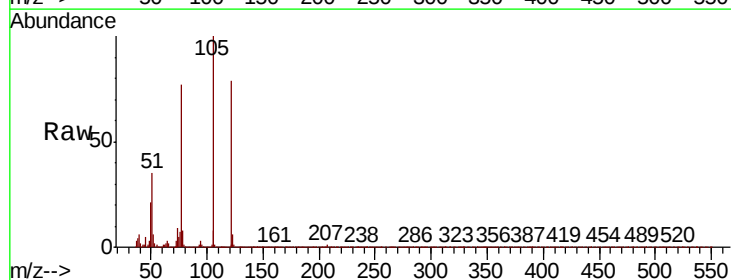
Instrument :
BNA_P
ClientSampleId :
PB129912BS

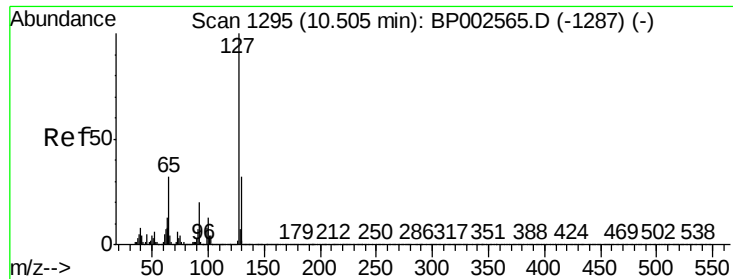
Tot Ion:128 Resp: 1665283
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 28.584 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:122 Resp: 206811
Ion Ratio Lower Upper
122 100
105 126.1 106.6 146.6
77 96.6 76.5 116.5

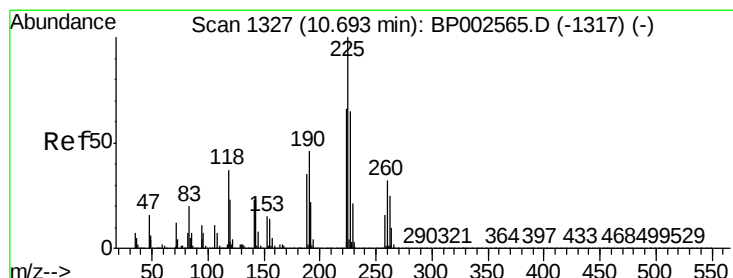
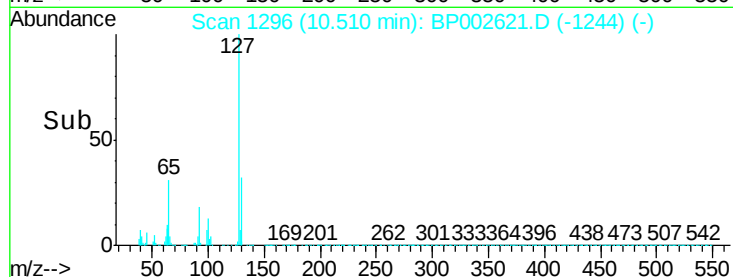
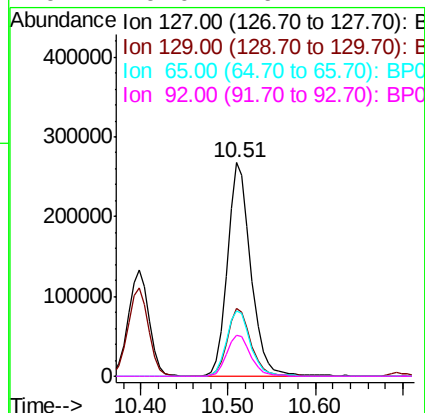
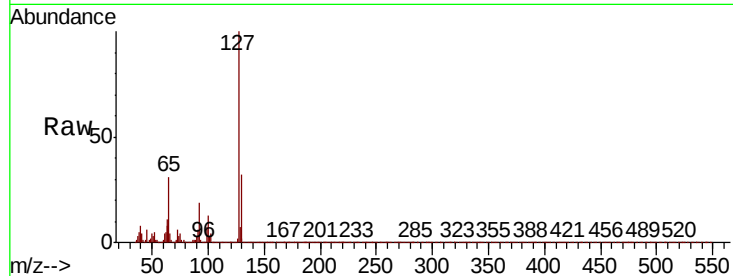




#33
4-Chloroaniline
Concen: 27.508 ng
RT: 10.51 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

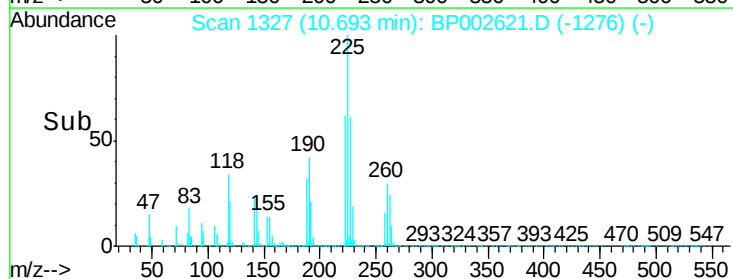
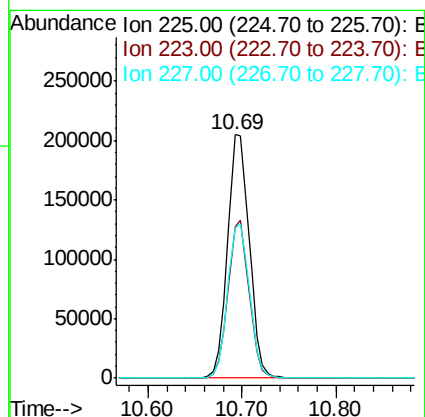
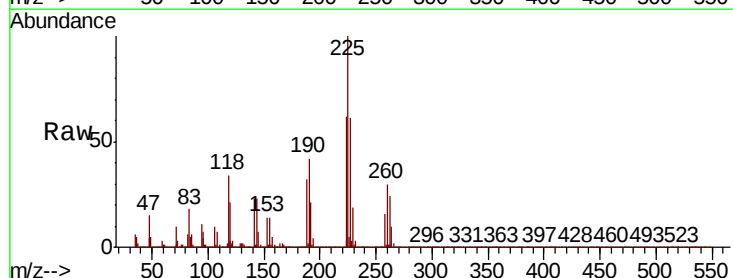
Instrument :
BNA_P
ClientSampleId :
PB129912BS

Tot Ion:	127	Resp:	486471
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	30.7	25.7	38.5
92	19.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.297 ng
RT: 10.69 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:	225	Resp:	329753
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.6	78.8
227	61.5	52.1	78.1

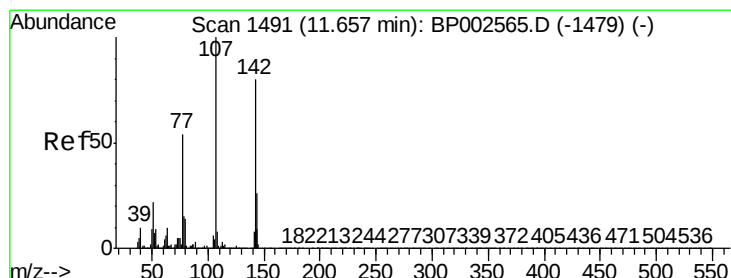
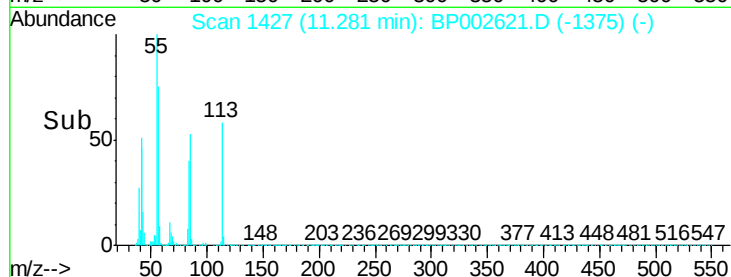
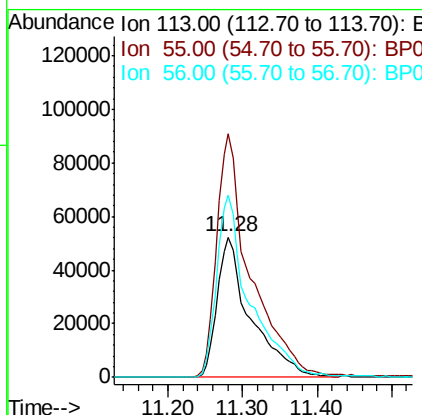
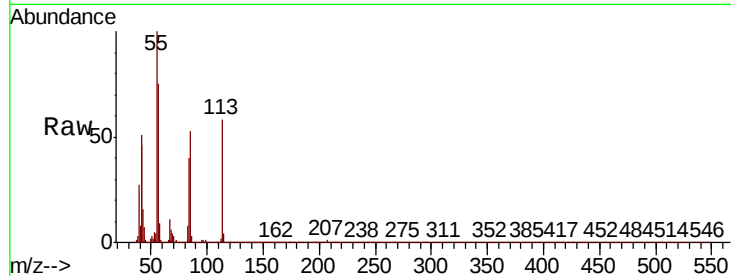




#35
 Caprolactam
 Concen: 38.633 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BP002621.D
 Acq: 02 Jul 2020 09:31

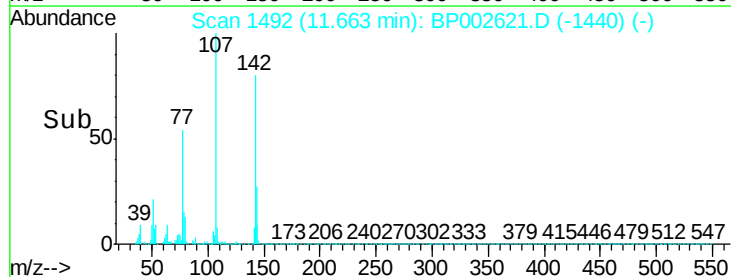
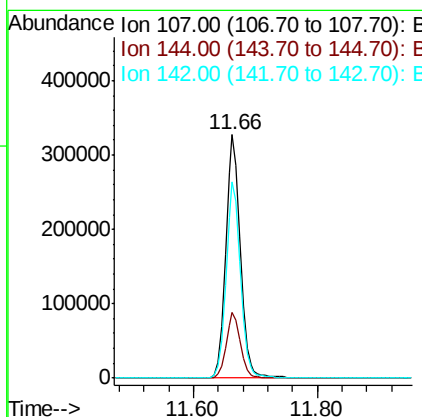
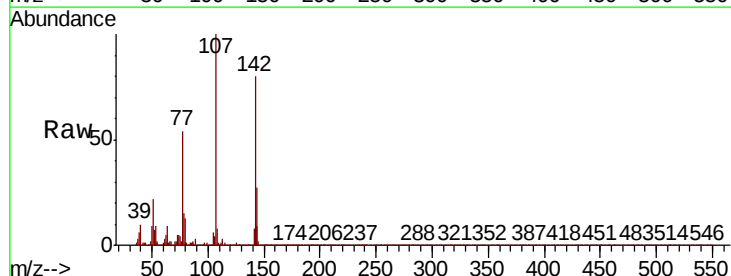
Instrument :
 BNA_P
 ClientSampleId :
 PB129912BS

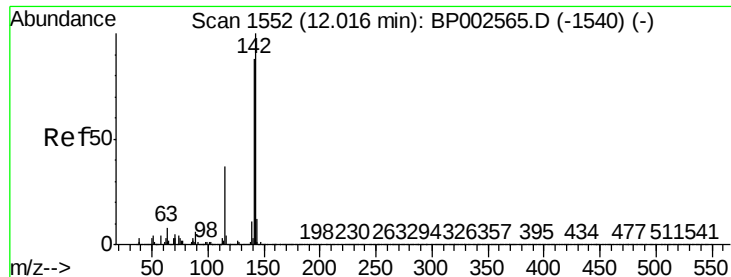
Tot Ion:113 Resp: 162271
 Ion Ratio Lower Upper
 113 100
 55 173.5 143.7 183.7
 56 130.0 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.688 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. 0.01 min
 Lab File: BP002621.D
 Acq: 02 Jul 2020 09:31

Tgt Ion:107 Resp: 543546
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.0 31.6
 142 80.4 63.9 95.9

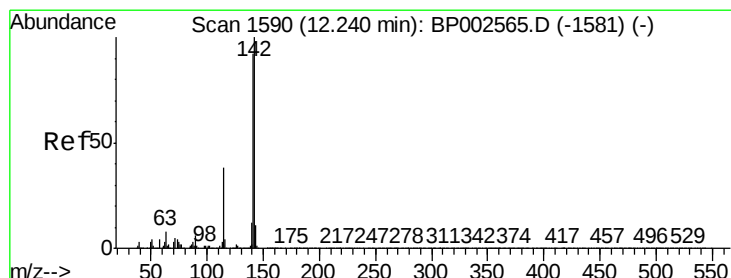
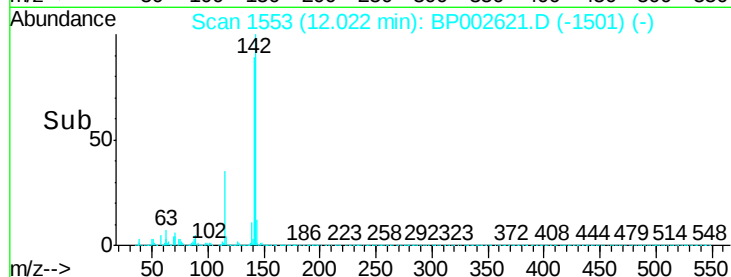
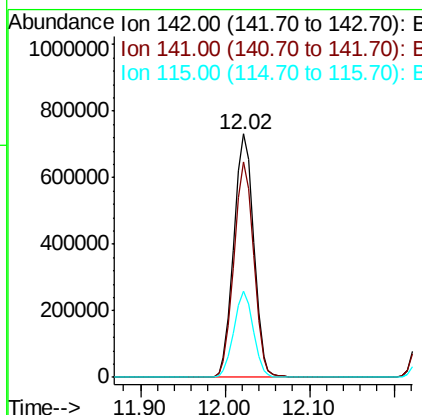
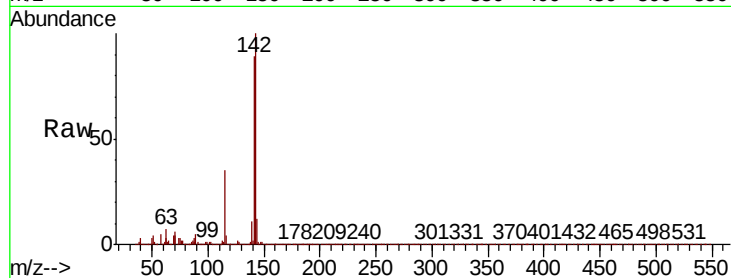




#37
2-Methylnaphthalene
Concen: 40.238 ng
RT: 12.02 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

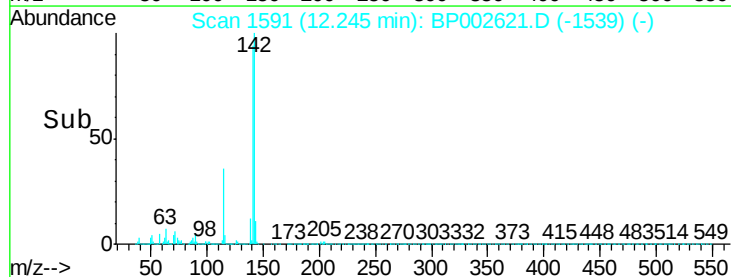
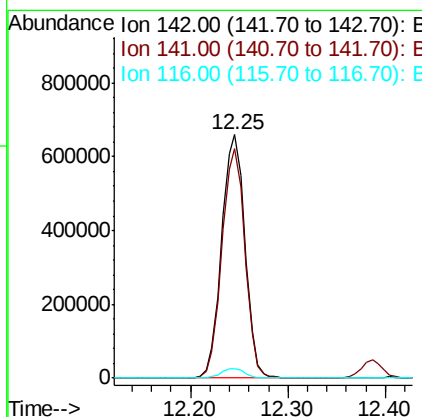
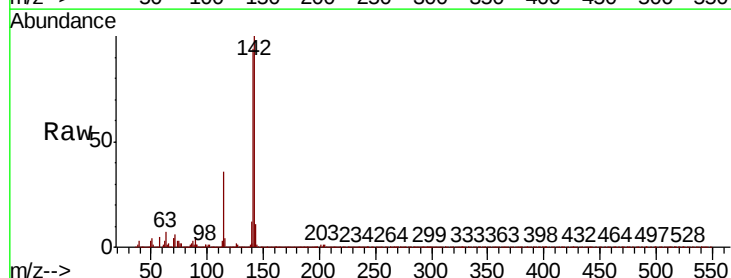
Instrument :
BNA_P
ClientSampleId :
PB129912BS

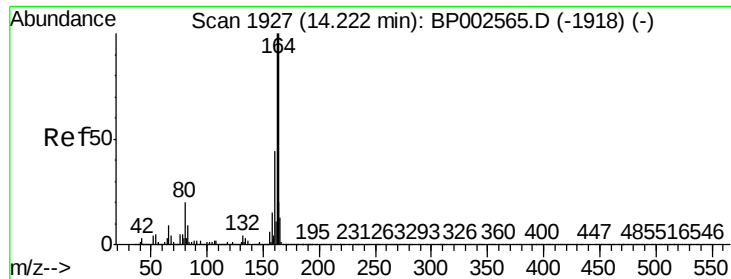
Tot Ion:142 Resp: 1186142
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1
115 35.3 29.7 44.5



#38
1-Methylnaphthalene
Concen: 39.266 ng
RT: 12.25 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:142 Resp: 1090134
Ion Ratio Lower Upper
142 100
141 94.1 73.4 110.2
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

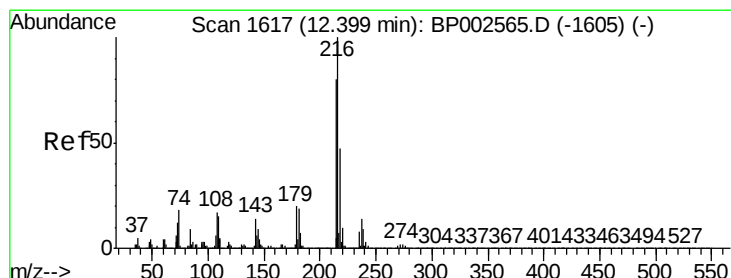
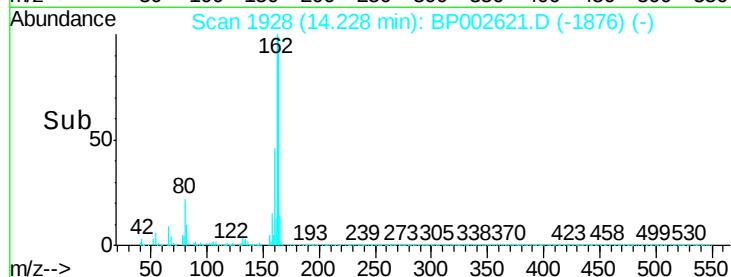
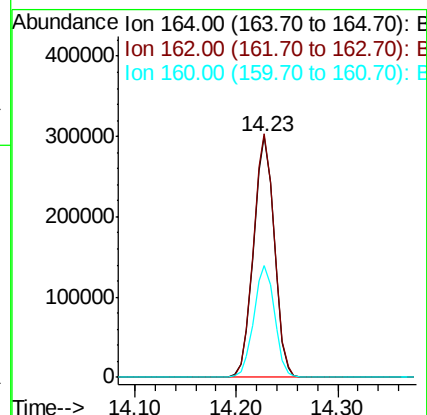
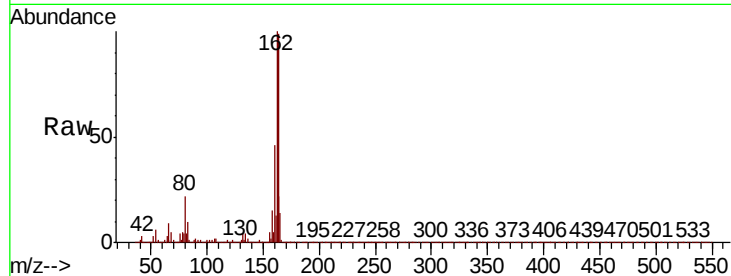
Tot Ion:164 Resp: 426515

Ion Ratio Lower Upper

164 100

162 101.1 80.3 120.5

160 46.7 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.407 ng

RT: 12.40 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:216 Resp: 578087

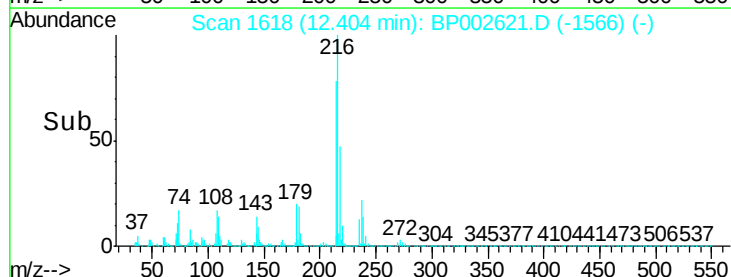
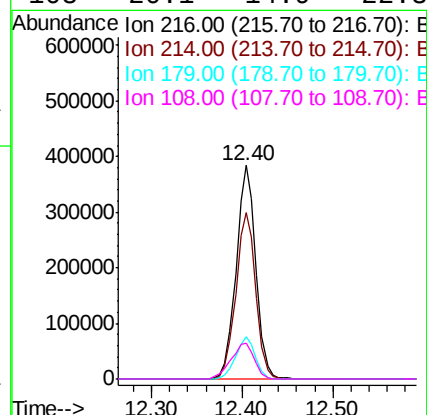
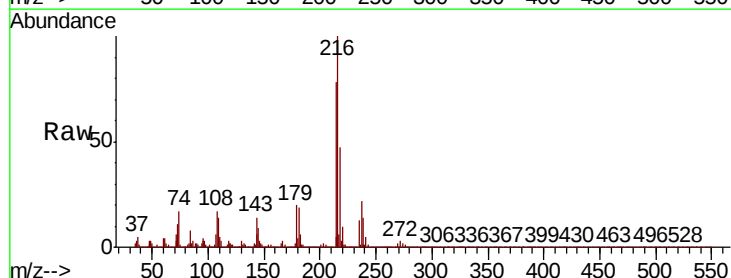
Ion Ratio Lower Upper

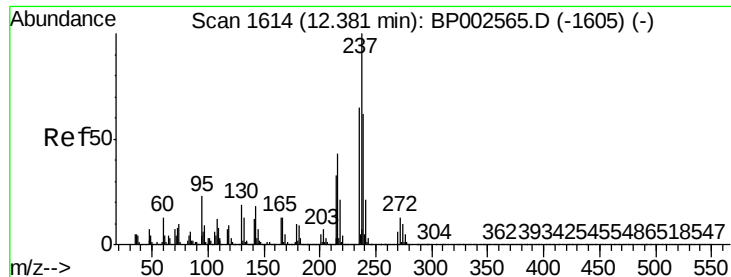
216 100

214 79.3 63.2 94.8

179 19.6 16.6 24.8

108 20.1 14.9 22.3

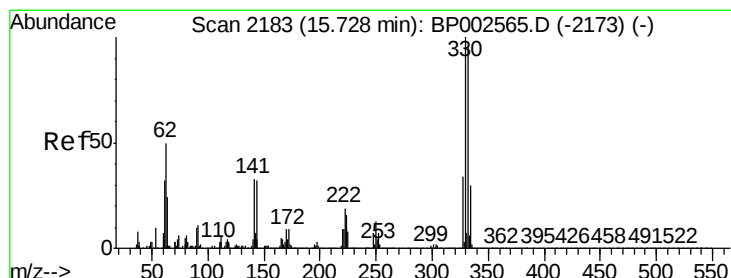
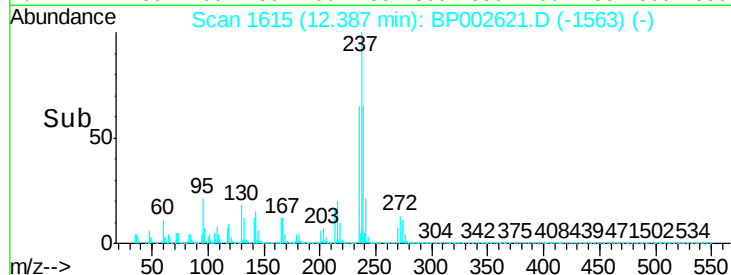
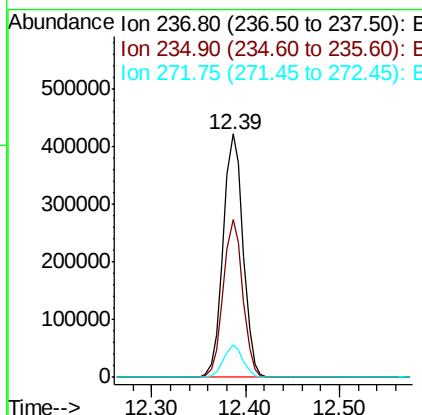
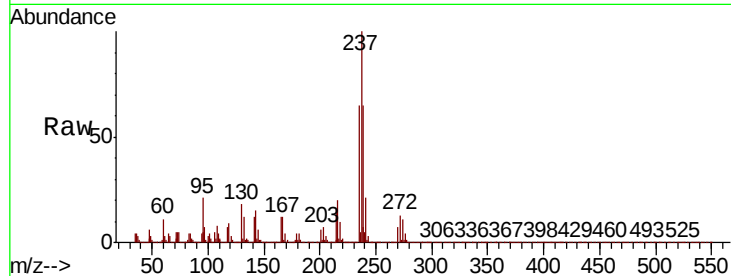




#41
Hexachlorocyclopentadiene
Concen: 89.157 ng
RT: 12.39 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

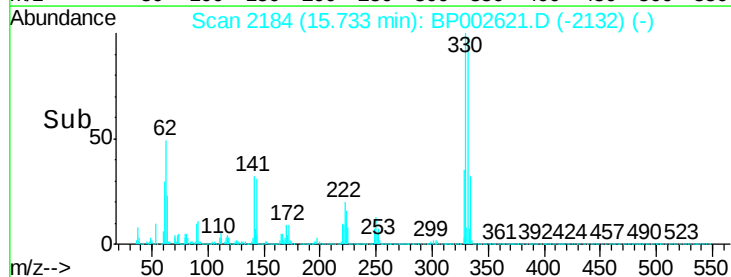
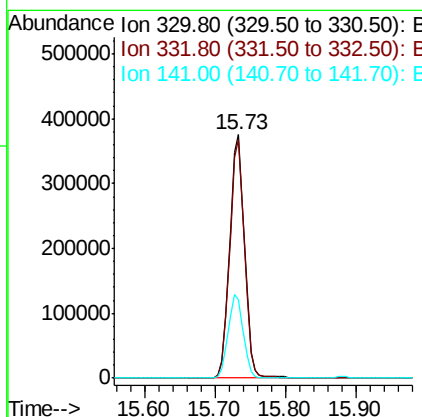
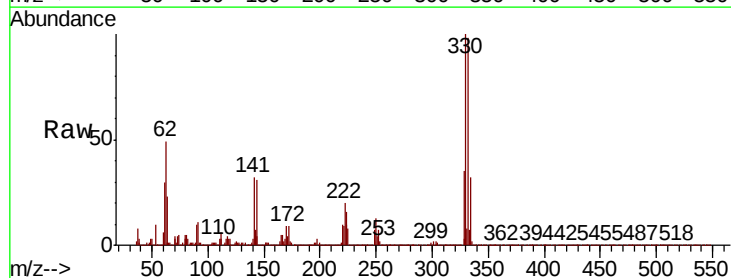
Instrument :
BNA_P
ClientSampleId :
PB129912BS

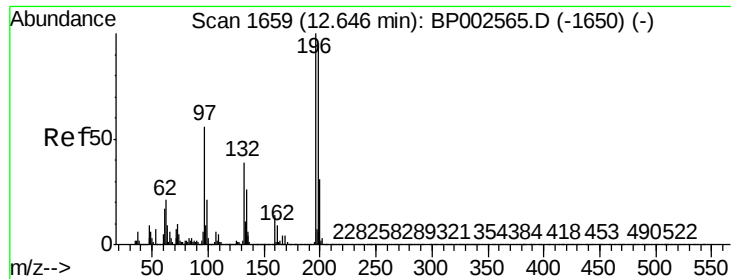
Tot Ion:237 Resp: 623526
Ion Ratio Lower Upper
237 100
235 65.0 45.4 85.4
272 13.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 106.501 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:330 Resp: 552488
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 34.8 29.0 43.6

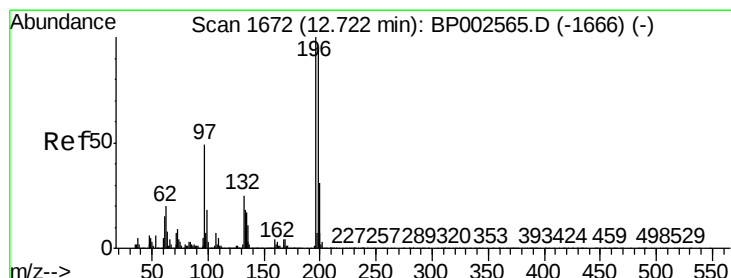
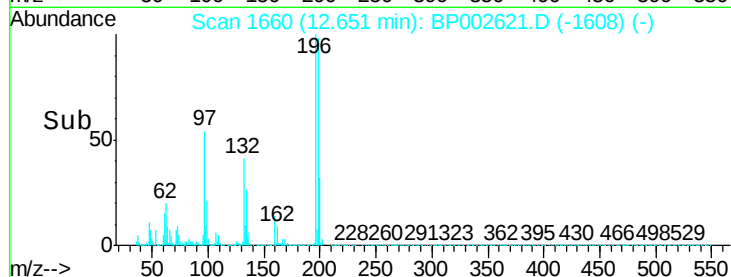
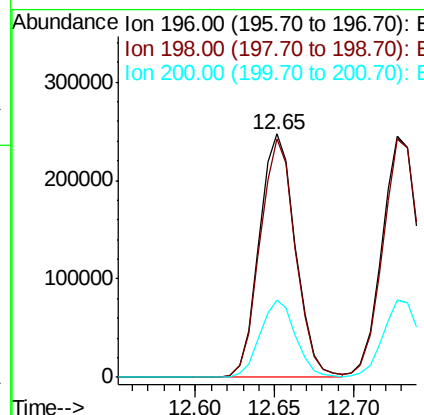
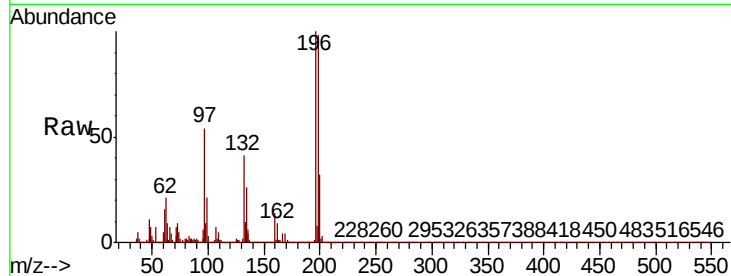




#43
 2,4,6-Trichlorophenol
 Concen: 43.559 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: BP002621.D
 Acq: 02 Jul 2020 09:31

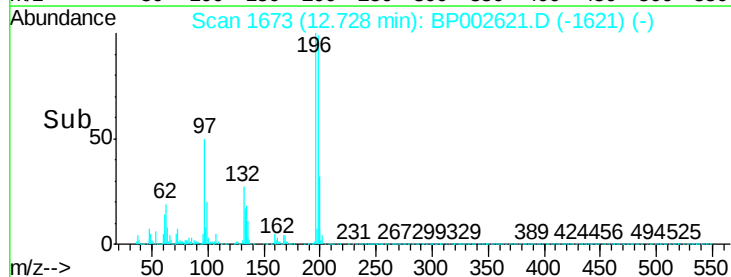
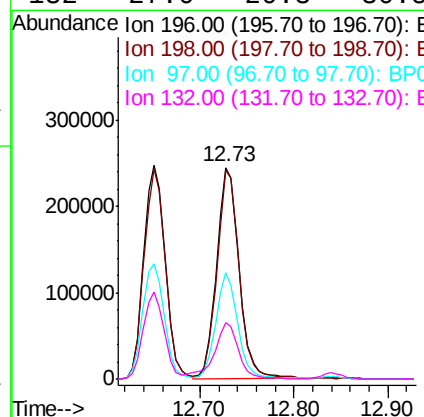
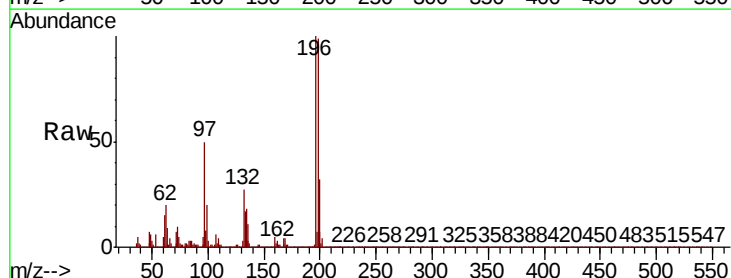
Instrument :
 BNA_P
 ClientSampleId :
 PB129912BS

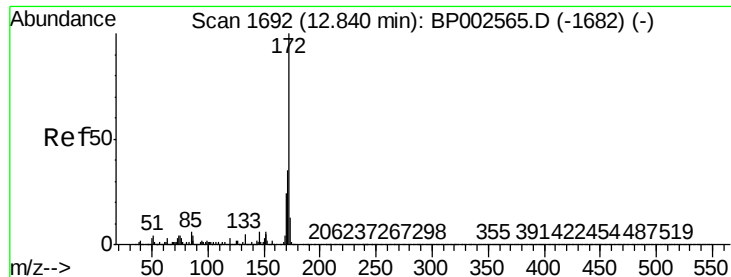
Tot Ion:196 Resp: 392524
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.3 112.9
 200 31.9 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.705 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BP002621.D
 Acq: 02 Jul 2020 09:31

Tgt Ion:196 Resp: 411878
 Ion Ratio Lower Upper
 196 100
 198 99.0 75.4 113.0
 97 50.2 39.3 58.9
 132 27.0 20.3 30.5

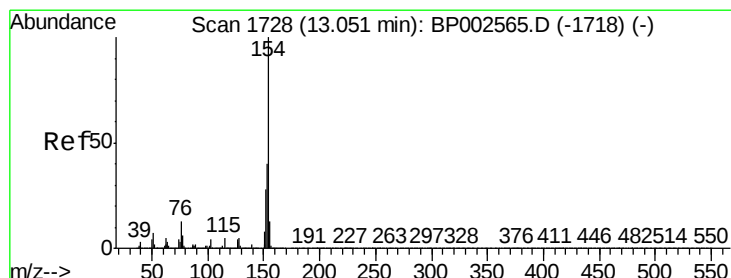
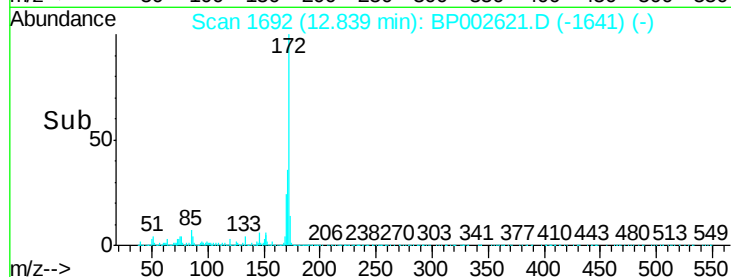
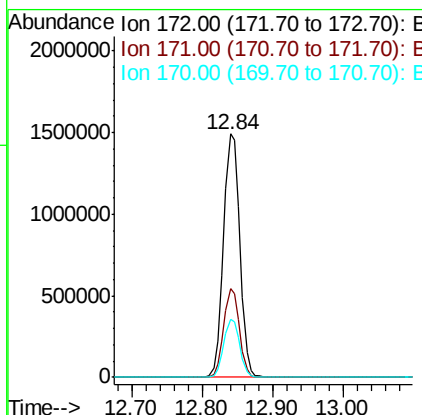
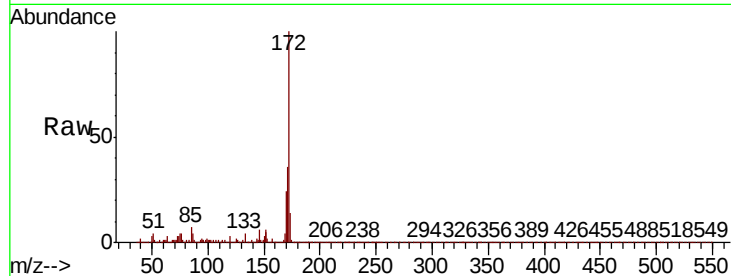




#45
2-Fluorobiphenyl
Concen: 82.621 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

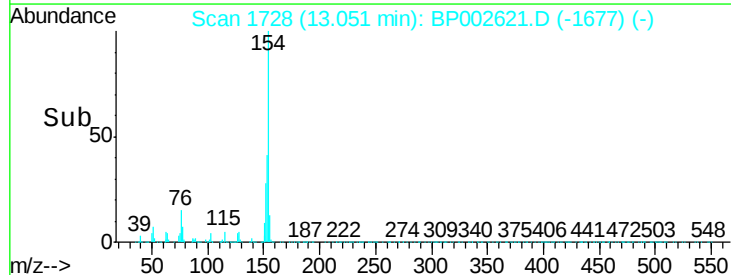
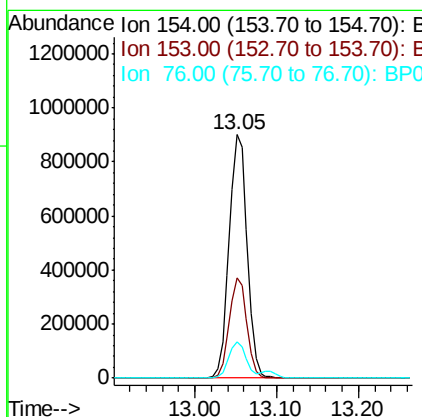
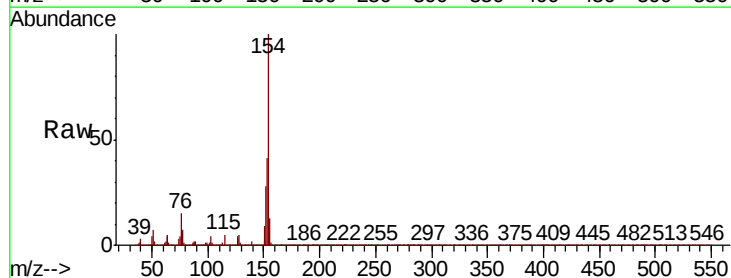
Instrument :
BNA_P
ClientSampleId :
PB129912BS

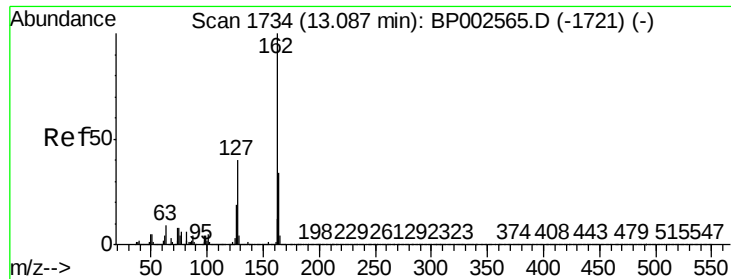
Tot Ion:172 Resp: 2394245
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.816 ng
RT: 13.05 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:154 Resp: 1381379
Ion Ratio Lower Upper
154 100
153 40.9 20.0 60.0
76 14.7 0.0 33.0

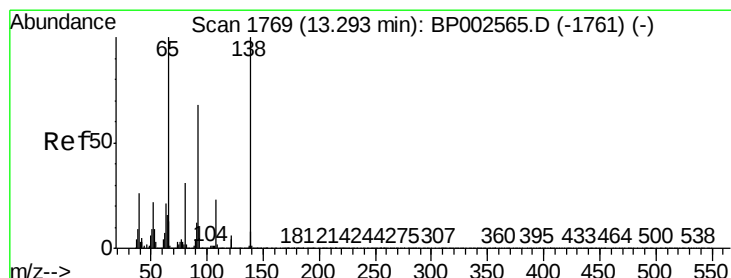
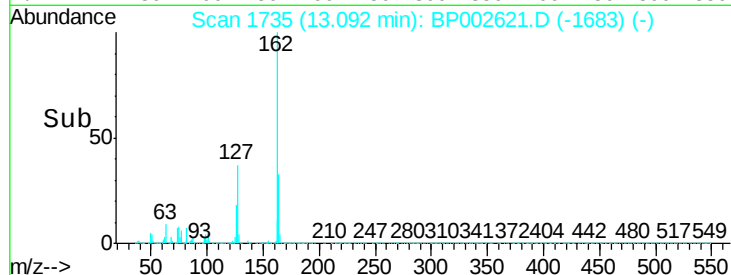
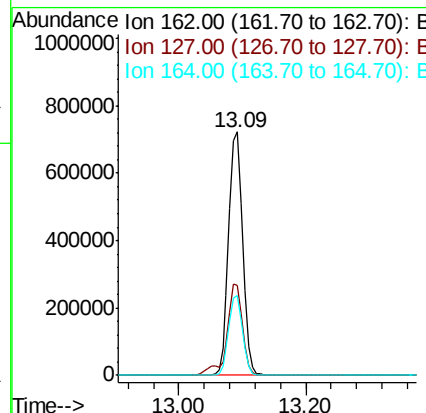
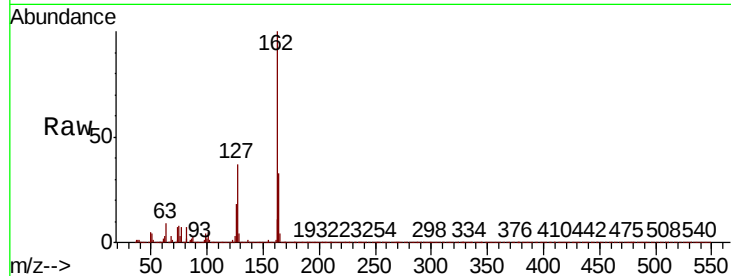




#47
2-Chloronaphthalene
Concen: 42.267 ng
RT: 13.09 min Scan# 1735
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

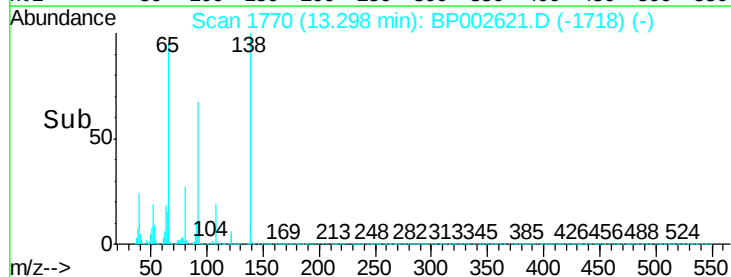
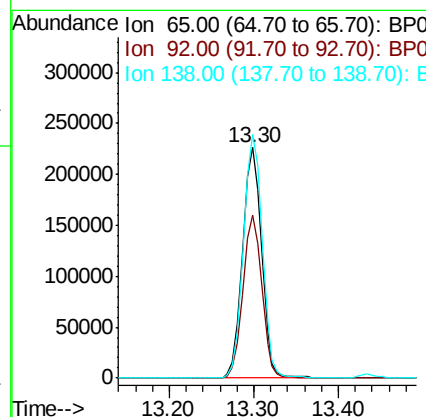
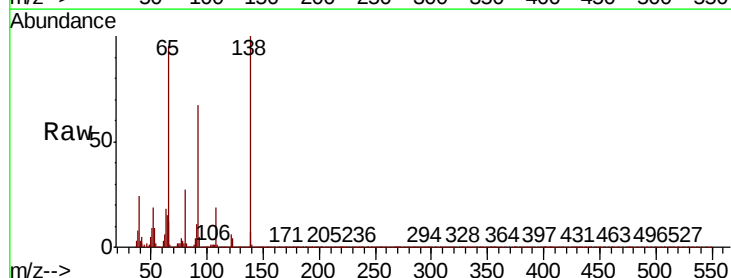
Instrument :
BNA_P
ClientSampleId :
PB129912BS

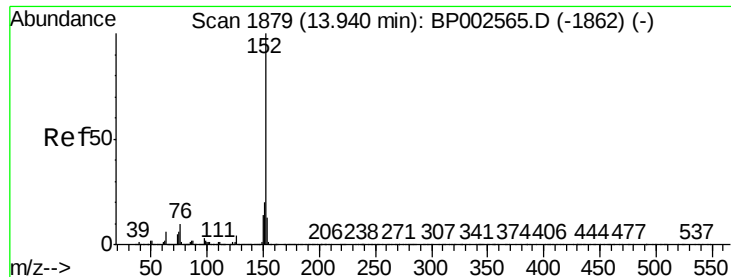
Tot Ion:162 Resp: 1110047
Ion Ratio Lower Upper
162 100
127 36.9 31.7 47.5
164 32.5 27.3 40.9



#48
2-Nitroaniline
Concen: 41.788 ng
RT: 13.30 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion: 65 Resp: 350113
Ion Ratio Lower Upper
65 100
92 70.9 54.2 81.4
138 105.7 79.8 119.8





#49

Acenaphthylene

Concen: 41.859 ng

RT: 13.95 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

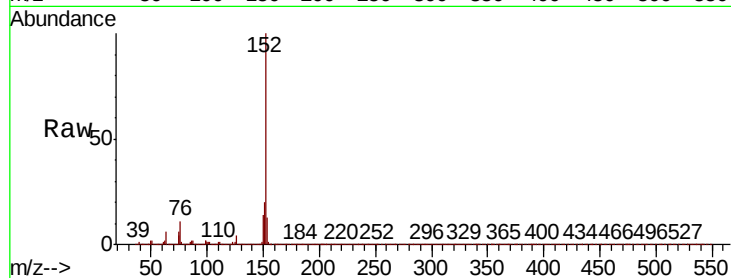
BNA_P

ClientSampleId :

PB129912BS

Tot Ion:152 Resp: 1730116

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.2	15.2

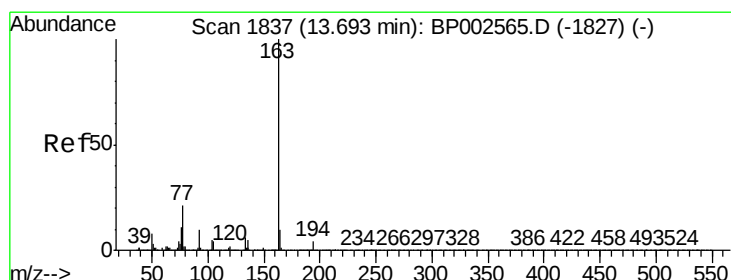
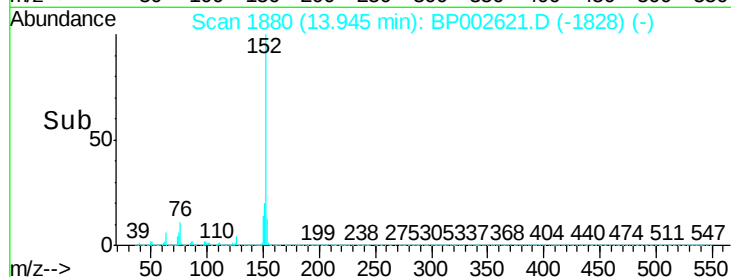
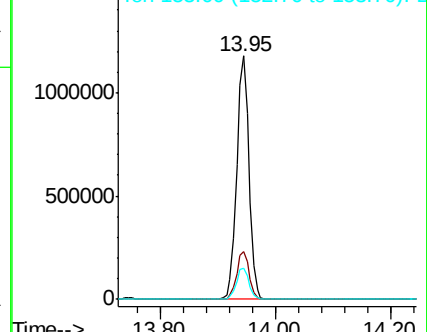


Abundance

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: 39.395 ng

RT: 13.69 min Scan# 1837

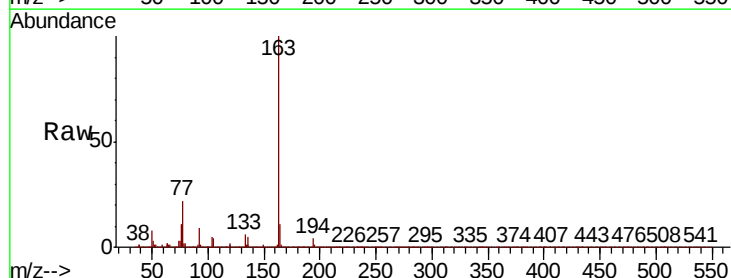
Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:163 Resp: 1319704

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.7	8.2	12.4

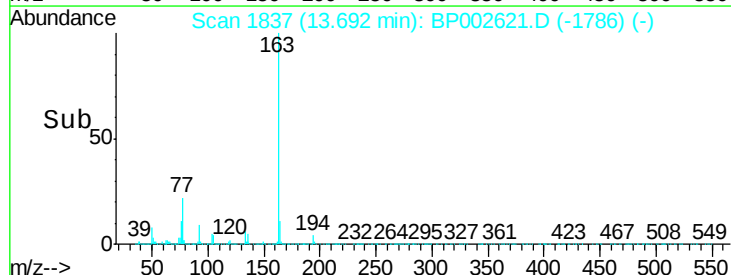
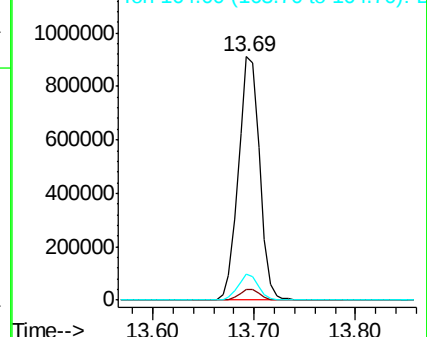


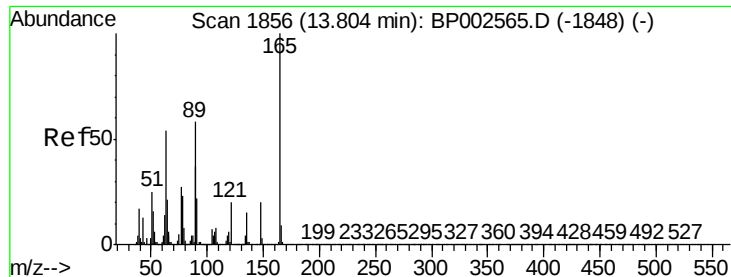
Abundance

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

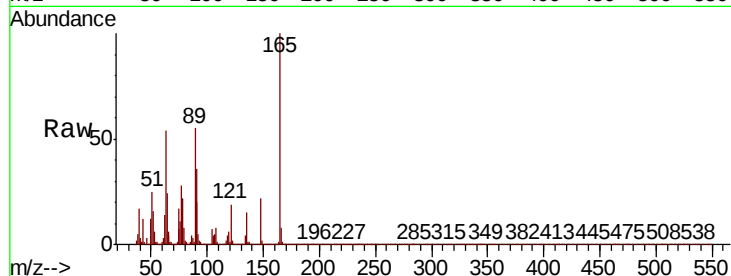




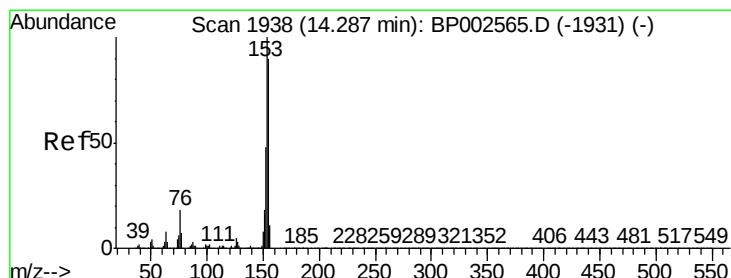
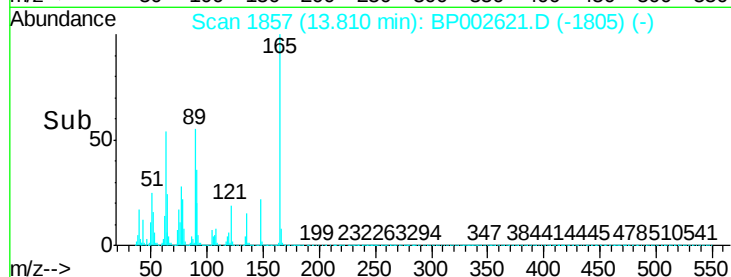
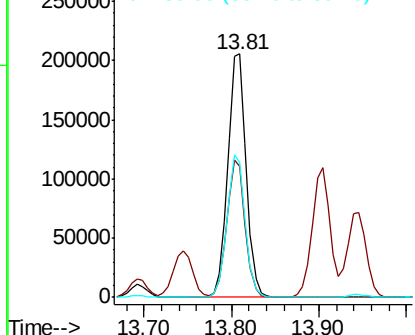
#51
2,6-Dinitrotoluene
Concen: 40.976 ng
RT: 13.81 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB129912BS

Tot Ion:165 Resp: 296461
Ion Ratio Lower Upper
165 100
63 53.6 46.6 69.8
89 55.3 46.3 69.5

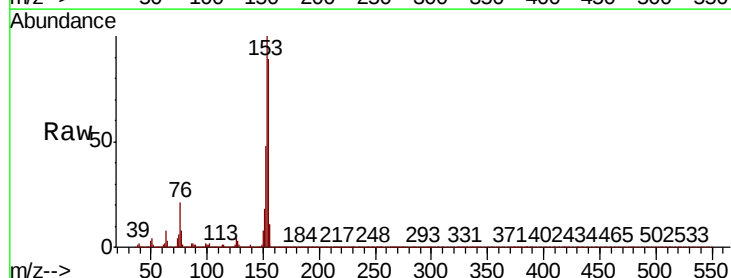


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

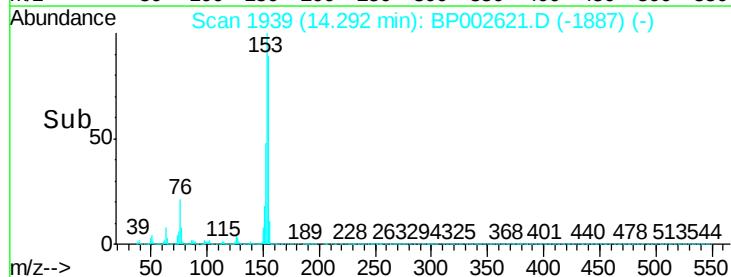
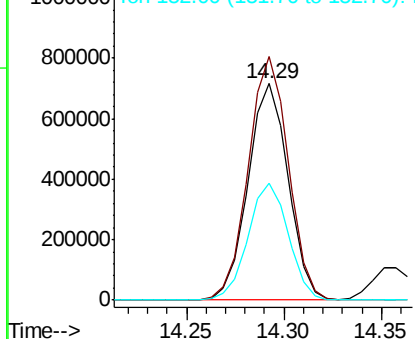


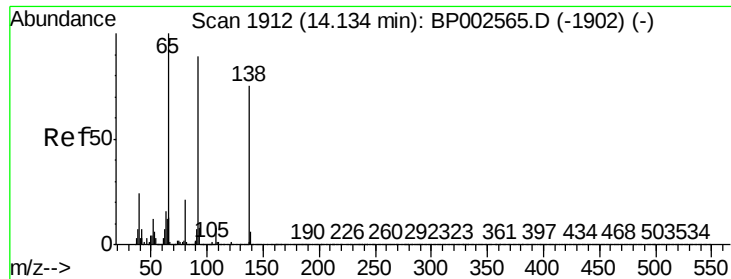
#52
Acenaphthene
Concen: 41.958 ng
RT: 14.29 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:154 Resp: 1023195
Ion Ratio Lower Upper
154 100
153 112.5 89.1 133.7
152 54.2 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

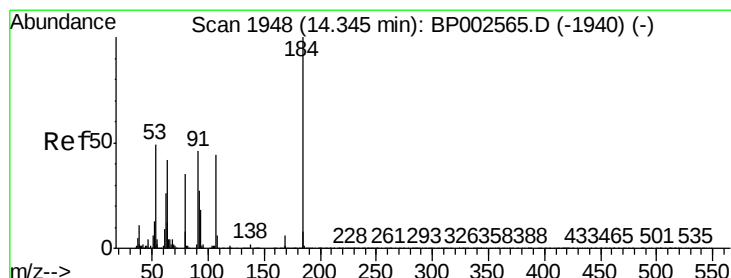
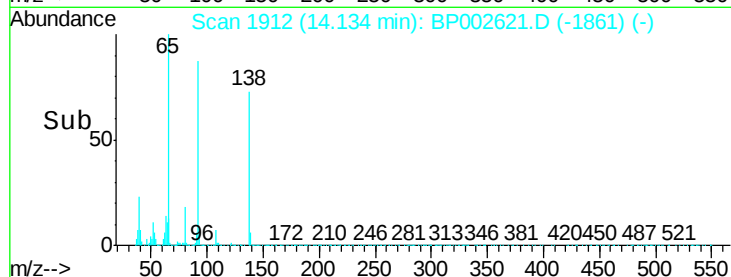
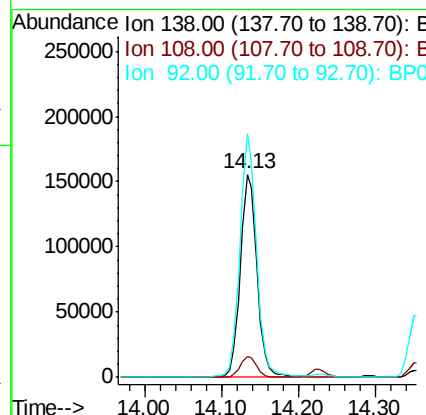
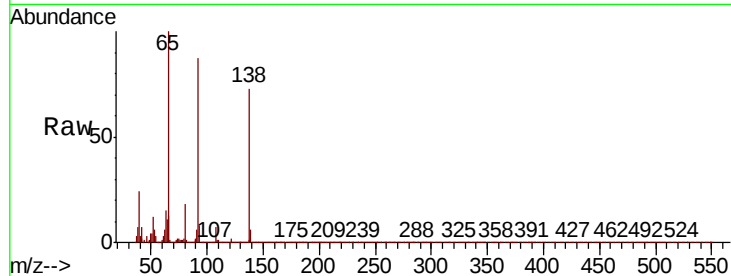




#53
3-Nitroaniline
Concen: 30.224 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

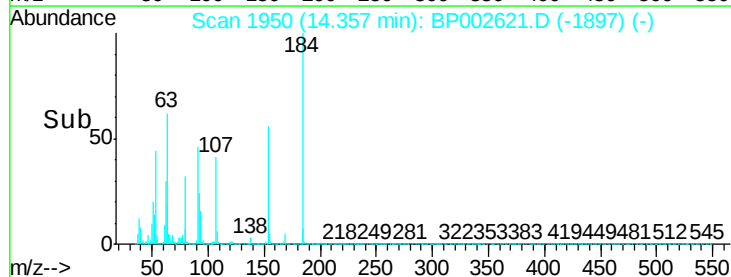
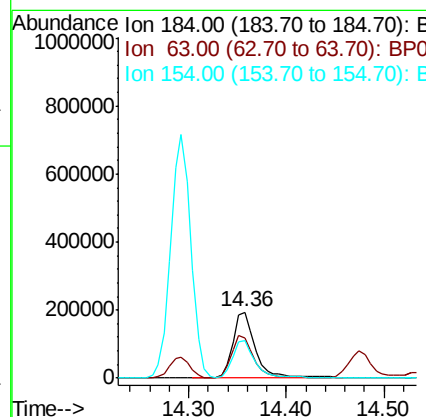
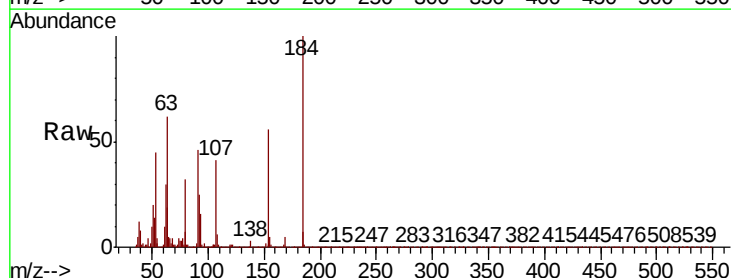
Instrument :
BNA_P
ClientSampleId :
PB129912BS

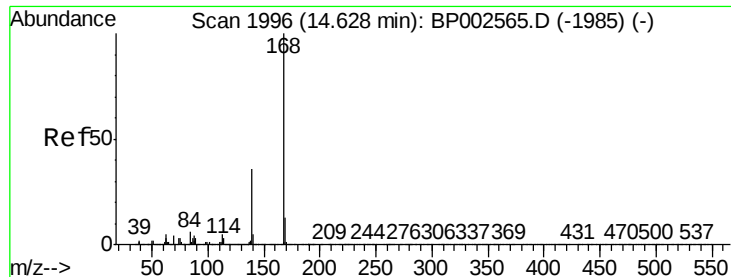
Tot Ion:138 Resp: 238096
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 120.1 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 70.226 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:184 Resp: 313145
Ion Ratio Lower Upper
184 100
63 61.7 56.2 84.2
154 56.2 50.9 76.3





#55

Dibenzofuran

Concen: 40.834 ng

RT: 14.63 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

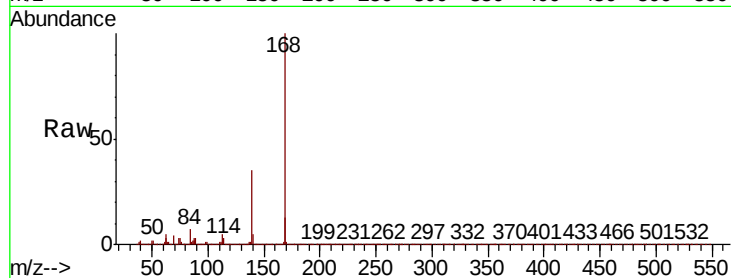
Tot Ion:168 Resp: 1613722

Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.3	43.9
169	13.5	10.6	15.8

168 100

139 35.3 29.3 43.9

169 13.5 10.6 15.8

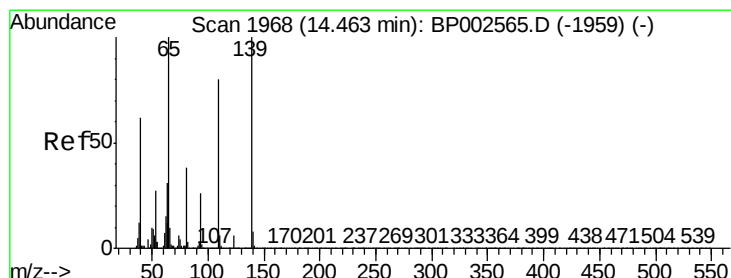
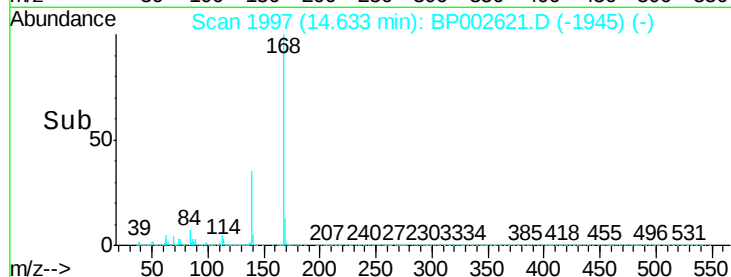
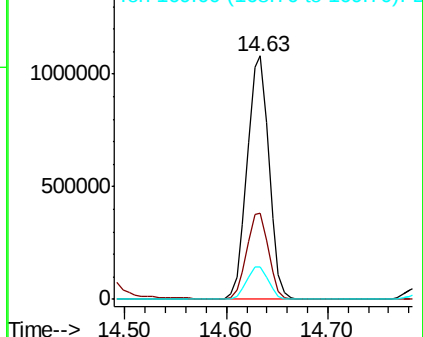


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.480 ng

RT: 14.47 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

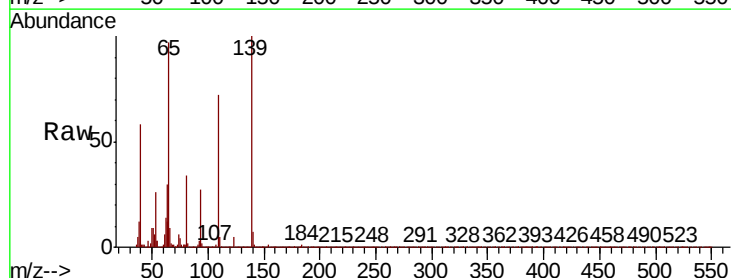
Tgt Ion:139 Resp: 455683

Ion	Ratio	Lower	Upper
139	100		
109	71.5	60.1	100.1
65	97.4	80.3	120.3

139 100

109 71.5 60.1 100.1

65 97.4 80.3 120.3

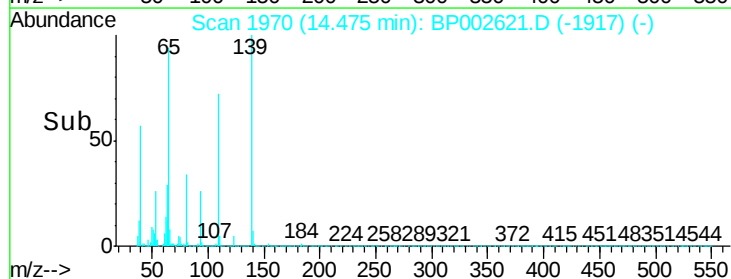
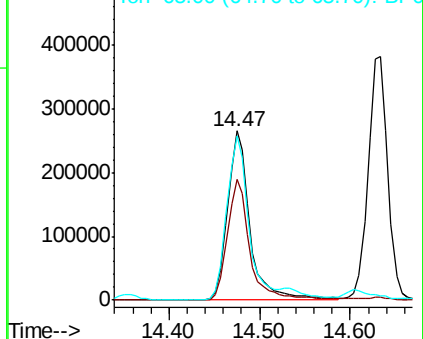


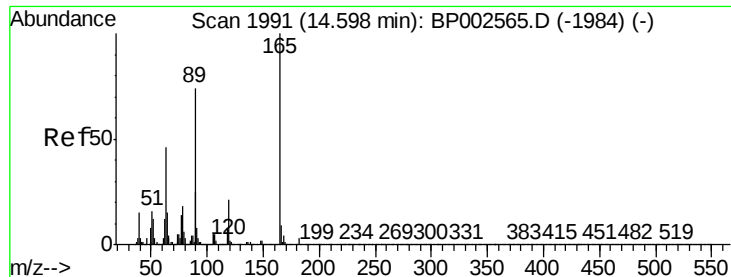
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

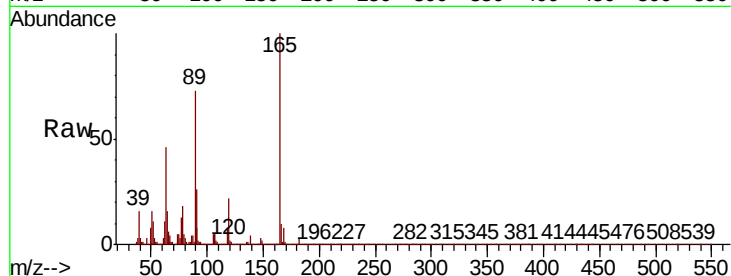




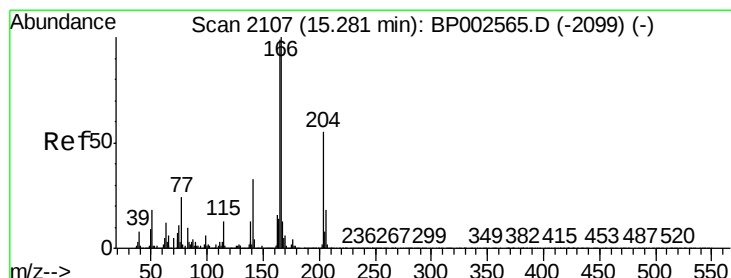
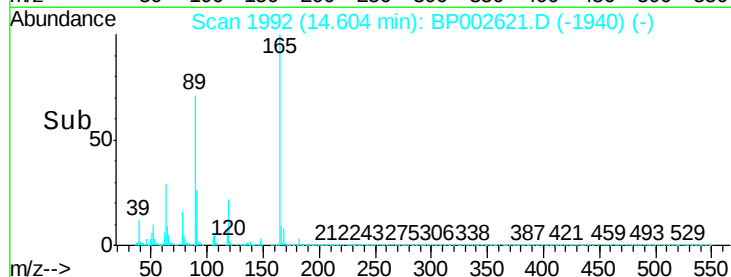
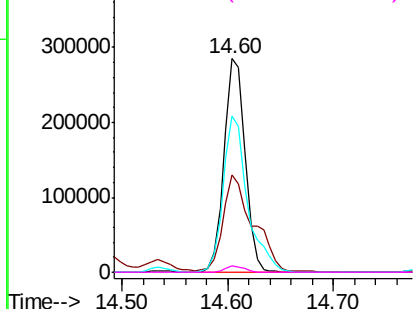
#57
2,4-Dinitrotoluene
Concen: 40.395 ng
RT: 14.60 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB129912BS

Tot Ion:165 Resp: 393146
Ion Ratio Lower Upper
165 100
63 45.6 37.3 55.9
89 73.4 59.4 89.0
182 2.7 2.2 3.2

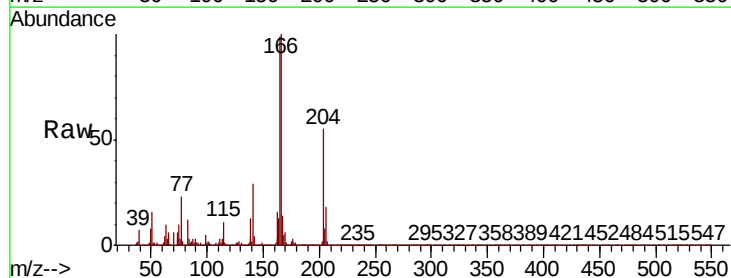


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

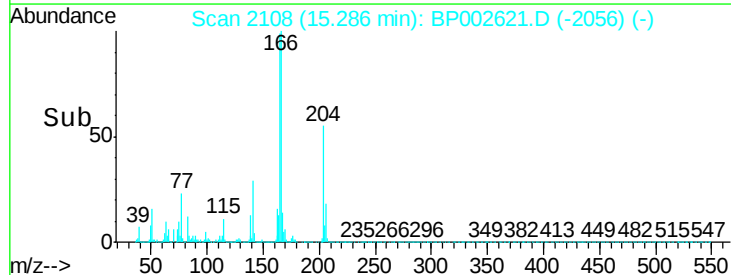
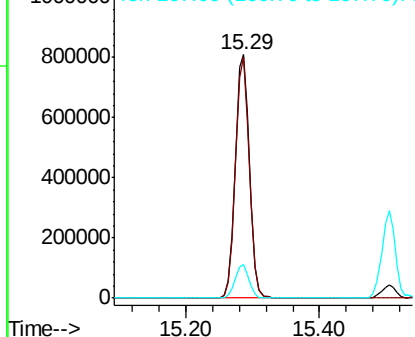


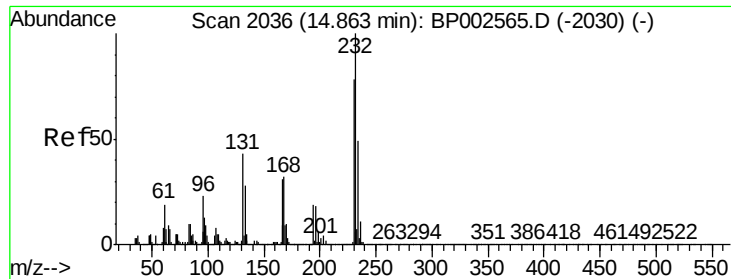
#58
Fluorene
Concen: 40.039 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:166 Resp: 1205067
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.9 10.8 16.2



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

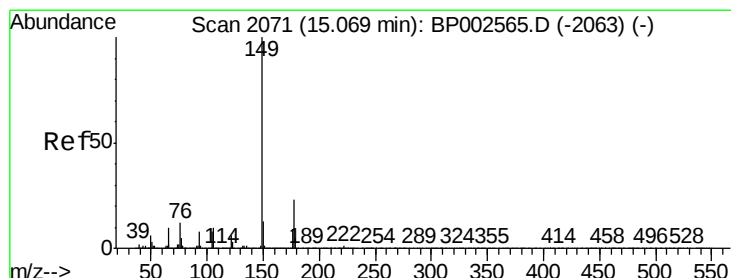
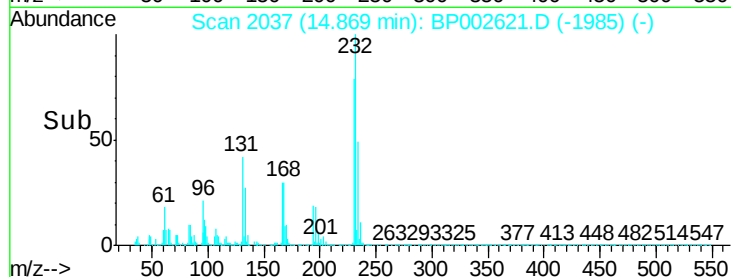
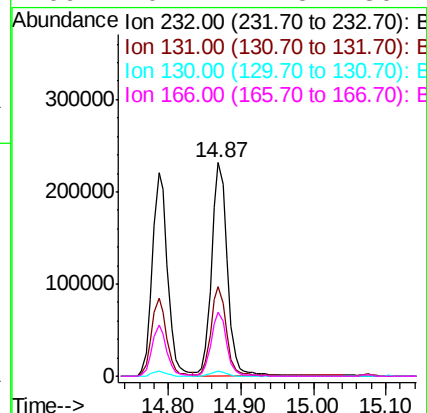
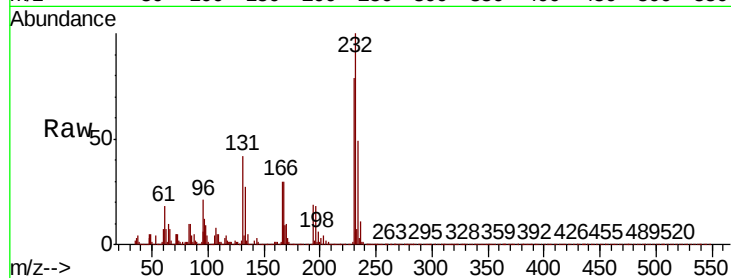




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.924 ng
RT: 14.87 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

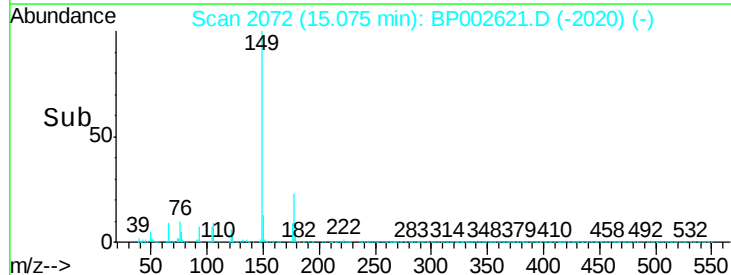
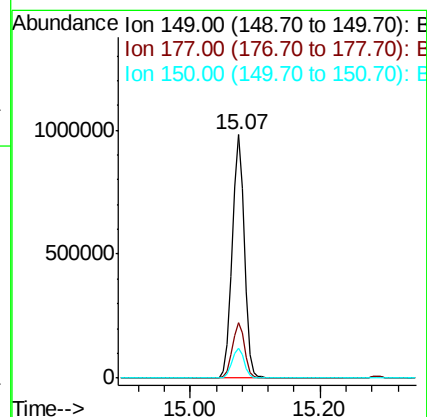
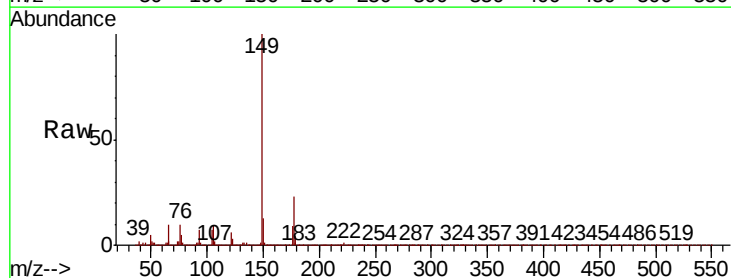
Instrument :
BNA_P
ClientSampleId :
PB129912BS

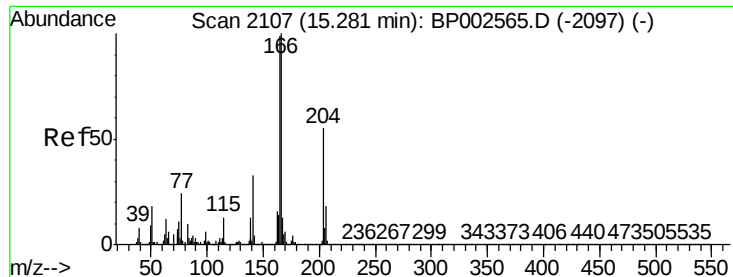
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.4	51.6
130	2.2	1.8	2.6
166	29.1	24.5	36.7



#60
Diethylphthalate
Concen: 38.029 ng
RT: 15.07 min Scan# 2072
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.6	27.8
150	12.5	10.2	15.2

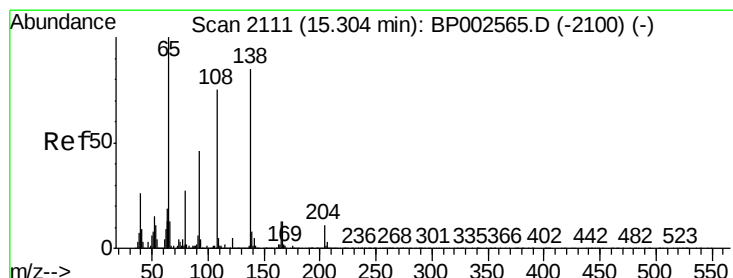
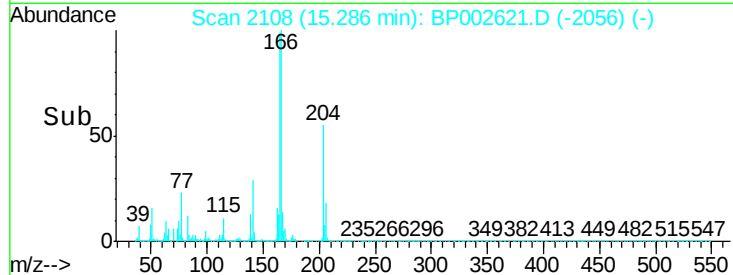
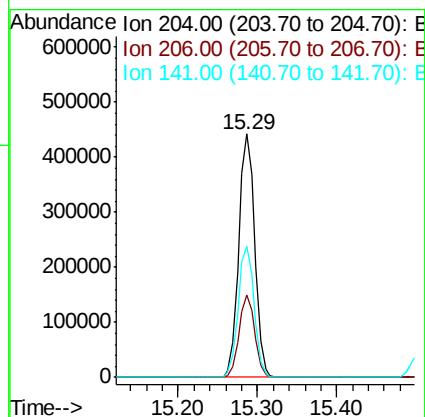
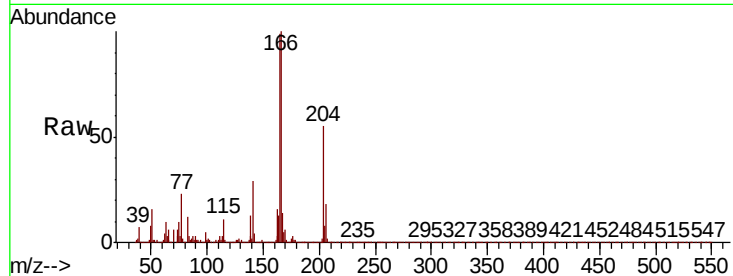




#61
4-Chlorophenyl-phenylether
Concen: 38.136 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

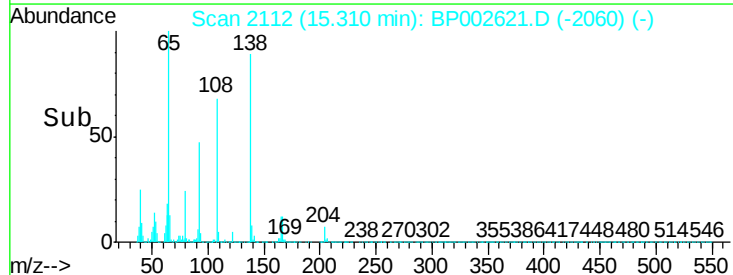
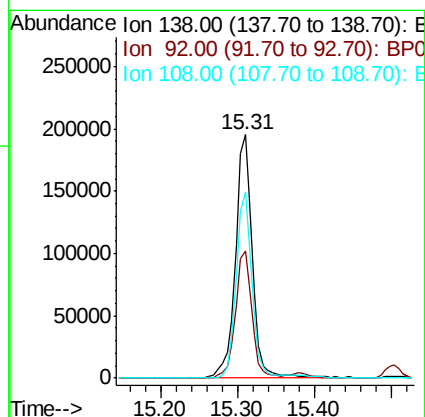
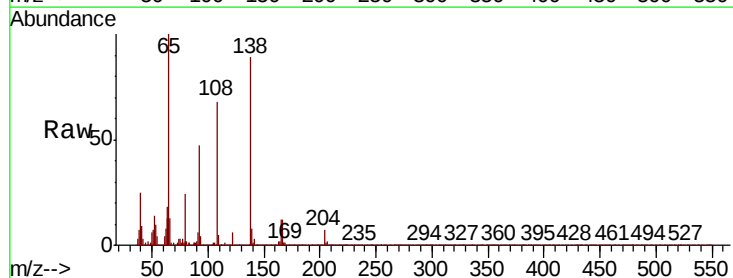
Instrument :
BNA_P
ClientSampleId :
PB129912BS

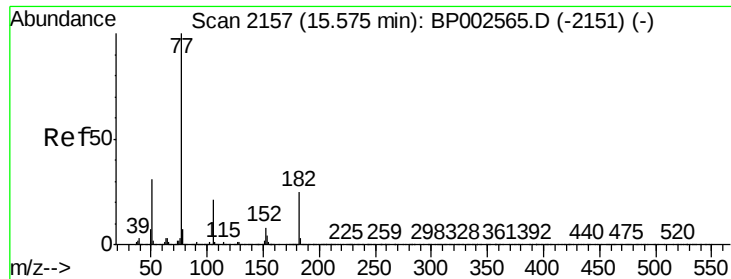
Tot Ion:204 Resp: 615536
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 53.6 47.7 71.5



#62
4-Nitroaniline
Concen: 38.251 ng
RT: 15.31 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:138 Resp: 301173
Ion Ratio Lower Upper
138 100
92 52.2 33.9 73.9
108 76.2 67.8 107.8





#63

Azobenzene

Concen: 41.890 ng

RT: 15.58 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

Tot Ion: 77 Resp: 1349251

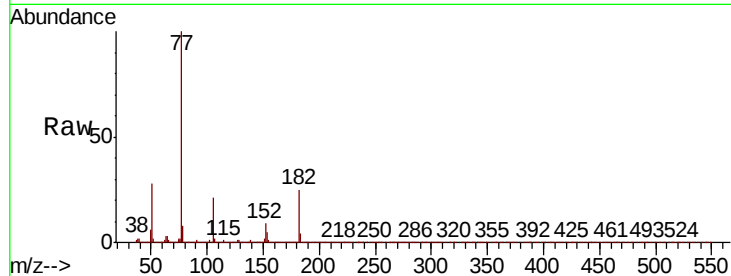
Ion Ratio Lower Upper

77 100

182 24.7 4.7 44.7

105 21.2 0.6 40.6

51 28.3 11.2 51.2



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

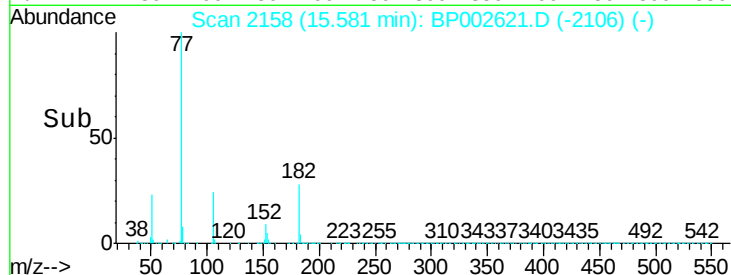
1500000

1000000

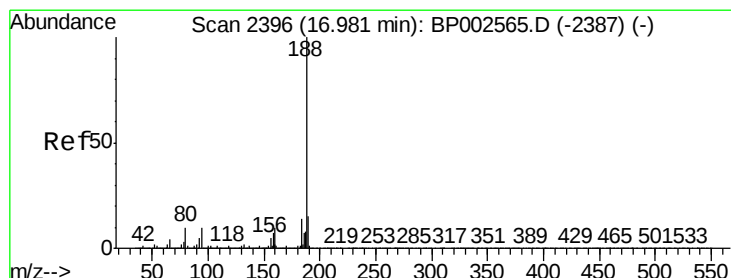
500000

0

15.50 15.60 15.70



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

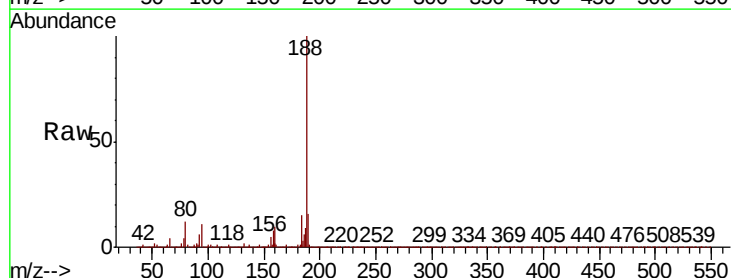
Tgt Ion: 188 Resp: 841547

Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.5 8.2 12.4



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

800000

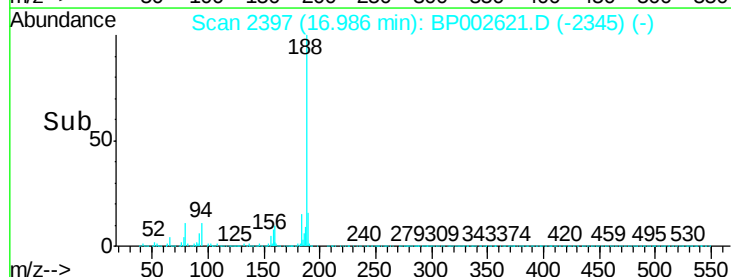
600000

400000

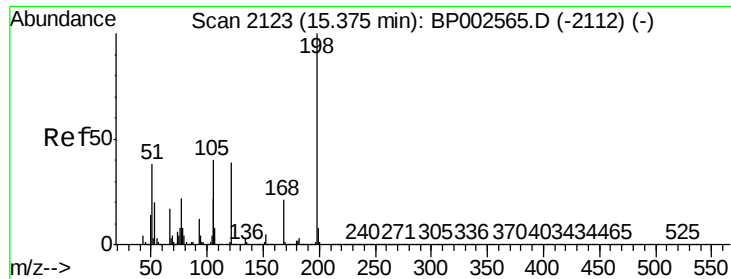
200000

0

16.90 17.00



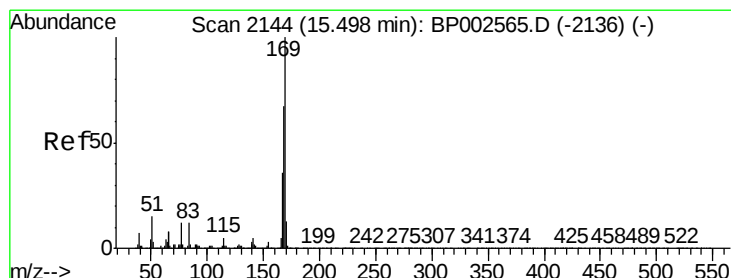
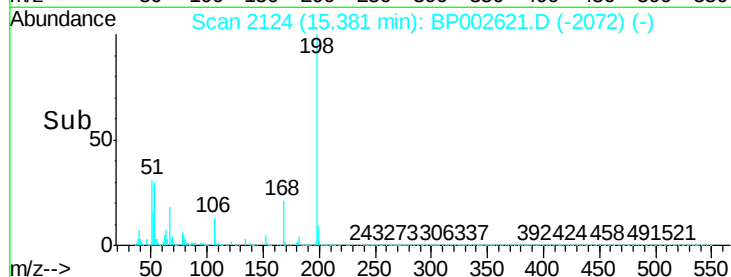
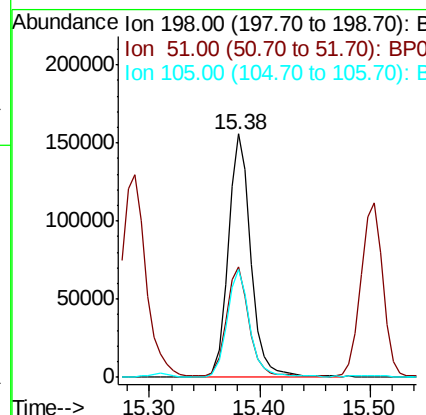
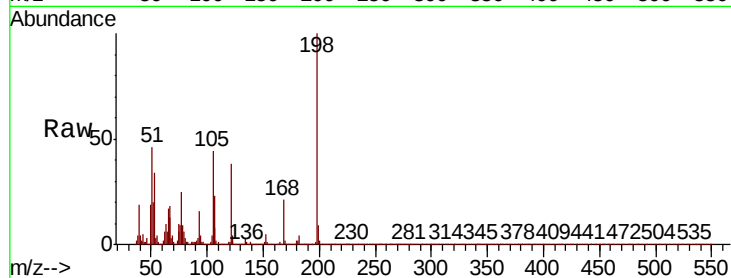
Time-->



#65
4,6-Dinitro-2-methylphenol
Concen: 41.595 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

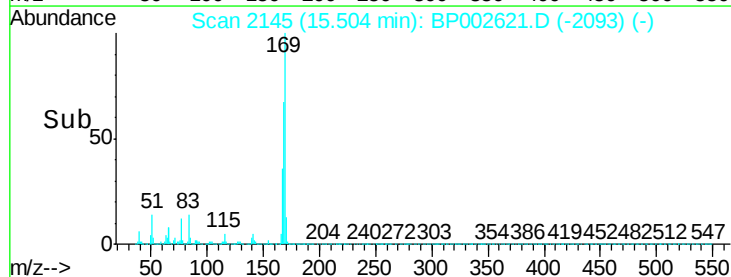
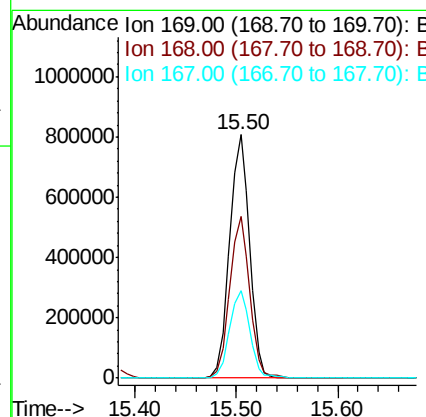
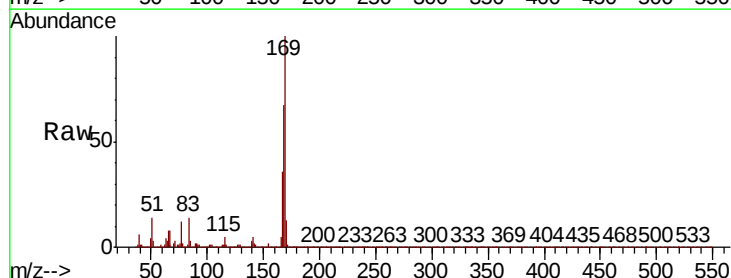
Instrument :
BNA_P
ClientSampleId :
PB129912BS

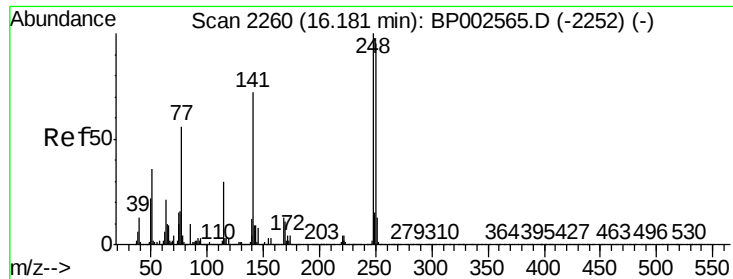
Tot Ion:198 Resp: 223221
Ion Ratio Lower Upper
198 100
51 45.6 24.2 64.2
105 44.4 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 44.779 ng
RT: 15.50 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:169 Resp: 1100081
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 36.0 29.1 43.7

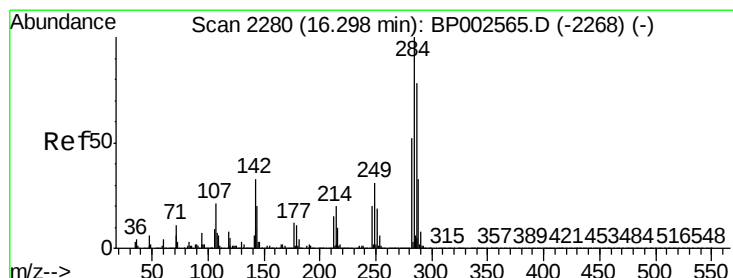
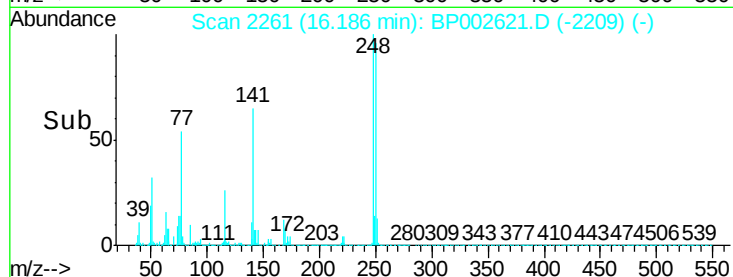
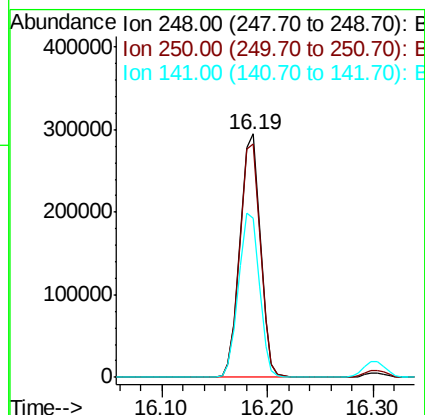
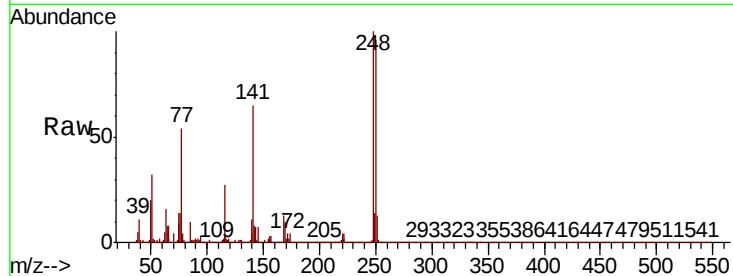




#67
4-Bromophenyl-phenylether
Concen: 41.283 ng
RT: 16.19 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

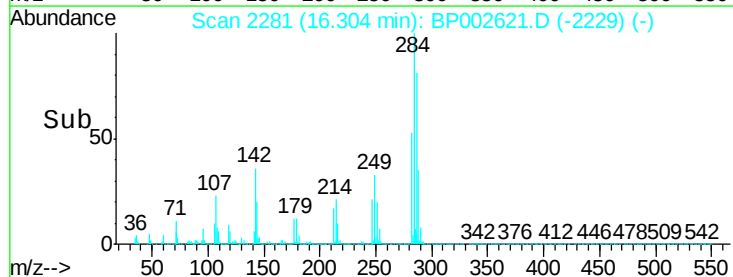
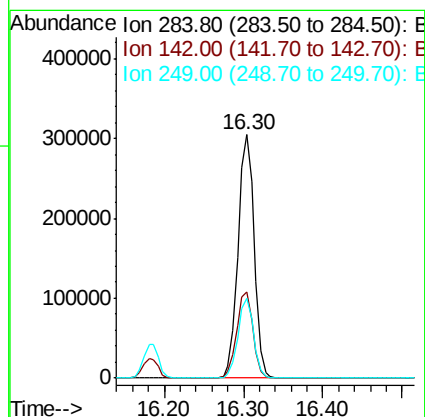
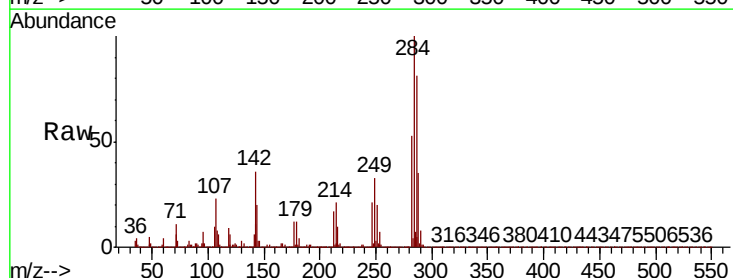
Instrument :
BNA_P
ClientSampleId :
PB129912BS

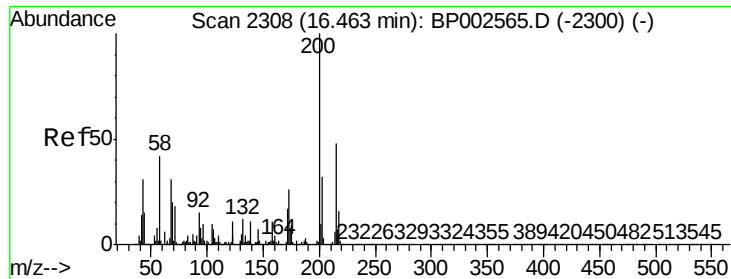
Tot Ion:248 Resp: 390410
Ion Ratio Lower Upper
248 100
250 95.9 76.1 114.1
141 65.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.140 ng
RT: 16.30 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:284 Resp: 426930
Ion Ratio Lower Upper
284 100
142 35.5 26.6 40.0
249 32.8 25.1 37.7





#69

Atrazine

Concen: 43.974 ng

RT: 16.47 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

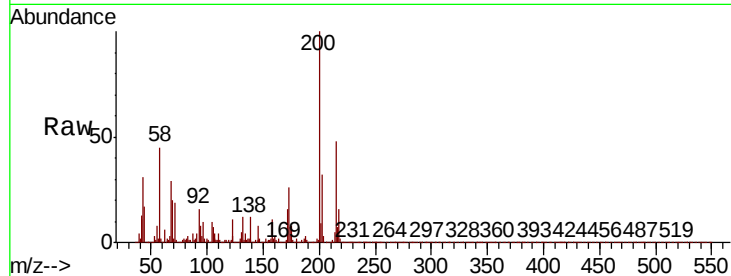
Tot Ion:200 Resp: 346640

Ion Ratio Lower Upper

200 100

173 25.9 6.3 46.3

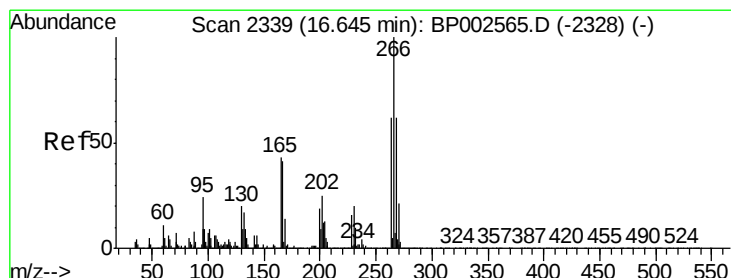
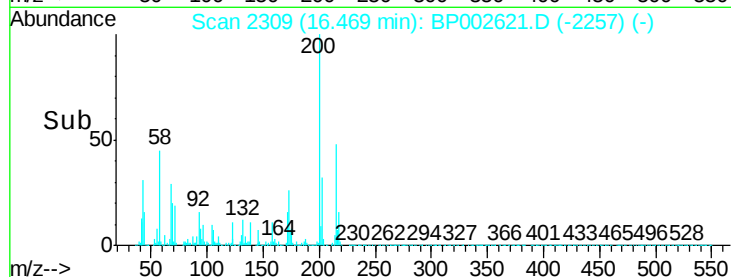
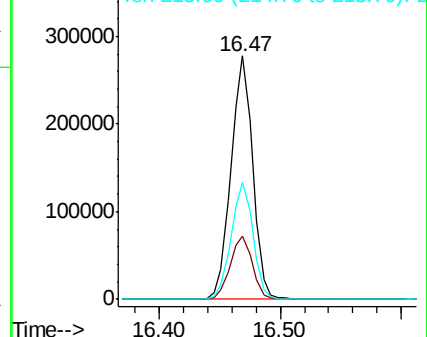
215 48.0 28.3 68.3



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: 78.322 ng

RT: 16.65 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

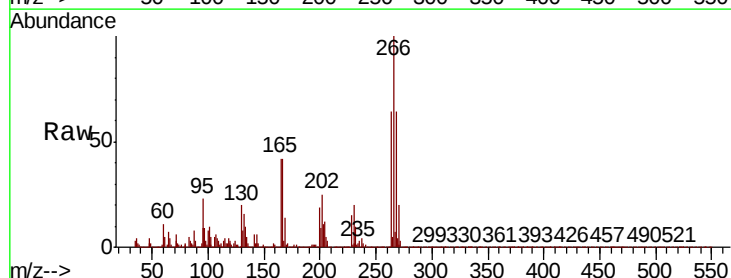
Tgt Ion:266 Resp: 453146

Ion Ratio Lower Upper

266 100

268 63.6 49.7 74.5

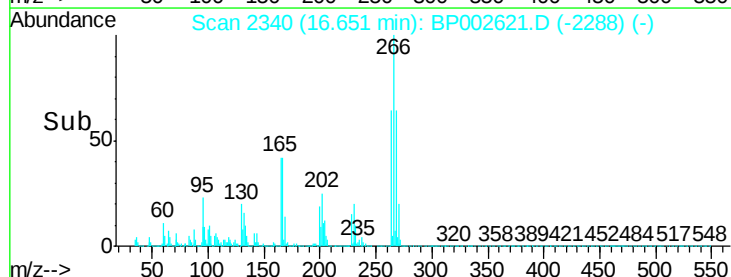
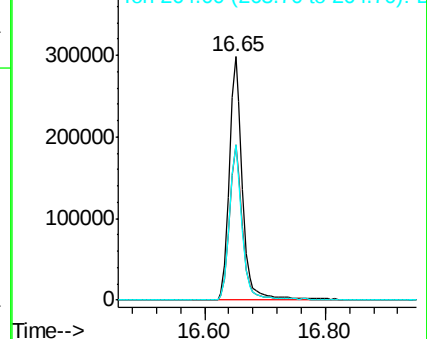
264 63.8 49.3 73.9

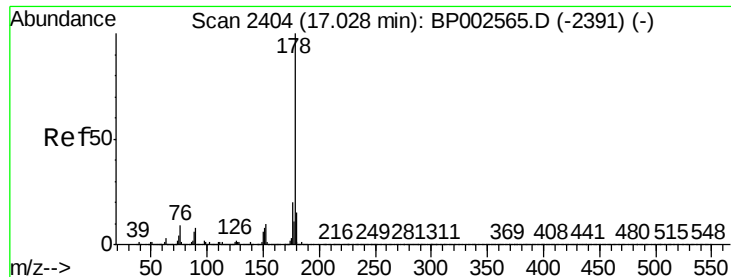


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.476 ng

RT: 17.03 min Scan# 2405

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

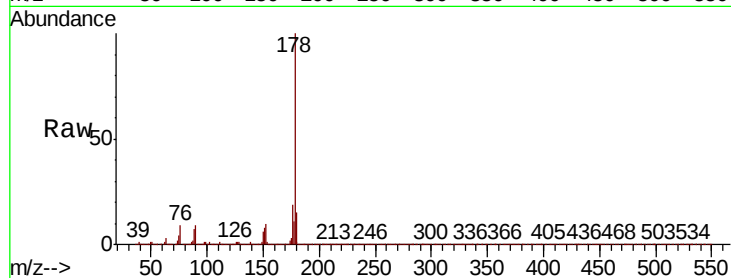
Tot Ion:178 Resp: 1923235

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

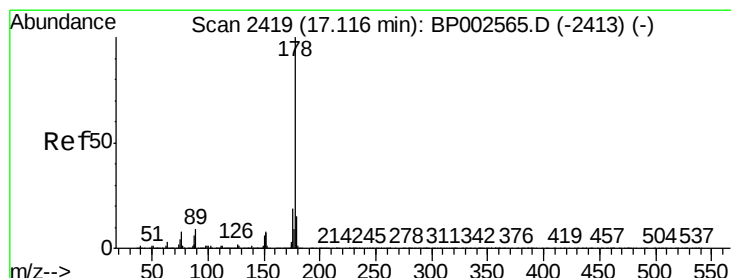
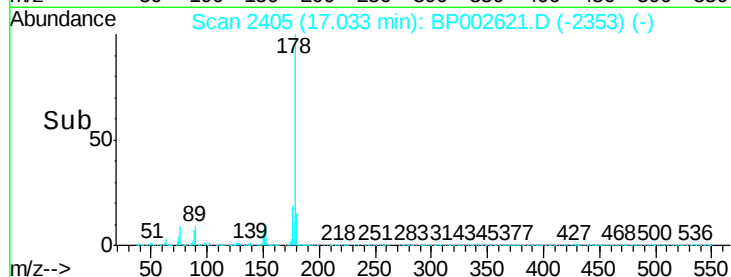
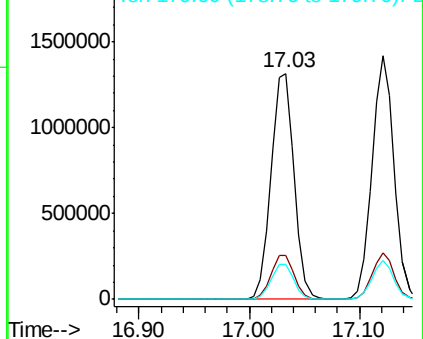
179 15.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.974 ng

RT: 17.12 min Scan# 2420

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

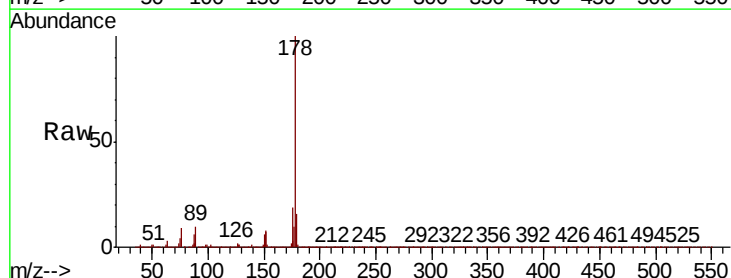
Tgt Ion:178 Resp: 1981337

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

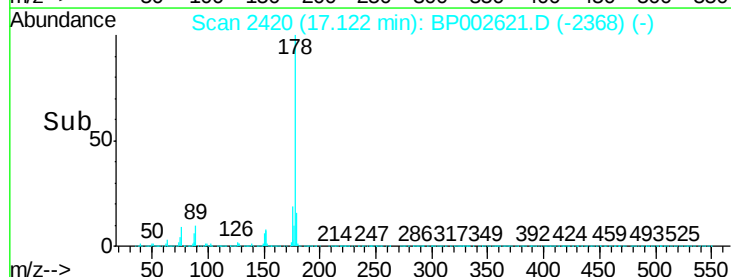
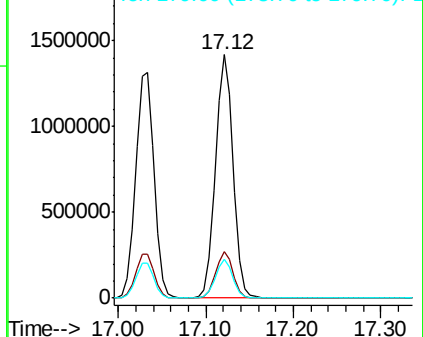
179 15.7 12.2 18.2

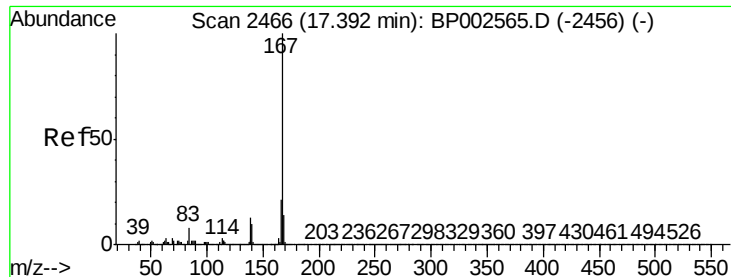


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.363 ng

RT: 17.40 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

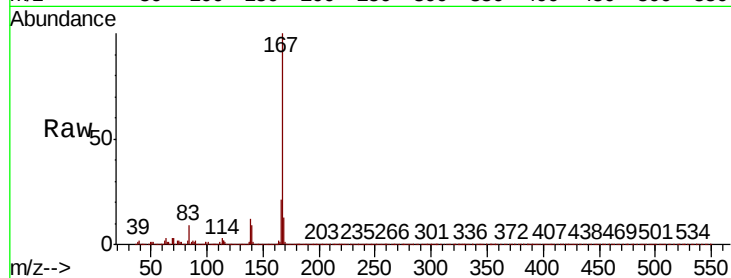
BNA_P

ClientSampleId :

PB129912BS

Tot Ion:167 Resp: 1801162

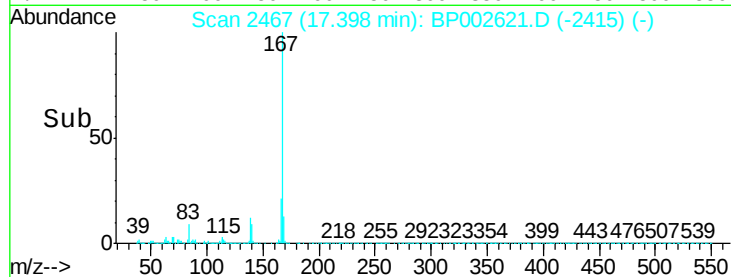
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.3	10.5	15.7



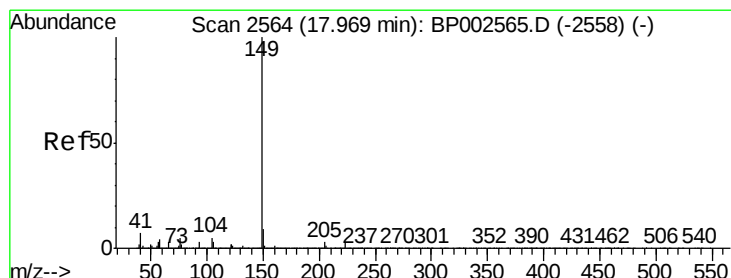
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.945 ng

RT: 17.97 min Scan# 2565

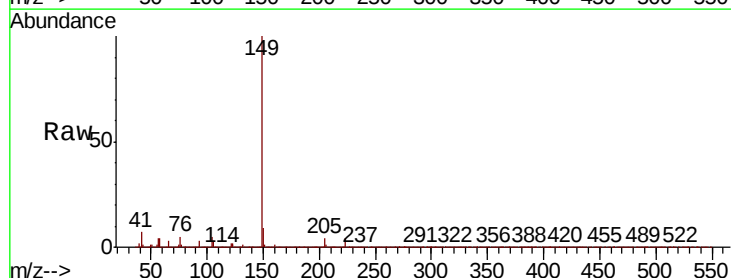
Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:149 Resp: 2099772

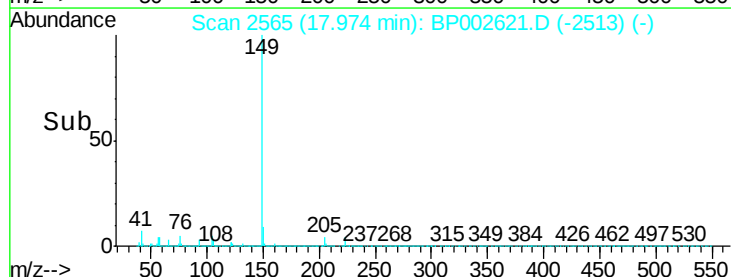
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.0	4.2	6.4



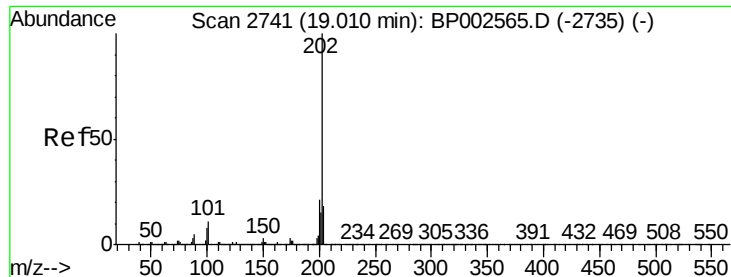
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 41.079 ng

RT: 19.02 min Scan# 2742

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

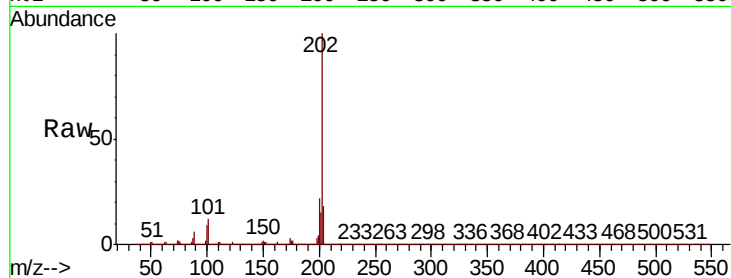
BNA_P

ClientSampleId :

PB129912BS

Tot Ion:202 Resp: 2251433

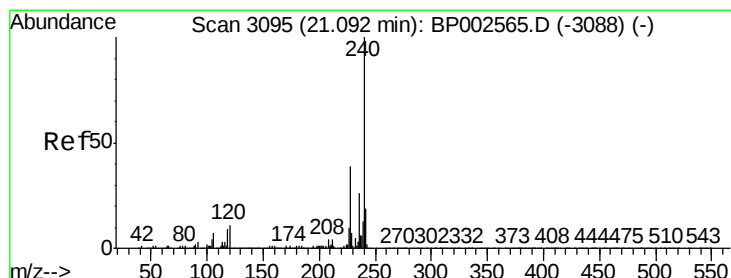
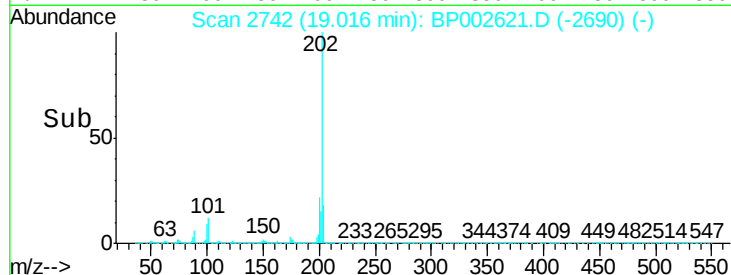
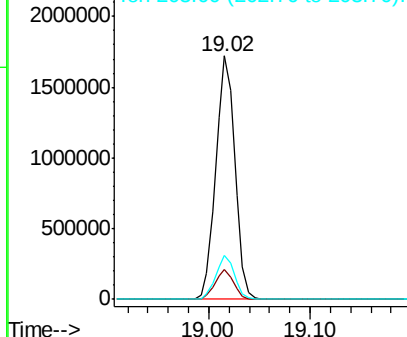
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.6
203	17.8	0.0	37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

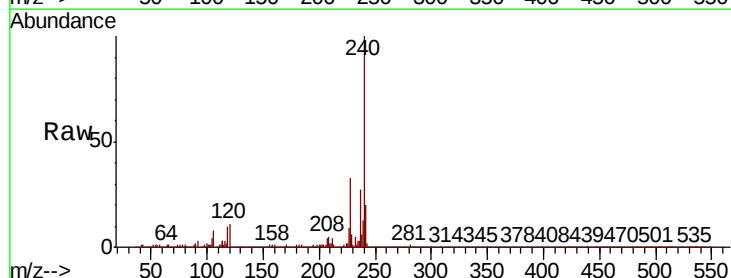
Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:240 Resp: 736923

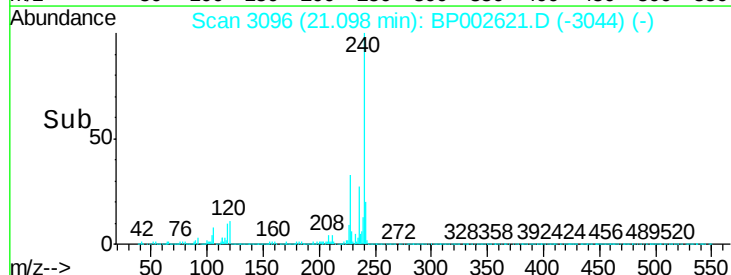
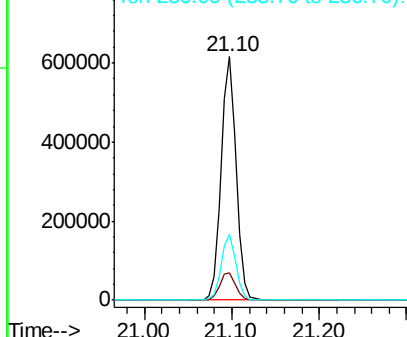
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	26.8	20.8	31.2

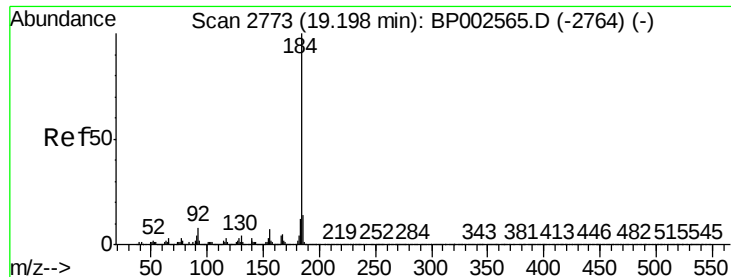


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

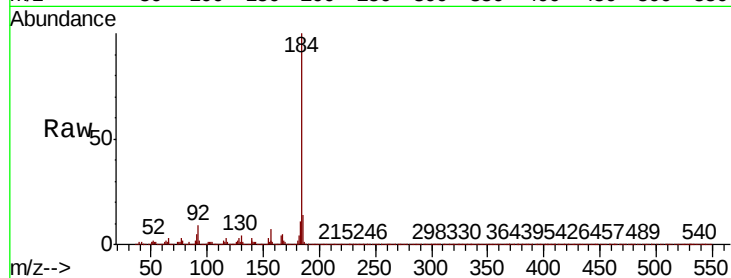
BNA_P

ClientSampleId :

PB129912BS

Tot Ion:184 Resp: 1275129

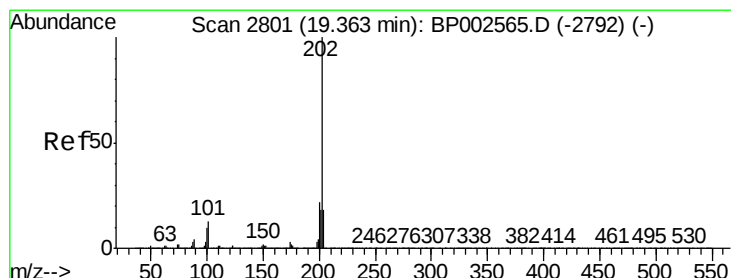
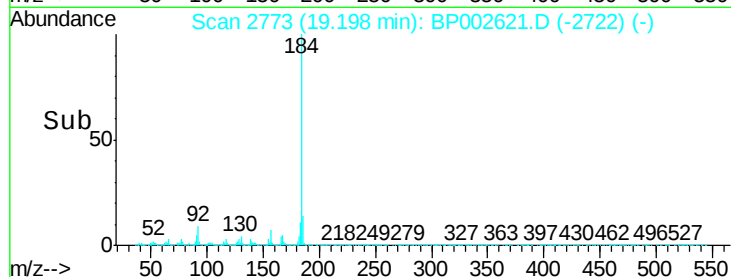
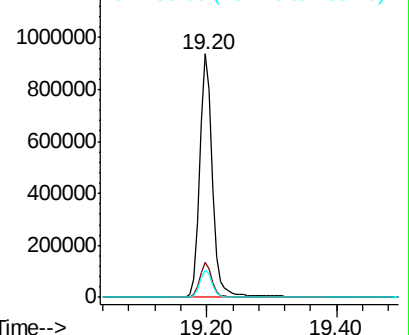
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.4	17.2
183	11.3	9.2	13.8



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: 44.555 ng

RT: 19.37 min Scan# 2802

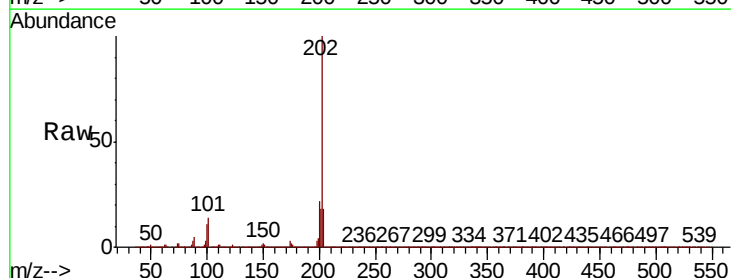
Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:202 Resp: 2234857

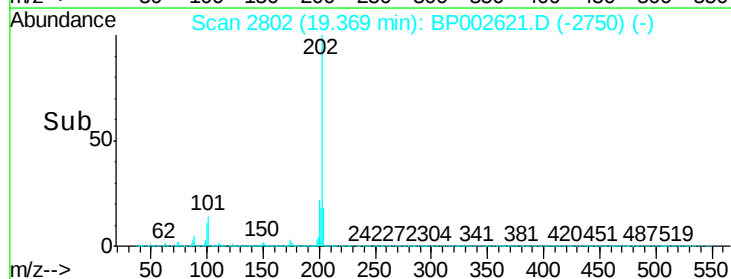
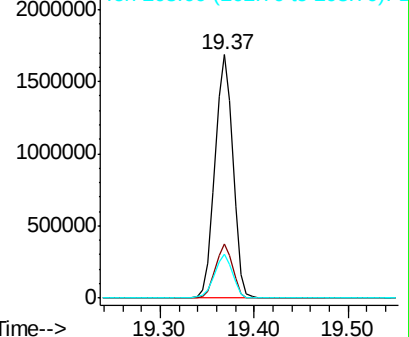
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.2	14.4	21.6

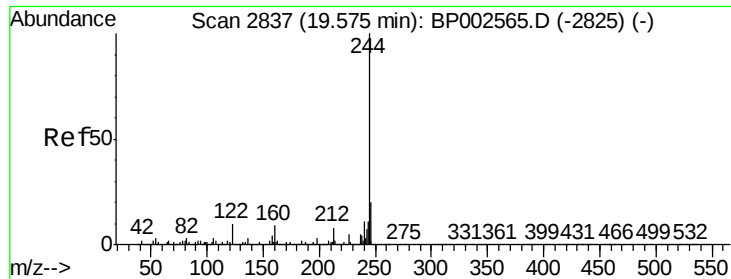


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.737 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

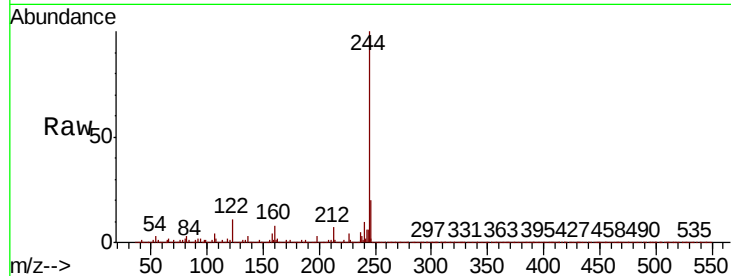
Tot Ion:244 Resp: 2995394

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

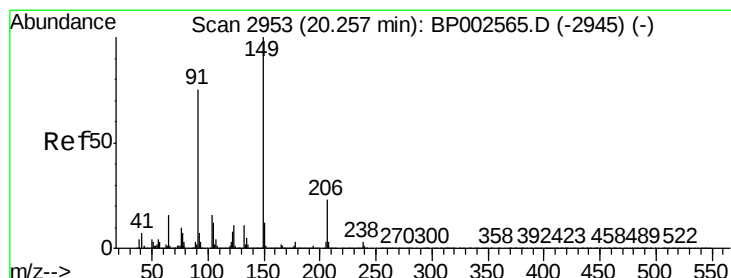
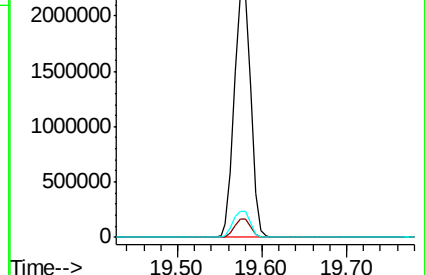
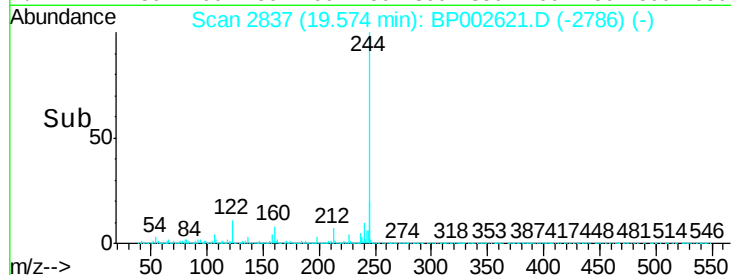
122 11.0 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.598 ng

RT: 20.26 min Scan# 2954

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

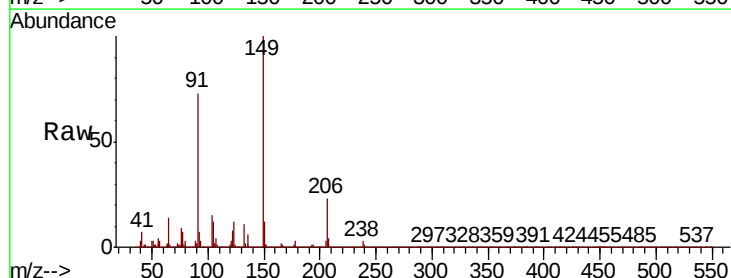
Tgt Ion:149 Resp: 932831

Ion Ratio Lower Upper

149 100

91 73.1 59.8 89.6

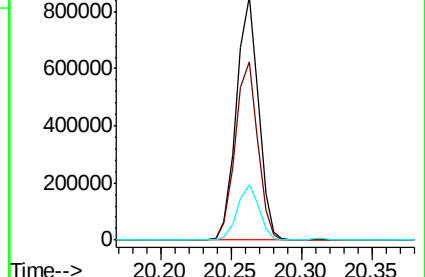
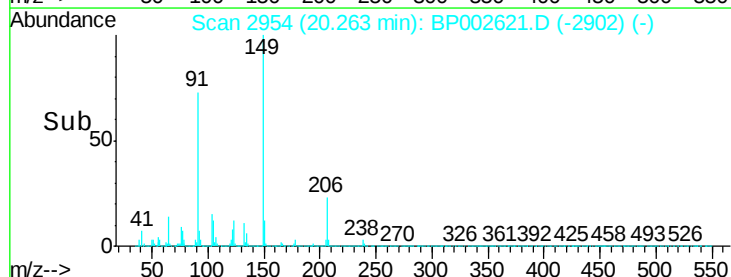
206 23.0 18.2 27.4

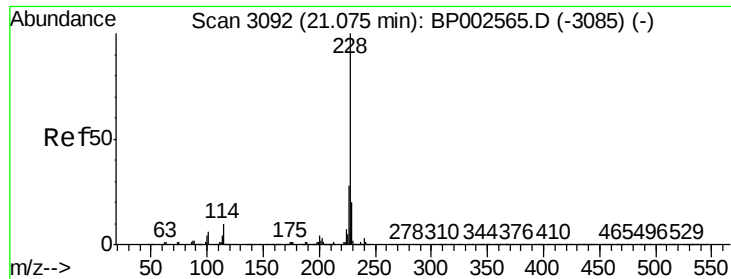


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

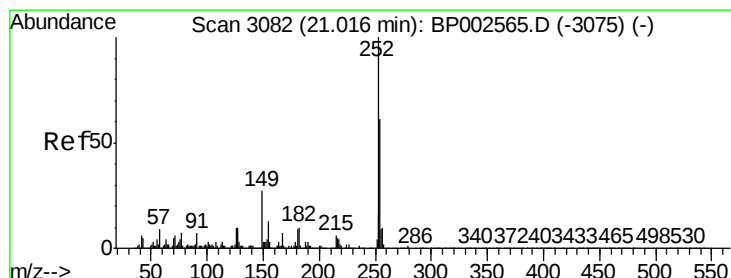
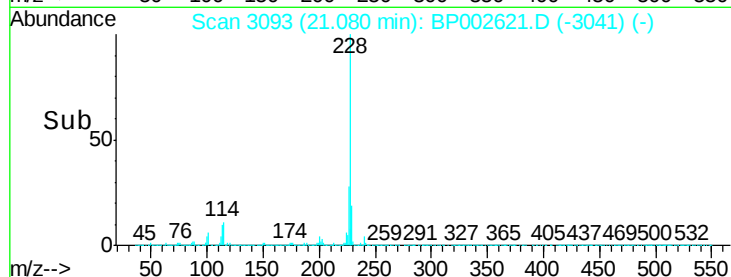
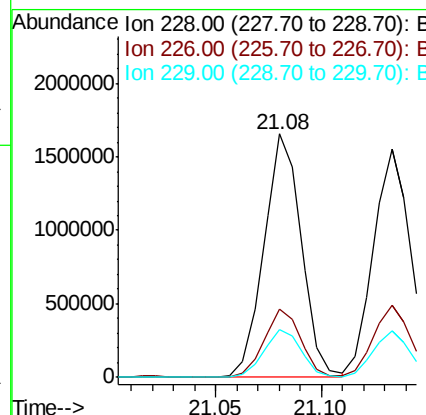
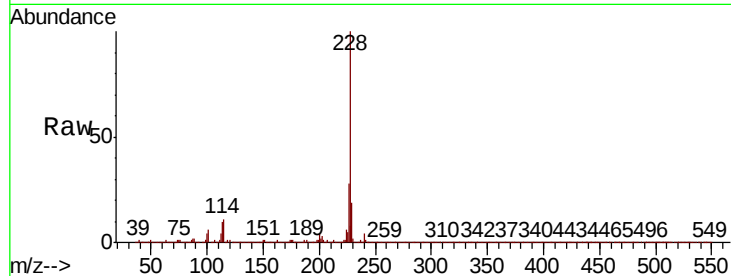




#81
Benzo(a)anthracene
Concen: 42.322 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

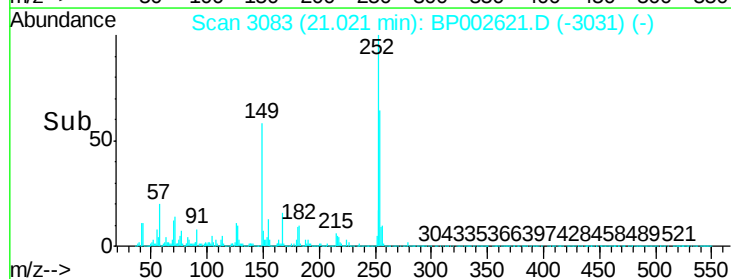
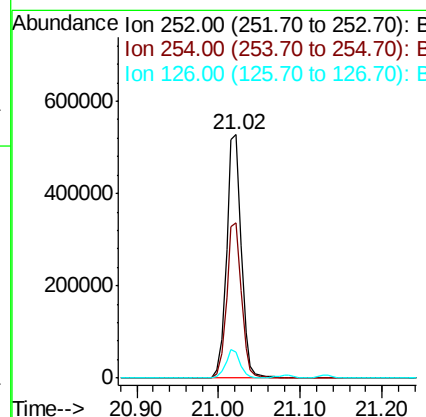
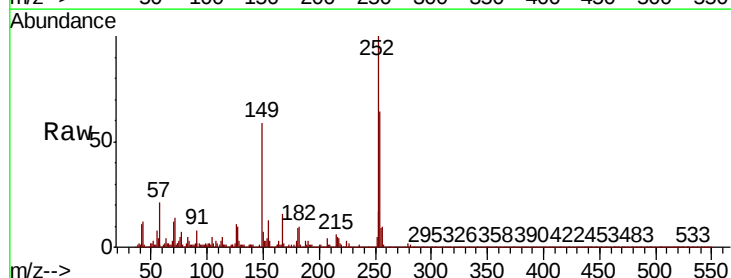
Instrument :
BNA_P
ClientSampleId :
PB129912BS

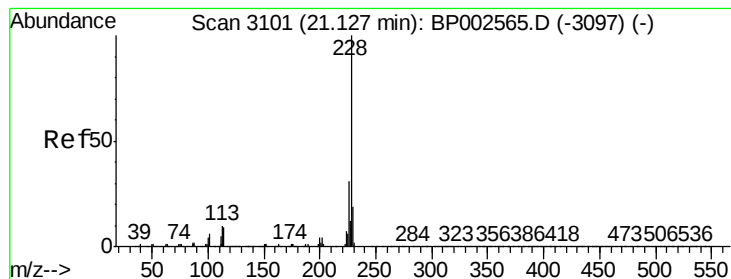
Tot Ion:228 Resp: 2038984
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 19.4 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 37.612 ng
RT: 21.02 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:252 Resp: 663411
Ion Ratio Lower Upper
252 100
254 63.6 49.0 73.6
126 10.7 7.9 11.9





#83

Chrysene

Concen: 41.542 ng

RT: 21.13 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

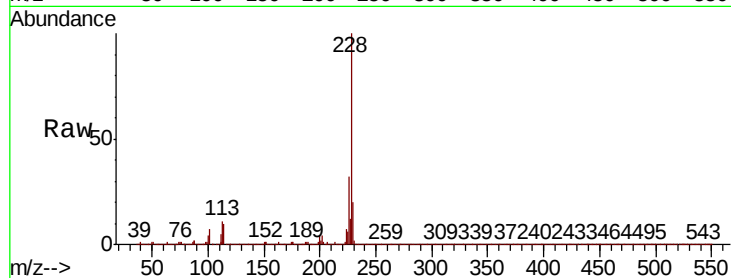
Tot Ion:228 Resp: 1919144

Ion Ratio Lower Upper

228 100

226 31.9 24.6 37.0

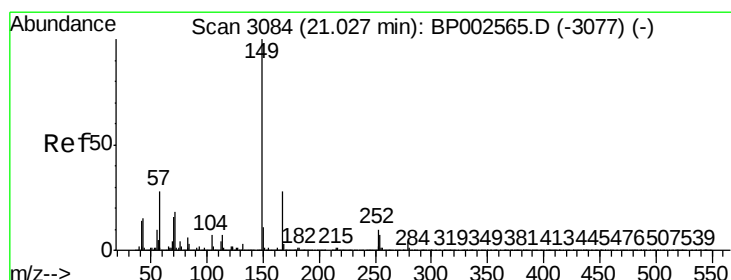
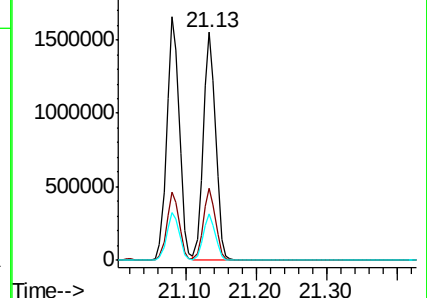
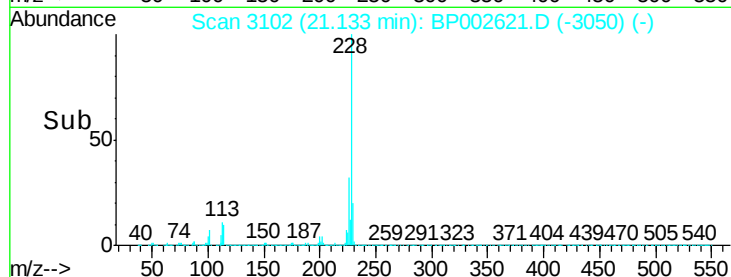
229 20.4 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.563 ng

RT: 21.03 min Scan# 3085

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

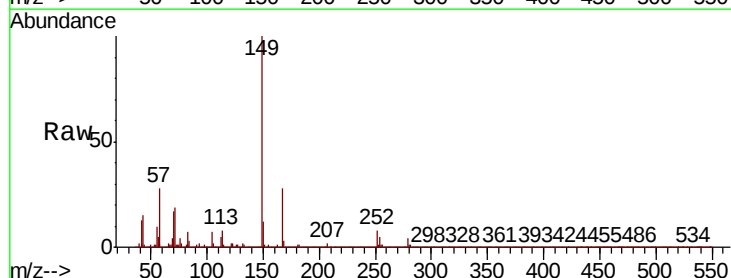
Tgt Ion:149 Resp: 1306956

Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

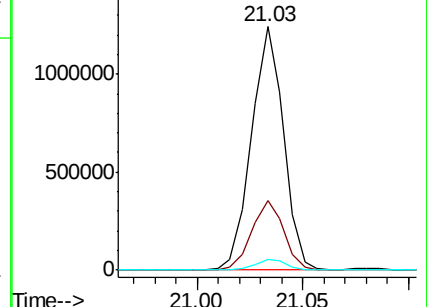
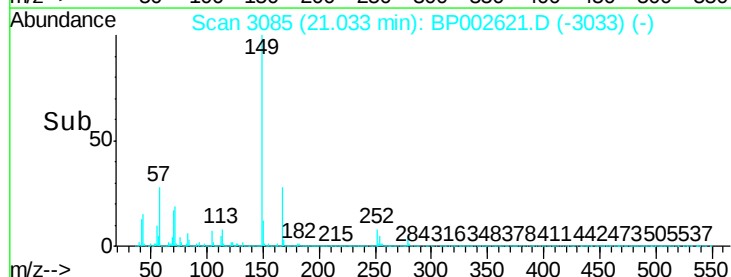
279 4.4 3.4 5.0



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





#85

Di-n-octyl phthalate

Concen: 41.898 ng

RT: 21.90 min Scan# 3232

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

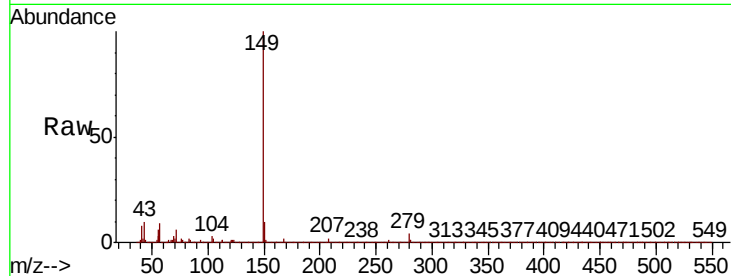
Tot Ion:149 Resp: 2326981

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

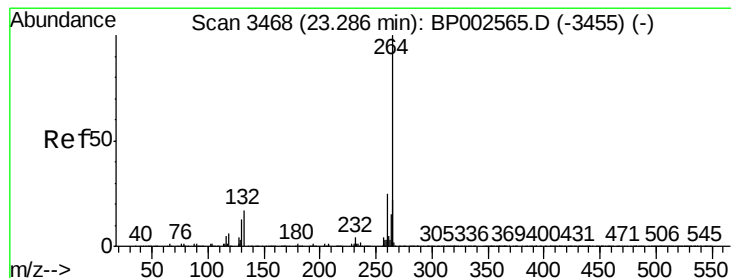
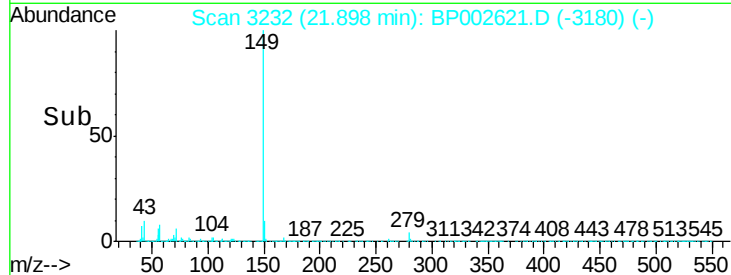
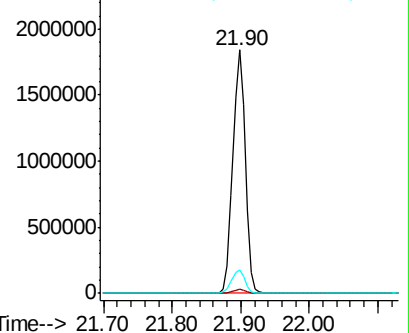
43 9.7 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

2500000 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: 23.30 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

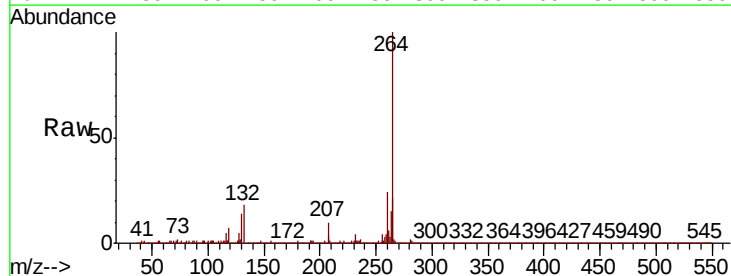
Tgt Ion:264 Resp: 814377

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

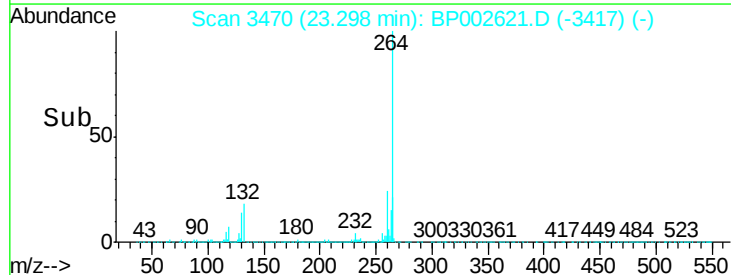
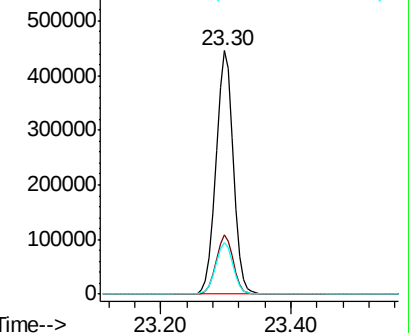
265 21.1 17.6 26.4

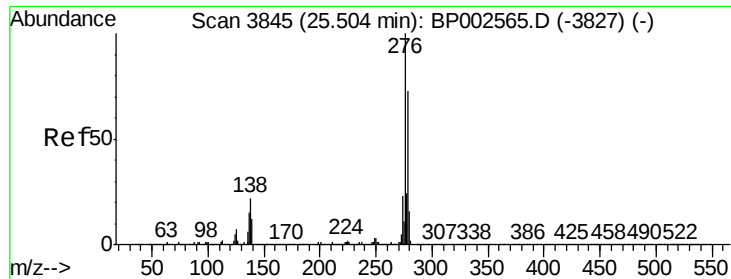


Abundance Ion 264.00 (263.70 to 264.70): E

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: 47.548 ng

RT: 25.53 min Scan# 3849

Delta R.T. 0.02 min

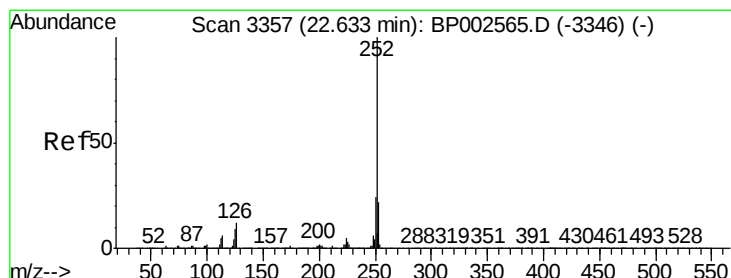
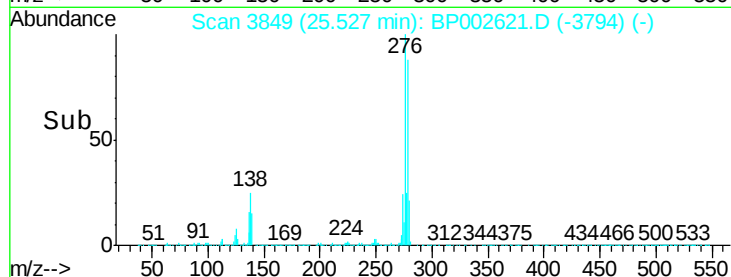
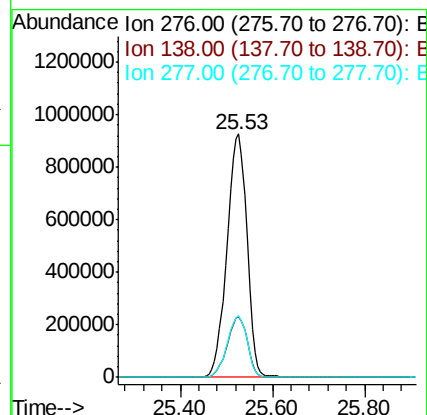
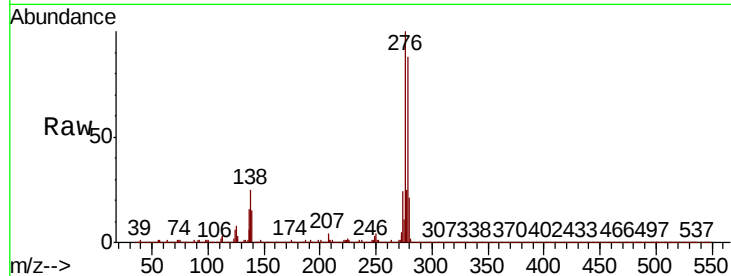
Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB129912BS

Tot Ion:276 Resp: 2788052

Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.6	27.8
277	25.2	20.1	30.1



#88

Benzo(b)fluoranthene

Concen: 41.832 ng

RT: 22.64 min Scan# 3359

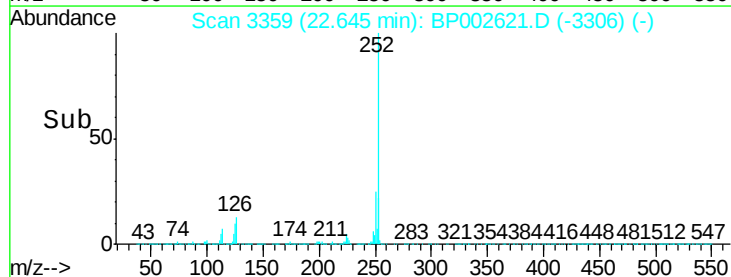
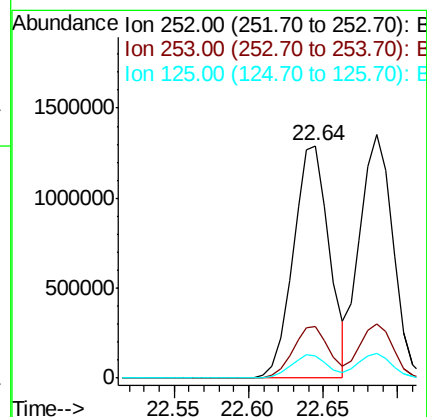
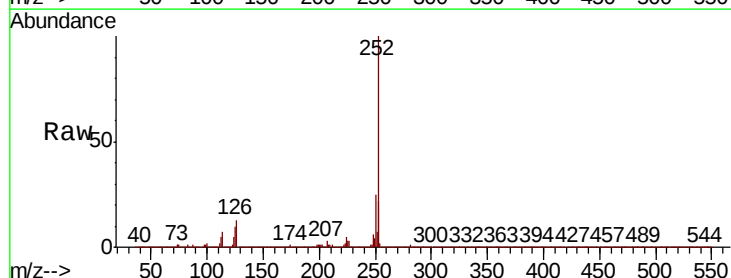
Delta R.T. 0.01 min

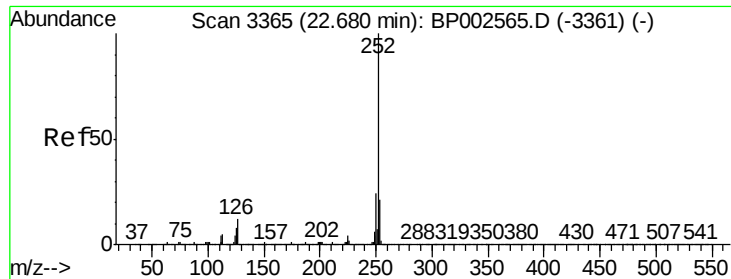
Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Tgt Ion:252 Resp: 2173805

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.7	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 43.236 ng

RT: 22.69 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB129912BS

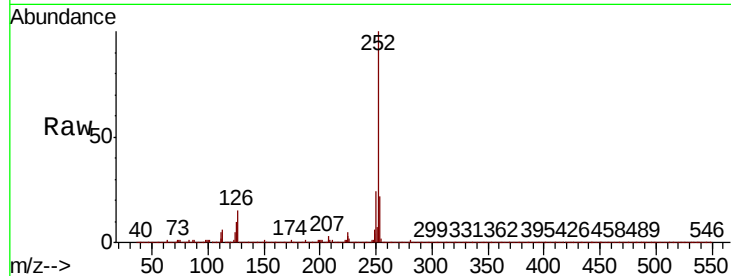
Tot Ion:252 Resp: 2096008

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

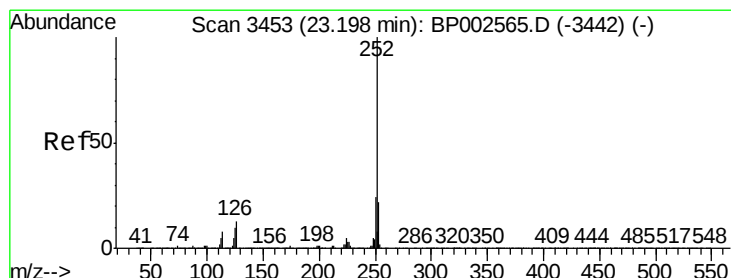
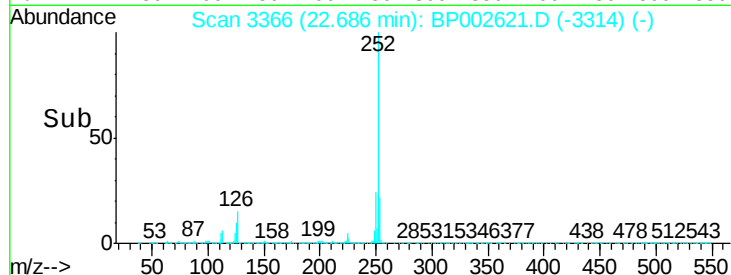
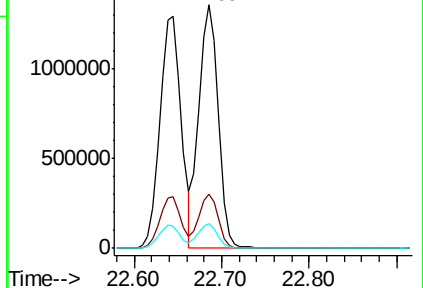
125 10.2 6.9 10.3



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



#90

Benzo(a)pyrene

Concen: 43.265 ng

RT: 23.20 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BP002621.D

Acq: 02 Jul 2020 09:31

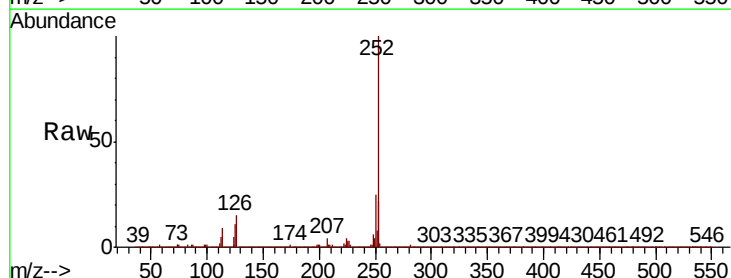
Tgt Ion:252 Resp: 2063161

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

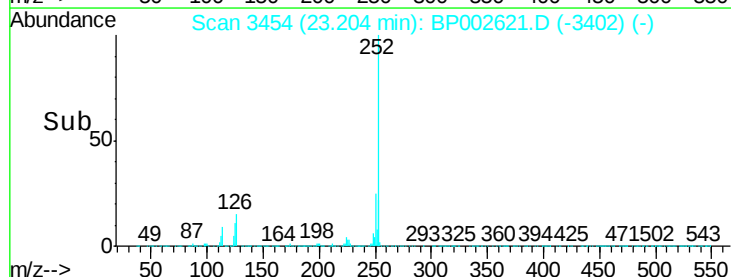
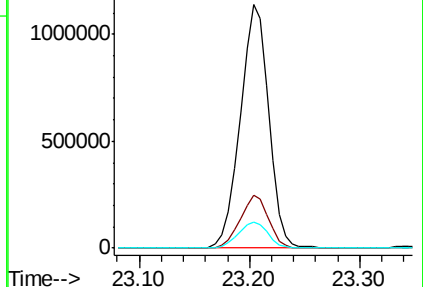
125 10.8 7.8 11.8

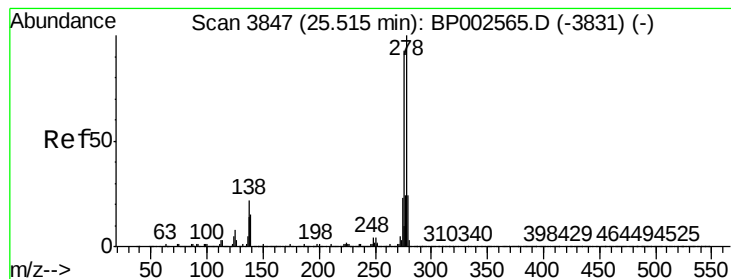


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

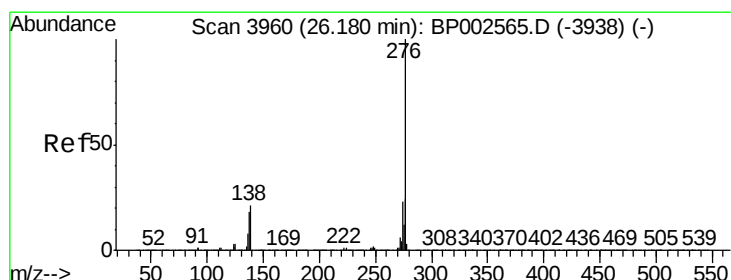
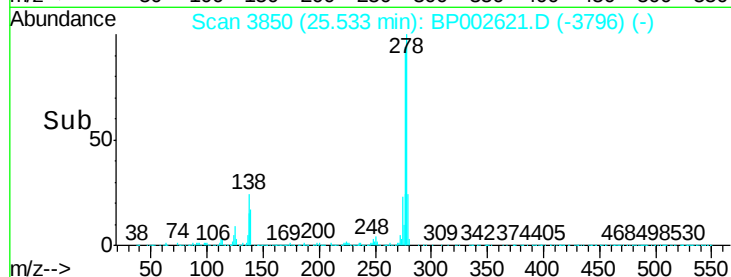
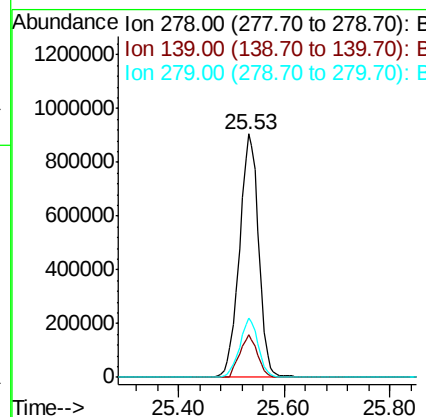
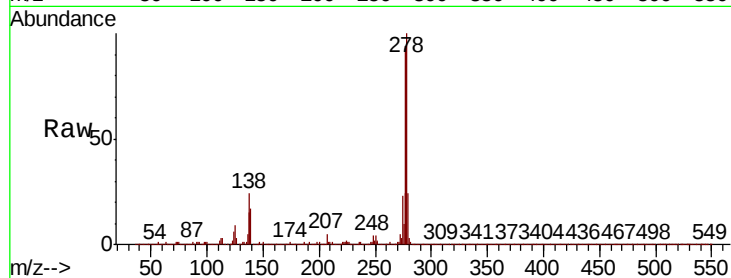




#91
Dibenzo(a,h)anthracene
Concen: 47.780 ng
RT: 25.53 min Scan# 3850
Delta R.T. 0.02 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB129912BS

Tot Ion:278 Resp: 2289321
Ion Ratio Lower Upper
278 100
139 17.3 12.2 18.2
279 24.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.215 ng
RT: 26.20 min Scan# 3963
Delta R.T. 0.02 min
Lab File: BP002621.D
Acq: 02 Jul 2020 09:31

Tgt Ion:276 Resp: 2310440
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 22.1 16.9 25.3

