

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002597.D
 Acq On : 01 Jul 2020 09:48
 Operator : CG/JU
 Sample : L2819-08MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MS

Quant Time: Jul 01 10:42:37 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	134219	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	476782	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	451038	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	806066	20.00	ng	0.00
76) Chrysene-d12	21.09	240	988567	20.00	ng	0.00
86) Perylene-d12	23.29	264	907223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1295457	163.42	ng	0.00
7) Phenol-d6	6.77	99	1710704	154.61	ng	0.00
23) Nitrobenzene-d5	8.72	82	1221854	132.04	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	613345	111.80	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2099357	68.51	ng	0.00
79) Terphenyl-d14	19.57	244	4321298	94.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	132575	39.020	ng	# 61
3) Pyridine	3.53	79	427466	42.450	ng	99
4) n-Nitrosodimethylamine	3.44	42	214843	50.262	ng	92
6) Aniline	6.90	93	766714	55.160	ng	99
8) 2-Chlorophenol	7.15	128	503883	57.221	ng	98
9) Benzaldehyde	6.72	77	213080	36.088	ng	99
10) Phenol	6.79	94	639726	57.334	ng	96
11) bis(2-Chloroethyl)ether	7.00	93	524800	57.305	ng	98
12) 1,3-Dichlorobenzene	7.46	146	502110	49.414	ng	99
13) 1,4-Dichlorobenzene	7.60	146	533644	51.549	ng	98
14) 1,2-Dichlorobenzene	7.92	146	538819	54.072	ng	99
15) Benzyl Alcohol	7.82	79	514582	61.894	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	714529	56.000	ng	98
17) 2-Methylphenol	8.03	107	481476	57.650	ng	97
18) Hexachloroethane	8.64	117	180552	48.324	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	428525	59.029	ng	99
20) 3+4-Methylphenols	8.36	107	649174	57.654	ng	99
22) Acetophenone	8.39	105	802767	66.522	ng	97
24) Nitrobenzene	8.76	77	587116	59.944	ng	100
25) Isophorone	9.28	82	1193820	64.370	ng	99
26) 2-Nitrophenol	9.46	139	287080	64.268	ng	97
27) 2,4-Dimethylphenol	9.55	122	477133	70.492	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	670479	62.935	ng	99
29) 2,4-Dichlorophenol	10.00	162	618857	79.333	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	500451	56.985	ng	98
31) Naphthalene	10.39	128	1233788	48.883	ng	99
32) Benzoic acid	9.72	122	213224	41.538	ng	98
33) 4-Chloroaniline	10.50	127	436249	39.515	ng	99
34) Hexachlorobutadiene	10.69	225	229458	42.687	ng	98
35) Caprolactam	11.28	113	62820	23.957	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	503241	58.860	ng	99
37) 2-Methylnaphthalene	12.02	142	976547	53.064	ng	99
38) 1-Methylnaphthalene	12.24	142	921710	53.179	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	484852	34.426	ng	99

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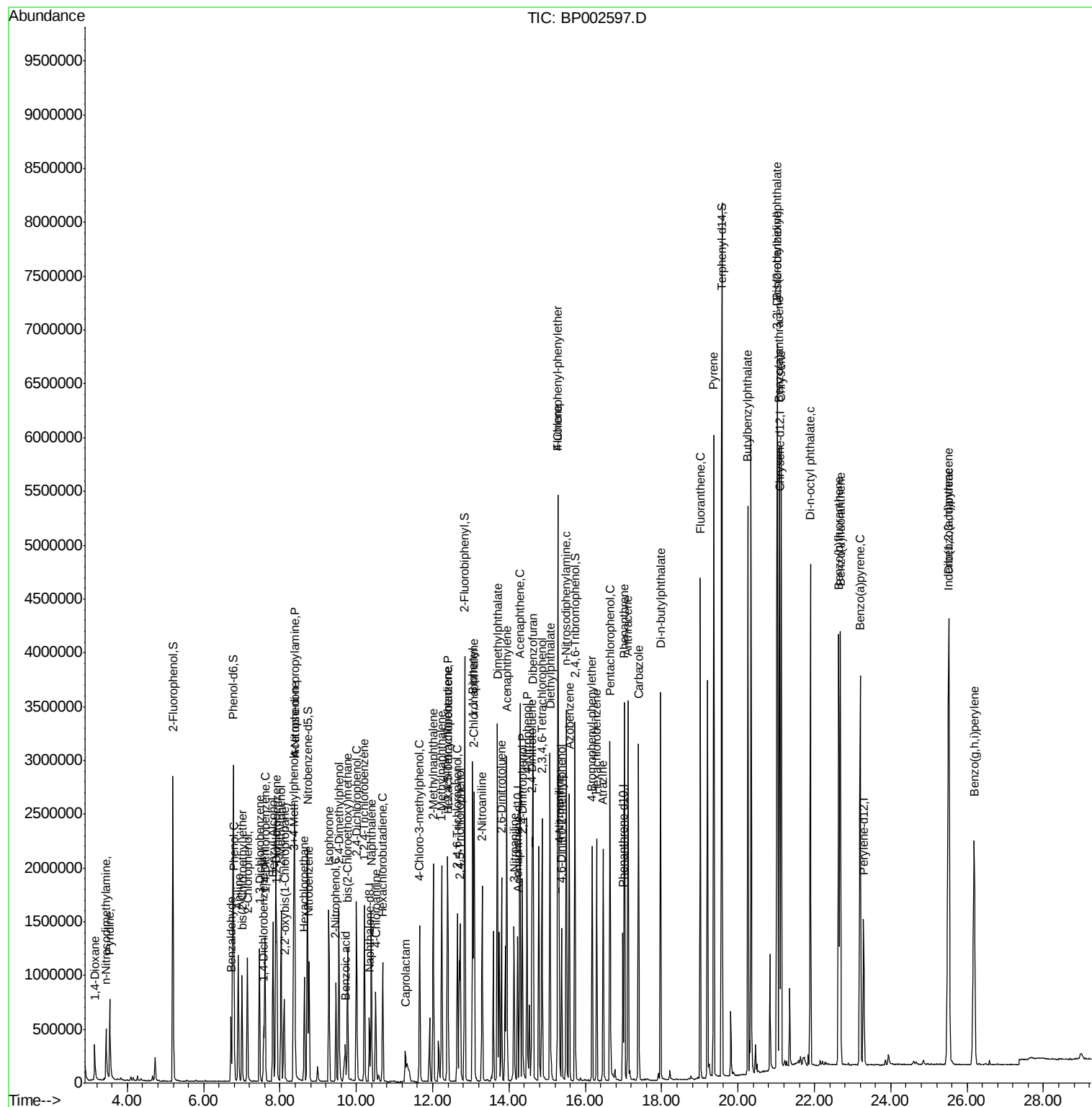
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	343599	48.558	nq	99
43) 2,4,6-Trichlorophenol	12.65	196	376428	39.502	nq	97
44) 2,4,5-Trichlorophenol	12.72	196	410468	37.418	nq	98
46) 1,1'-Biphenyl	13.05	154	1601624	46.944	nq	99
47) 2-Chloronaphthalene	13.09	162	1356032	48.826	nq	98
48) 2-Nitroaniline	13.29	65	512356	57.828	nq	95
49) Acenaphthylene	13.94	152	2136724	48.886	nq	99
50) Dimethylphthalate	13.69	163	2118987	59.815	nq	100
51) 2,6-Dinitrotoluene	13.80	165	404179	52.828	nq	96
52) Acenaphthene	14.29	154	1264031	49.016	nq	99
53) 3-Nitroaniline	14.13	138	388413	46.624	nq	97
54) 2,4-Dinitrophenol	14.35	184	443258	91.967	nq	92
55) Dibenzofuran	14.63	168	2139308	51.191	nq	99
56) 4-Nitrophenol	14.47	139	683880	103.261	nq	96
57) 2,4-Dinitrotoluene	14.60	165	601963	58.488	nq	96
58) Fluorene	15.28	166	1434058	45.056	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	492569	55.584	nq	99
60) Diethylphthalate	15.07	149	1724669	48.960	nq	100
61) 4-Chlorophenyl-phenylether	15.28	204	708703	41.521	nq	99
62) 4-Nitroaniline	15.31	138	450692	54.128	nq	93
63) Azobenzene	15.57	77	1546774	45.412	nq	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	309438	58.986	nq	97
66) n-Nitrosodiphenylamine	15.50	169	1309134	55.635	nq	99
67) 4-Bromophenyl-phenylether	16.18	248	414858	45.799	nq	98
68) Hexachlorobenzene	16.30	284	461445	47.552	nq	97
69) Atrazine	16.46	200	389615	51.601	nq	99
70) Pentachlorophenol	16.65	266	582978	104.285	nq	98
71) Phenanthrene	17.02	178	2168547	50.001	nq	99
72) Anthracene	17.12	178	2169402	50.267	nq	99
73) Carbazole	17.39	167	2104762	50.463	nq	100
74) Di-n-butylphthalate	17.97	149	2478930	50.466	nq	99
75) Fluoranthene	19.01	202	2737910	52.154	nq	100
77) Benzidine	19.20	184	2125032	Below Cal		100
78) Pyrene	19.36	202	3650511	54.252	nq	99
80) Butylbenzylphthalate	20.26	149	1479492	50.364	nq	98
81) Benzo(a)anthracene	21.08	228	3162972	48.940	nq	99
82) 3,3'-Dichlorobenzidine	21.02	252	1195270	50.516	nq	98
83) Chrysene	21.13	228	2945951	47.535	nq	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	2065934	48.976	nq	99
85) Di-n-octyl phthalate	21.89	149	3026546	40.622	nq	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	3217926	49.263	nq	99
88) Benzo(b)fluoranthene	22.63	252	3005909	51.925	nq	99
89) Benzo(k)fluoranthene	22.68	252	2760075	51.108	nq	98
90) Benzo(a)pyrene	23.20	252	2724256	51.282	nq	98
91) Dibenzo(a,h)anthracene	25.53	278	2599432	48.700	nq	99
92) Benzo(g,h,i)perylene	26.19	276	2672098	50.056	nq	99

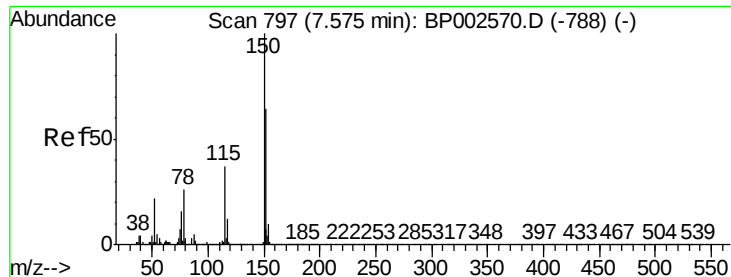
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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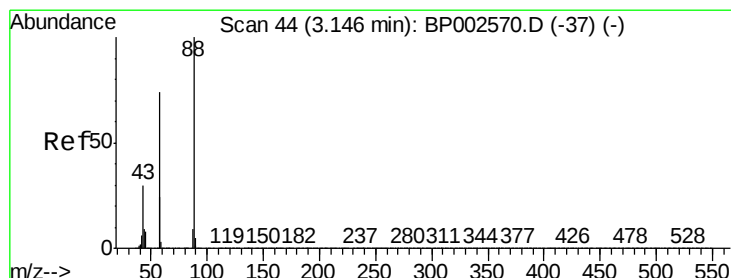
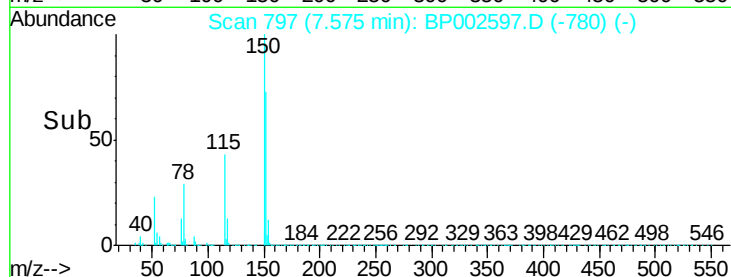
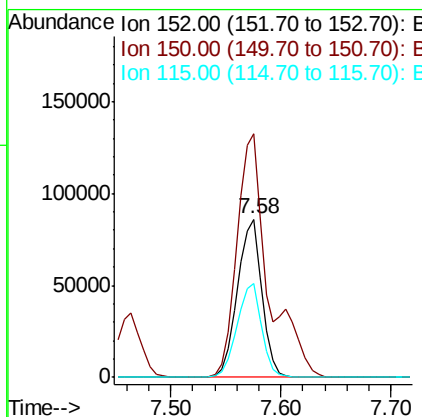
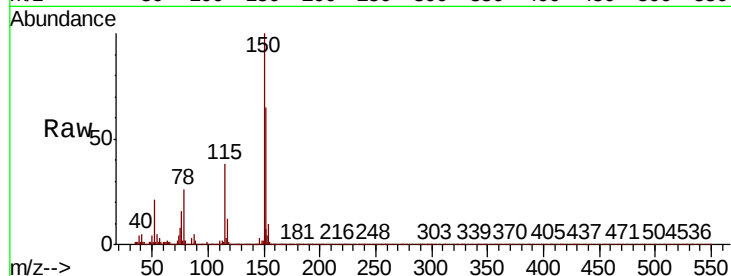


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 797
Delta R.T. 0.00 min
Lab File: BP002597.D
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Instrument :
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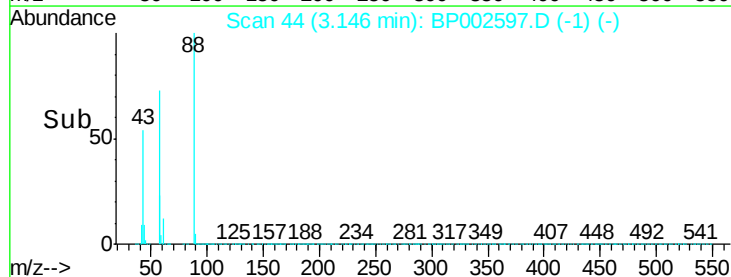
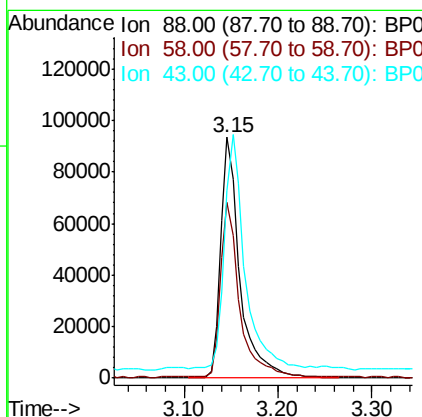
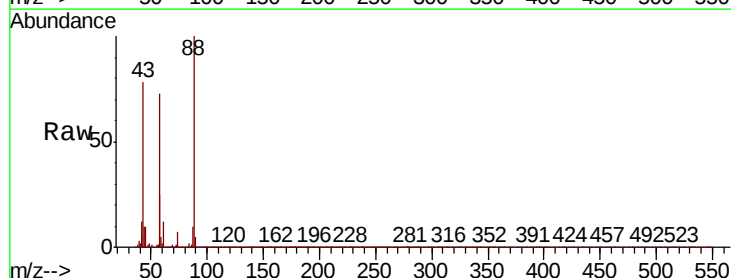
Tot Ion	152	Resp	134219
Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	59.2	47.1	70.7

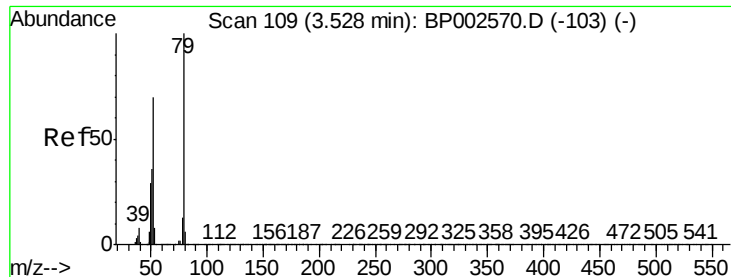


#2

1,4-Dioxane
Concen: 39.020 ng
RT: 3.15 min Scan# 44
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion	88	Resp	132575
Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.1	87.1
43	101.7	23.2	34.8





#3

Pvridine

Concen: 42.450 ng

RT: 3.53 min Scan# 110

Delta R.T. 0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

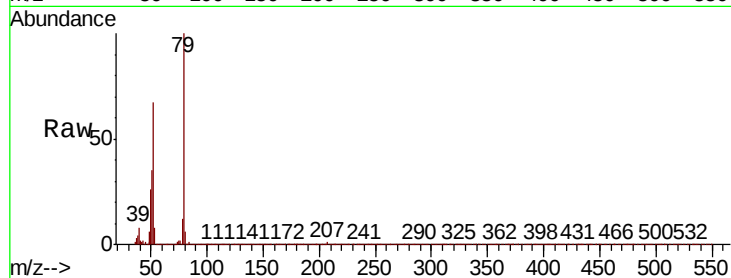
BNA_P

ClientSampleId :

BU-03-062620MS

Tot Ion: 79 Resp: 427466

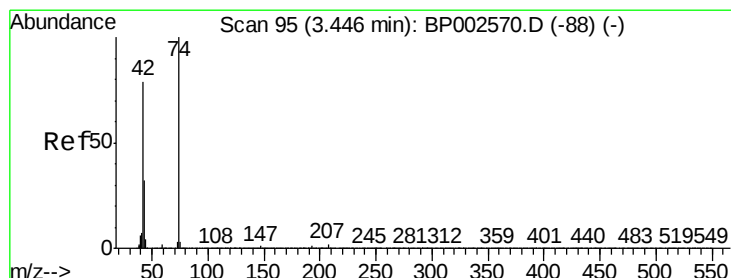
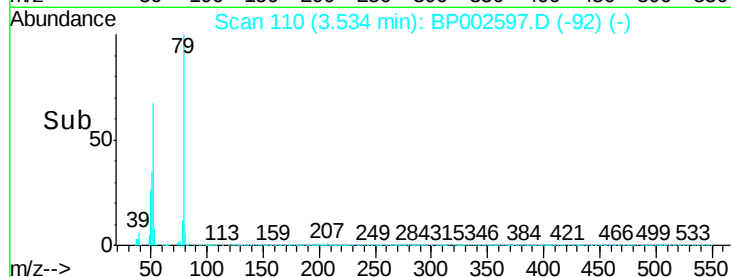
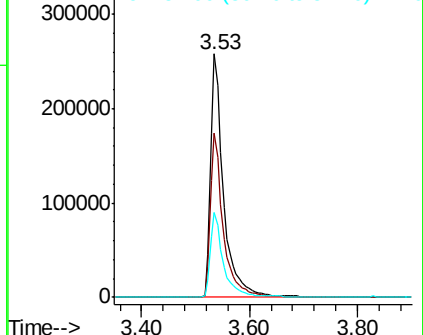
Ion	Ratio	Lower	Upper
79	100		
52	67.3	54.5	81.7
51	34.9	27.8	41.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 50.262 ng

RT: 3.44 min Scan# 94

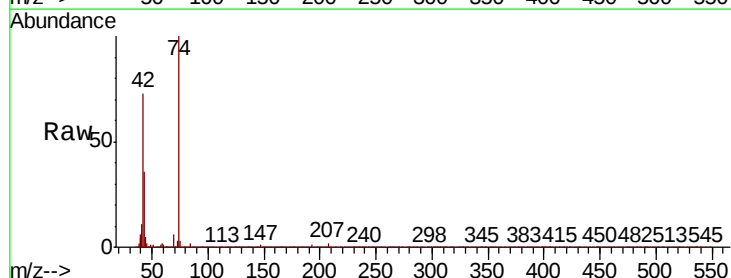
Delta R.T. -0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Tgt Ion: 42 Resp: 214843

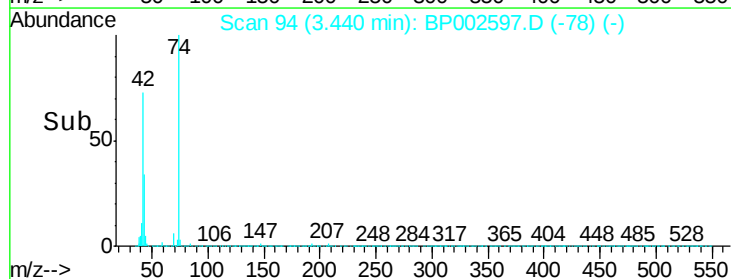
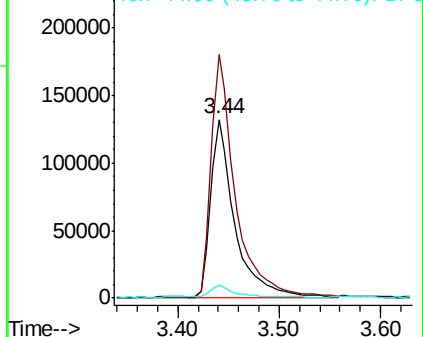
Ion	Ratio	Lower	Upper
42	100		
74	136.1	101.7	152.5
44	7.3	4.9	7.3

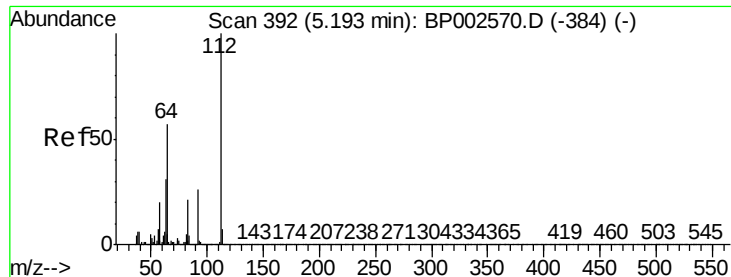


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 163.416 ng

RT: 5.19 min Scan# 392

Delta R.T. 0.00 min

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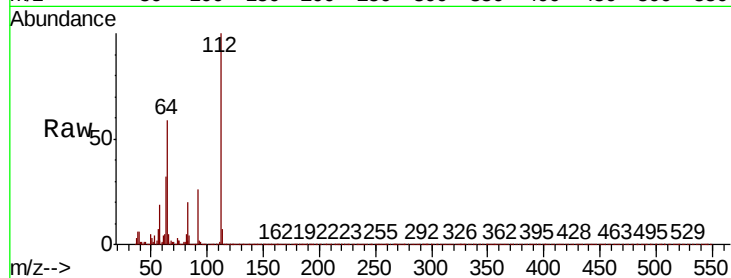
Tot Ion:112 Resp: 1295457

Ion Ratio Lower Upper

112 100

64 59.4 47.0 70.6

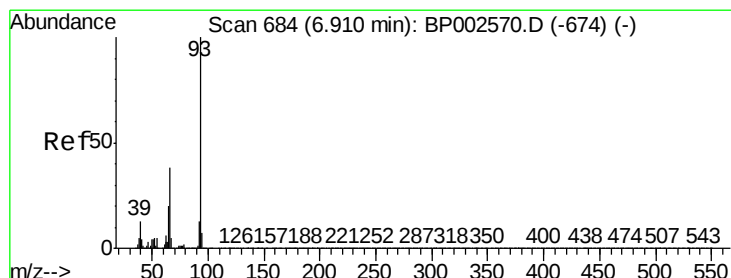
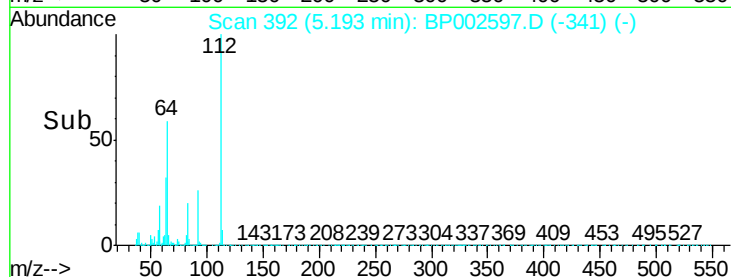
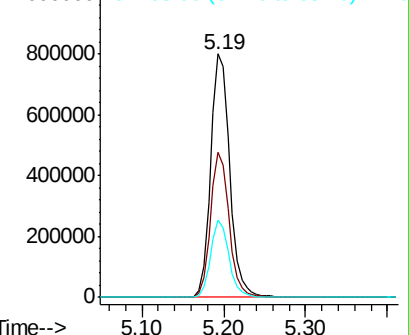
63 31.7 26.1 39.1



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: 55.160 ng

RT: 6.90 min Scan# 683

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

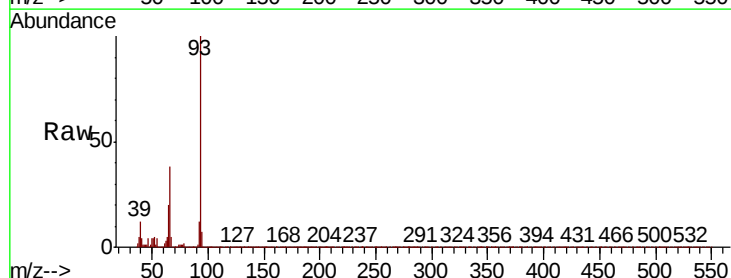
Tgt Ion: 93 Resp: 766714

Ion Ratio Lower Upper

93 100

66 38.4 31.6 47.4

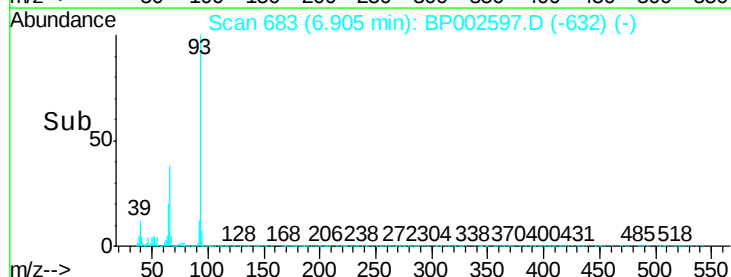
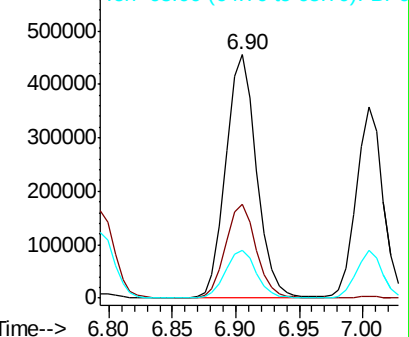
65 19.7 15.7 23.5

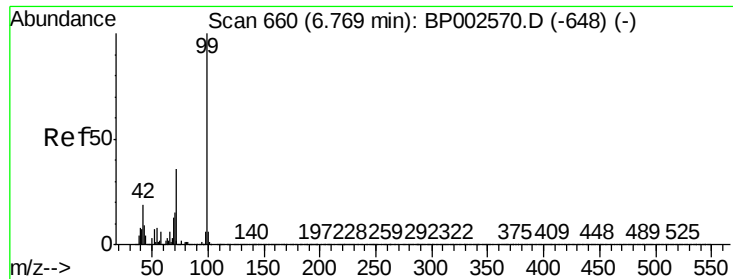


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 154.611 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

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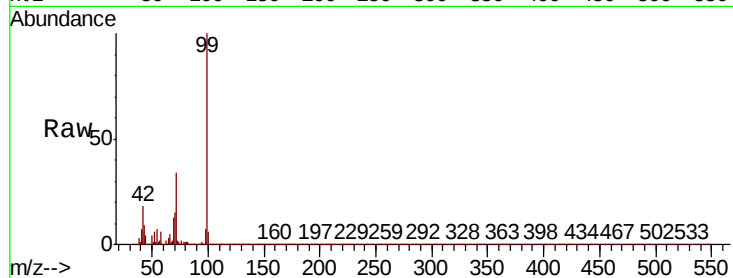
Tot Ion: 99 Resp: 1710704

Ion Ratio Lower Upper

99 100

42 17.8 15.5 23.3

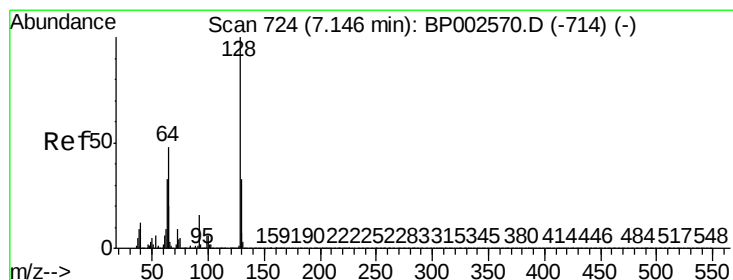
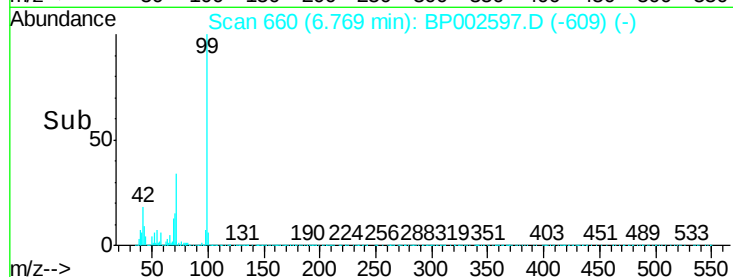
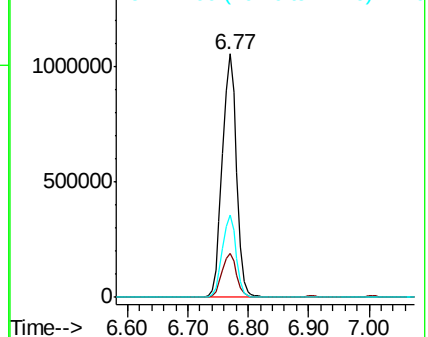
71 33.7 28.9 43.3



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: 57.221 ng

RT: 7.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: BP002597.D

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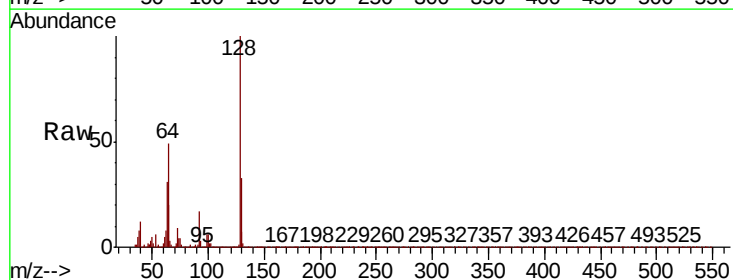
Tgt Ion: 128 Resp: 503883

Ion Ratio Lower Upper

128 100

130 32.6 11.8 51.8

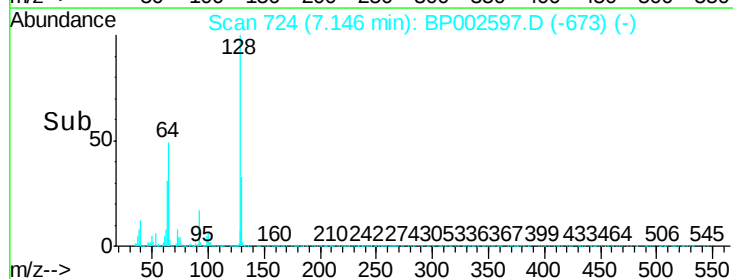
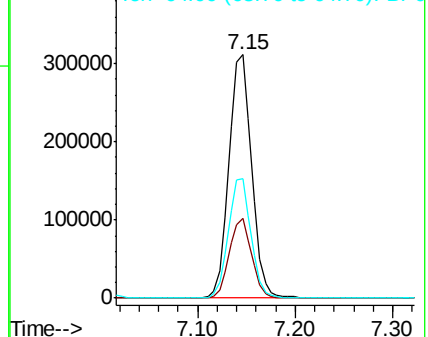
64 48.8 26.9 66.9

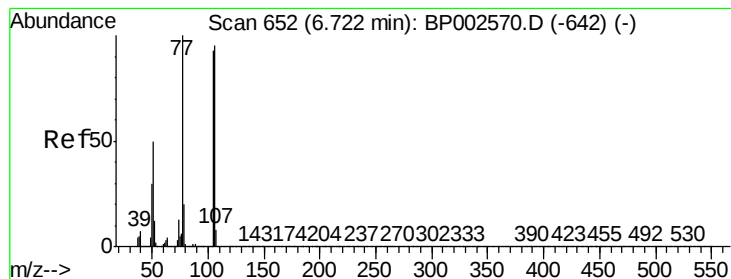


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 36.088 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

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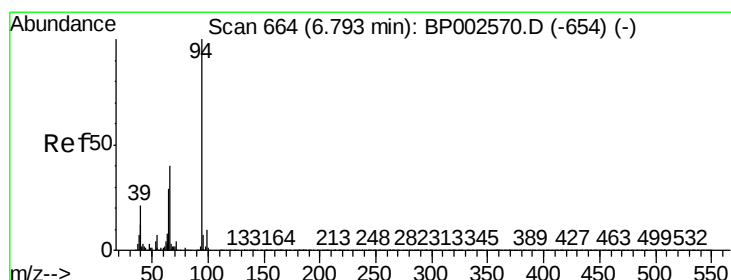
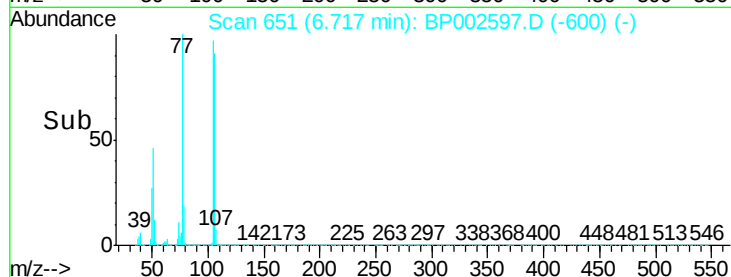
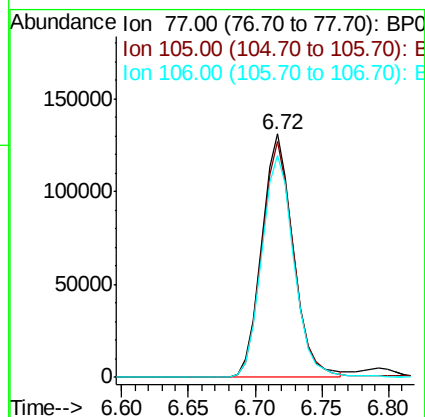
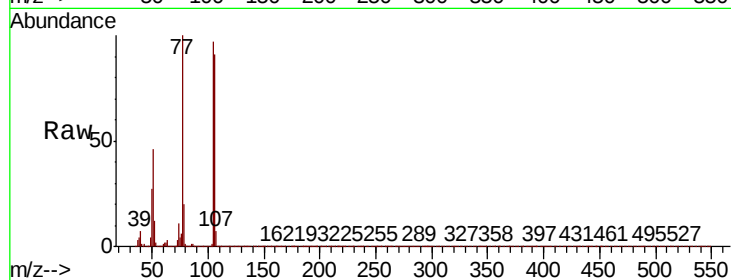
Tot Ion: 77 Resp: 213080

Ion Ratio Lower Upper

77 100

105 97.1 76.5 116.5

106 91.3 70.9 110.9



#10

Phenol

Concen: 57.334 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

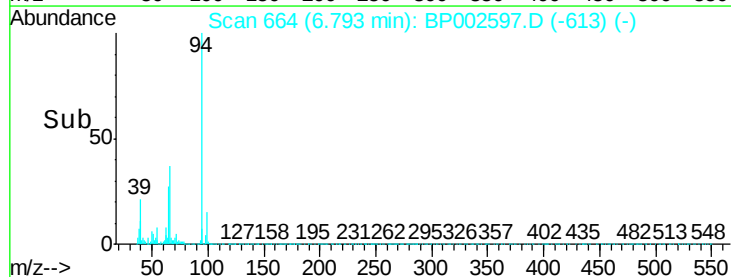
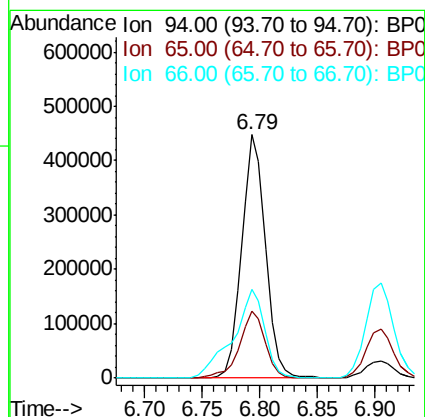
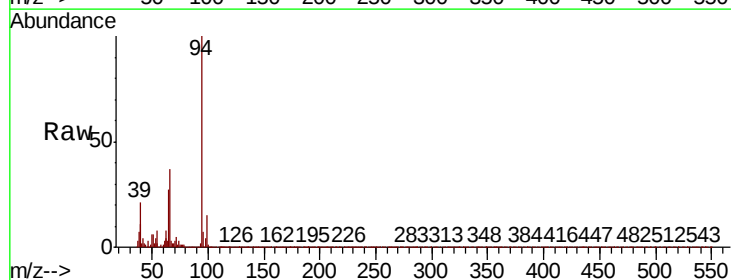
Tgt Ion: 94 Resp: 639726

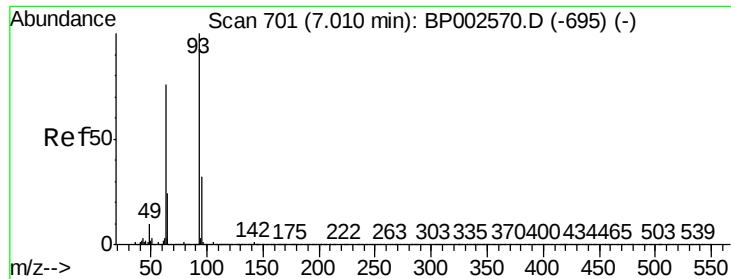
Ion Ratio Lower Upper

94 100

65 27.4 8.8 48.8

66 36.6 19.9 59.9

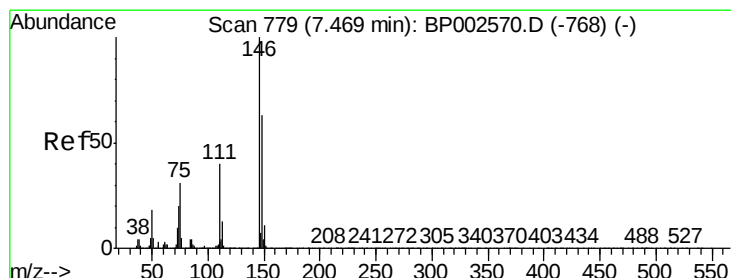
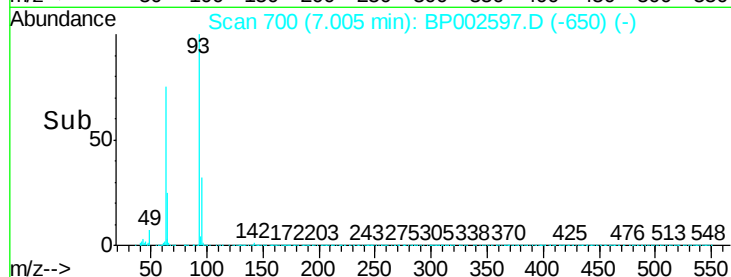
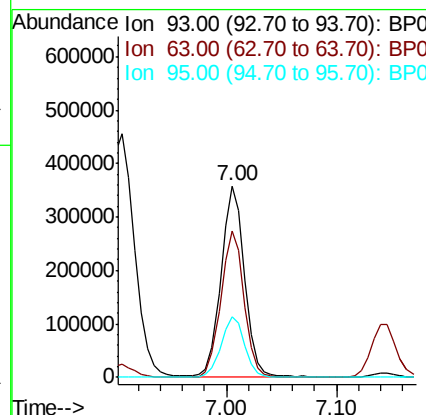
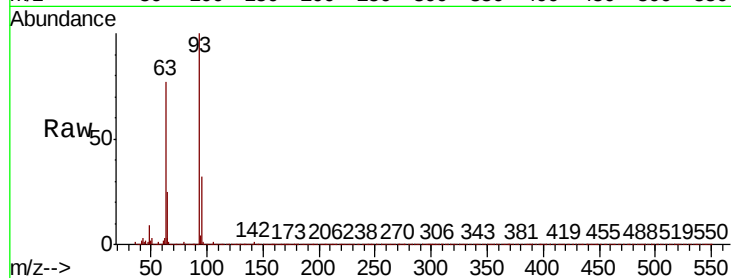




#11
bis(2-Chloroethyl)ether
Concen: 57.305 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

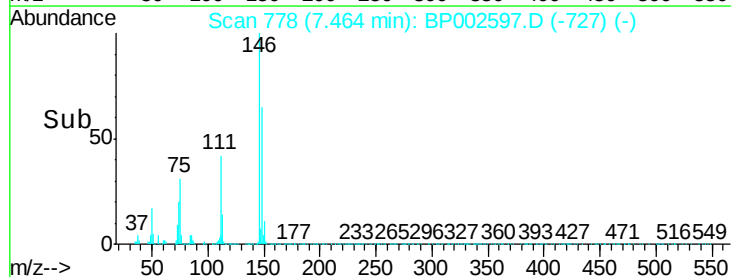
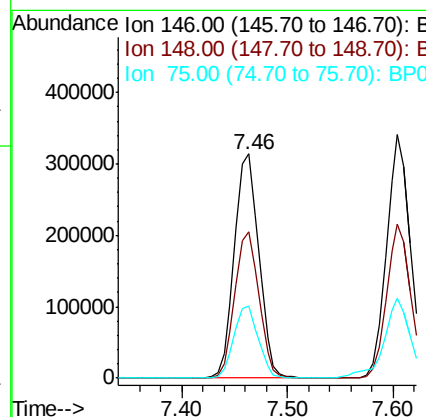
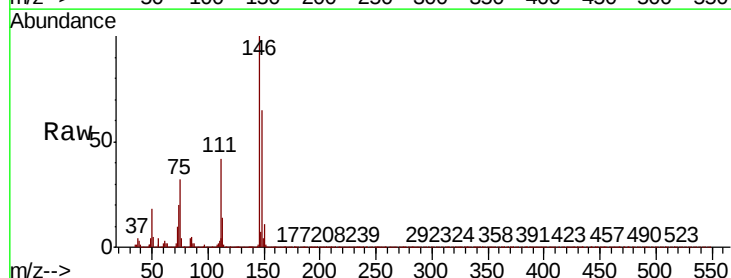
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

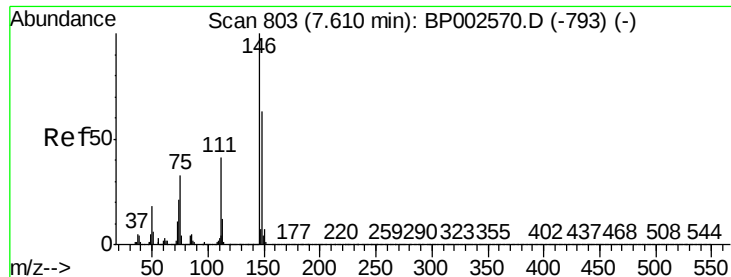
Tot Ion:	93	Resp:	524800
Ion	Ratio	Lower	Upper
93	100		
63	76.5	54.5	94.5
95	31.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 49.414 ng
RT: 7.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:	146	Resp:	502110
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
75	32.1	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 51.549 ng

RT: 7.60 min Scan# 802

Delta R.T. -0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

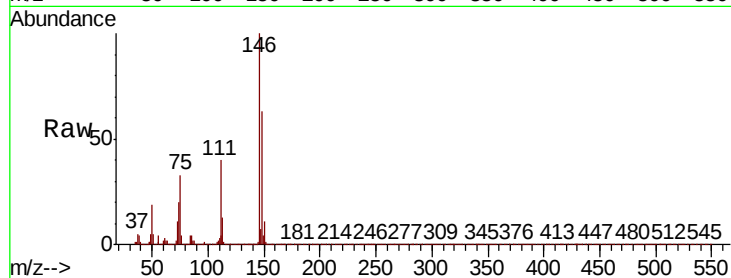
Tot Ion:146 Resp: 533644

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

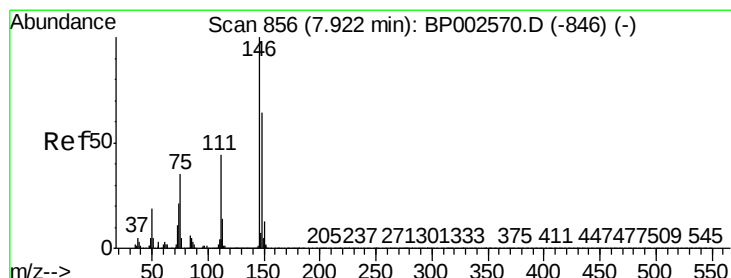
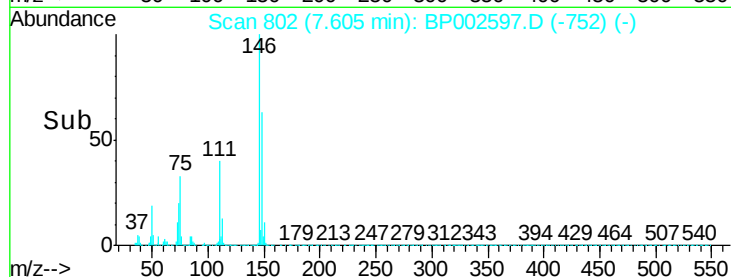
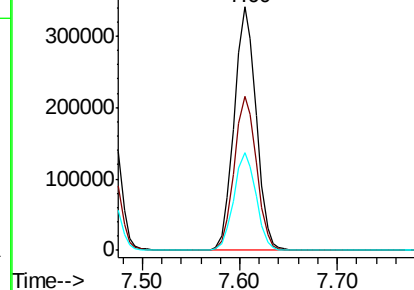
111 40.3 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.072 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

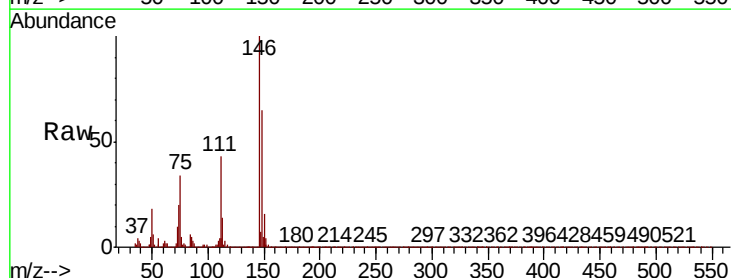
Tgt Ion:146 Resp: 538819

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

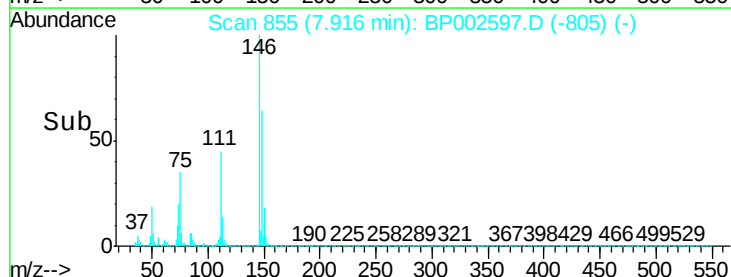
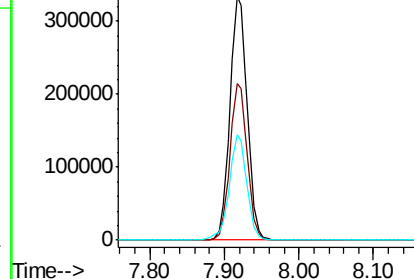
111 43.1 34.1 51.1

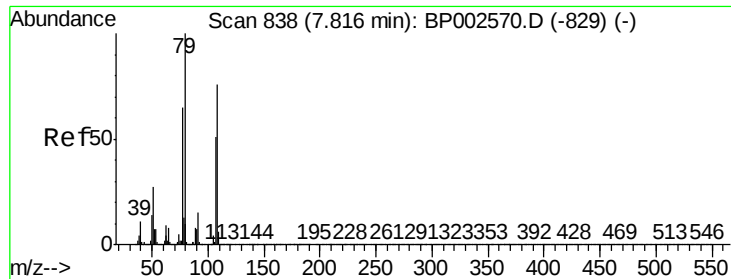


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

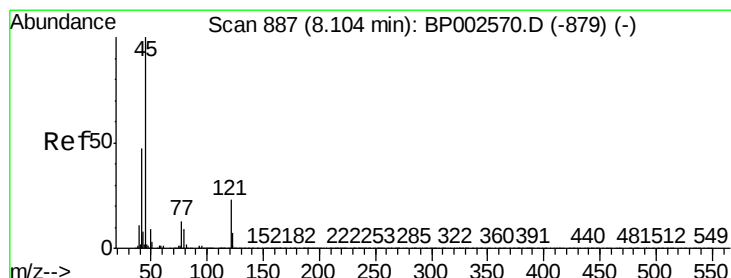
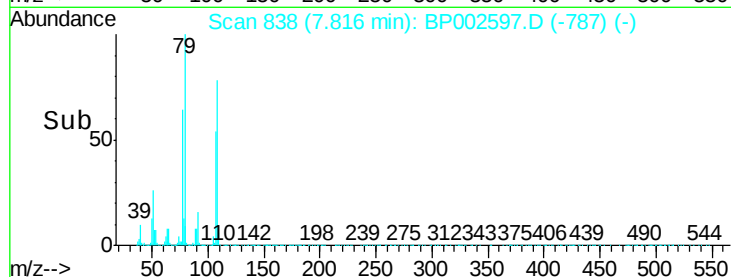
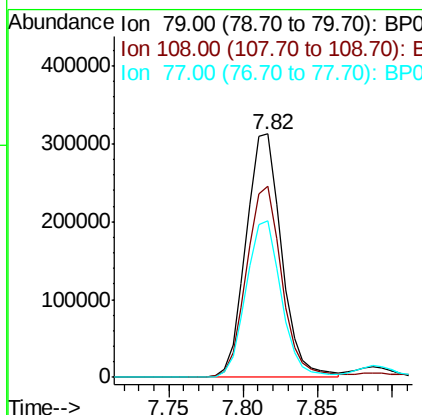
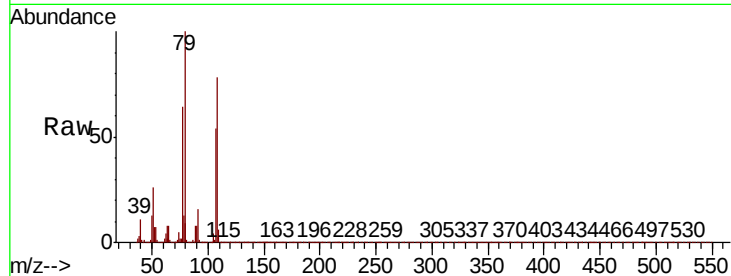




#15
Benzyl Alcohol
Concen: 61.894 ng
RT: 7.82 min Scan# 838
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

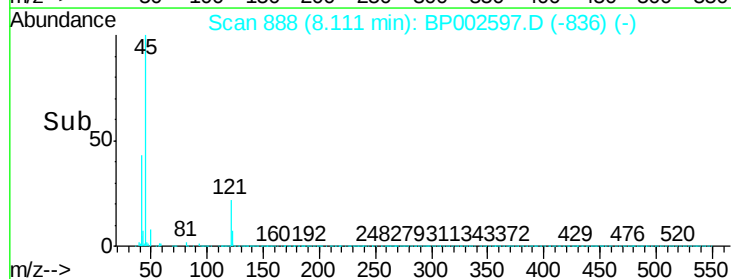
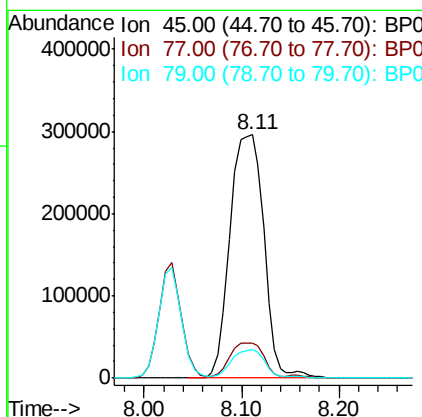
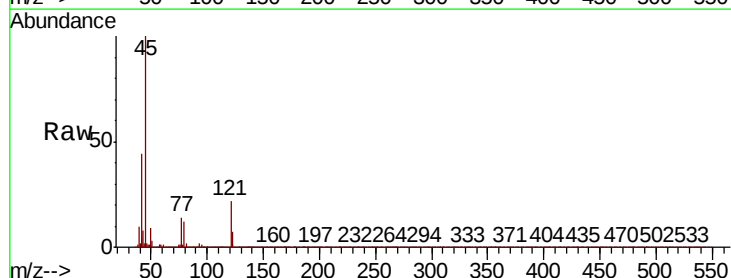
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

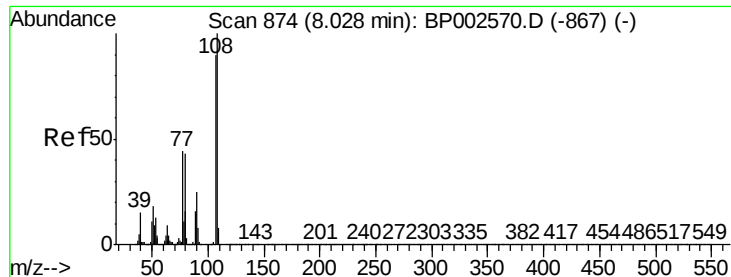
Tot Ion: 79 Resp: 514582
Ion Ratio Lower Upper
79 100
108 78.4 59.4 89.2
77 64.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.000 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion: 45 Resp: 714529
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.0
79 11.6 0.0 31.1

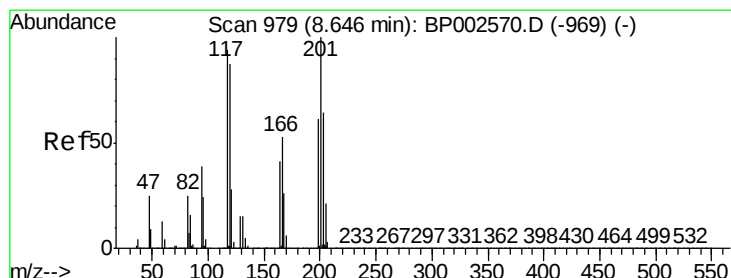
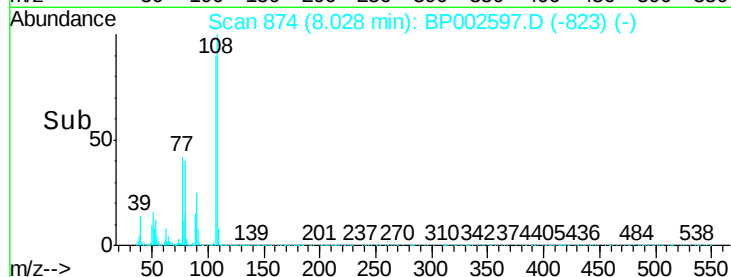
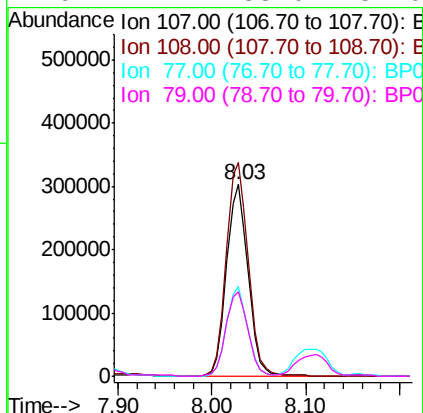
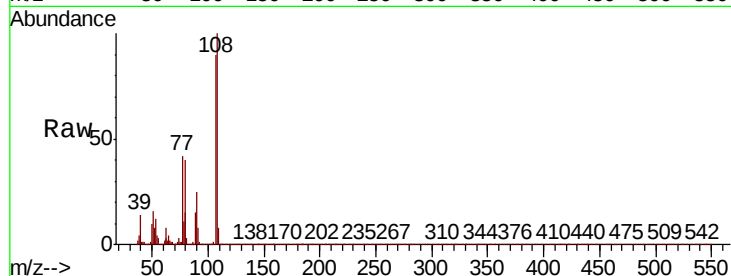




#17
2-Methylphenol
Concen: 57.650 ng
RT: 8.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

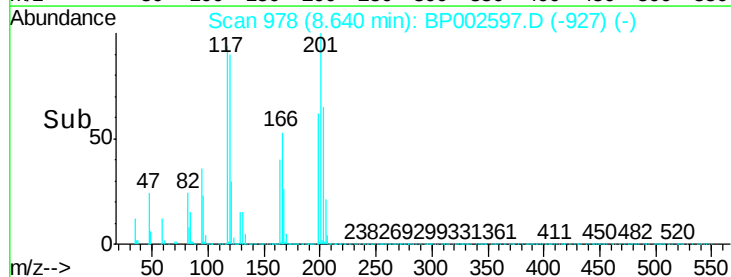
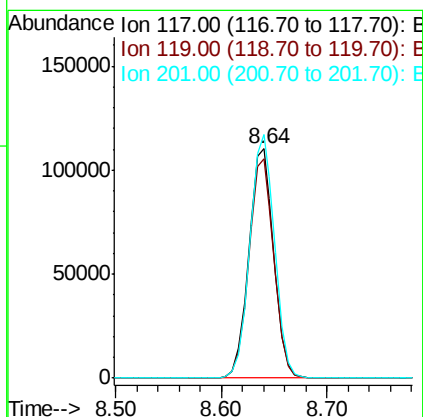
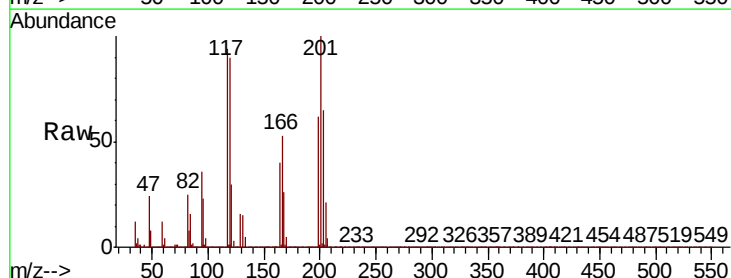
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

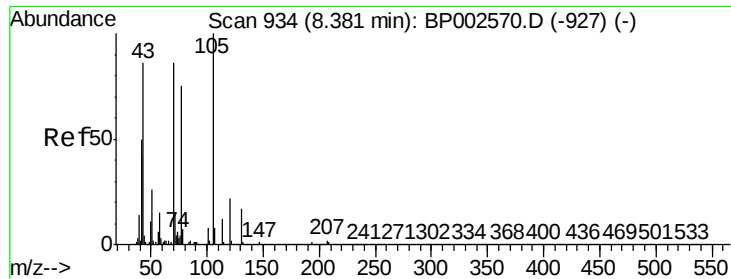
Tot Ion:	107	Resp:	481476
Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.4	137.0
77	46.4	38.7	58.1
79	44.2	38.0	57.0



#18
Hexachloroethane
Concen: 48.324 ng
RT: 8.64 min Scan# 978
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:	117	Resp:	180552
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.2	117.4
201	106.2	87.0	130.6

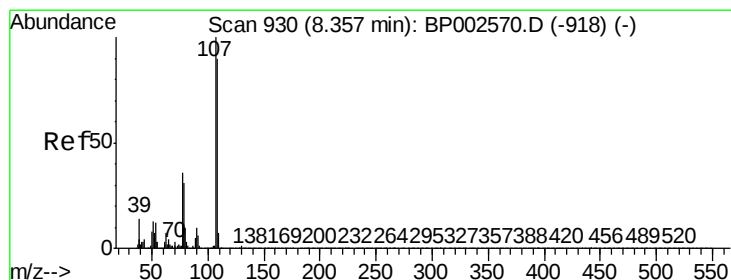
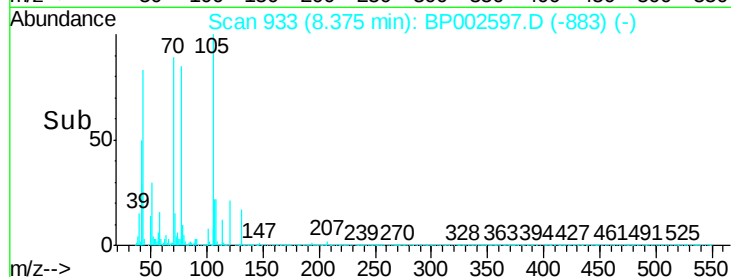
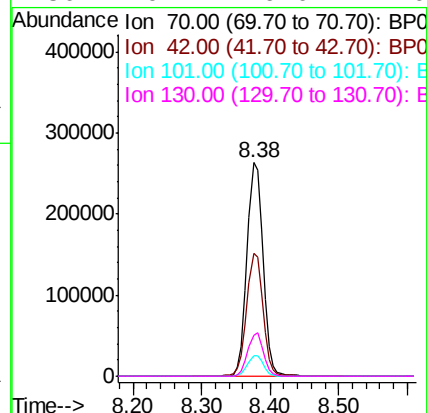
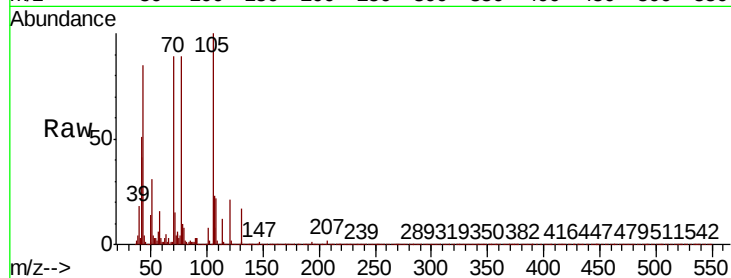




#19
n-Nitroso-di-n-propylamine
Concen: 59.029 ng
RT: 8.38 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

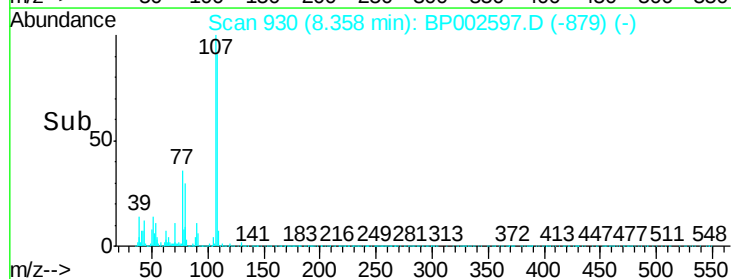
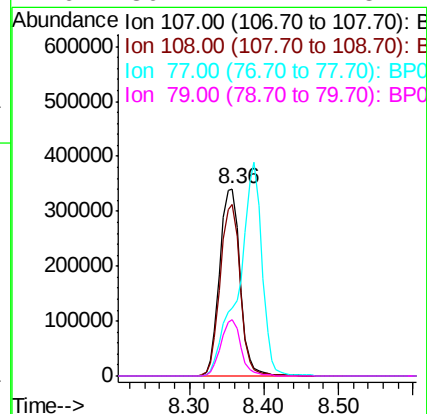
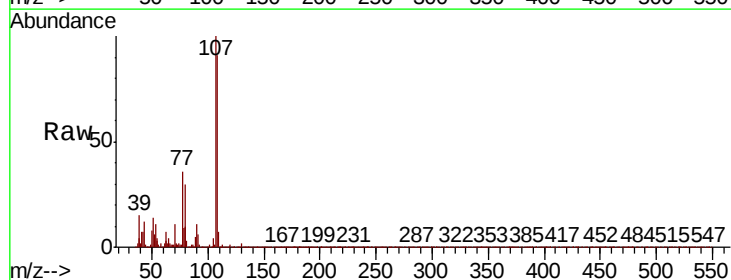
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

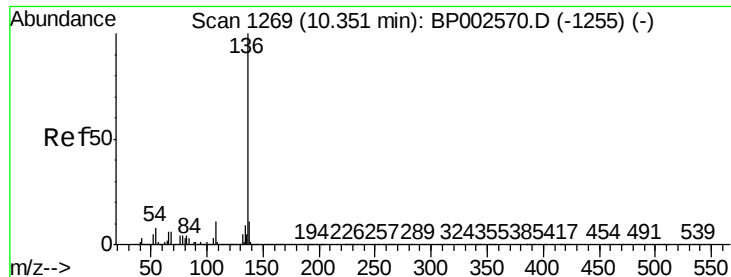
Tot Ion:	70	Resp:	428525
Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.7	70.1
101	9.5	7.5	11.3
130	19.2	16.0	24.0



#20
3+4-Methylphenols
Concen: 57.654 ng
RT: 8.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:	107	Resp:	649174
Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.4	110.4
77	36.2	16.7	56.7
79	30.1	11.1	51.1

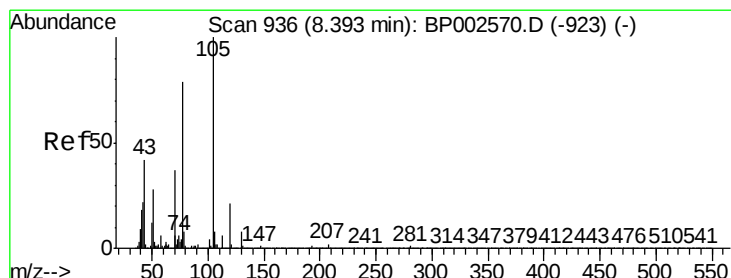
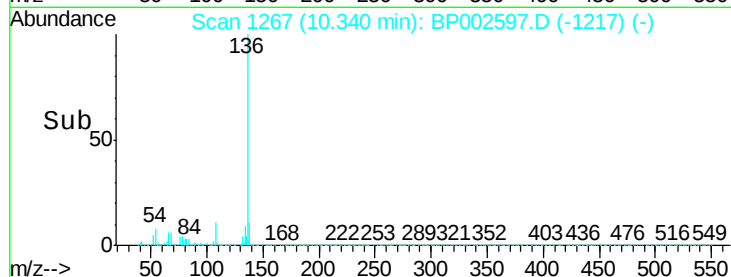
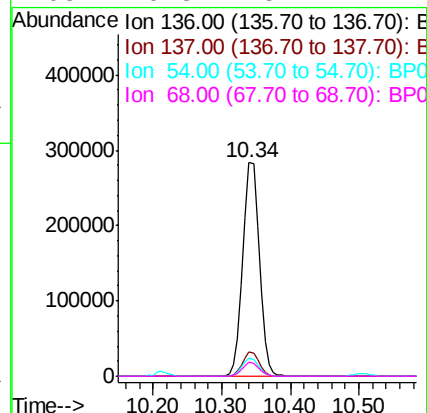
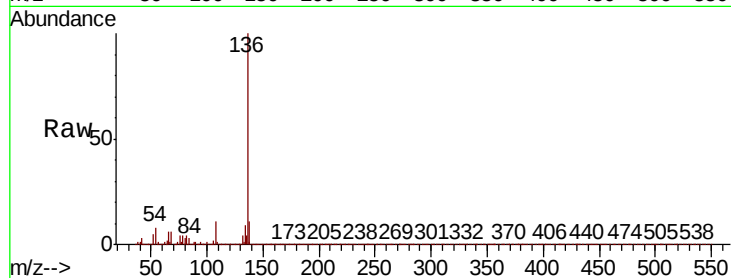




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

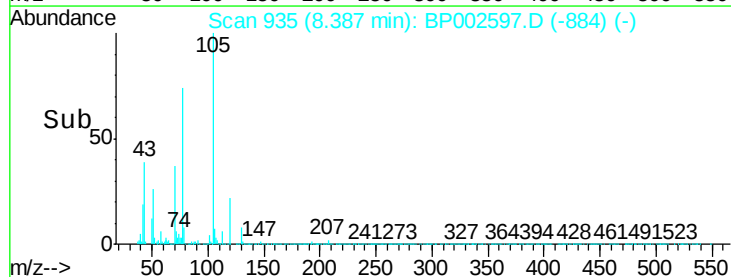
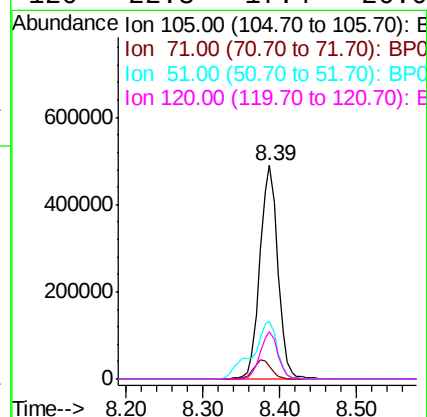
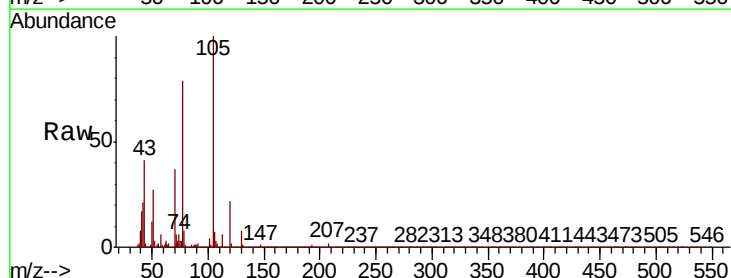
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

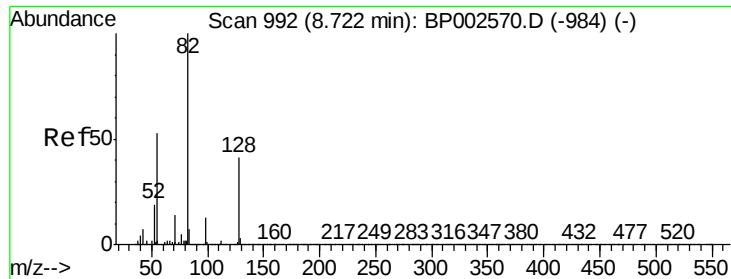
Tot Ion:136	Resp:	476782
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.3	6.4 9.6
68	6.3	5.1 7.7



#22
Acetophenone
Concen: 66.522 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:105	Resp:	802767
Ion Ratio	Lower	Upper
105	100	
71	6.3	5.8 8.8
51	27.2	23.3 34.9
120	22.3	17.4 26.0

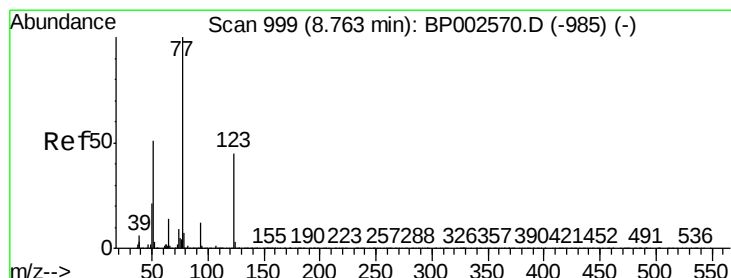
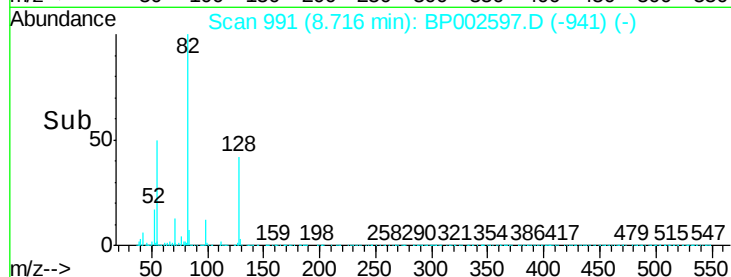
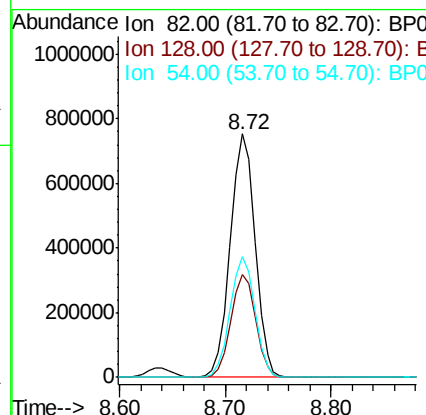
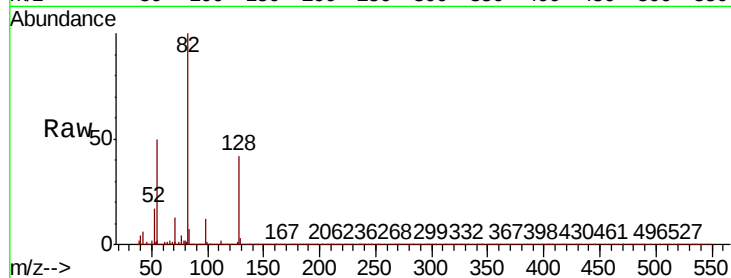




#23
 Nitrobenzene-d5
 Concen: 132.044 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

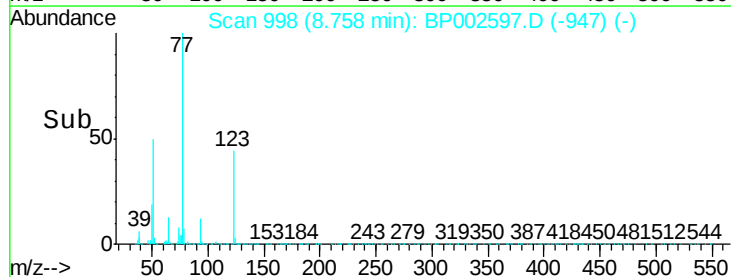
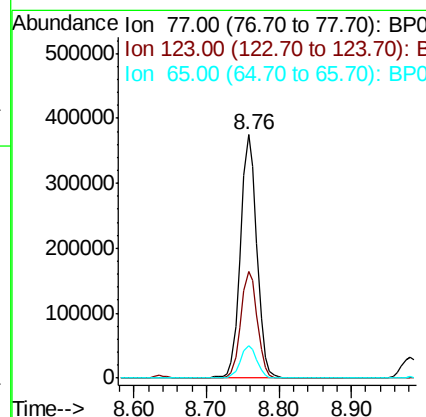
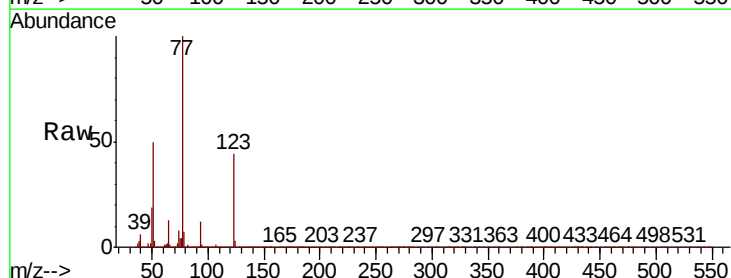
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MS

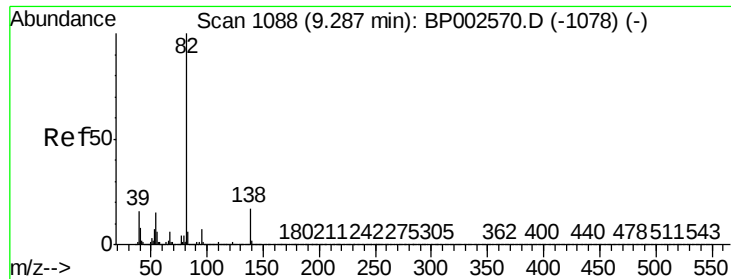
Tot Ion: 82 Resp: 1221854
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.4 50.2
 54 49.7 40.1 60.1



#24
 Nitrobenzene
 Concen: 59.944 ng
 RT: 8.76 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

Tgt Ion: 77 Resp: 587116
 Ion Ratio Lower Upper
 77 100
 123 44.0 35.3 52.9
 65 13.4 10.6 16.0

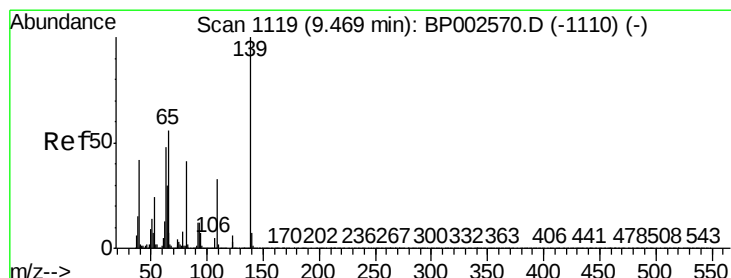
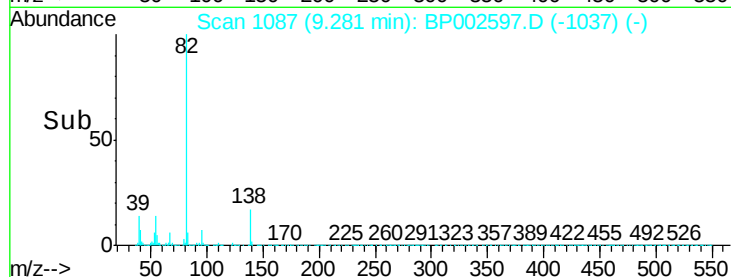
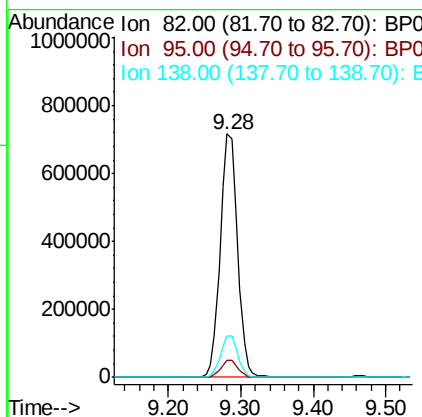
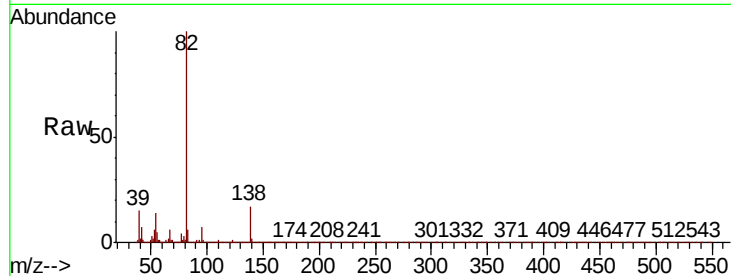




#25
Isophorone
Concen: 64.370 ng
RT: 9.28 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

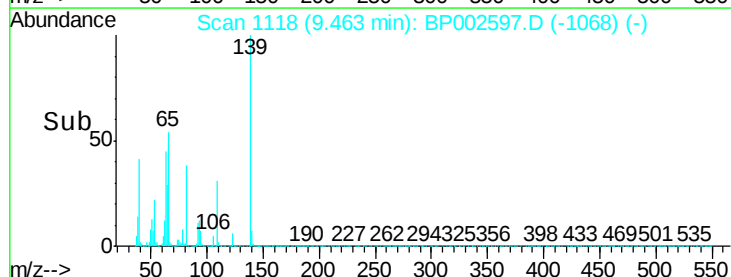
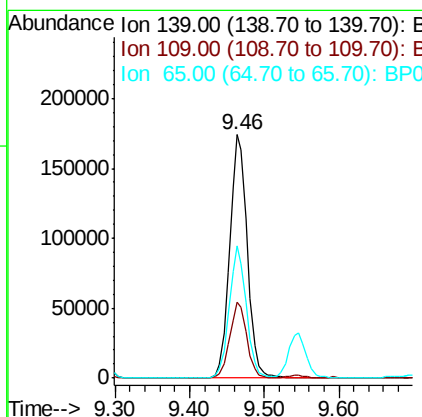
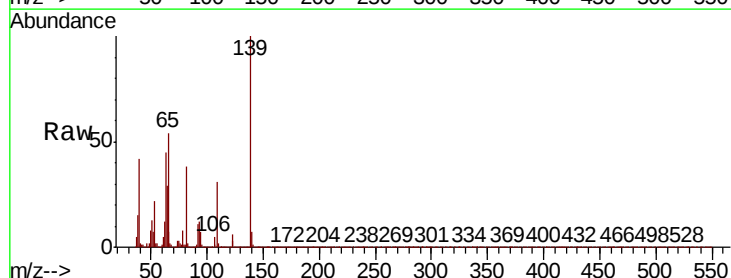
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

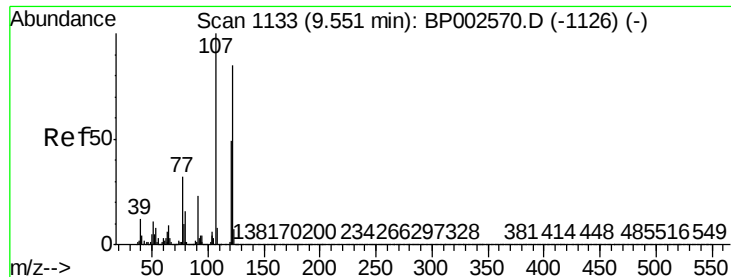
Tot Ion: 82 Resp: 1193820
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.0 13.8 20.8



#26
2-Nitrophenol
Concen: 64.268 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion: 139 Resp: 287080
Ion Ratio Lower Upper
139 100
109 31.1 26.0 39.0
65 54.3 41.9 62.9





#27

2,4-Dimethylphenol

Concen: 70.492 ng

RT: 9.55 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

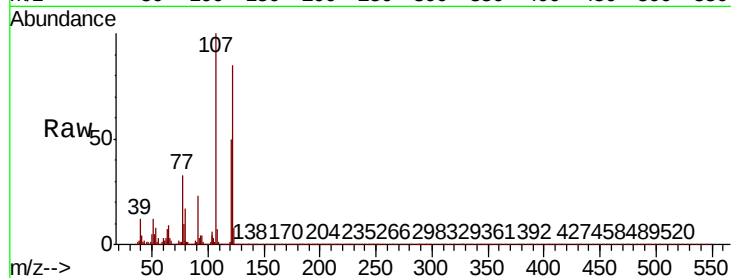
Tot Ion:122 Resp: 477133

Ion Ratio Lower Upper

122 100

107 117.0 95.9 143.9

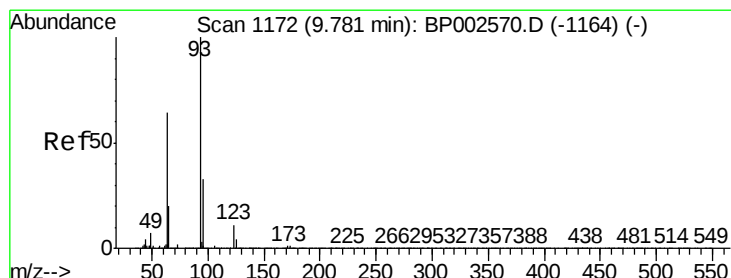
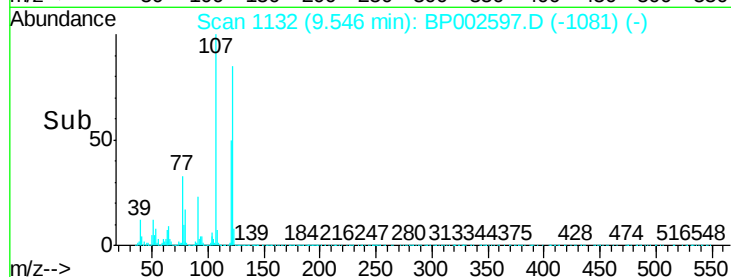
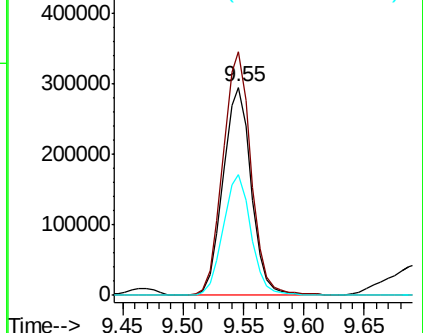
121 57.9 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 62.935 ng

RT: 9.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

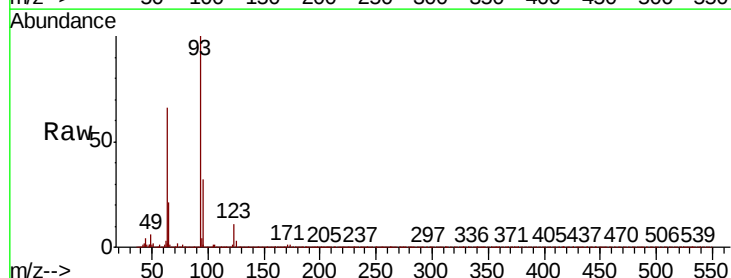
Tgt Ion: 93 Resp: 670479

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

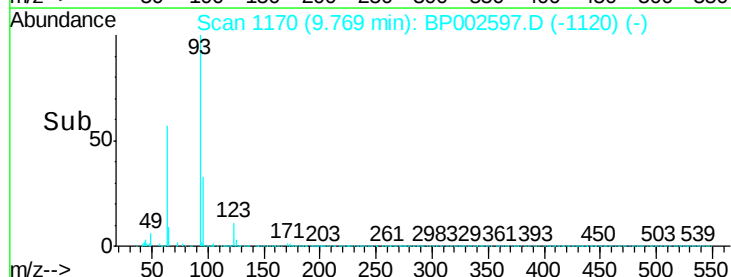
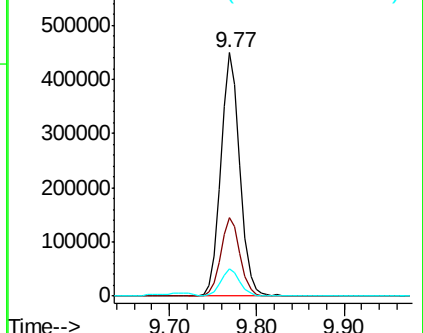
123 11.2 8.7 13.1

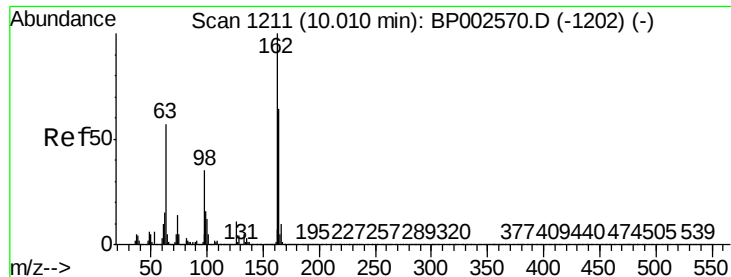


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 79.333 ng

RT: 10.00 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

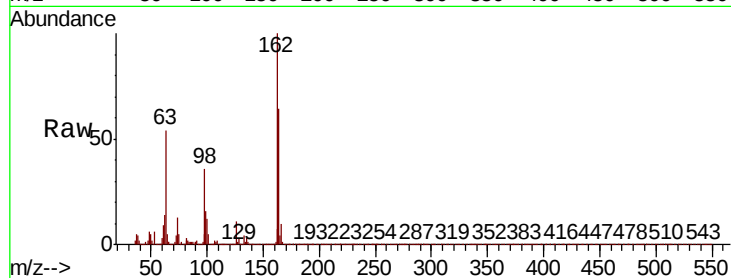
Tot Ion:162 Resp: 618857

Ion Ratio Lower Upper

162 100

164 64.0 46.1 86.1

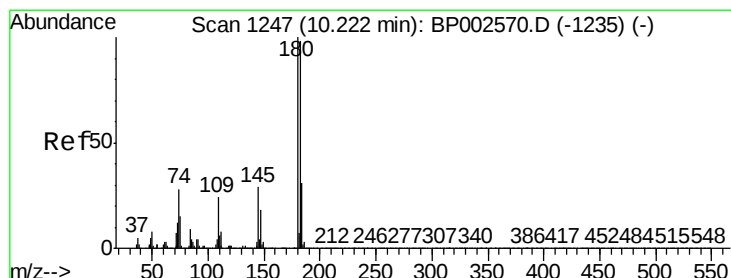
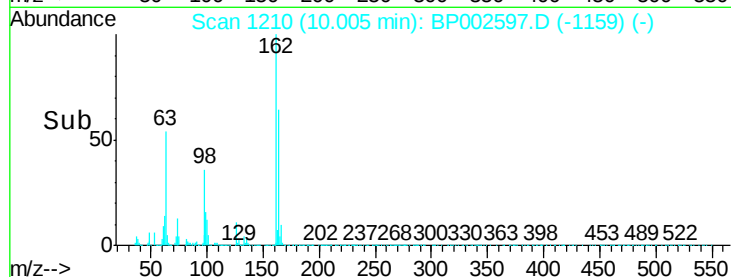
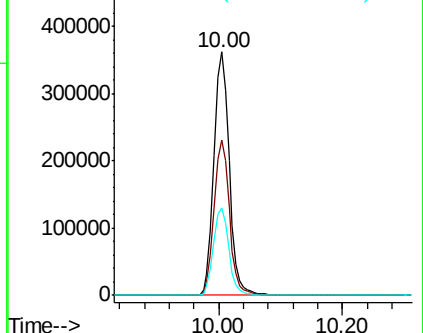
98 36.0 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 56.985 ng

RT: 10.21 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

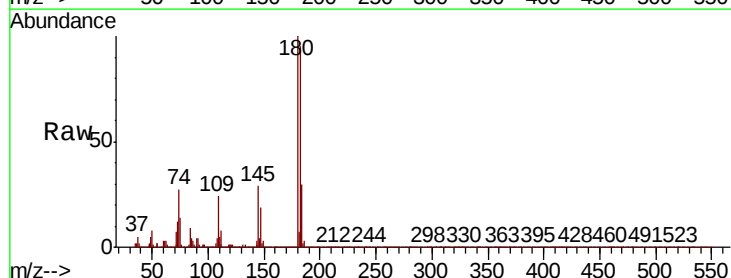
Tgt Ion:180 Resp: 500451

Ion Ratio Lower Upper

180 100

182 95.2 78.2 117.2

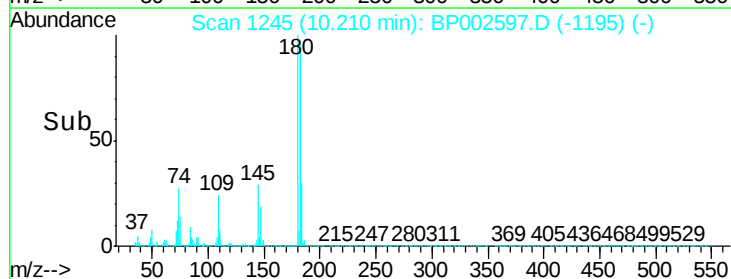
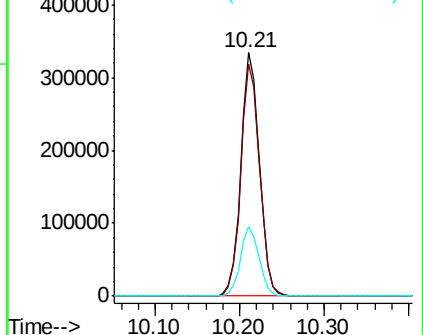
145 28.6 22.6 34.0

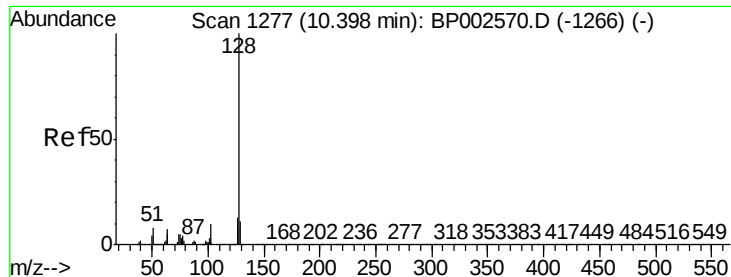


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

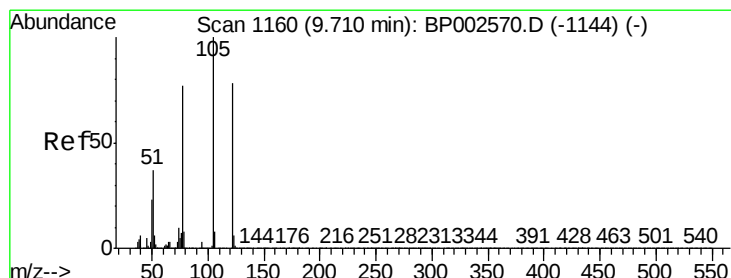
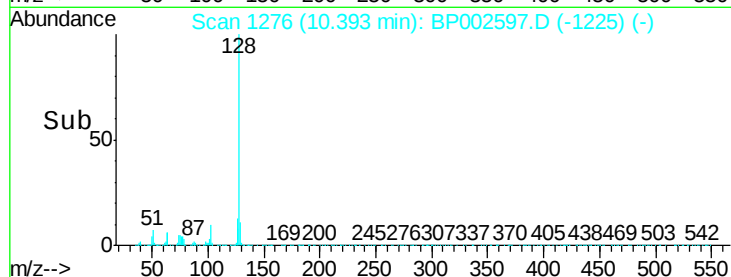
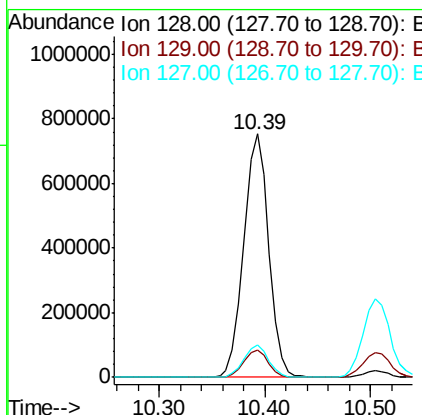
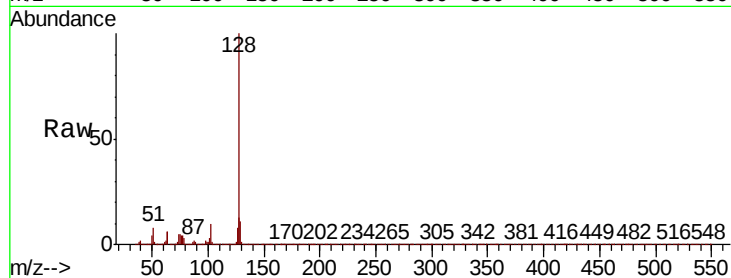




#31
Naphthalene
Concen: 48.883 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

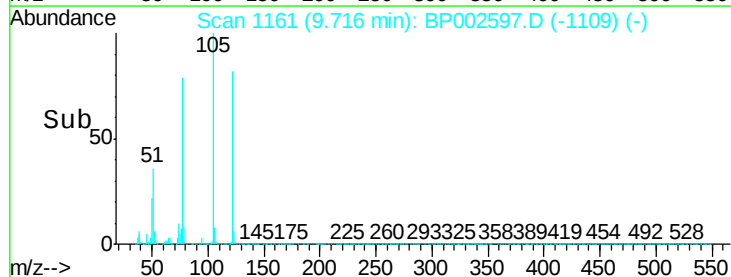
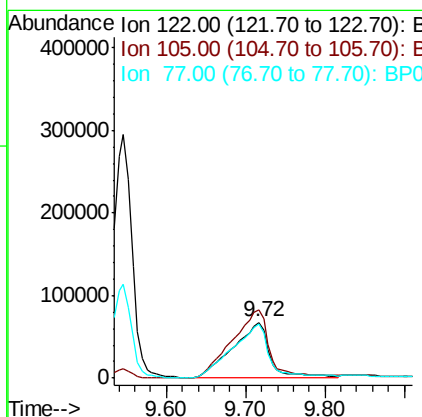
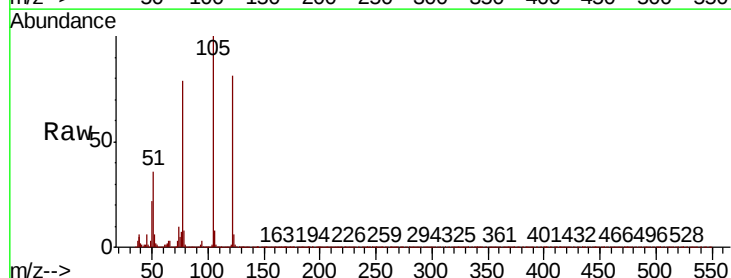
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

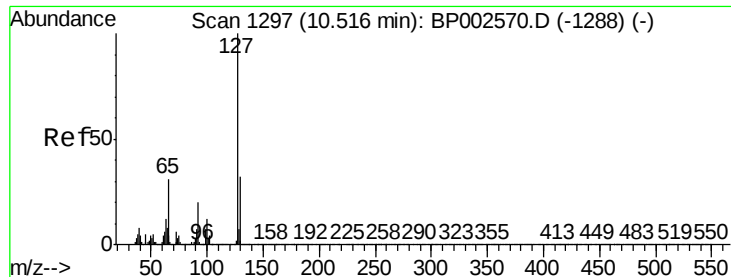
Tot Ion:128 Resp: 1233788
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 41.538 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:122 Resp: 213224
Ion Ratio Lower Upper
122 100
105 122.8 106.6 146.6
77 96.9 76.5 116.5

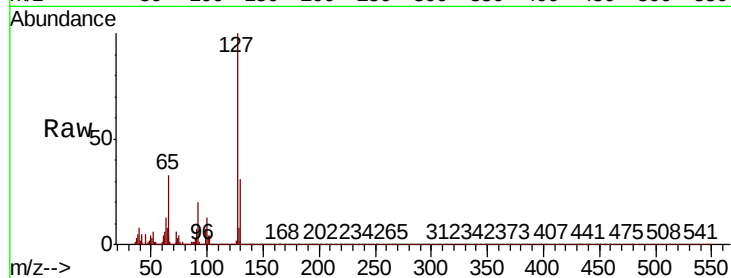




#33
4-Chloroaniline
Concen: 39.515 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

Tot Ion:	127	Resp:	436249
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	32.6	25.7	38.5
92	20.0	16.1	24.1



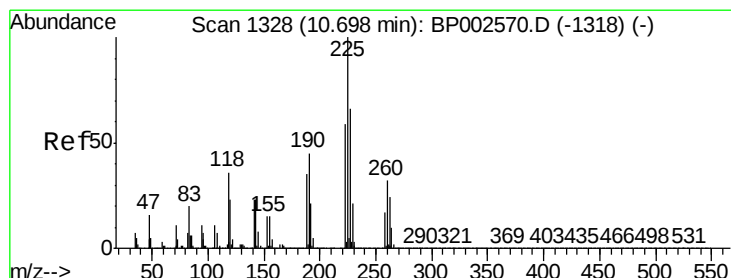
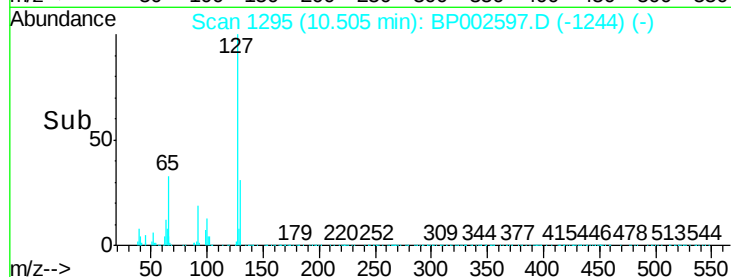
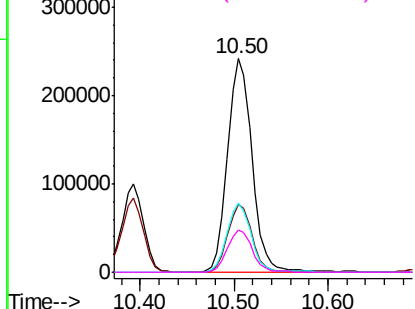
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

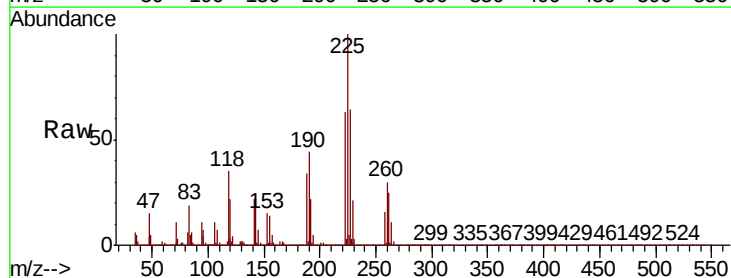
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 42.687 ng
RT: 10.69 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:	225	Resp:	229458
Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.6	78.8
227	64.3	52.1	78.1

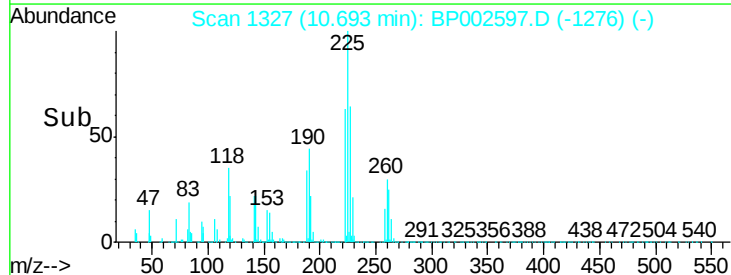
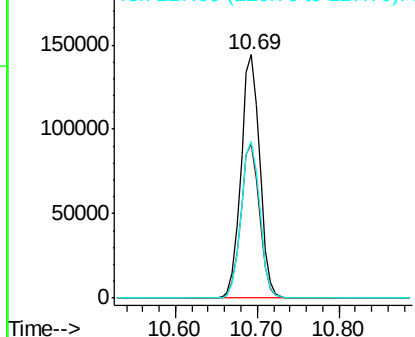


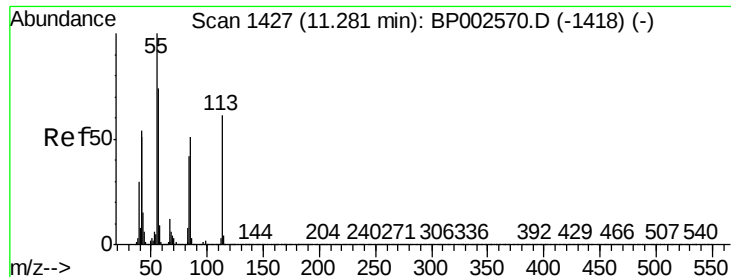
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

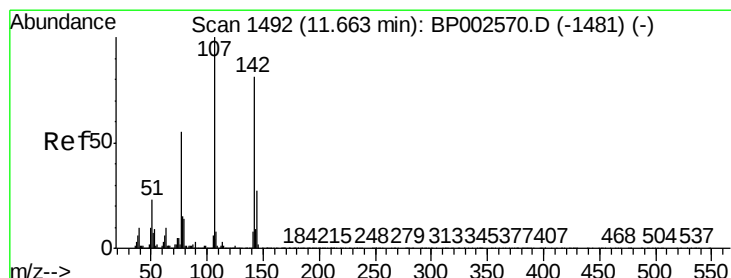
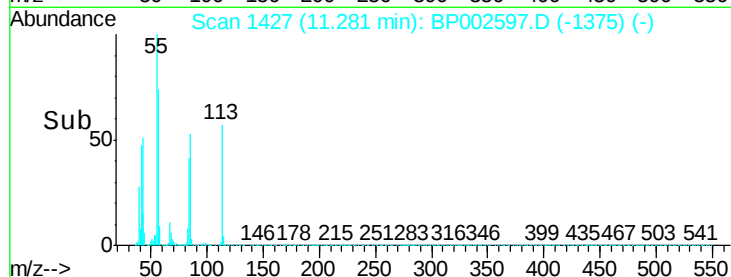
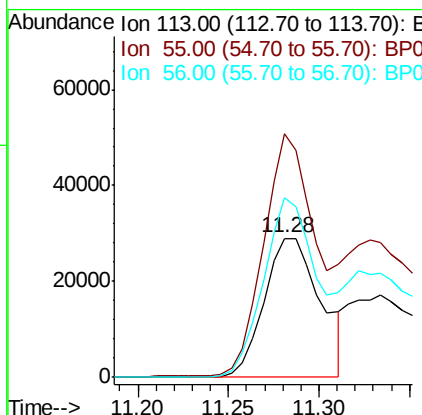
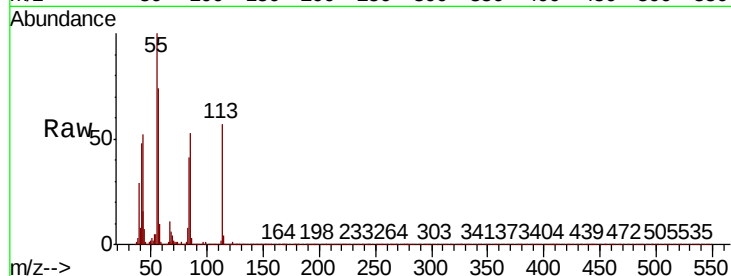




#35
 Caprolactam
 Concen: 23.957 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

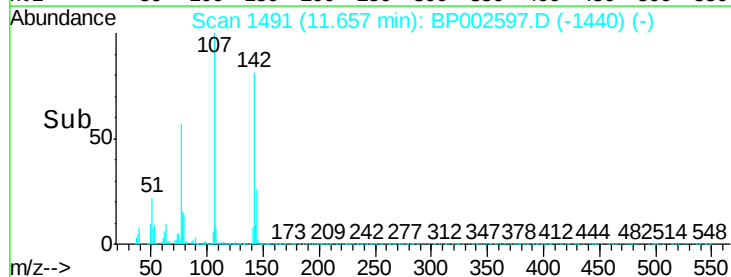
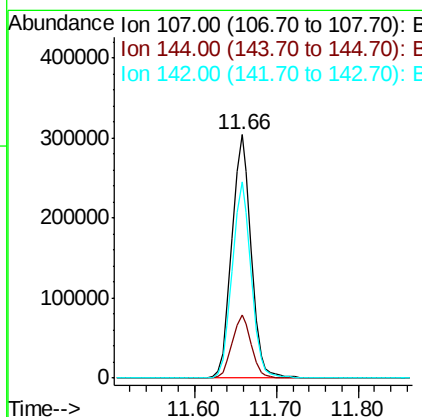
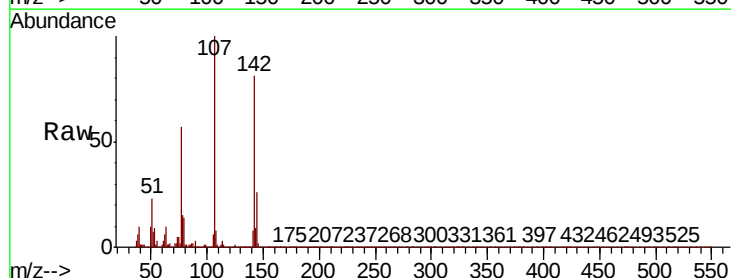
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MS

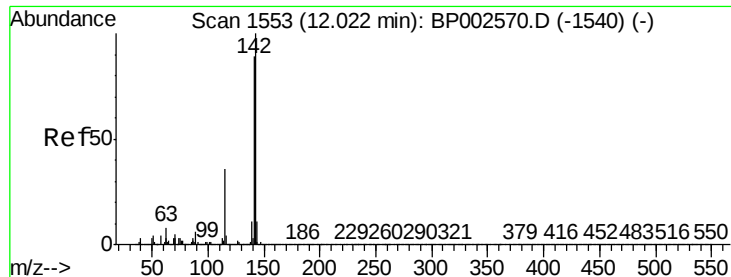
Tot Ion:113 Resp: 62820
 Ion Ratio Lower Upper
 113 100
 55 174.9 143.7 183.7
 56 128.7 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 58.860 ng
 RT: 11.66 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

Tgt Ion:107 Resp: 503241
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.6
 142 80.6 63.9 95.9

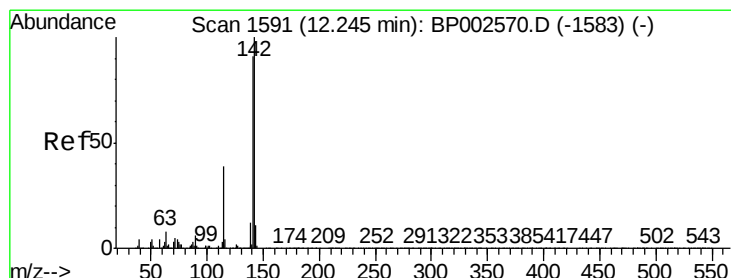
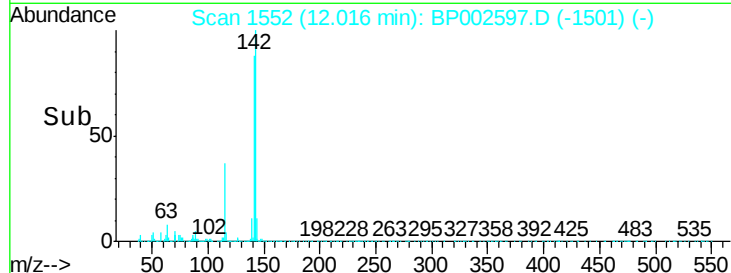
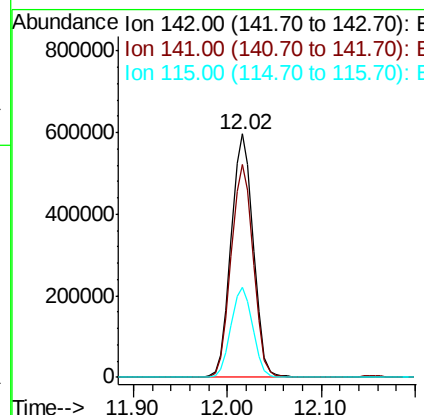
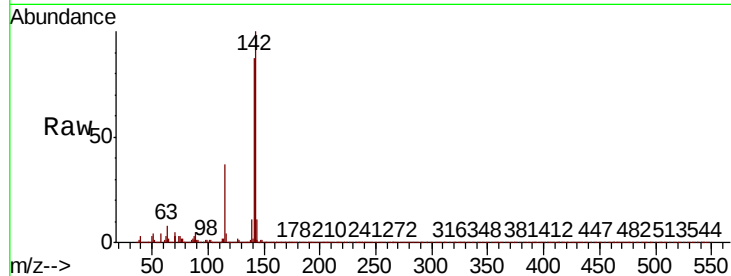




#37
2-Methylnaphthalene
Concen: 53.064 ng
RT: 12.02 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

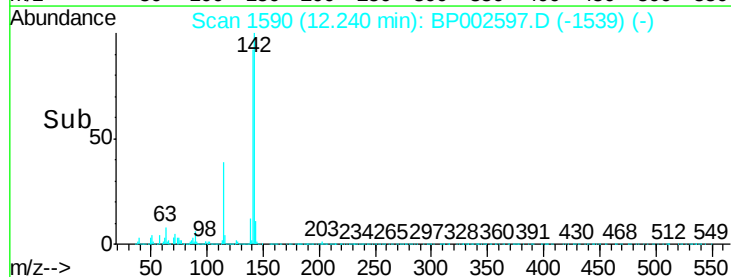
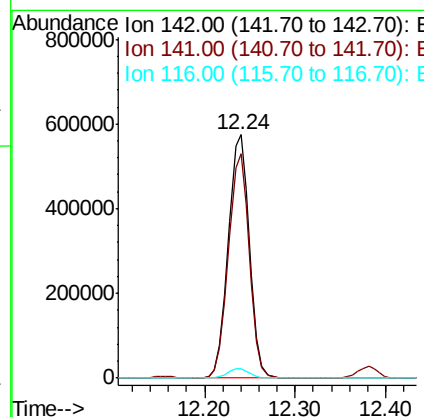
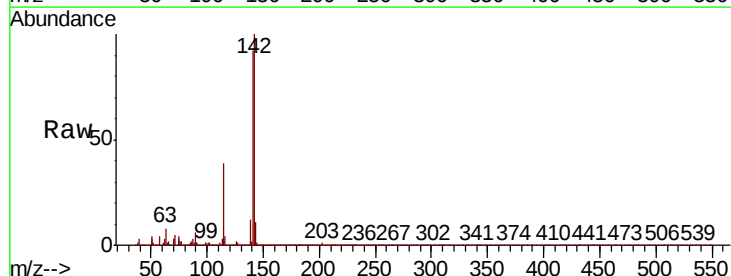
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

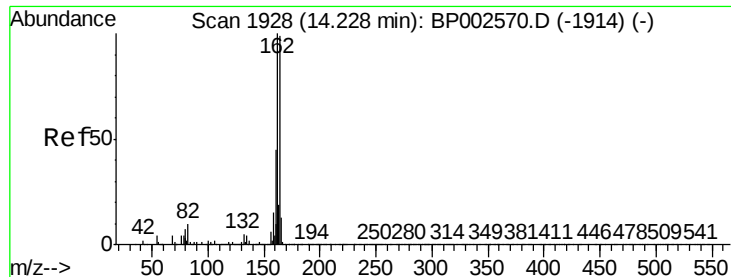
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.7	106.1
115	36.9	29.7	44.5



#38
1-Methylnaphthalene
Concen: 53.179 ng
RT: 12.24 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

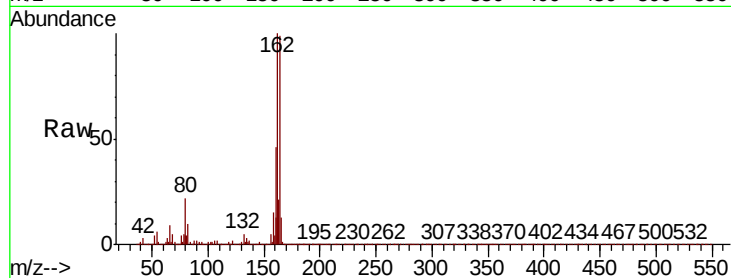
Tot Ion:164 Resp: 451038

Ion Ratio Lower Upper

164 100

162 100.9 80.3 120.5

160 46.4 35.0 52.6

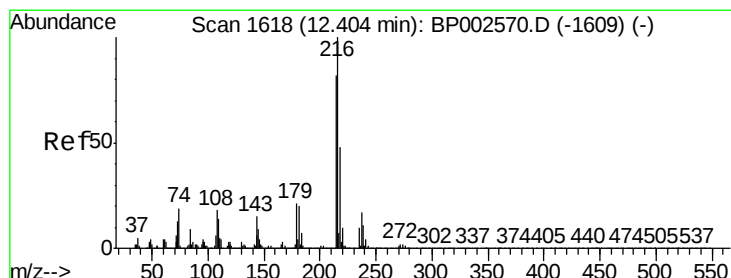
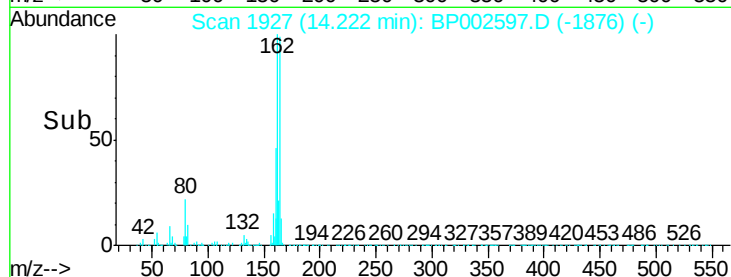
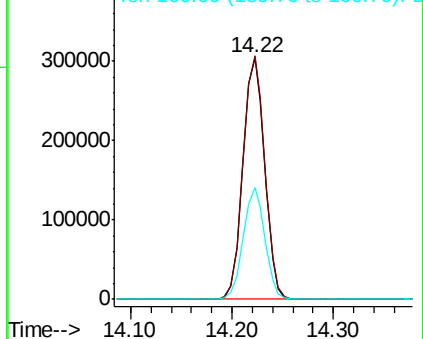


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.426 ng

RT: 12.40 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Tgt Ion:216 Resp: 484852

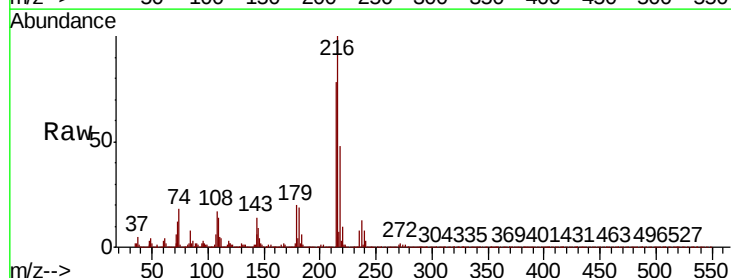
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 20.5 16.6 24.8

108 19.6 14.9 22.3



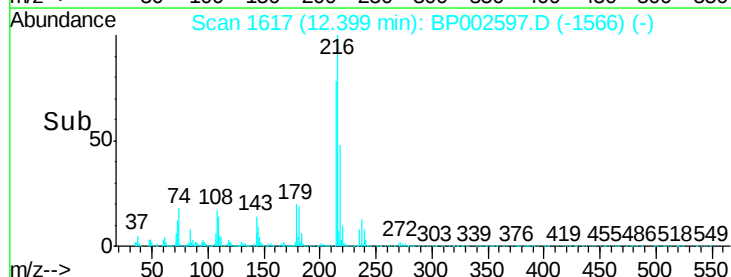
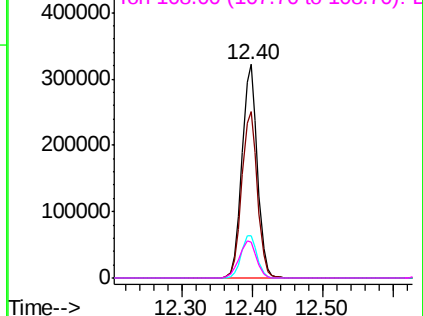
Abundance

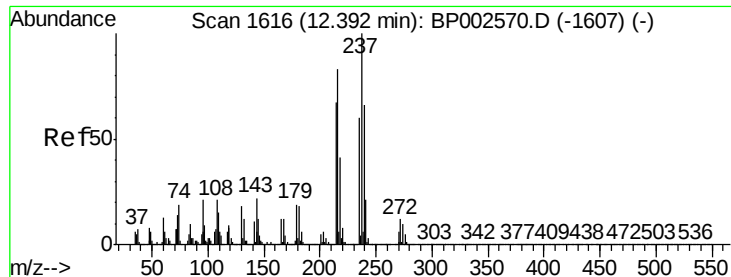
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

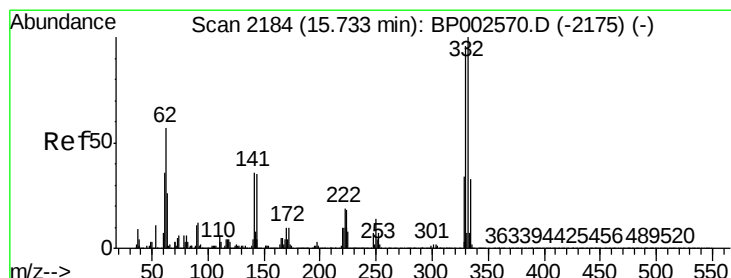
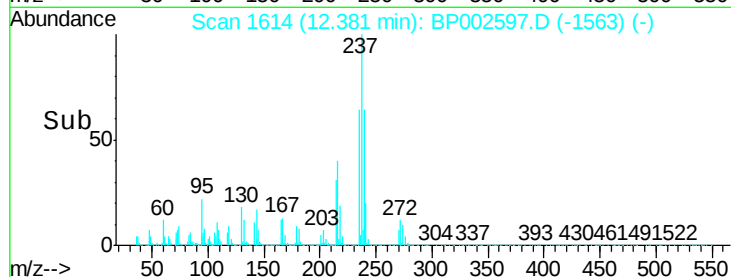
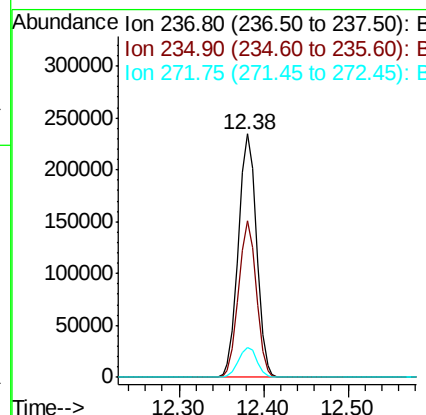
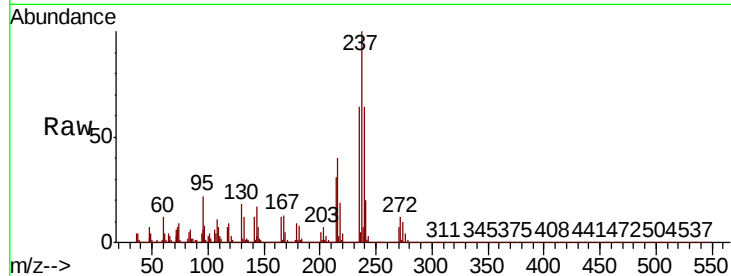




#41
Hexachlorocyclopentadiene
Concen: 48.558 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

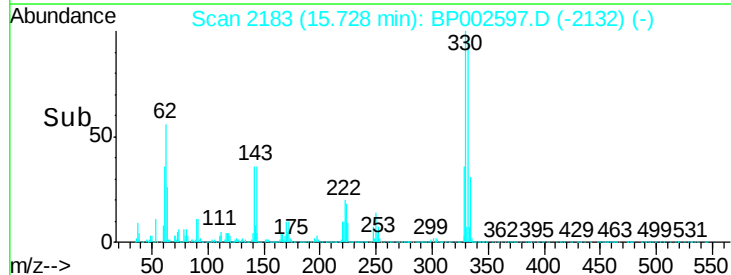
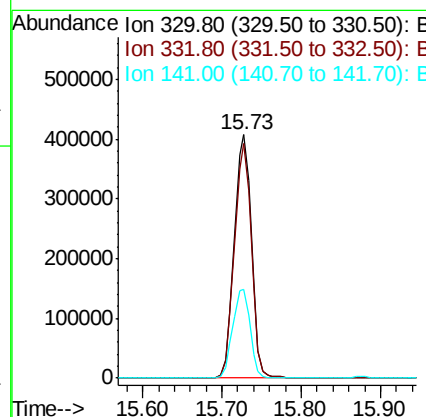
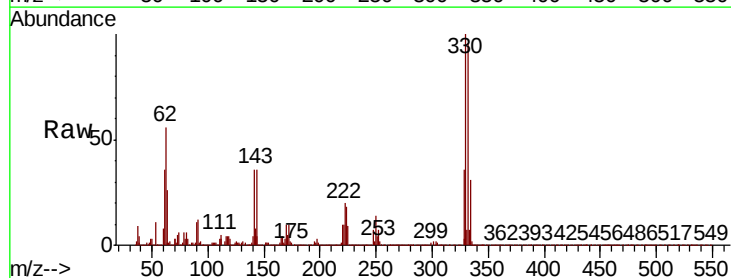
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

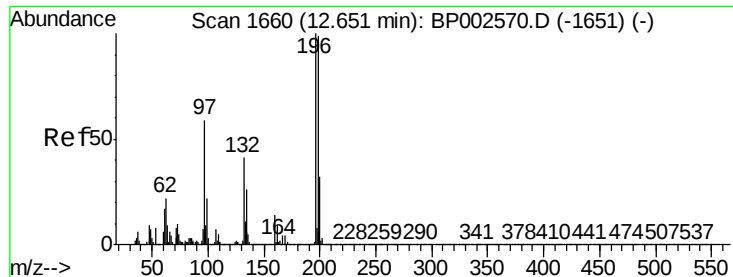
Tot Ion:	237	Resp:	343599
Ion	Ratio	Lower	Upper
237	100		
235	64.5	45.4	85.4
272	12.5	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 111.804 ng
RT: 15.73 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:	330	Resp:	613345
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.7	116.5
141	37.0	29.0	43.6

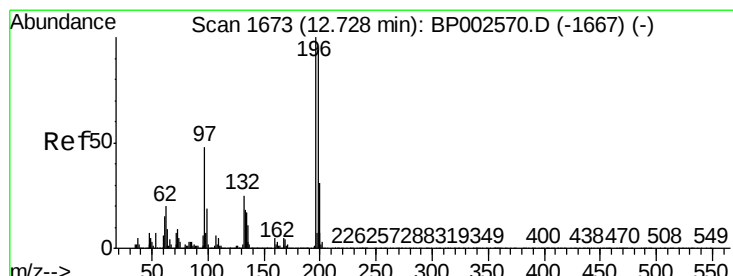
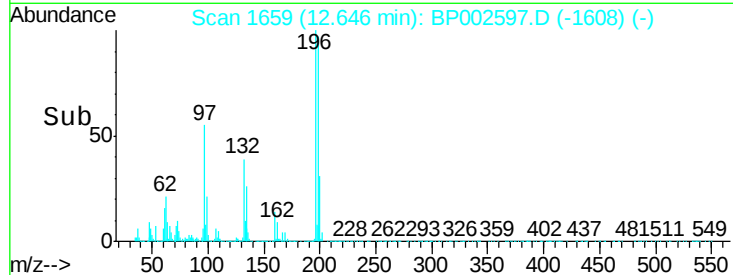
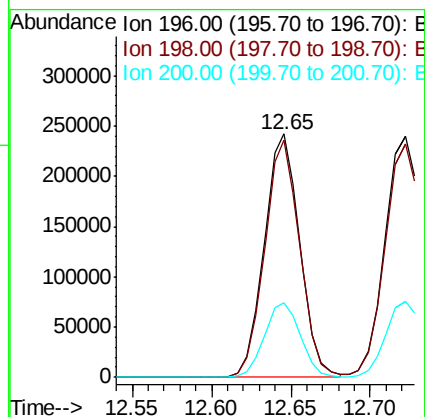
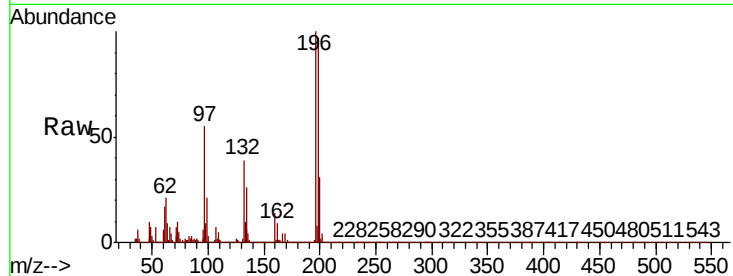




#43
 2,4,6-Trichlorophenol
 Concen: 39.502 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

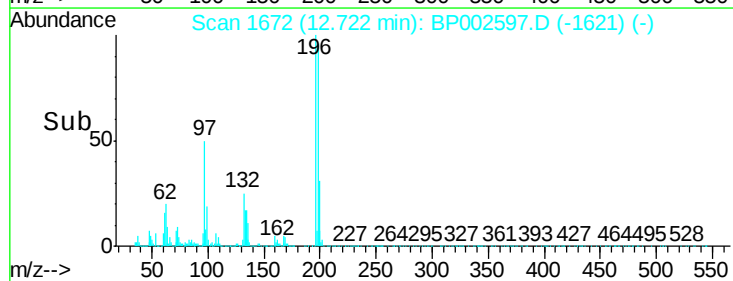
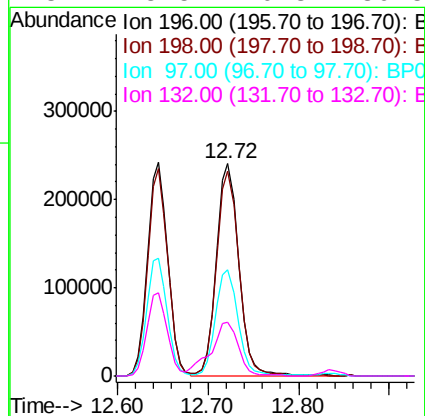
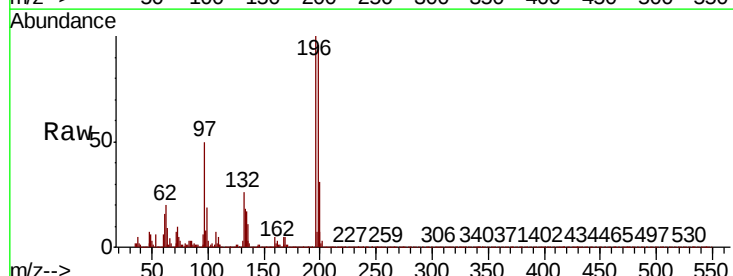
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MS

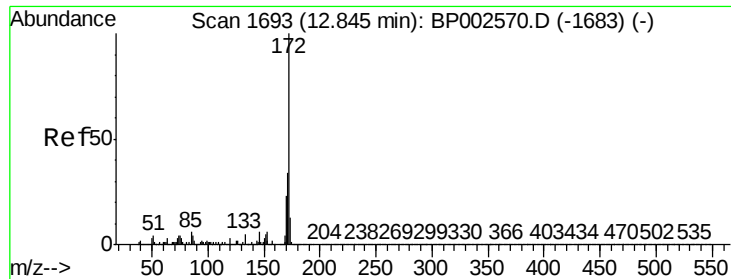
Tot Ion:196 Resp: 376428
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.3 112.9
 200 30.8 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 37.418 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

Tgt Ion:196 Resp: 410468
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.4 113.0
 97 50.0 39.3 58.9
 132 25.5 20.3 30.5

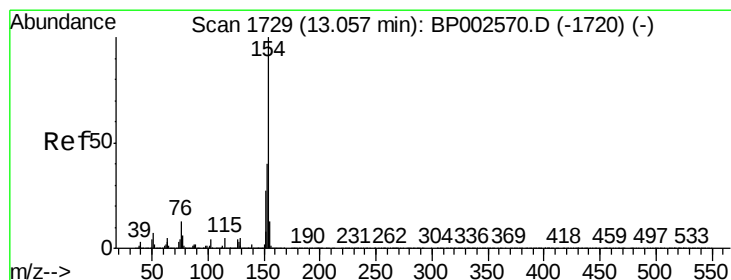
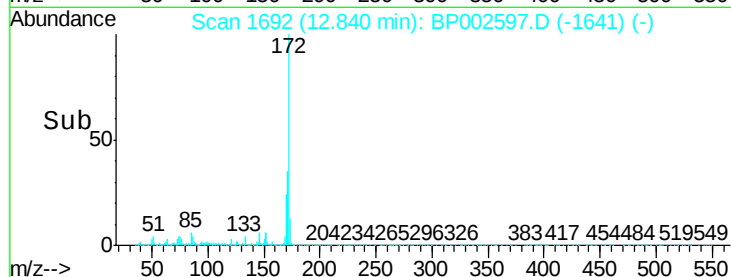
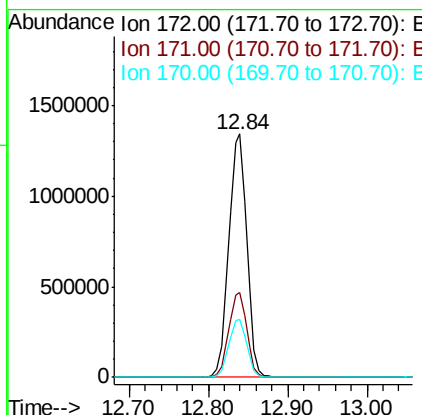
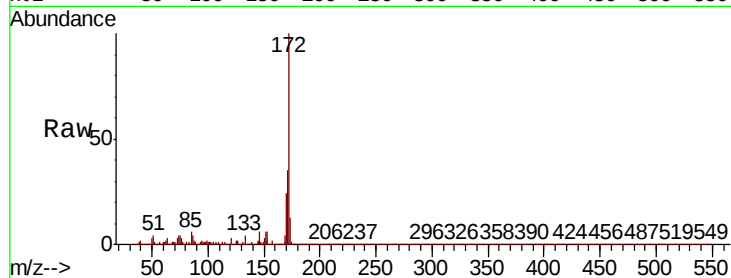




#45
2-Fluorobiphenyl
Concen: 68.506 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

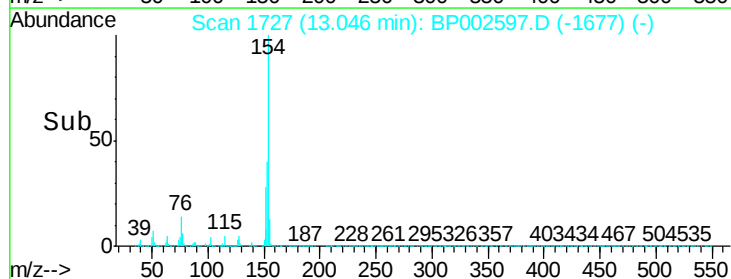
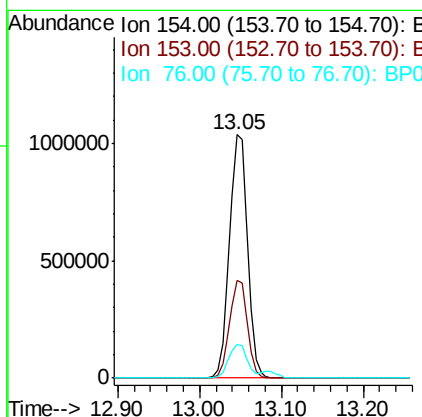
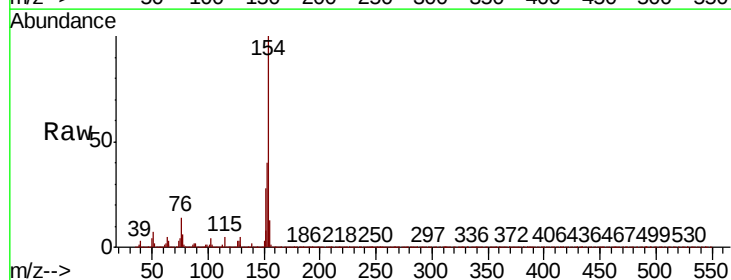
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

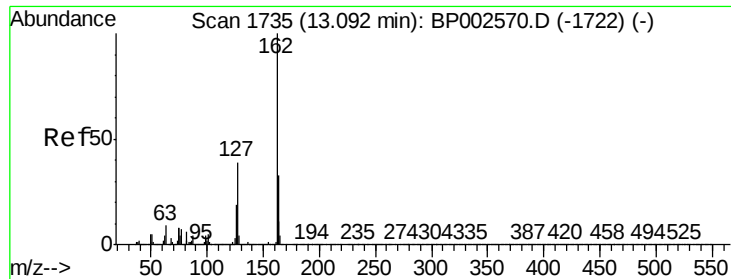
Tot Ion:172 Resp: 2099357
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.944 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:154 Resp: 1601624
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 14.0 0.0 33.0

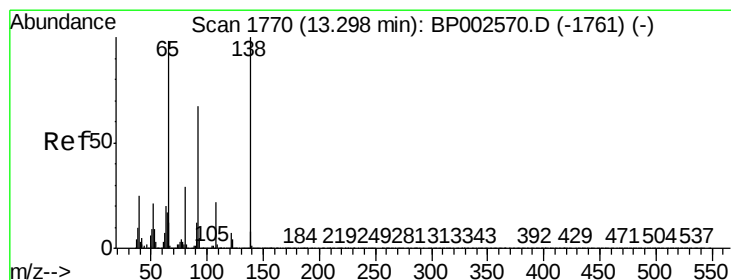
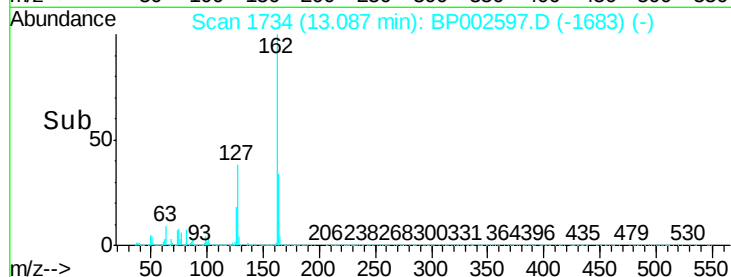
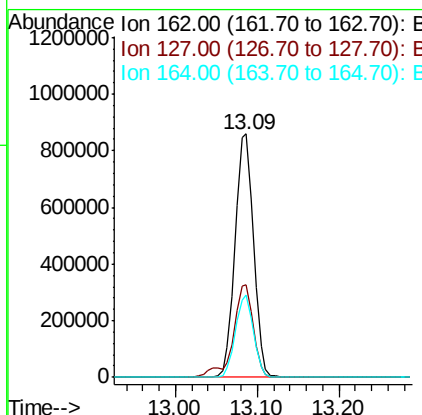
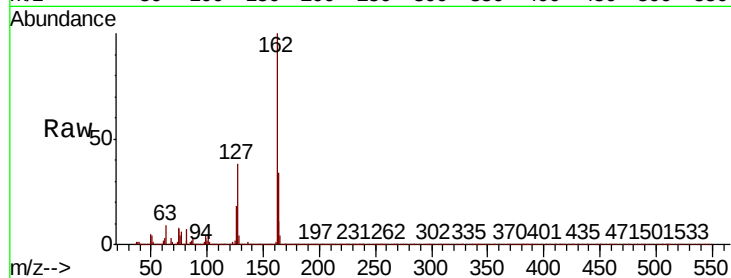




#47
2-Chloronaphthalene
Concen: 48.826 ng
RT: 13.09 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

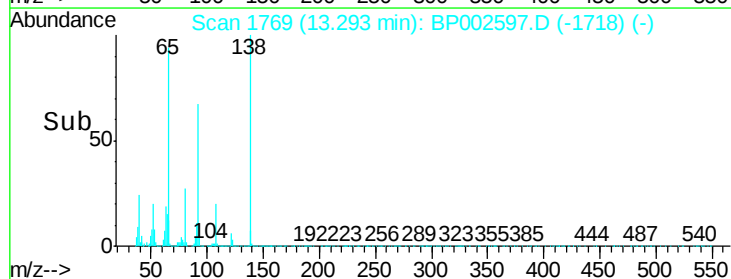
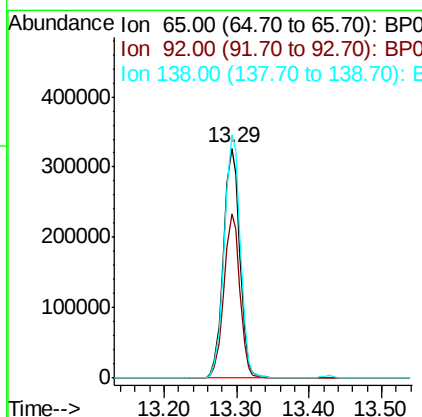
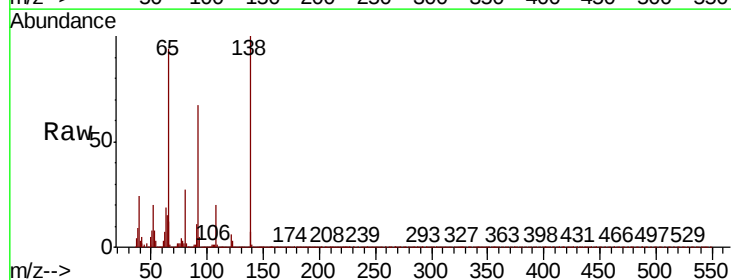
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

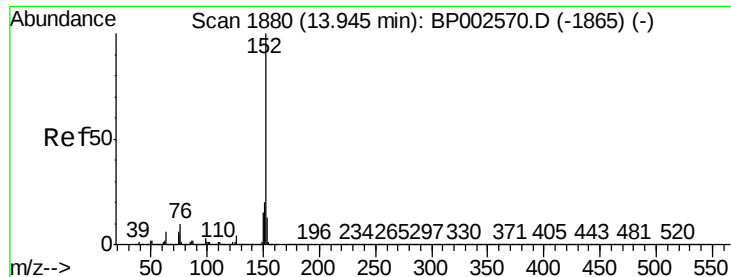
Tot Ion:162 Resp: 1356032
Ion Ratio Lower Upper
162 100
127 37.8 31.7 47.5
164 33.7 27.3 40.9



#48
2-Nitroaniline
Concen: 57.828 ng
RT: 13.29 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion: 65 Resp: 512356
Ion Ratio Lower Upper
65 100
92 71.3 54.2 81.4
138 106.0 79.8 119.8





#49

Acenaphthylene

Concen: 48.886 ng

RT: 13.94 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

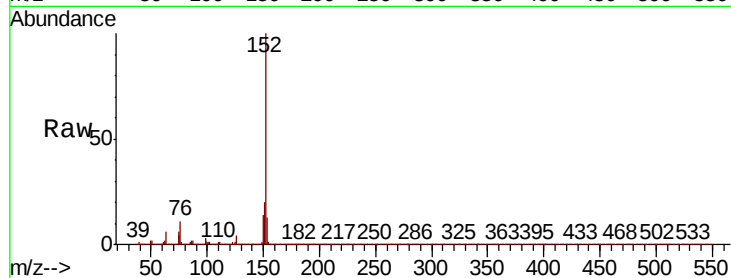
BNA_P

ClientSampleId :

BU-03-062620MS

Tot Ion:152 Resp: 2136724

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.1	10.2	15.2

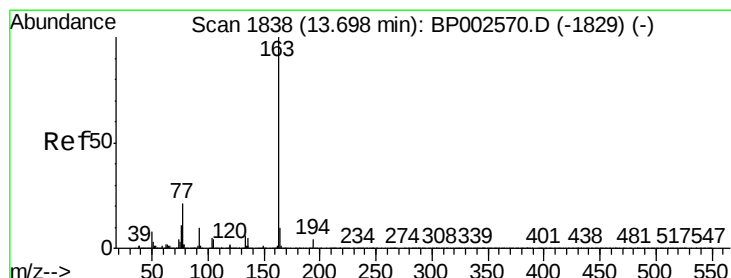
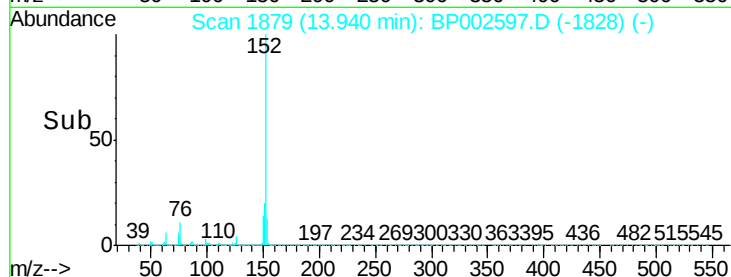
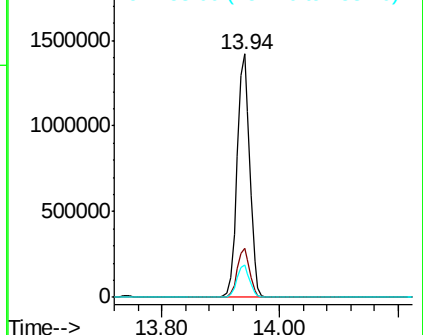


Abundance

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: 59.815 ng

RT: 13.69 min Scan# 1837

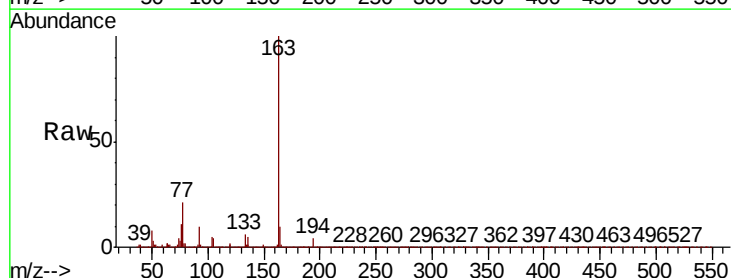
Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Tgt Ion:163 Resp: 2118987

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.2	12.4

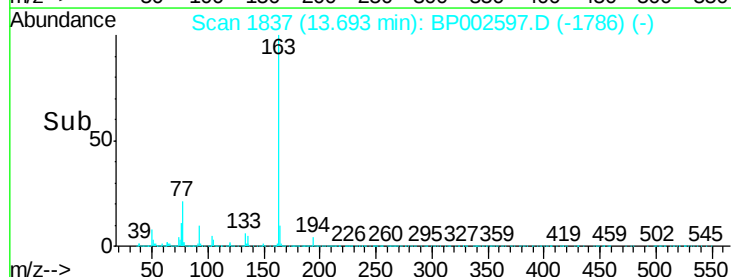
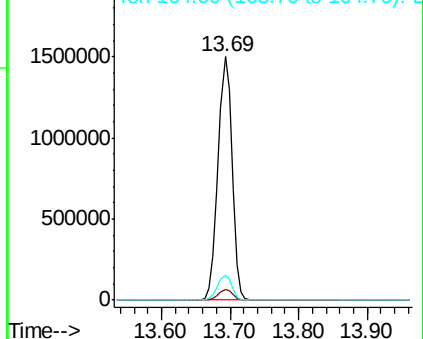


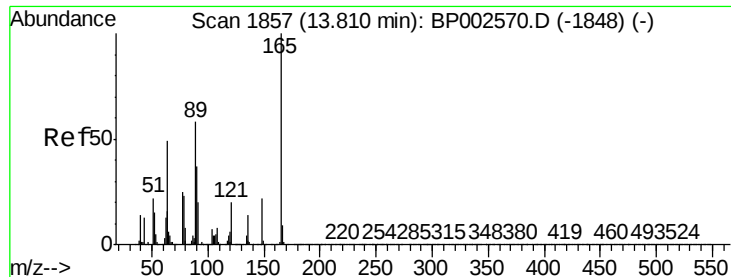
Abundance

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

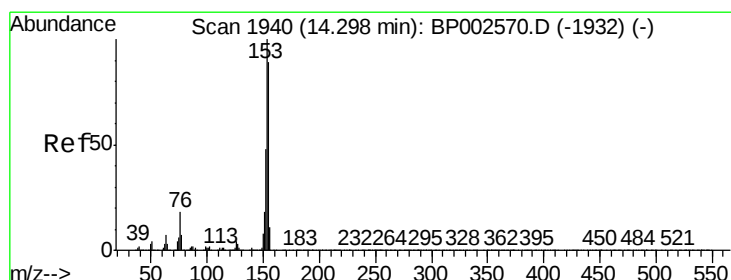
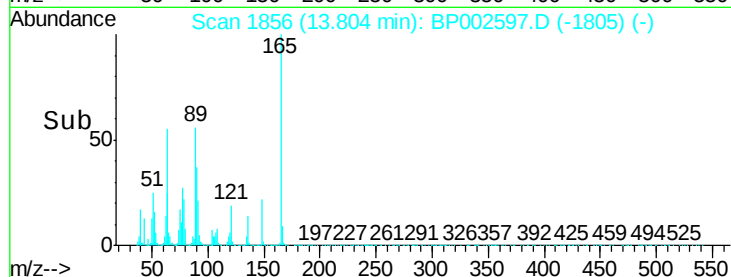
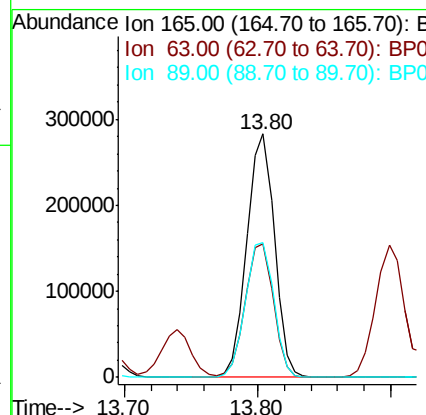
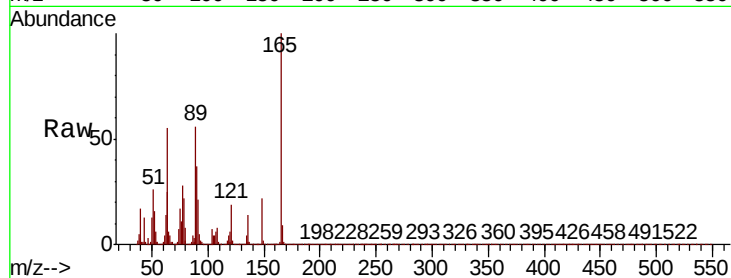




#51
 2,6-Dinitrotoluene
 Concen: 52.828 ng
 RT: 13.80 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

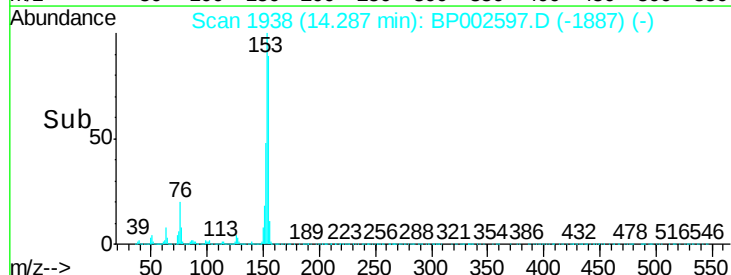
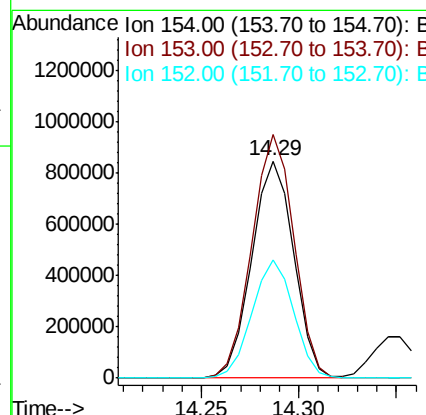
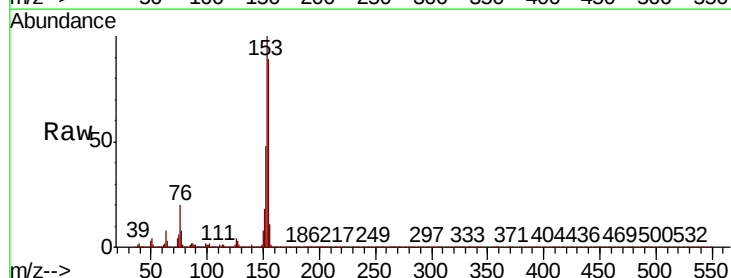
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MS

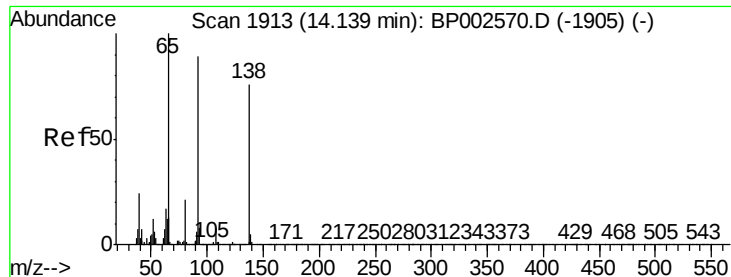
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.7	46.6	69.8
89	55.6	46.3	69.5



#52
 Acenaphthene
 Concen: 49.016 ng
 RT: 14.29 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.1	133.7
152	54.3	43.2	64.8

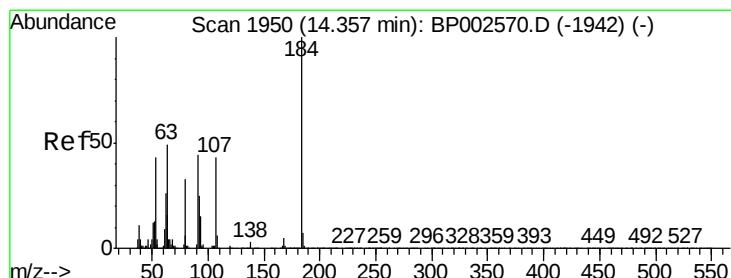
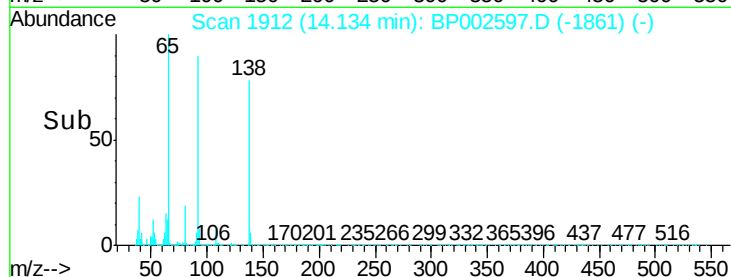
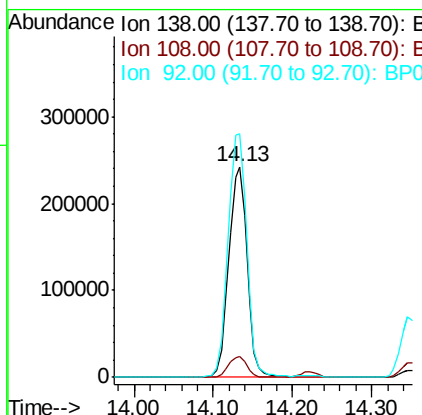
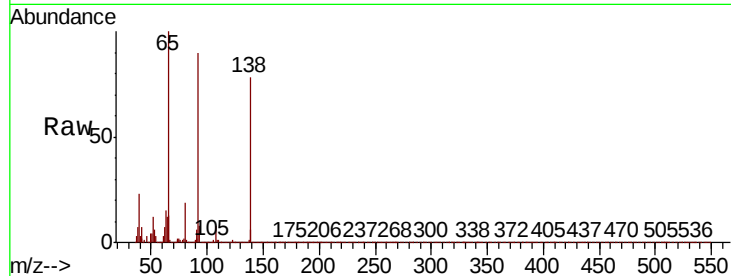




#53
3-Nitroaniline
Concen: 46.624 ng
RT: 14.13 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

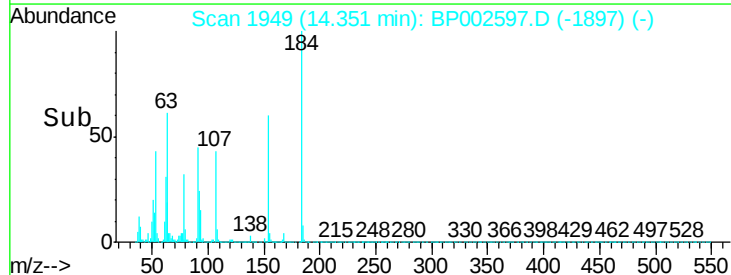
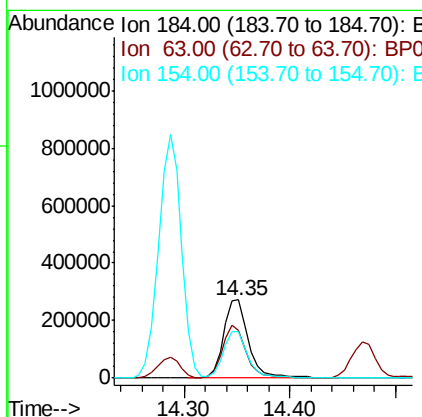
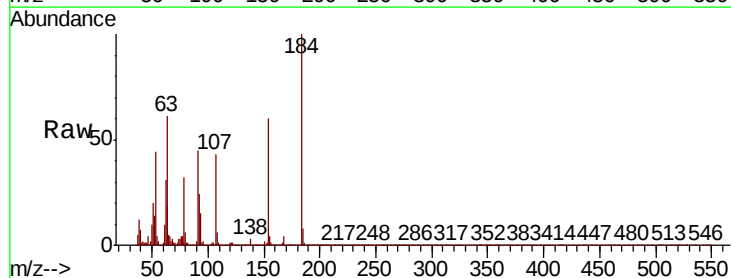
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

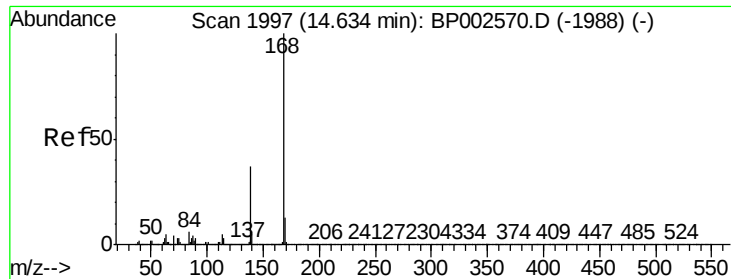
Tot Ion:138 Resp: 388413
Ion Ratio Lower Upper
138 100
108 9.8 8.6 12.8
92 115.7 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 91.967 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:184 Resp: 443258
Ion Ratio Lower Upper
184 100
63 61.2 56.2 84.2
154 59.7 50.9 76.3

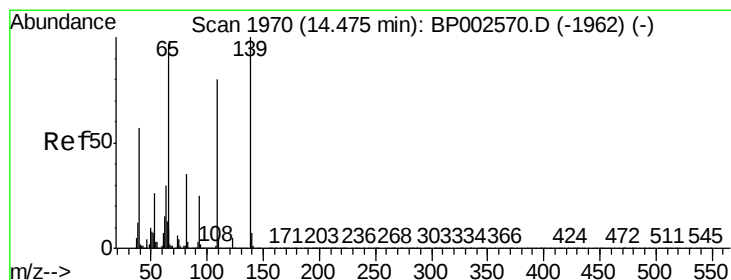
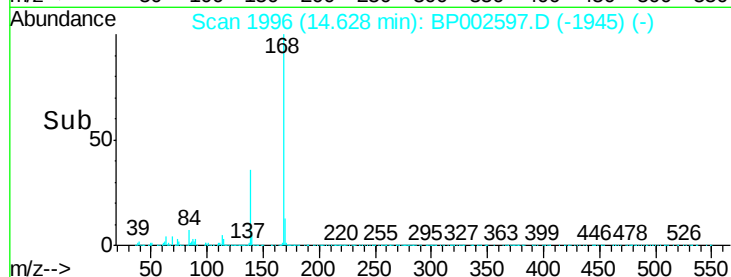
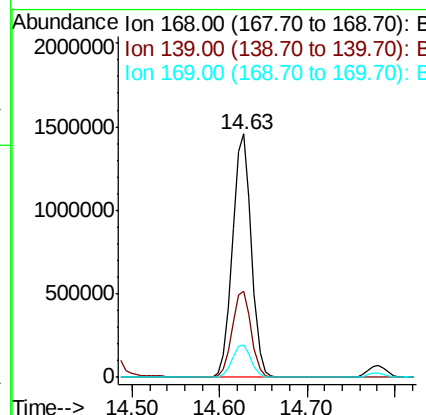
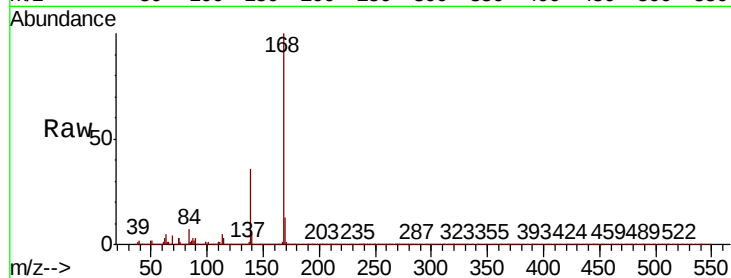




#55
Dibenzofuran
Concen: 51.191 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

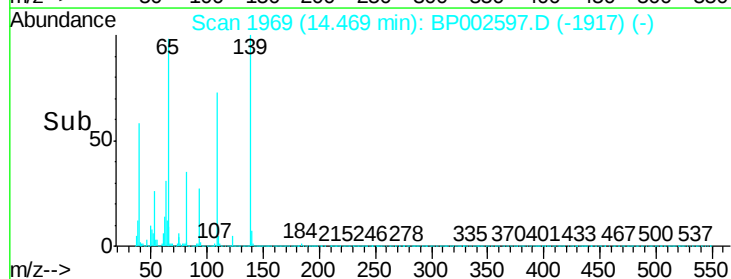
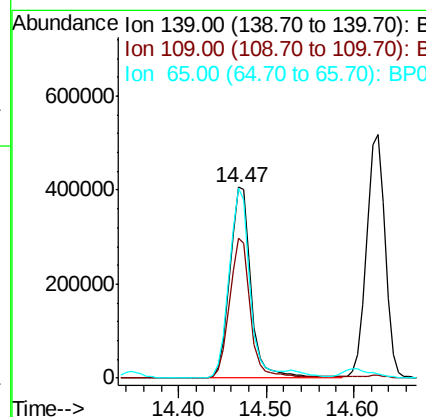
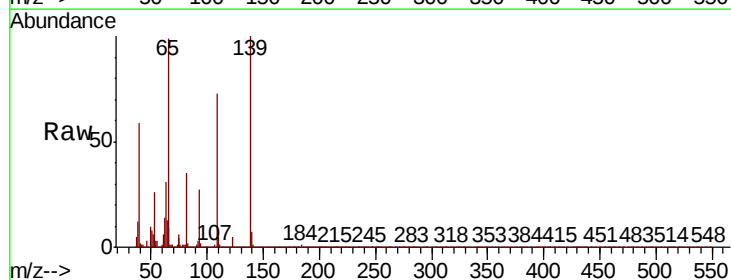
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

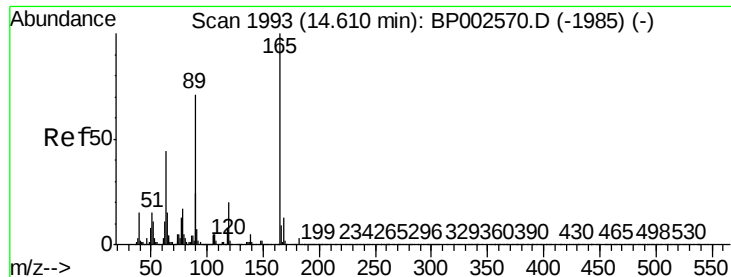
Tot Ion:168 Resp: 2139308
Ion Ratio Lower Upper
168 100
139 35.5 29.3 43.9
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 103.261 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:139 Resp: 683880
Ion Ratio Lower Upper
139 100
109 73.1 60.1 100.1
65 99.2 80.3 120.3

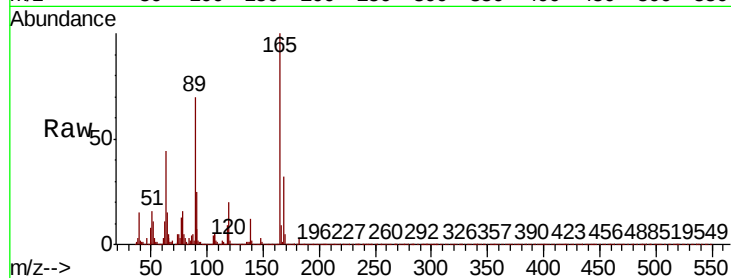




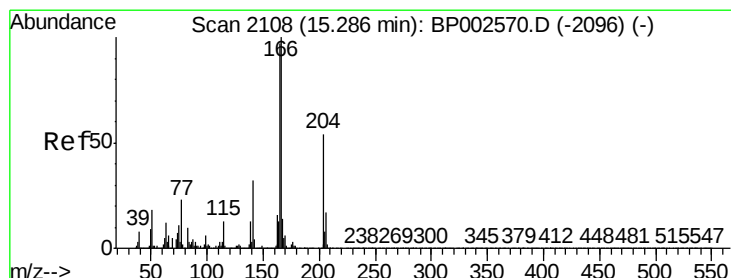
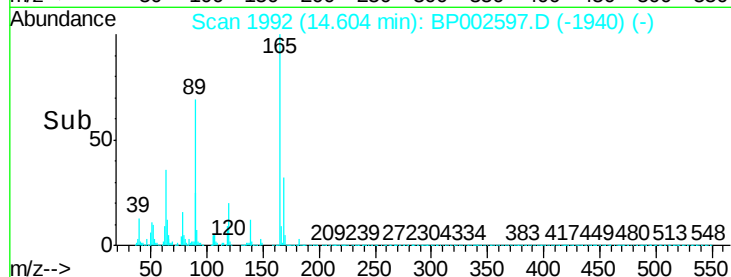
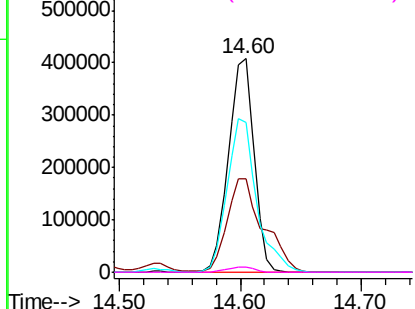
#57
2,4-Dinitrotoluene
Concen: 58.488 ng
RT: 14.60 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

Tot Ion:165 Resp: 601963
Ion Ratio Lower Upper
165 100
63 43.7 37.3 55.9
89 70.3 59.4 89.0
182 2.6 2.2 3.2

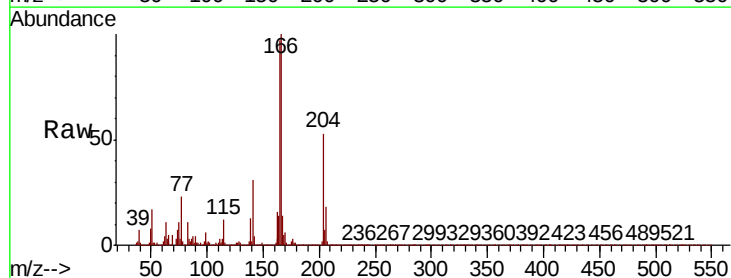


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP
Ion 89.00 (88.70 to 89.70): BP
Ion 182.00 (181.70 to 182.70): E

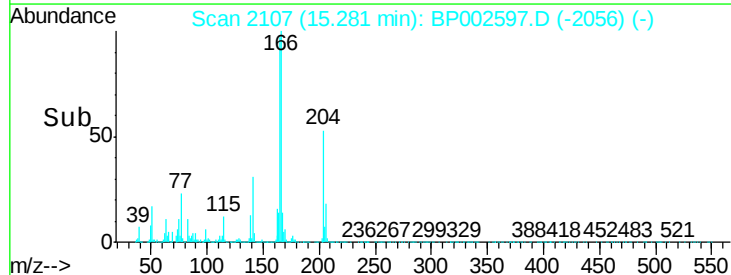
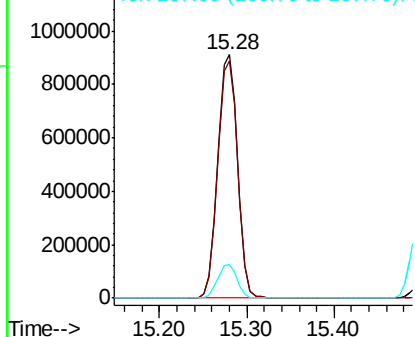


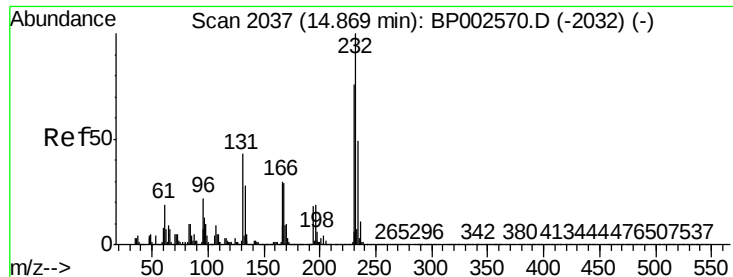
#58
Fluorene
Concen: 45.056 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:166 Resp: 1434058
Ion Ratio Lower Upper
166 100
165 97.5 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

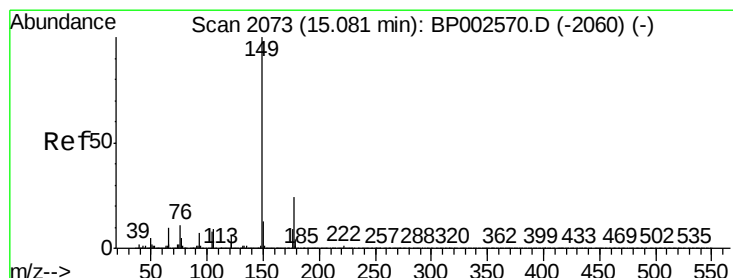
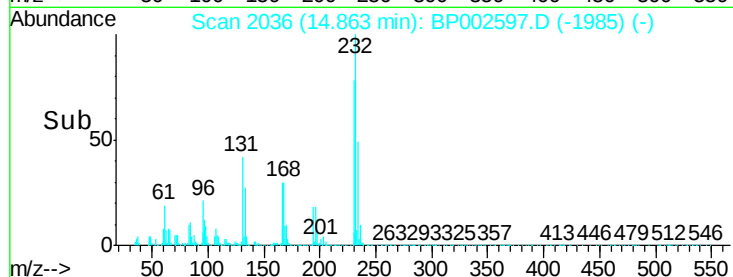
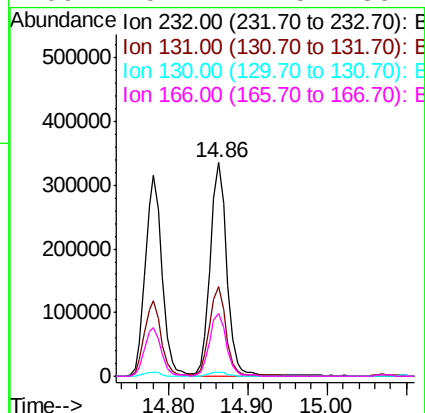
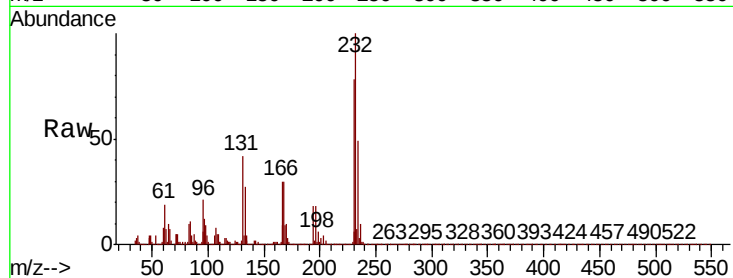




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.584 ng
 RT: 14.86 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

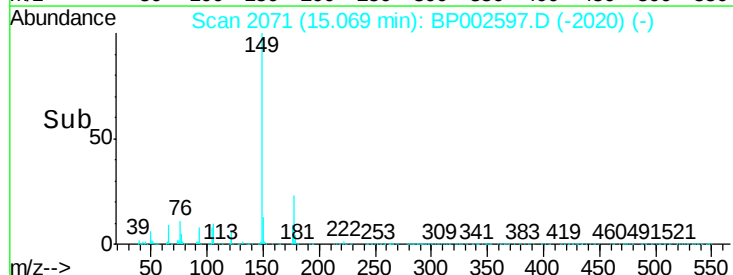
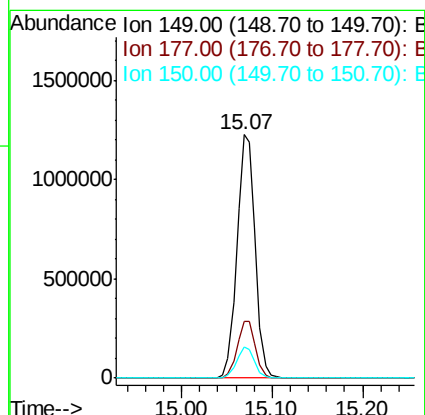
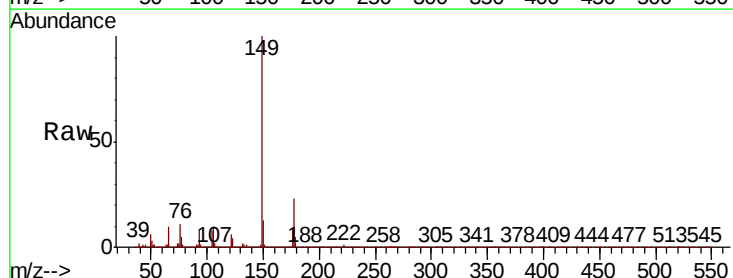
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MS

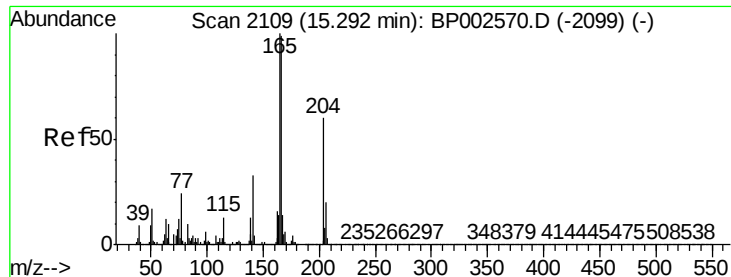
Tot Ion:232	Resp:	492569
Ion	Ratio	Lower Upper
232	100	
131	42.3	34.4 51.6
130	2.2	1.8 2.6
166	29.7	24.5 36.7



#60
 Diethylphthalate
 Concen: 48.960 ng
 RT: 15.07 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

Tgt Ion:149	Resp:	1724669
Ion	Ratio	Lower Upper
149	100	
177	23.3	18.6 27.8
150	12.8	10.2 15.2

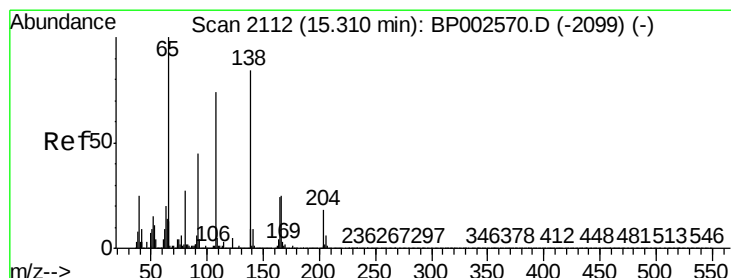
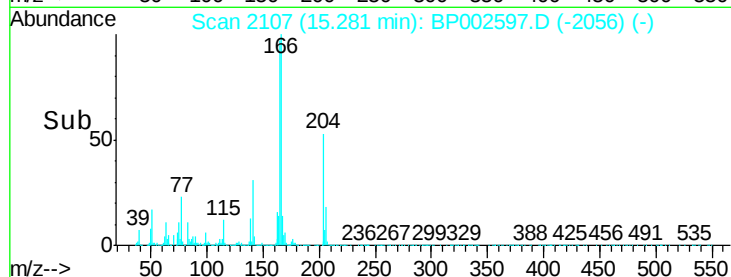
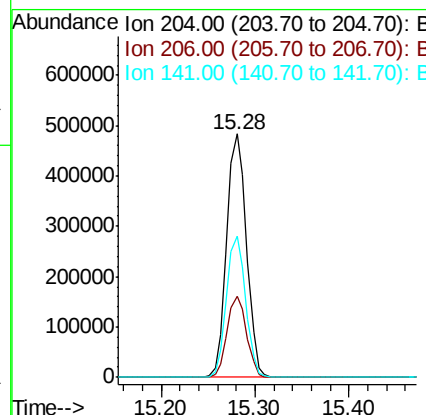
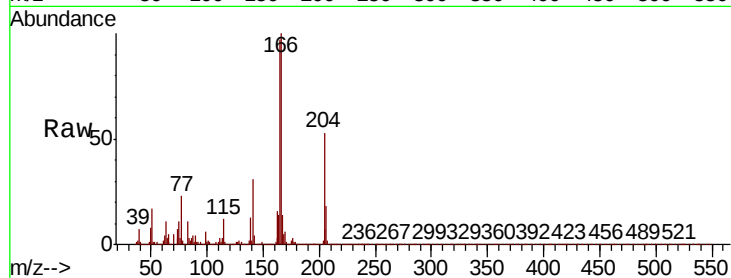




#61
4-Chlorophenyl-phenylether
Concen: 41.521 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

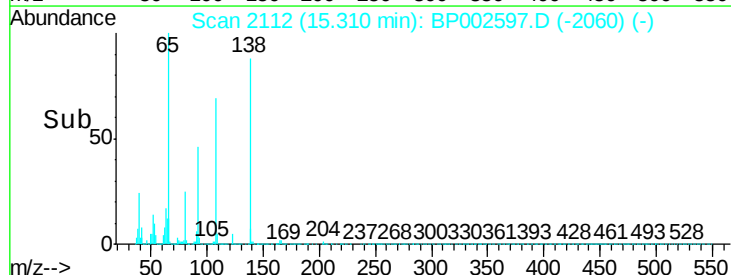
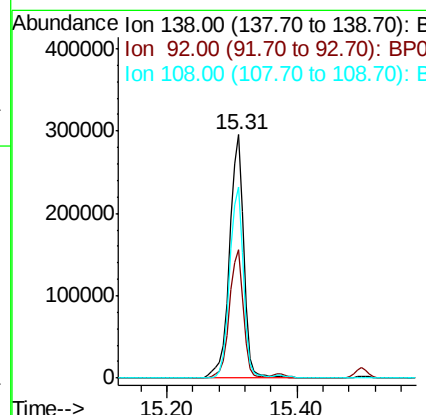
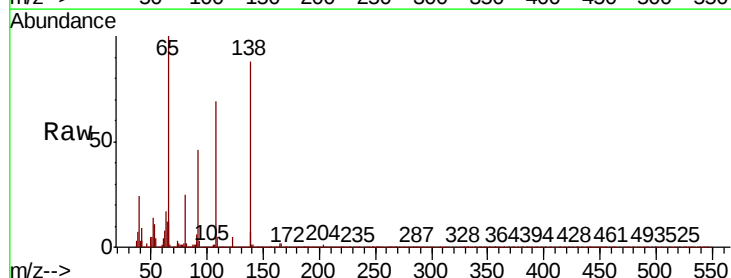
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

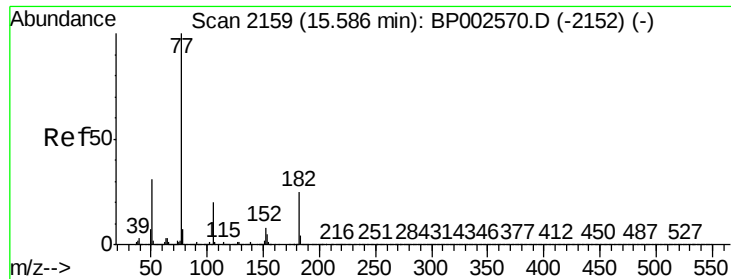
Tot Ion:204 Resp: 708703
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 58.1 47.7 71.5



#62
4-Nitroaniline
Concen: 54.128 ng
RT: 15.31 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:138 Resp: 450692
Ion Ratio Lower Upper
138 100
92 52.8 33.9 73.9
108 78.4 67.8 107.8

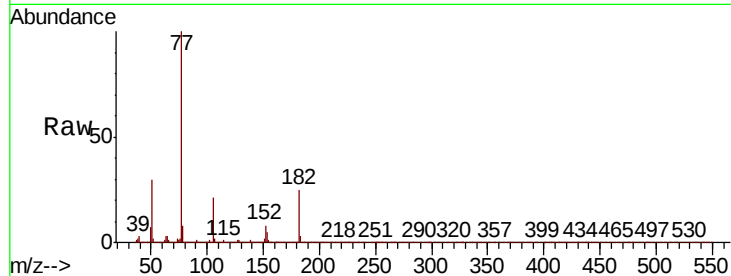




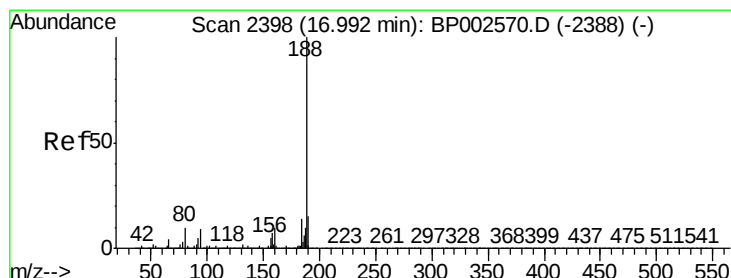
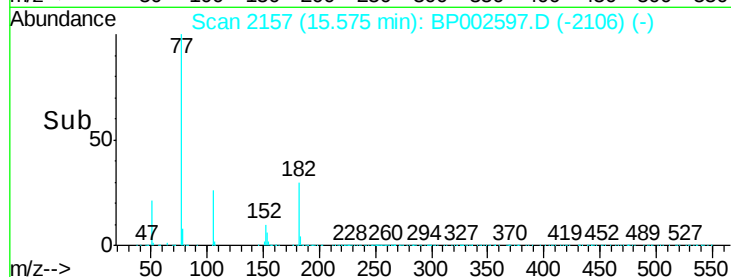
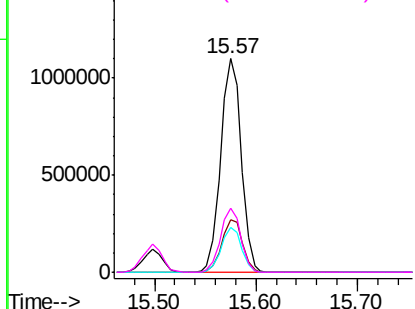
#63
Azobenzene
Concen: 45.412 ng
RT: 15.57 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

Tot Ion: 77 Resp: 1546774
Ion Ratio Lower Upper
77 100
182 24.8 4.7 44.7
105 21.1 0.6 40.6
51 30.2 11.2 51.2

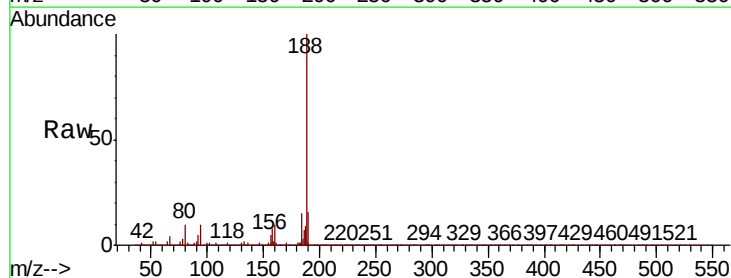


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

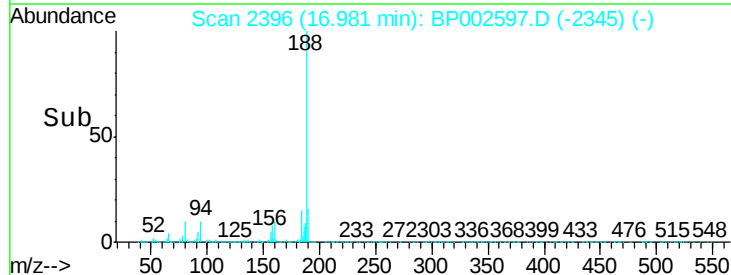
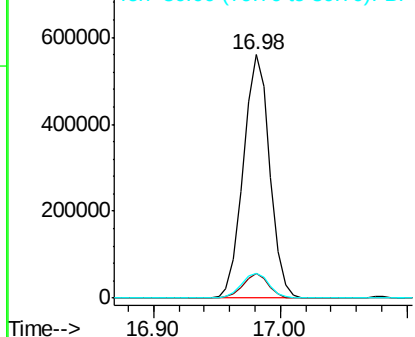


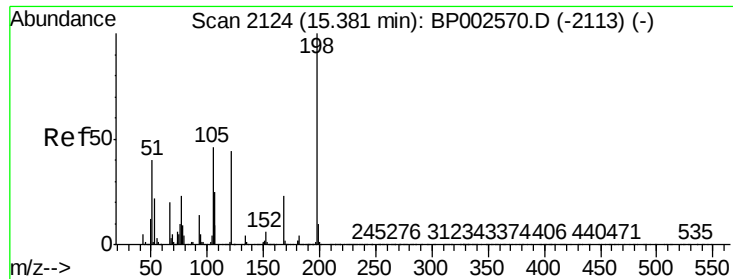
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion: 188 Resp: 806066
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.4 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

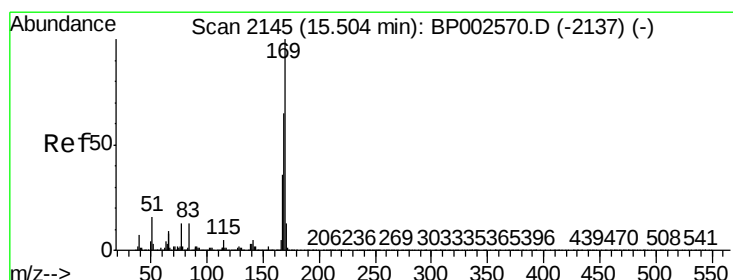
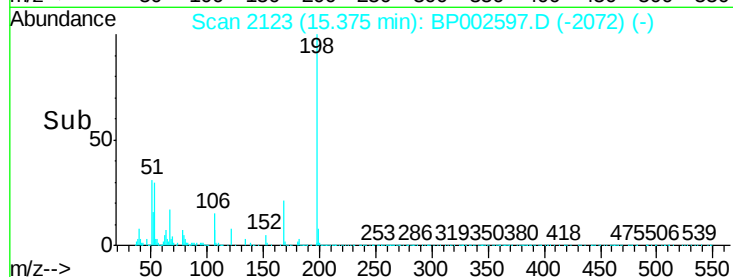
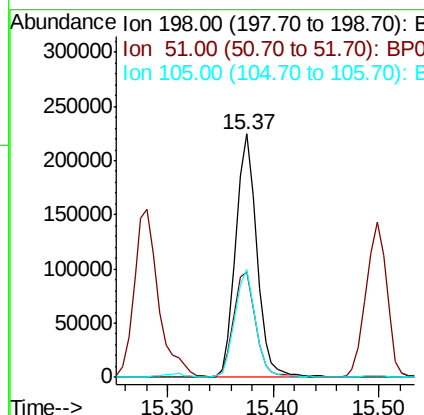
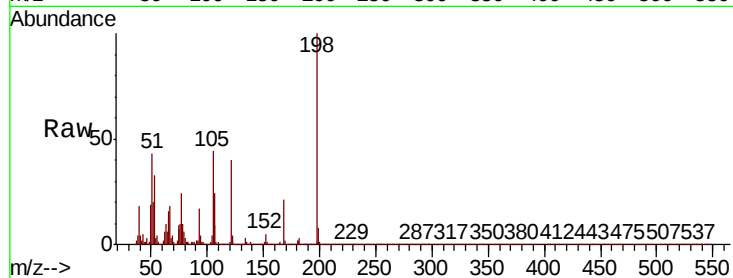




#65
4,6-Dinitro-2-methylphenol
Concen: 58.986 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

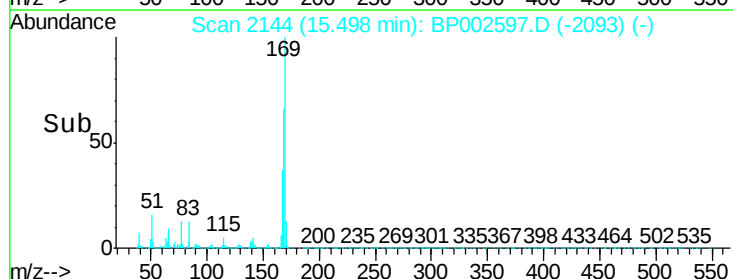
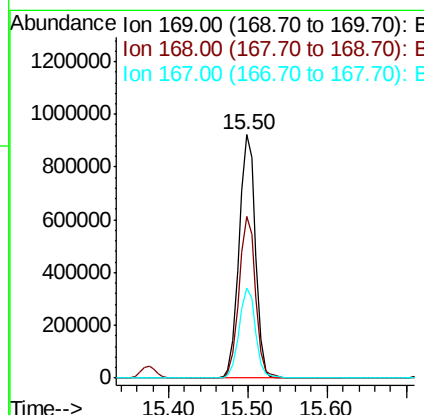
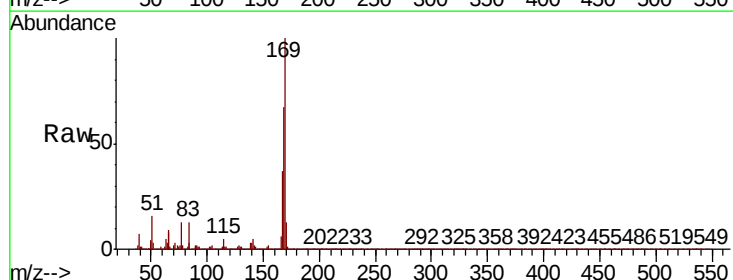
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

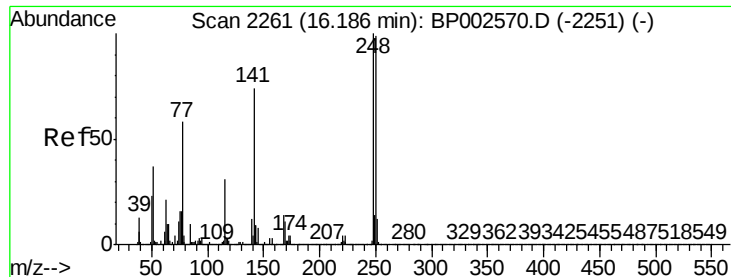
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.4	24.2	64.2
105	44.3	20.7	60.7



#66
n-Nitrosodiphenylamine
Concen: 55.635 ng
RT: 15.50 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.5	80.3
167	37.1	29.1	43.7

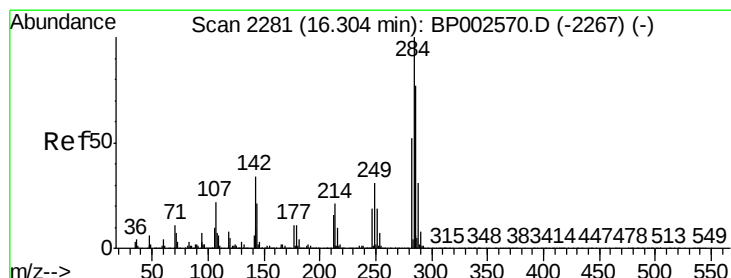
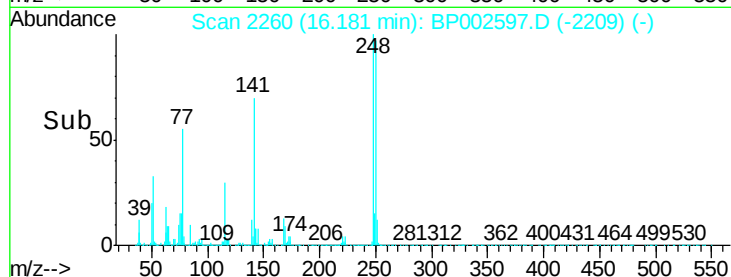
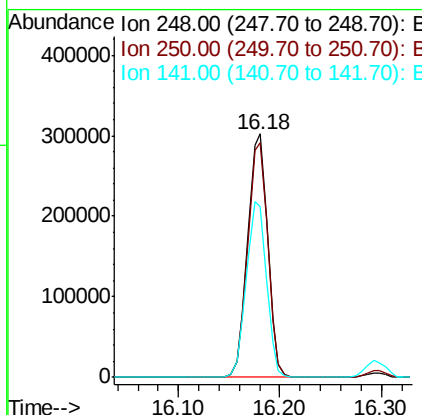
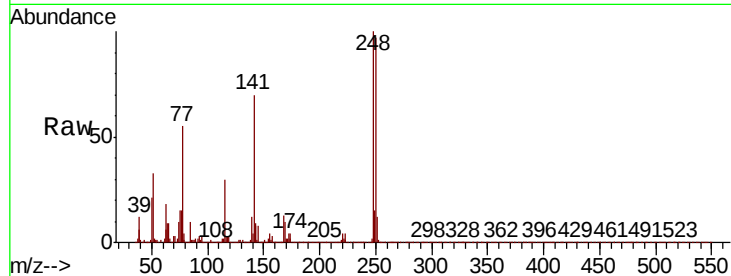




#67
4-Bromophenyl-phenylether
Concen: 45.799 ng
RT: 16.18 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

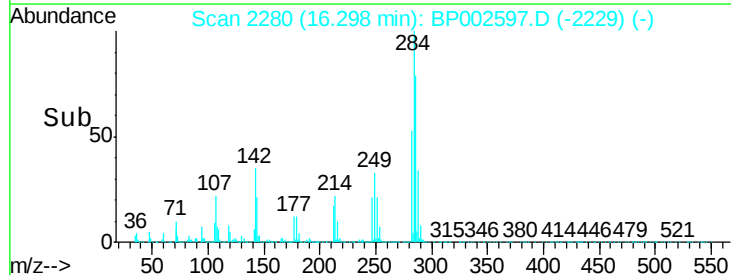
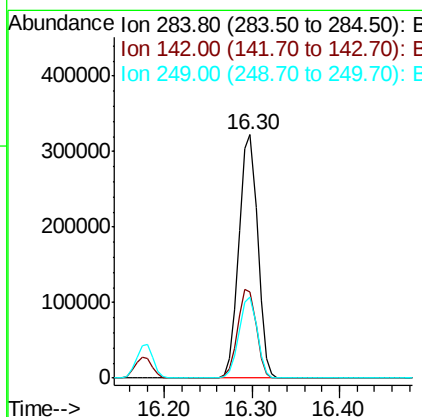
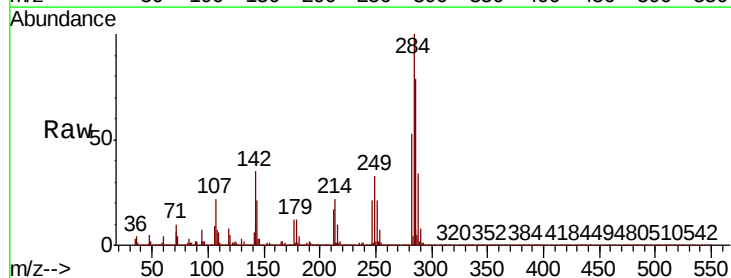
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

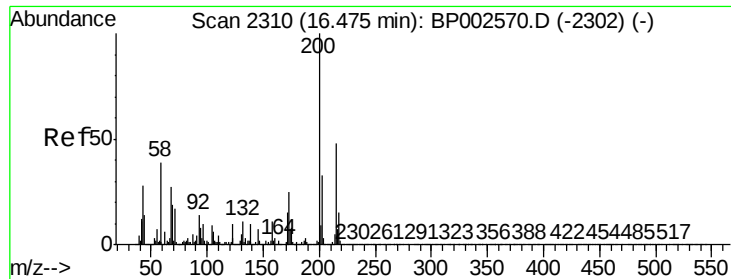
Tot Ion:248 Resp: 414858
Ion Ratio Lower Upper
248 100
250 96.6 76.1 114.1
141 70.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.552 ng
RT: 16.30 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:284 Resp: 461445
Ion Ratio Lower Upper
284 100
142 35.3 26.6 40.0
249 33.1 25.1 37.7





#69

Atrazine

Concen: 51.601 ng

RT: 16.46 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

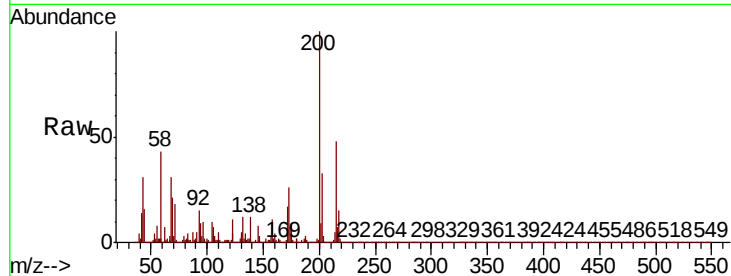
Tot Ion:200 Resp: 389615

Ion Ratio Lower Upper

200 100

173 25.6 6.3 46.3

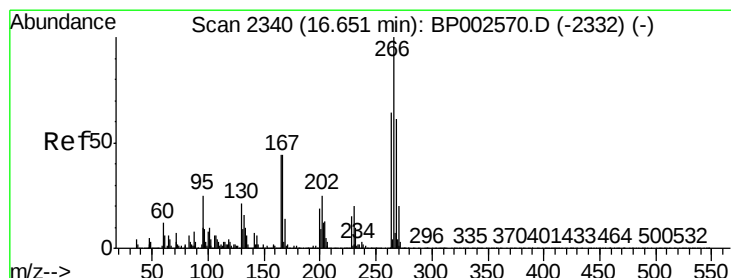
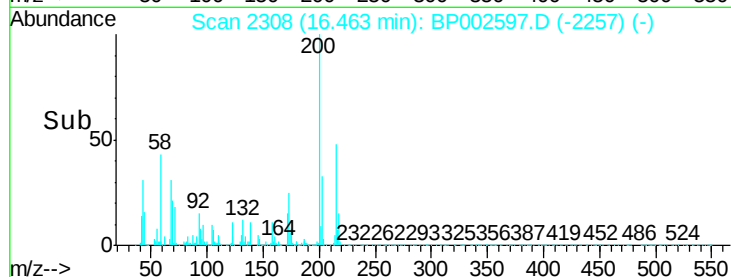
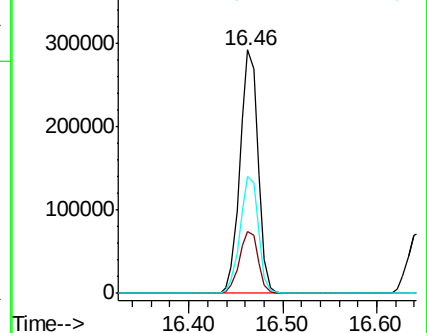
215 47.9 28.3 68.3



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: 104.285 ng

RT: 16.65 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

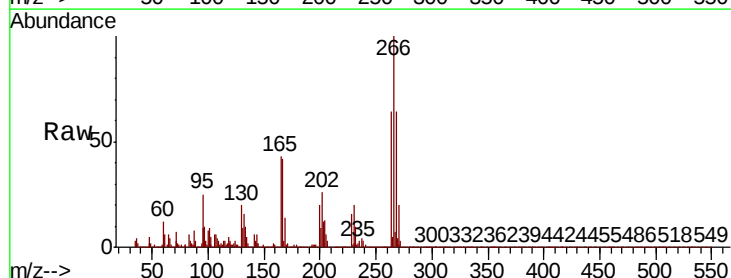
Tgt Ion:266 Resp: 582978

Ion Ratio Lower Upper

266 100

268 63.6 49.7 74.5

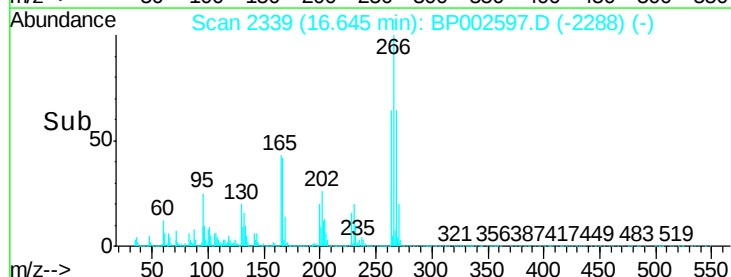
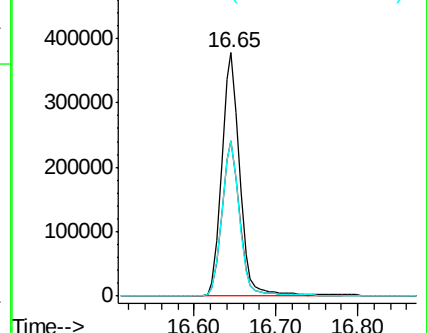
264 63.6 49.3 73.9

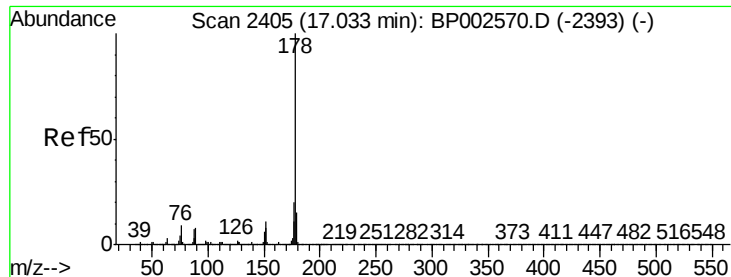


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.001 ng

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

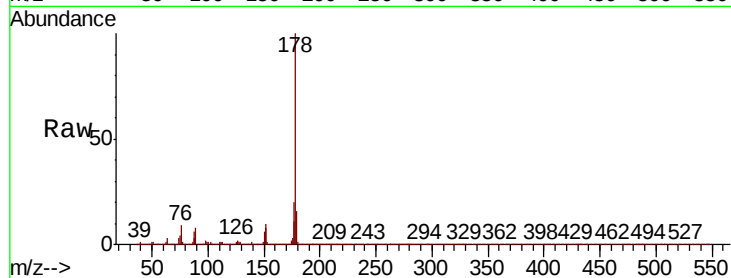
BNA_P

ClientSampleId :

BU-03-062620MS

Tot Ion:178 Resp: 2168547

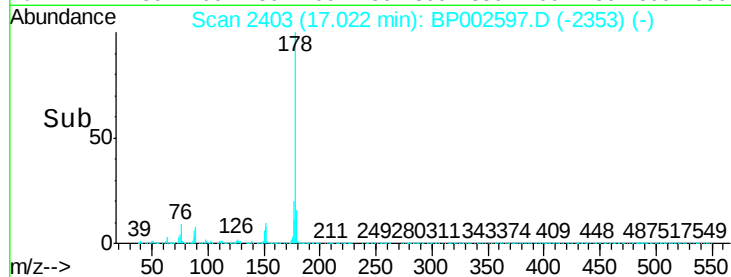
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.6	12.1	18.1



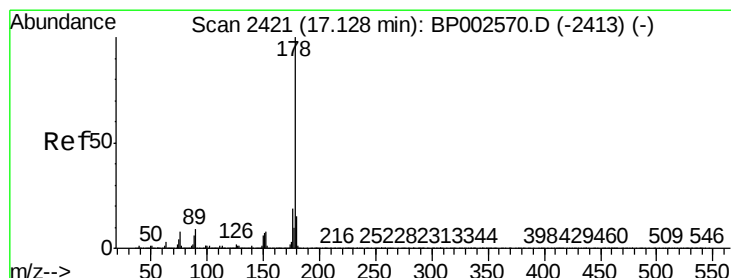
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 50.267 ng

RT: 17.12 min Scan# 2419

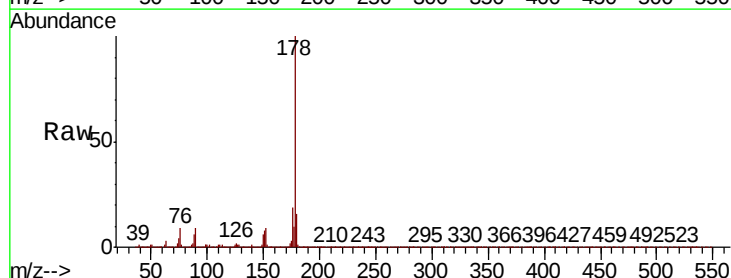
Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Tgt Ion:178 Resp: 2169402

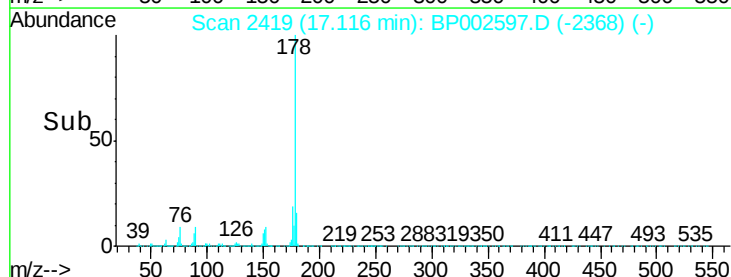
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.7	12.2	18.2



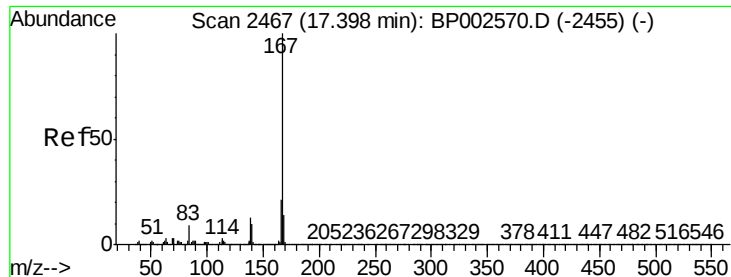
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



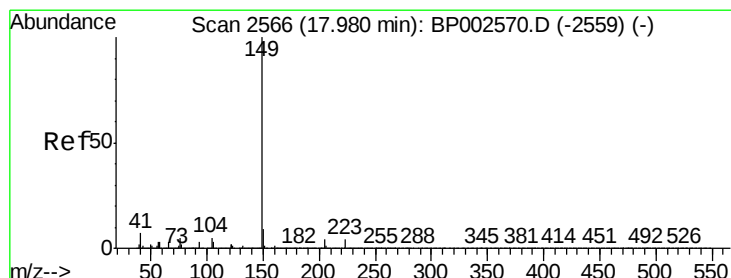
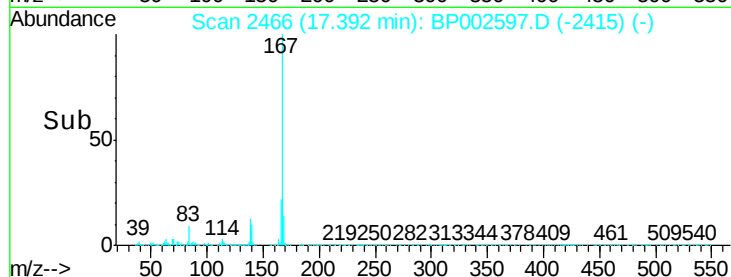
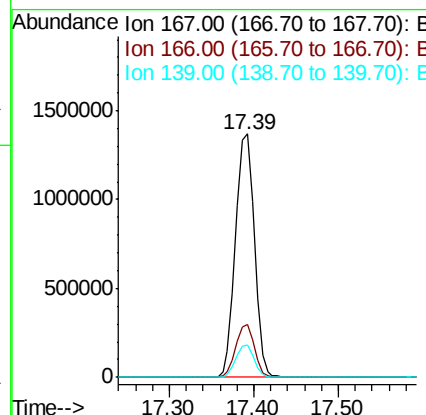
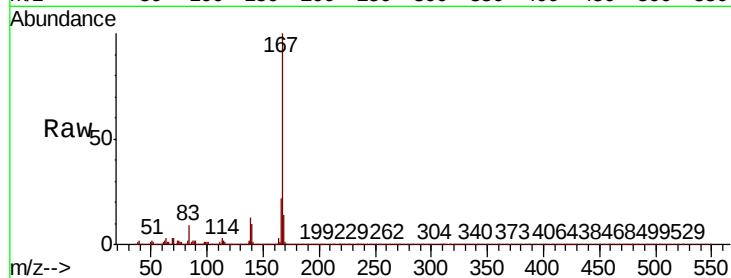
Time-->



#73
 Carbazole
 Concen: 50.463 ng
 RT: 17.39 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

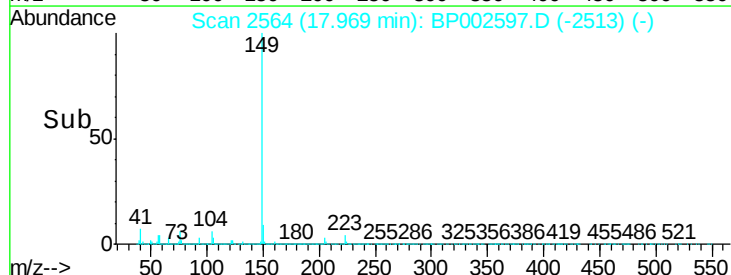
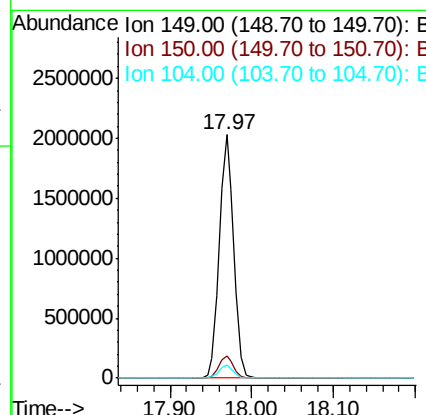
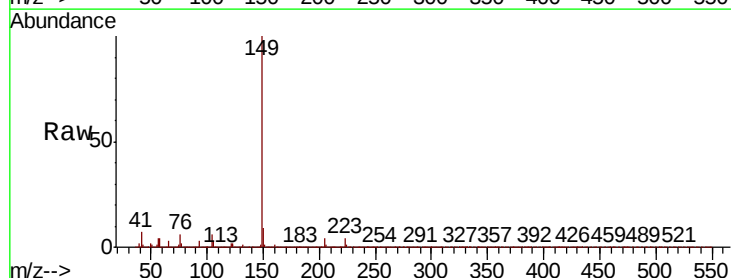
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MS

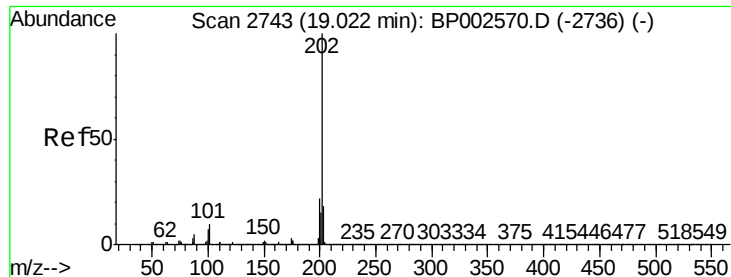
Tot Ion:167 Resp: 2104762
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 50.466 ng
 RT: 17.97 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BP002597.D
 Acq: 01 Jul 2020 09:48

Tgt Ion:149 Resp: 2478930
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 52.154 ng

RT: 19.01 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

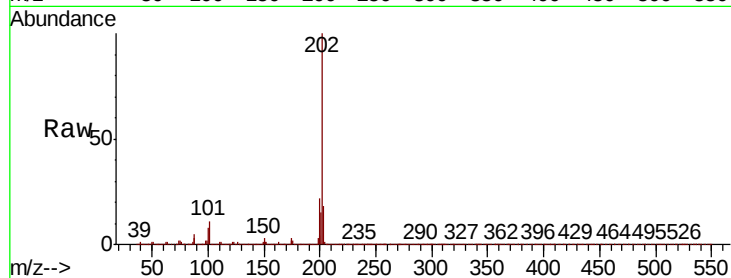
BNA_P

ClientSampleId :

BU-03-062620MS

Tot Ion:202 Resp: 2737910

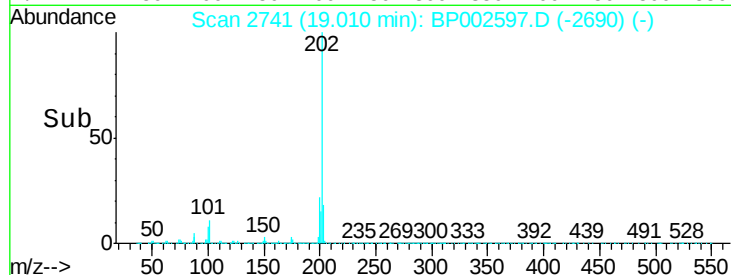
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
203	17.9	0.0	37.7



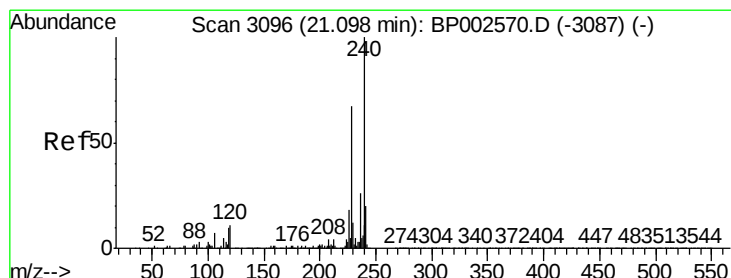
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 18.90 19.00 19.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3095

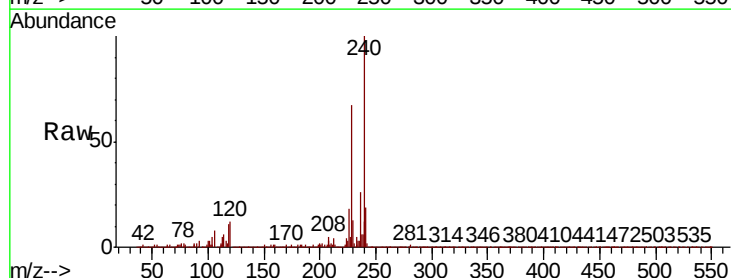
Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Tgt Ion:240 Resp: 988567

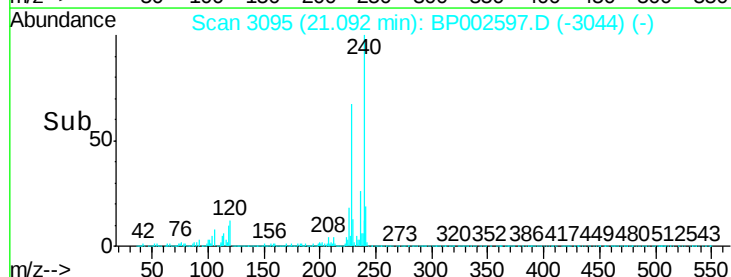
Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.6	13.0
236	26.4	20.8	31.2



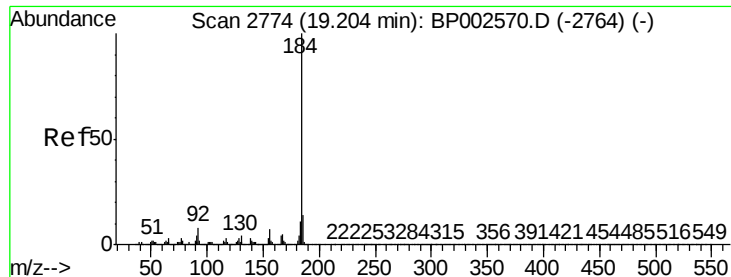
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.10 21.20



#77

Benzidine

Concen: Below Cal

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

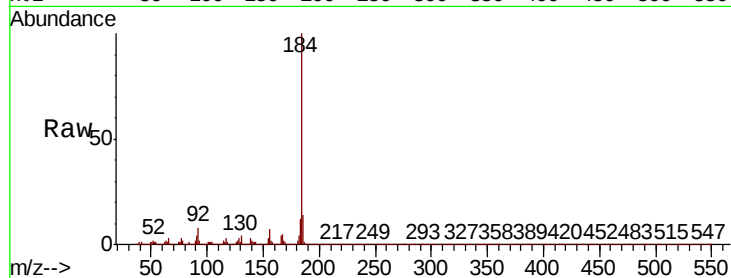
Tot Ion:184 Resp: 2125032

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

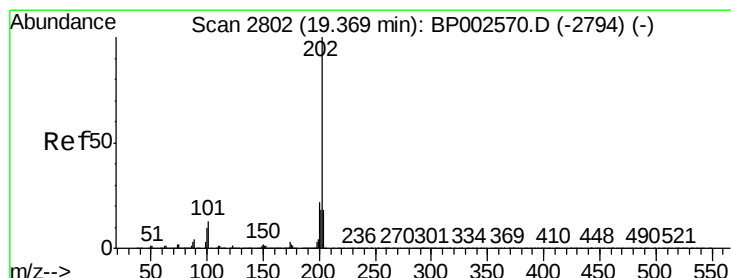
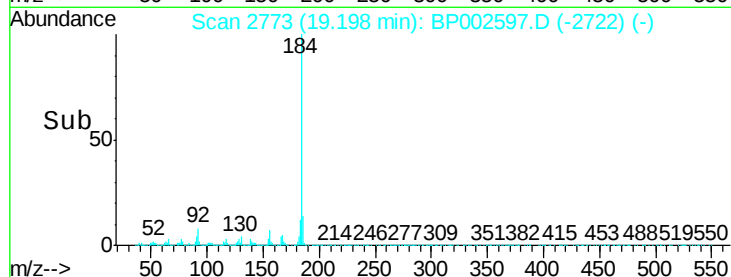
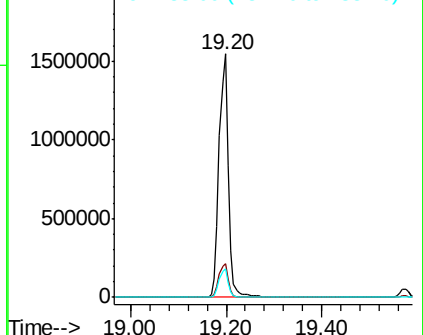
183 11.6 9.2 13.8



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: 54.252 ng

RT: 19.36 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

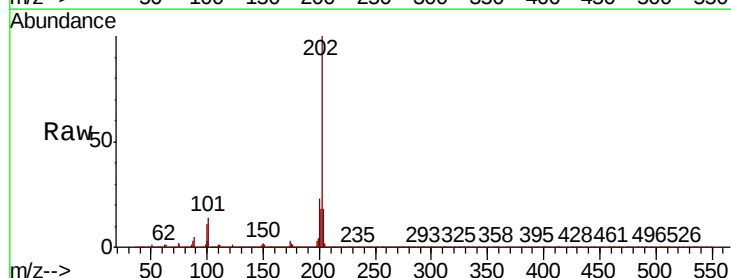
Tgt Ion:202 Resp: 3650511

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

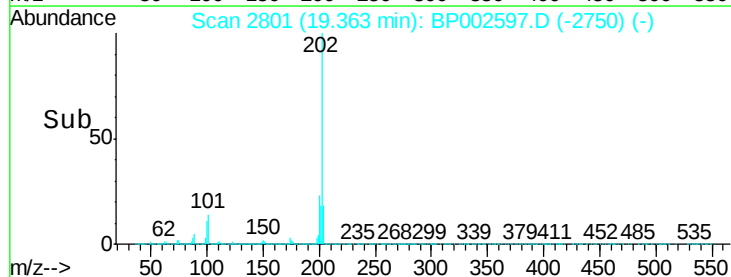
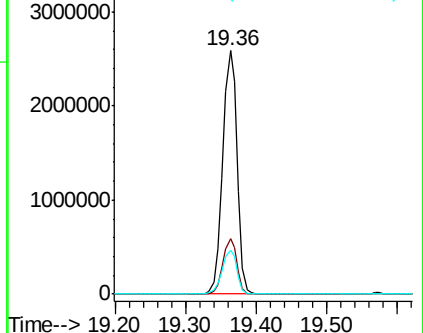
203 18.2 14.4 21.6

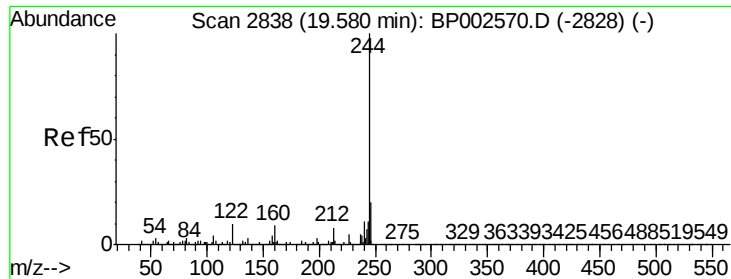


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.353 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

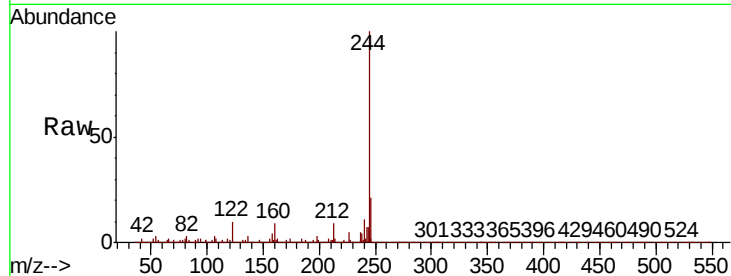
Tot Ion:244 Resp: 4321298

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

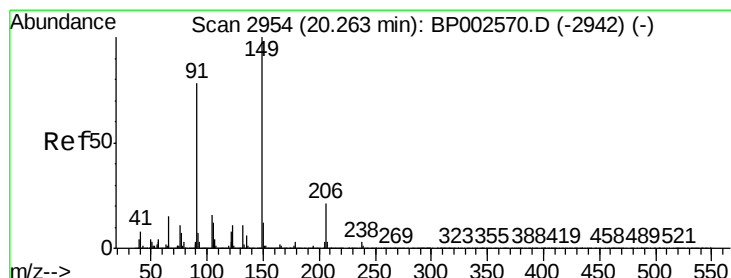
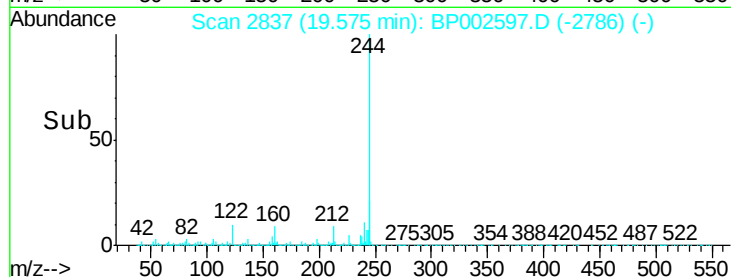
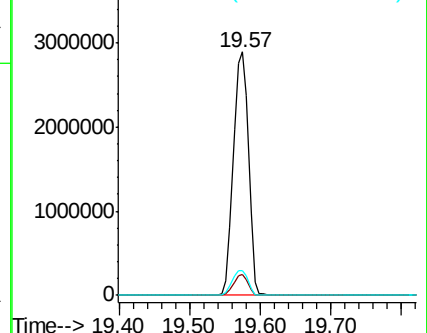
122 10.1 7.9 11.9



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: 50.364 ng

RT: 20.26 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

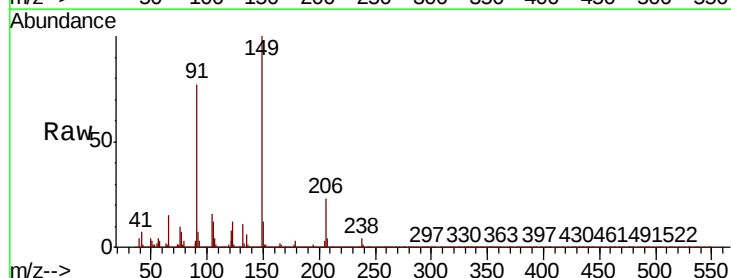
Tgt Ion:149 Resp: 1479492

Ion Ratio Lower Upper

149 100

91 77.0 59.8 89.6

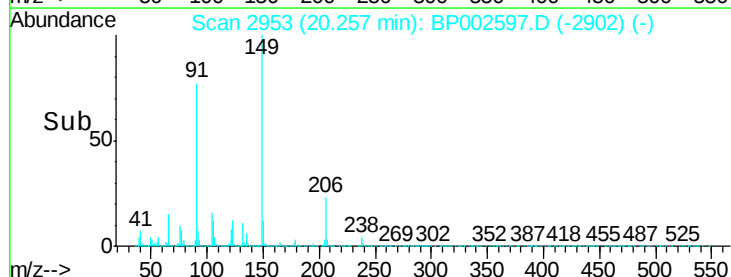
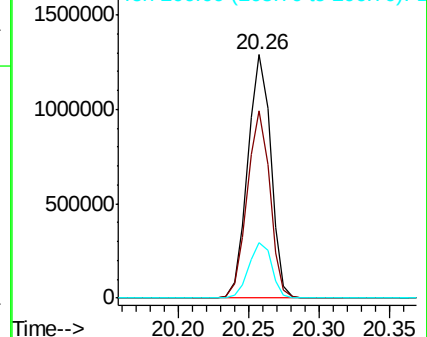
206 23.0 18.2 27.4

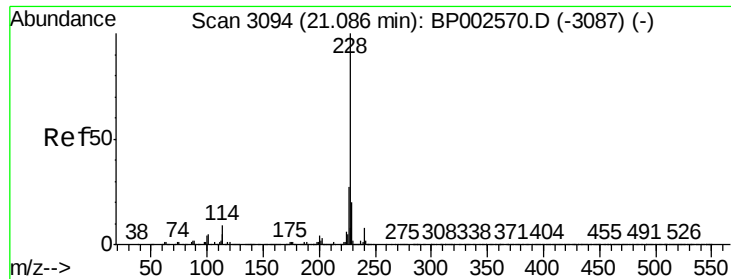


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.940 ng

RT: 21.08 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

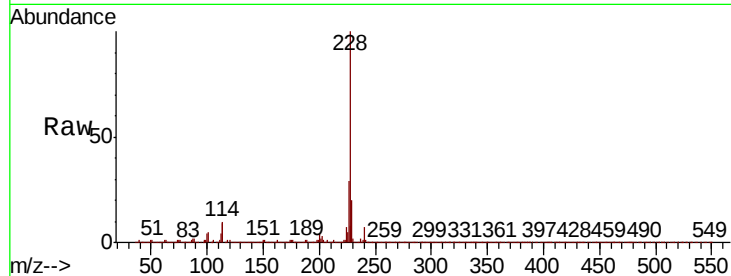
Tot Ion:228 Resp: 3162972

Ion Ratio Lower Upper

228 100

226 29.1 22.5 33.7

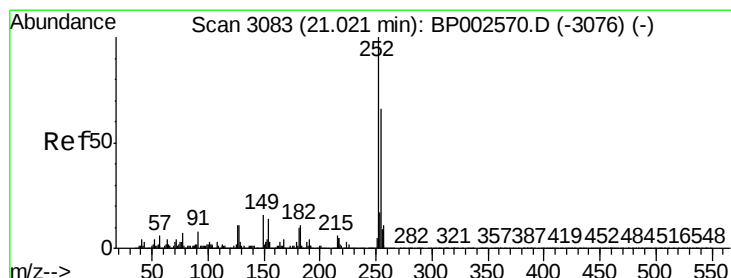
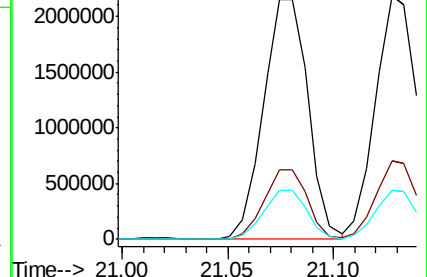
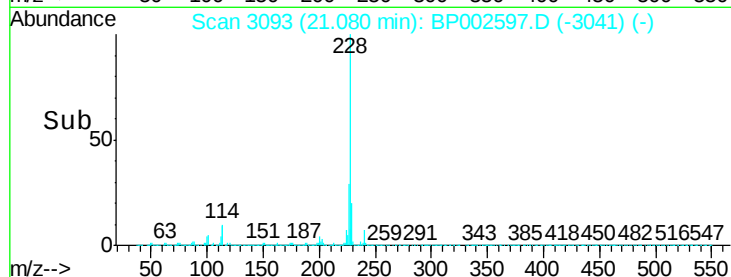
229 20.4 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 50.516 ng

RT: 21.02 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

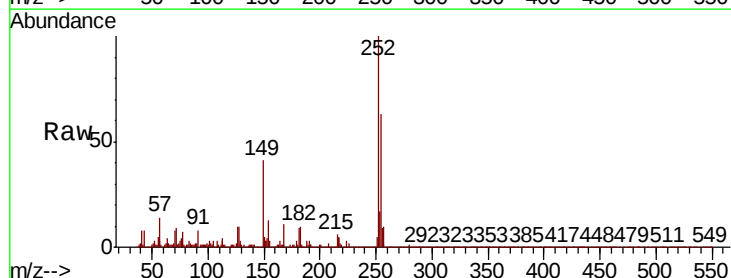
Tgt Ion:252 Resp: 1195270

Ion Ratio Lower Upper

252 100

254 62.7 49.0 73.6

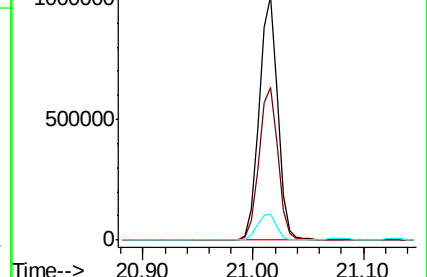
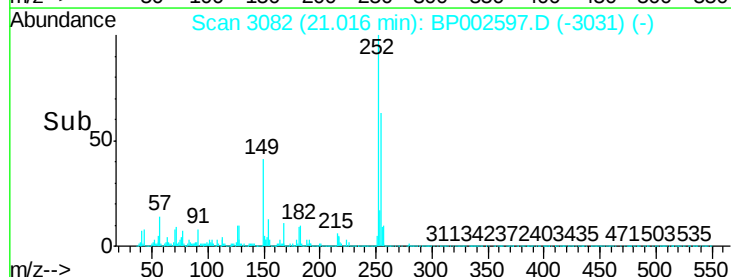
126 10.4 7.9 11.9

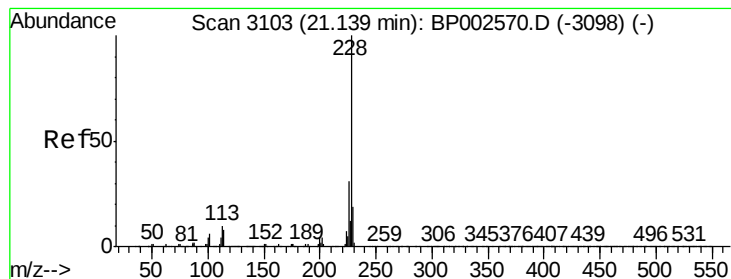


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.535 ng

RT: 21.13 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

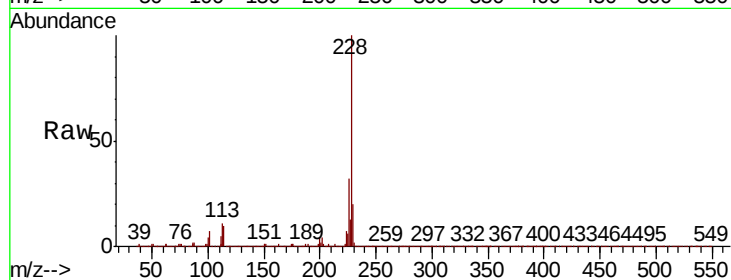
BNA_P

ClientSampleId :

BU-03-062620MS

Tot Ion:228 Resp: 2945951

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	20.3	15.6	23.4

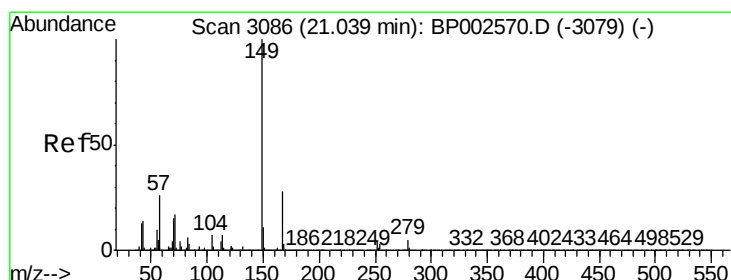
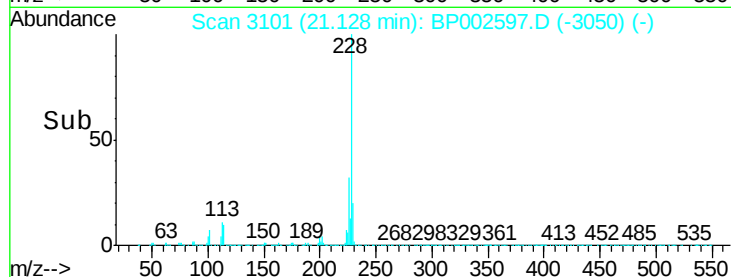
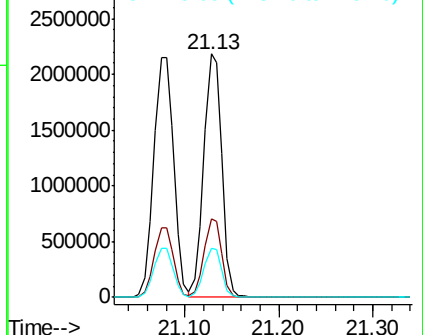


Abundance

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: 48.976 ng

RT: 21.03 min Scan# 3084

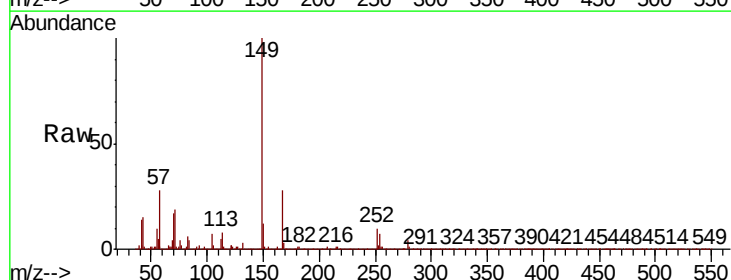
Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Tgt Ion:149 Resp: 2065934

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.4	3.4	5.0

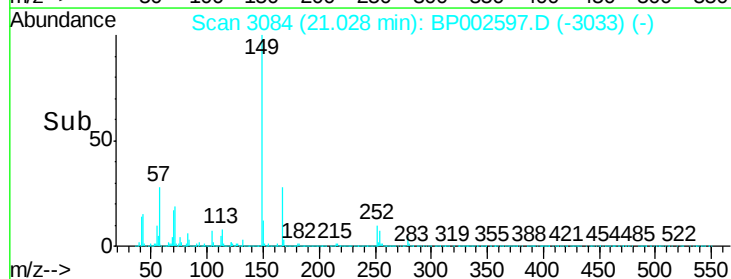
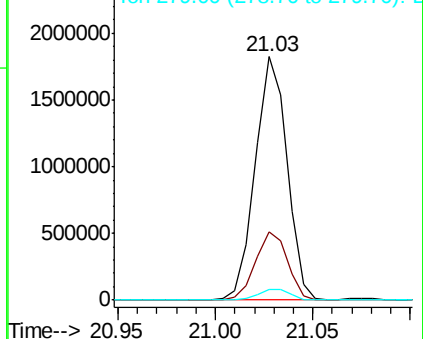


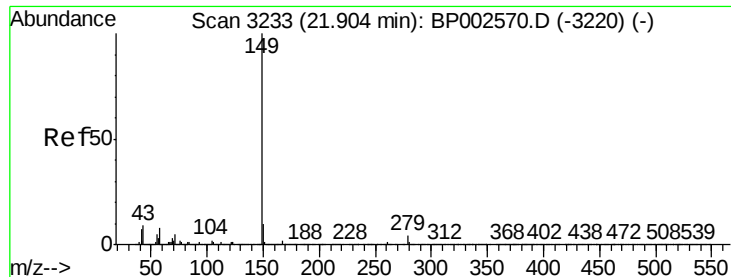
Abundance

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: 40.622 ng

RT: 21.89 min Scan# 3231

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

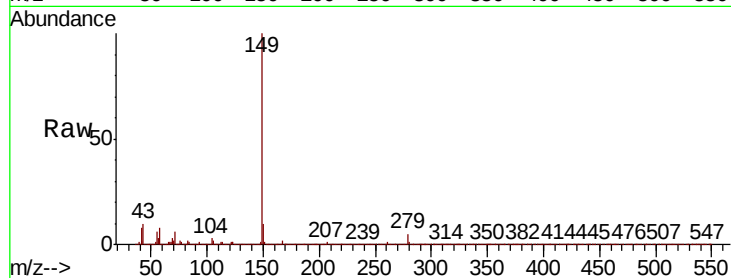
Tot Ion:149 Resp: 3026546

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

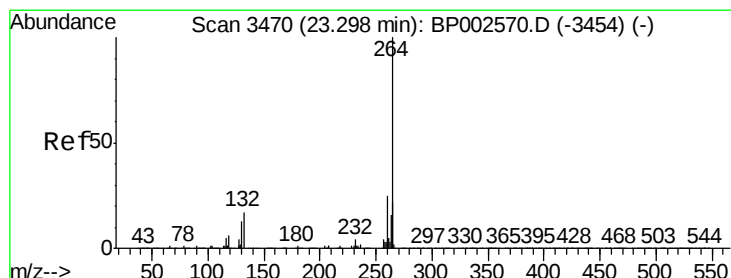
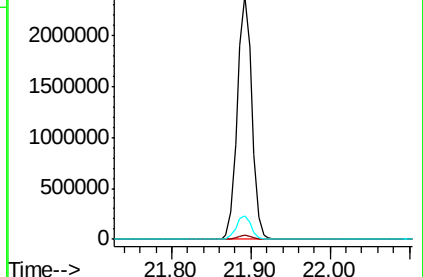
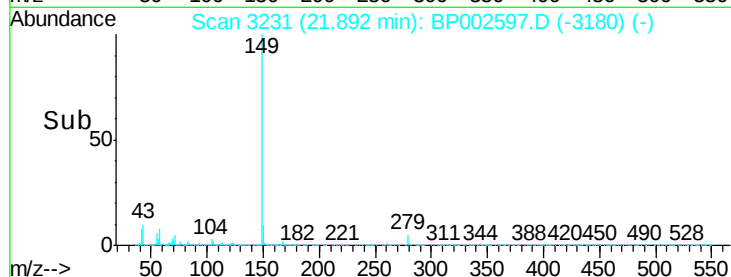
43 9.6 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

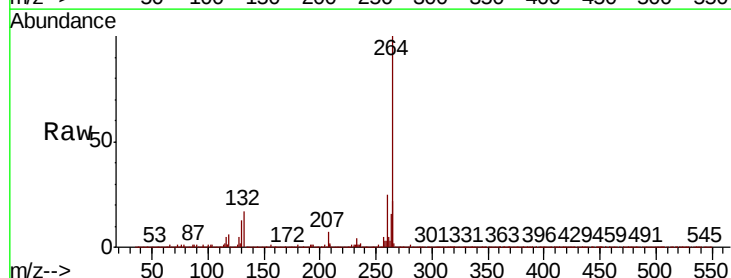
Tgt Ion:264 Resp: 907223

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

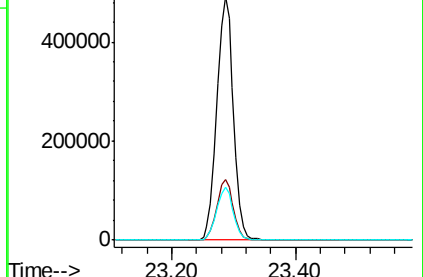
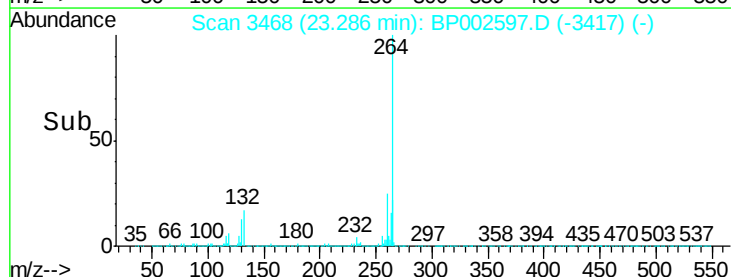
265 21.8 17.6 26.4

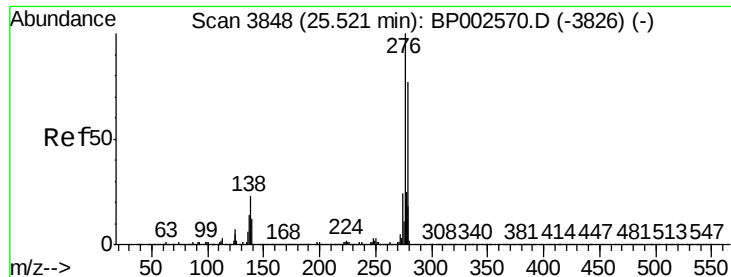


Abundance Ion 264.00 (263.70 to 264.70): E

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: 49.263 ng

RT: 25.51 min Scan# 3846

Delta R.T. 0.01 min

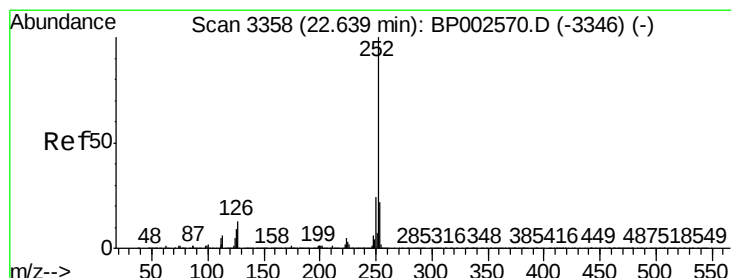
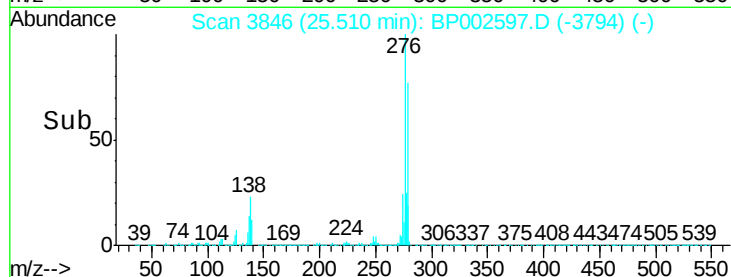
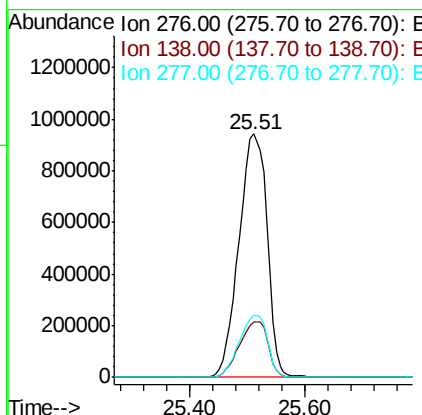
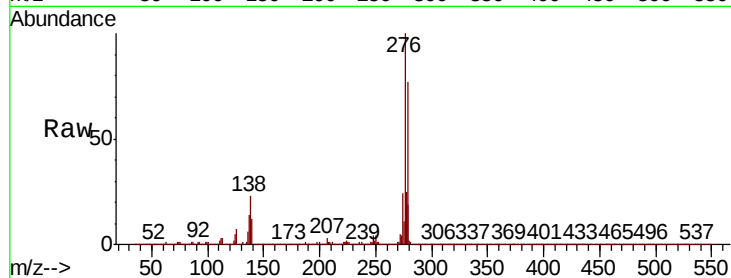
Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

Tot Ion:276 Resp: 3217926

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.6	27.8
277	25.5	20.1	30.1



#88

Benzo(b)fluoranthene

Concen: 51.925 ng

RT: 22.63 min Scan# 3357

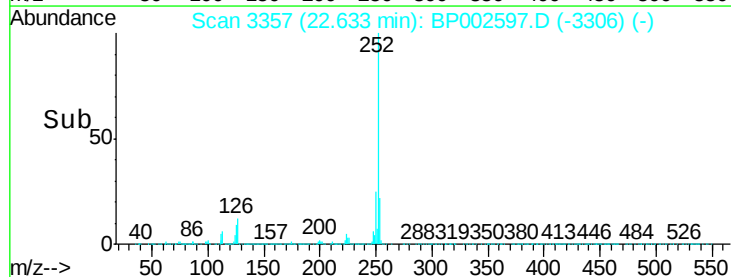
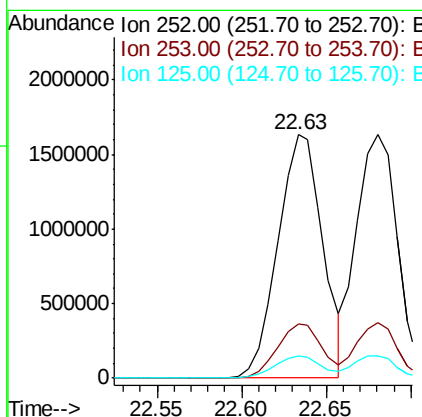
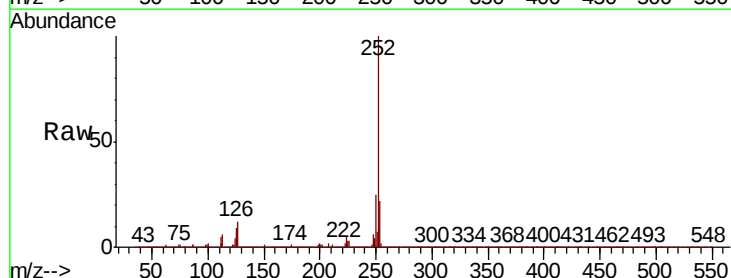
Delta R.T. 0.00 min

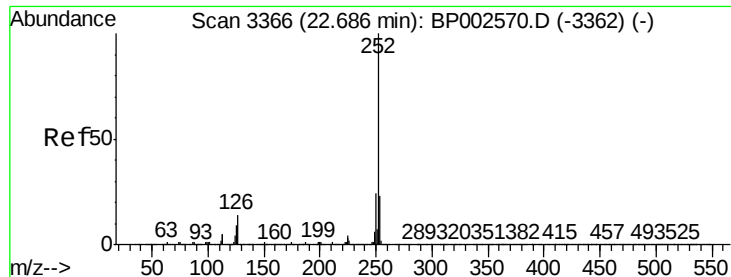
Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Tgt Ion:252 Resp: 3005909

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.0	7.4	11.2

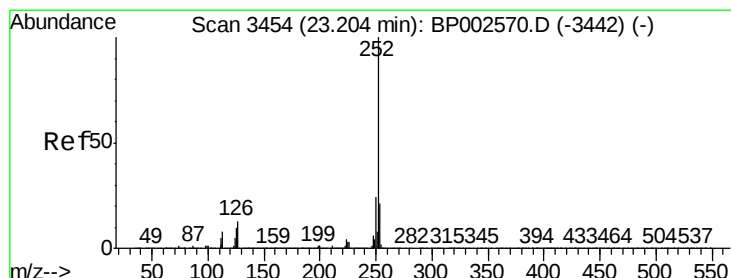
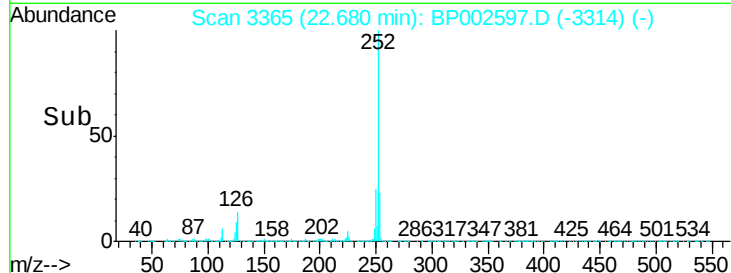
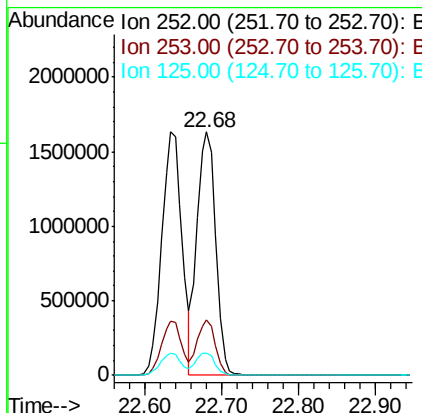
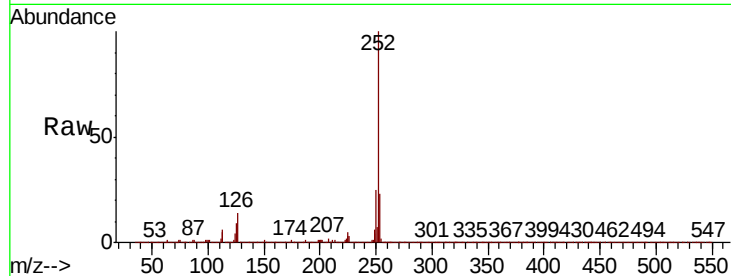




#89
Benzo(k)fluoranthene
Concen: 51.108 ng
RT: 22.68 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

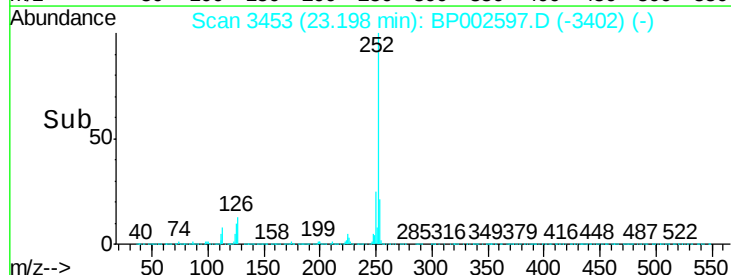
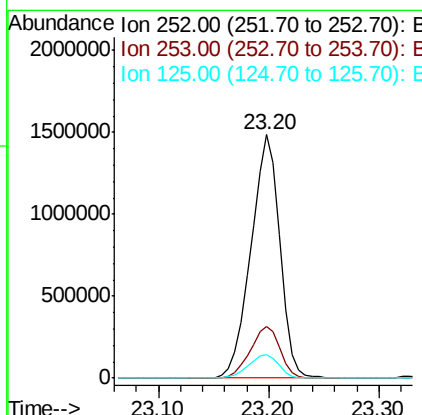
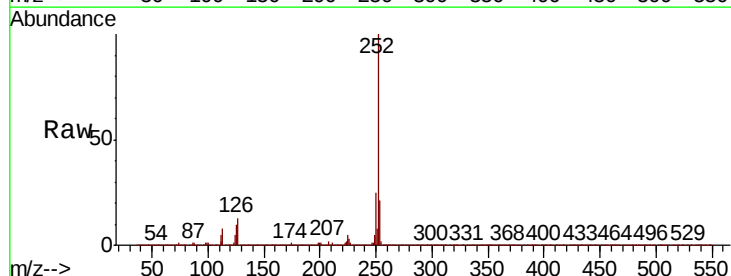
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

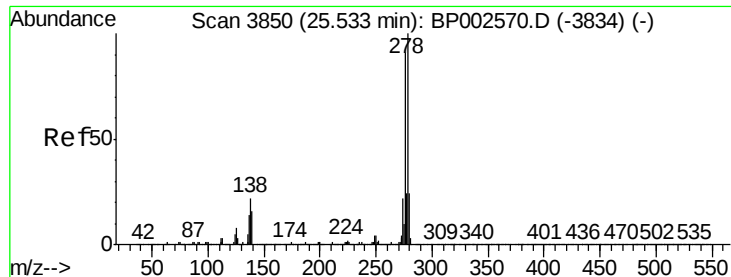
Tot Ion:252 Resp: 2760075
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 8.9 6.9 10.3



#90
Benzo(a)pyrene
Concen: 51.282 ng
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BP002597.D
Acq: 01 Jul 2020 09:48

Tgt Ion:252 Resp: 2724256
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 9.8 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 48.700 ng

RT: 25.53 min Scan# 3849

Delta R.T. 0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MS

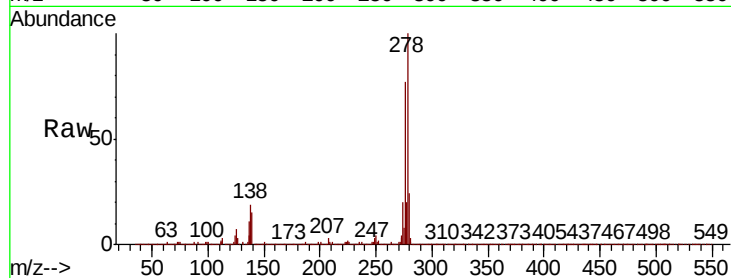
Tot Ion:278 Resp: 2599432

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.2	18.2
279	24.2	19.0	28.6

278 100

139 14.7 12.2 18.2

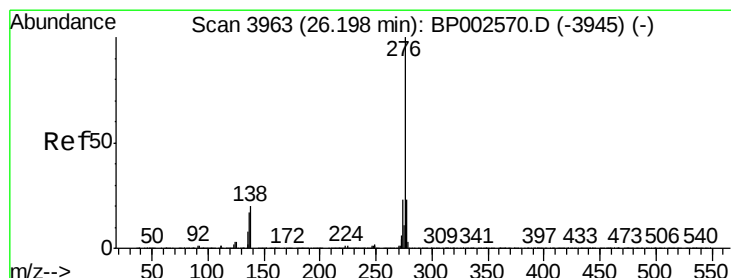
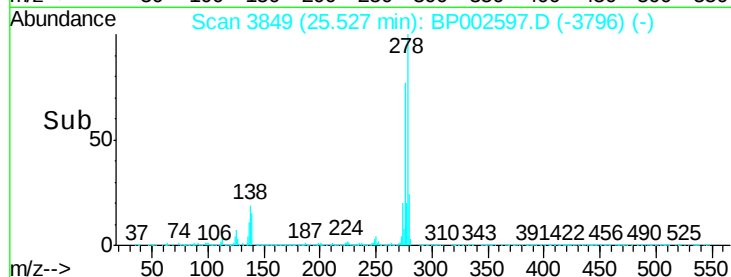
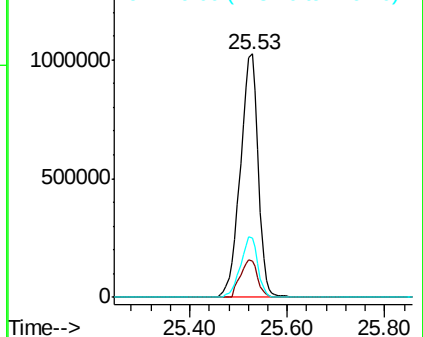
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.056 ng

RT: 26.19 min Scan# 3961

Delta R.T. 0.01 min

Lab File: BP002597.D

Acq: 01 Jul 2020 09:48

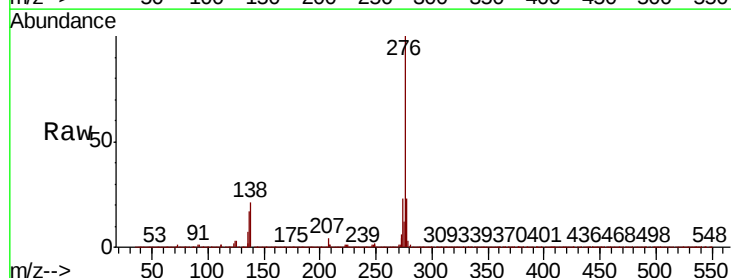
Tgt Ion:276 Resp: 2672098

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	20.8	16.9	25.3

276 100

277 23.4 19.3 28.9

138 20.8 16.9 25.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

