

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002598.D
 Acq On : 01 Jul 2020 11:04
 Operator : CG/JU
 Sample : L2819-08MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Quant Time: Jul 01 11:37:04 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	7.57	152	97267	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	466393	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	243989	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	625695	20.00	ng	0.00
76) Chrysene-d12	21.10	240	904707	20.00	ng	0.00
86) Perylene-d12	23.29	264	1170604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	851703	148.25	ng	0.00
7) Phenol-d6	6.77	99	1273182	158.78	ng	0.00
23) Nitrobenzene-d5	8.72	82	896351	99.03	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	465136	156.74	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	1452616	87.63	ng	0.00
79) Terphenyl-d14	19.57	244	3613885	86.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	83983	34.109	ng	# 56
3) Pyridine	3.53	79	297762	40.803	ng	99
4) n-Nitrosodimethylamine	3.44	42	135267	43.667	ng	89
6) Aniline	6.90	93	457171	45.385	ng	98
8) 2-Chlorophenol	7.15	128	380894	59.687	ng	98
9) Benzaldehyde	6.72	77	123763	27.545	ng	98
10) Phenol	6.79	94	477753	59.084	ng	95
11) bis(2-Chloroethyl)ether	7.00	93	363619	54.789	ng	97
12) 1,3-Dichlorobenzene	7.46	146	345486	46.917	ng	99
13) 1,4-Dichlorobenzene	7.60	146	356972	47.583	ng	99
14) 1,2-Dichlorobenzene	7.92	146	350516	48.539	ng	99
15) Benzyl Alcohol	7.82	79	367223	60.949	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.11	45	503471	54.449	ng	99
17) 2-Methylphenol	8.03	107	350592	57.926	ng	98
18) Hexachloroethane	8.64	117	121089	44.721	ng	96
19) n-Nitroso-di-n-propylamine	8.37	70	312429	59.386	ng	99
20) 3+4-Methylphenols	8.36	107	482920	59.182	ng	98
22) Acetophenone	8.39	105	586914	49.718	ng	98
24) Nitrobenzene	8.76	77	471594	49.222	ng	99
25) Isophorone	9.28	82	951370	52.440	ng	98
26) 2-Nitrophenol	9.47	139	221361	50.659	ng	97
27) 2,4-Dimethylphenol	9.55	122	383967	57.991	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	552298	52.997	ng	99
29) 2,4-Dichlorophenol	10.00	162	425093	55.708	ng	96
30) 1,2,4-Trichlorobenzene	10.22	180	381198	44.373	ng	99
31) Naphthalene	10.39	128	1204923	48.803	ng	100
32) Benzoic acid	9.70	122	202805	40.630	ng	99
33) 4-Chloroaniline	10.51	127	286495	26.528	ng	99
34) Hexachlorobutadiene	10.70	225	199931	38.022	ng	97
35) Caprolactam	11.27	113	55046	21.460	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	344713	41.216	ng	99
37) 2-Methylnaphthalene	12.02	142	630015	34.997	ng	99
38) 1-Methylnaphthalene	12.24	142	609507	35.950	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	319917	41.992	ng	99

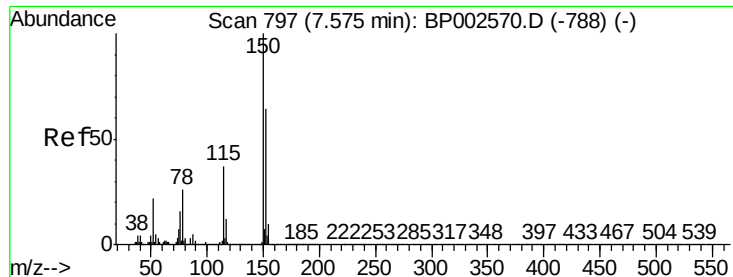
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	186365	48.676	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	253740	49.223	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	284826	47.998	nq	99
46) 1,1'-Biphenyl	13.05	154	835815	45.287	nq	99
47) 2-Chloronaphthalene	13.09	162	675295	44.949	nq	98
48) 2-Nitroaniline	13.29	65	257905	53.810	nq	99
49) Acenaphthylene	13.94	152	1135206	48.012	nq	98
50) Dimethylphthalate	13.69	163	1132346	59.089	nq	100
51) 2,6-Dinitrotoluene	13.80	165	218600	52.818	nq	98
52) Acenaphthene	14.29	154	674065	48.320	nq	100
53) 3-Nitroaniline	14.13	138	158466	35.164	nq	98
54) 2,4-Dinitrophenol	14.35	184	255665	97.661	nq	98
55) Dibenzofuran	14.63	168	1111624	49.172	nq	99
56) 4-Nitrophenol	14.47	139	365215	101.972	nq	99
57) 2,4-Dinitrotoluene	14.60	165	316292	56.810	nq	97
58) Fluorene	15.28	166	875056	50.824	nq	96
59) 2,3,4,6-Tetrachlorophenol	14.87	232	272457	56.836	nq	99
60) Diethylphthalate	15.07	149	945032	49.593	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	427842	46.337	nq	97
62) 4-Nitroaniline	15.30	138	241328	53.579	nq	99
63) Azobenzene	15.58	77	972463	52.778	nq	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	190463	47.334	nq	98
66) n-Nitrosodiphenylamine	15.50	169	833771	45.647	nq	98
67) 4-Bromophenyl-phenylether	16.18	248	289781	41.213	nq	97
68) Hexachlorobenzene	16.30	284	376022	49.919	nq	95
69) Atrazine	16.47	200	296291	50.554	nq	99
70) Pentachlorophenol	16.65	266	445111	102.619	nq	99
71) Phenanthrene	17.03	178	1636813	48.621	nq	100
72) Anthracene	17.12	178	1675820	50.024	nq	99
73) Carbazole	17.39	167	1696158	52.389	nq	100
74) Di-n-butylphthalate	17.97	149	1897984	49.778	nq	100
75) Fluoranthene	19.02	202	2854201	70.043	nq	99
77) Benzidine	19.20	184	1491817	Below	Cal	100
78) Pyrene	19.37	202	2911483	47.279	nq	99
80) Butylbenzylphthalate	20.26	149	1290847	48.015	nq	98
81) Benzo(a)anthracene	21.08	228	2878582	48.668	nq	98
82) 3,3'-Dichlorobenzidine	21.02	252	866250	40.004	nq	97
83) Chrysene	21.13	228	2607869	45.981	nq	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1749983	45.331	nq	97
85) Di-n-octyl phthalate	21.90	149	3403463	49.915	nq	100
87) Indeno(1,2,3-cd)pyrene	25.53	276	3210528	38.091	nq	100
88) Benzo(b)fluoranthene	22.64	252	3592698	48.098	nq	98
89) Benzo(k)fluoranthene	22.69	252	3264945	46.854	nq	98
90) Benzo(a)pyrene	23.20	252	3325666	48.518	nq	99
91) Dibenzo(a,h)anthracene	25.53	278	2606319	37.843	nq	99
92) Benzo(g,h,i)perylene	26.19	276	2701035	39.213	nq	98

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

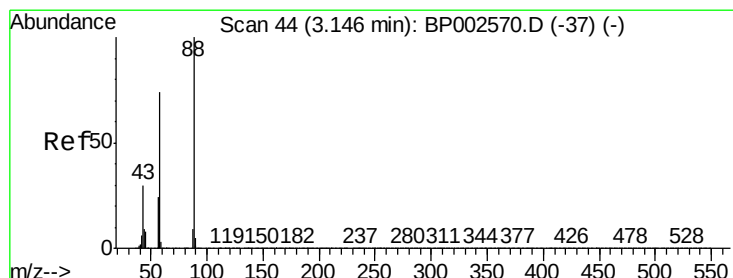
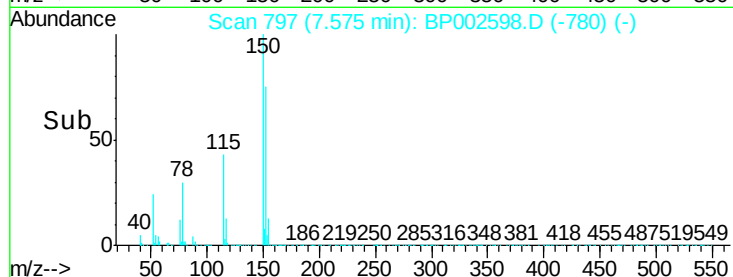
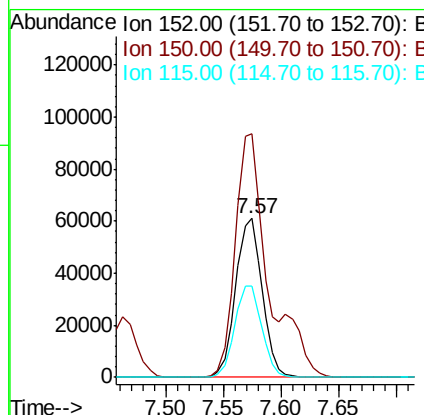
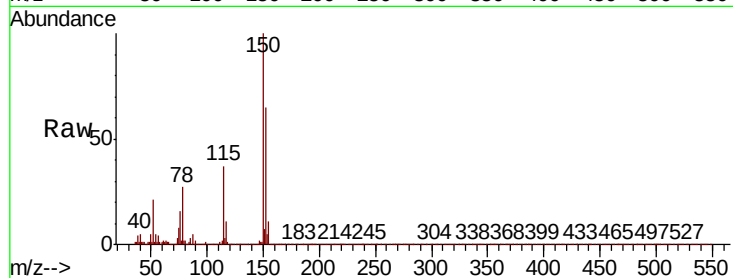


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 797
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

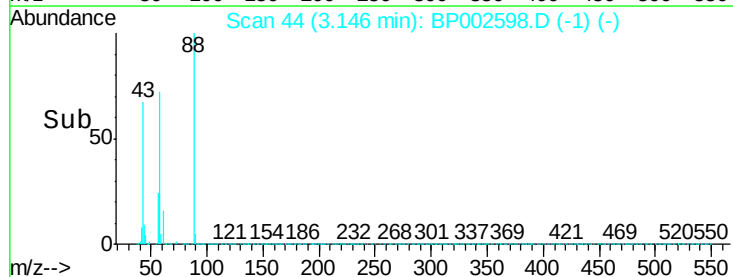
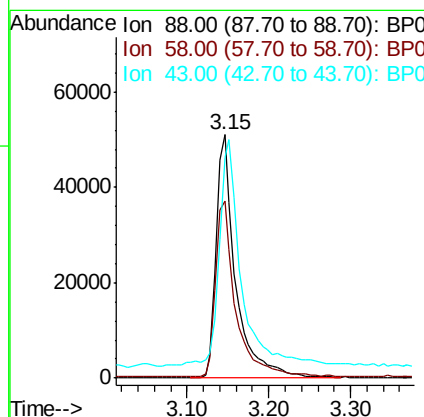
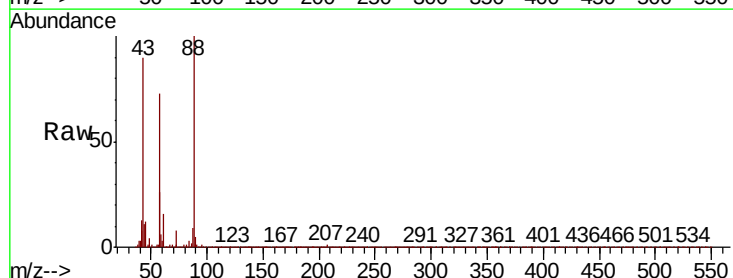
Tot Ion	152	Resp	97267
Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.2	186.2
115	57.4	47.1	70.7

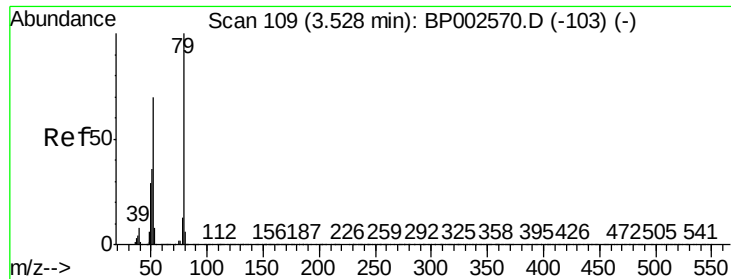


#2

1,4-Dioxane
Concen: 34.109 ng
RT: 3.15 min Scan# 44
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	88	Resp	83983
Ion	Ratio	Lower	Upper
88	100		
58	74.9	58.1	87.1
43	106.8	23.2	34.8





#3

Pvridine

Concen: 40.803 ng

RT: 3.53 min Scan# 110

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

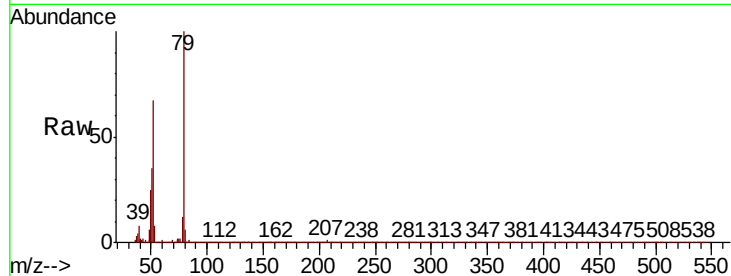
Tot Ion: 79 Resp: 297762

Ion Ratio Lower Upper

79 100

52 67.1 54.5 81.7

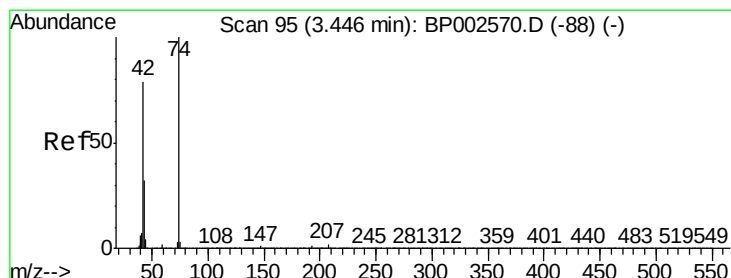
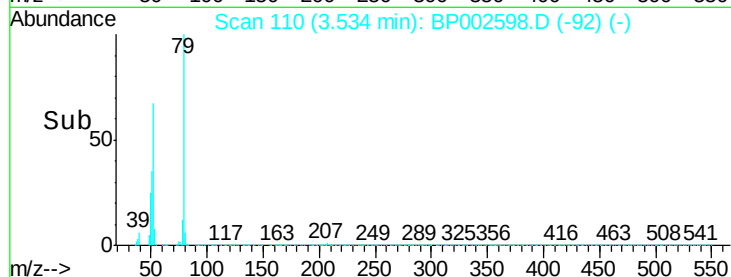
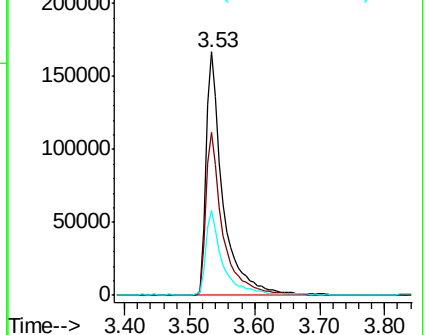
51 35.1 27.8 41.6



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: 43.667 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

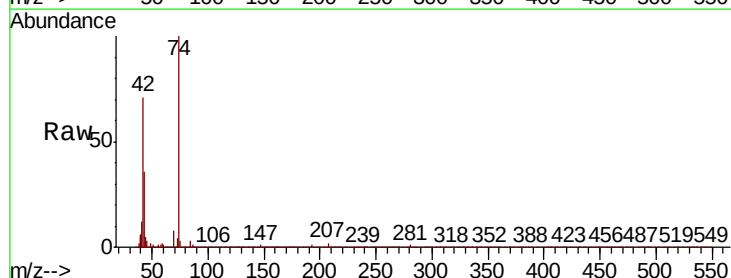
Tgt Ion: 42 Resp: 135267

Ion Ratio Lower Upper

42 100

74 140.4 101.7 152.5

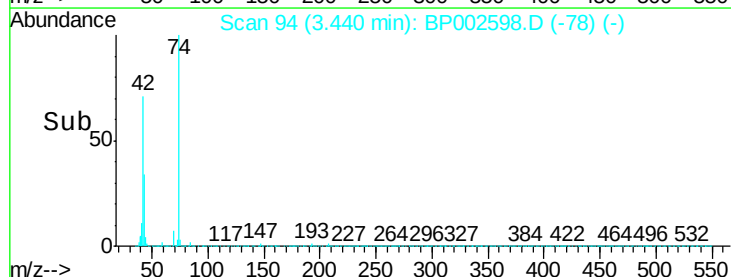
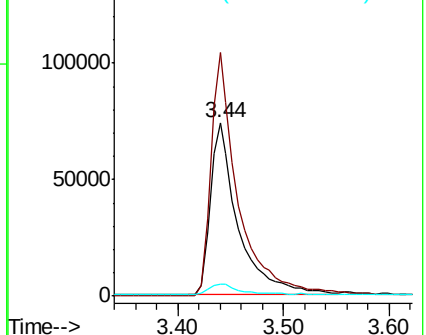
44 7.0 4.9 7.3

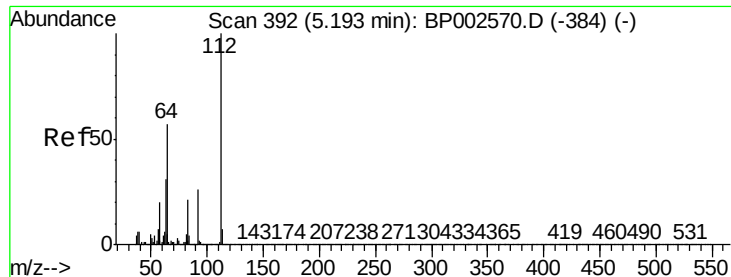


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 148.255 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

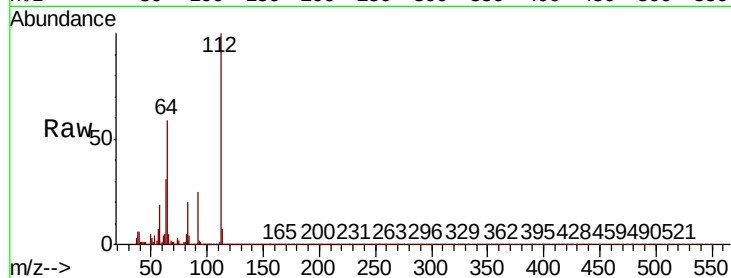
Tot Ion:112 Resp: 851703

Ion Ratio Lower Upper

112 100

64 58.9 47.0 70.6

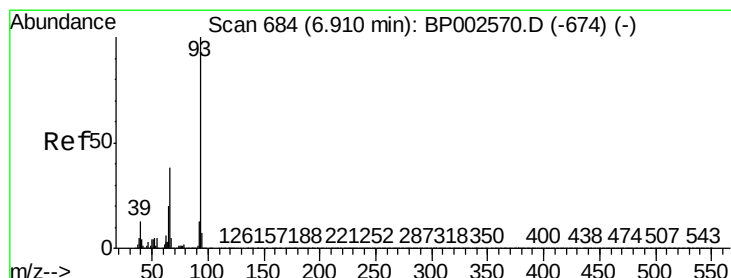
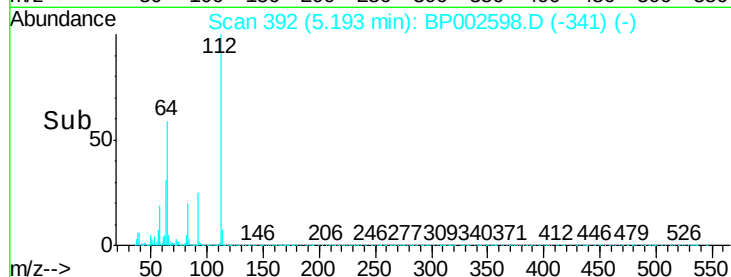
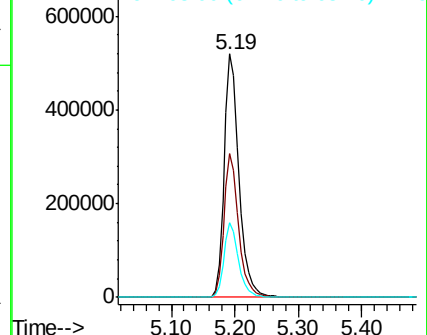
63 30.7 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 45.385 ng

RT: 6.90 min Scan# 683

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

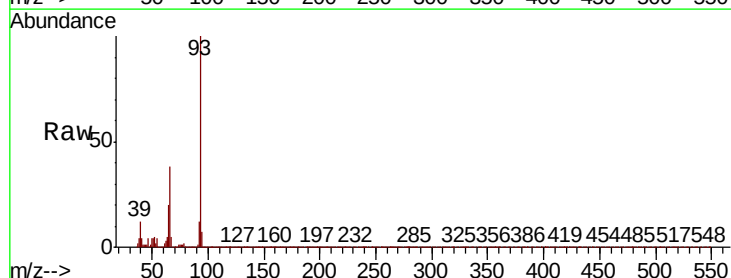
Tgt Ion: 93 Resp: 457171

Ion Ratio Lower Upper

93 100

66 37.8 31.6 47.4

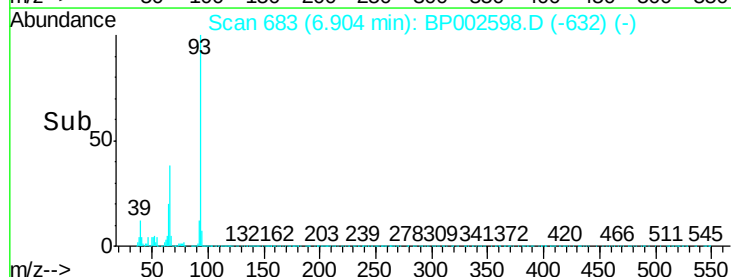
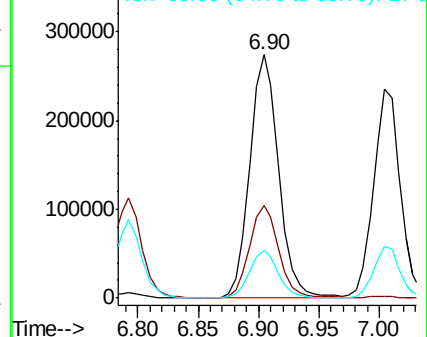
65 19.7 15.7 23.5

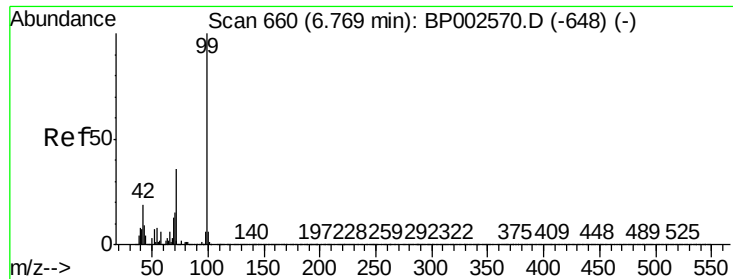


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 158.784 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

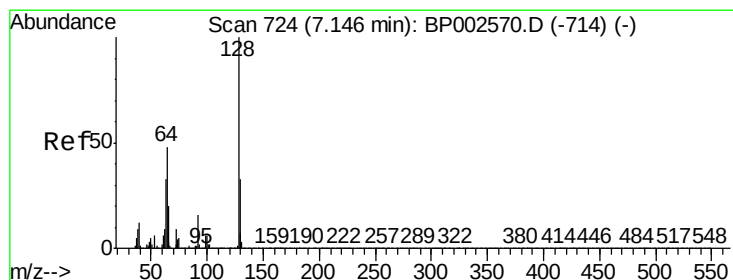
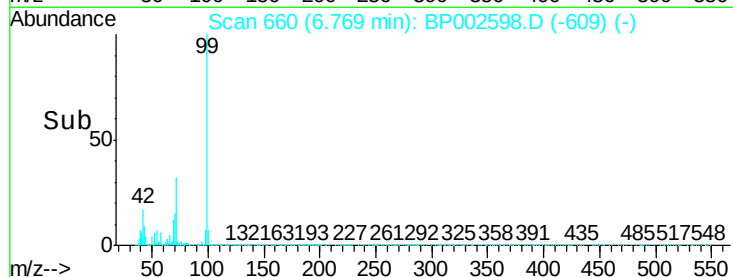
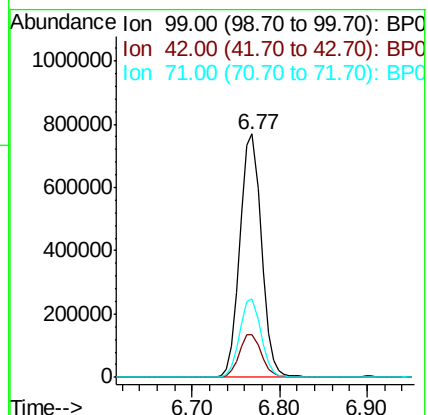
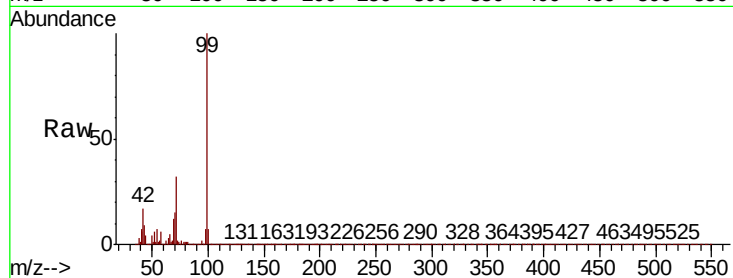
BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion: 99 Resp: 1273182

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	32.5	28.9	43.3



#8

2-Chlorophenol

Concen: 59.687 ng

RT: 7.15 min Scan# 724

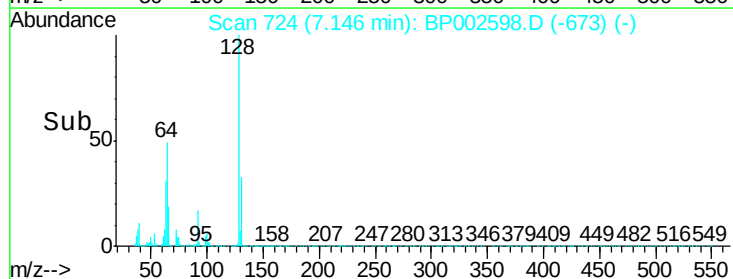
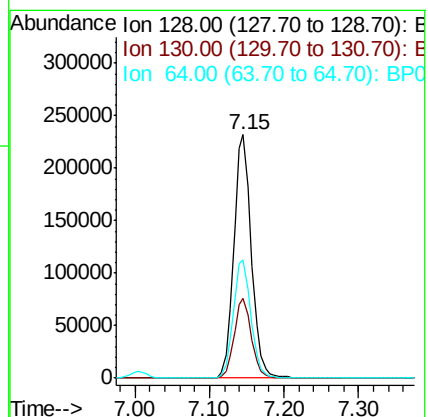
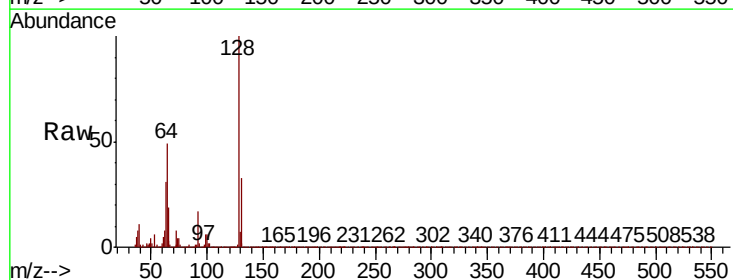
Delta R.T. -0.00 min

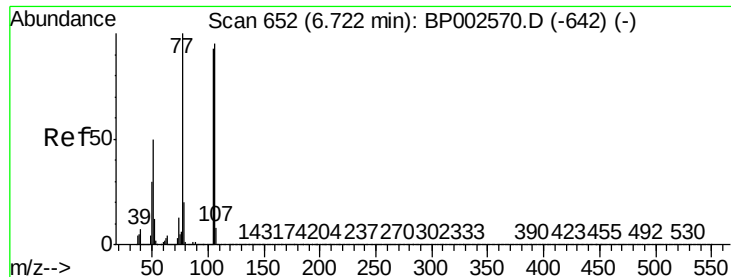
Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion: 128 Resp: 380894

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.8	51.8
64	48.7	26.9	66.9





#9

Benzaldehyde

Concen: 27.545 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

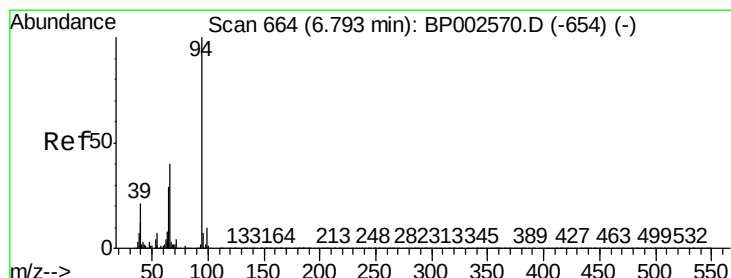
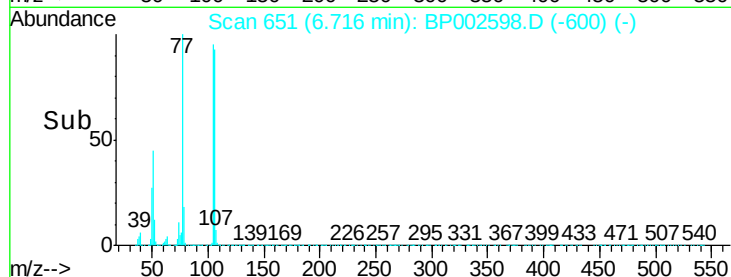
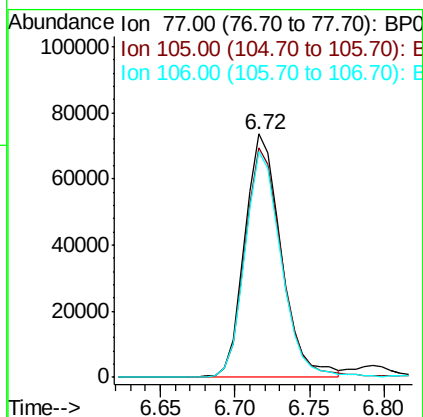
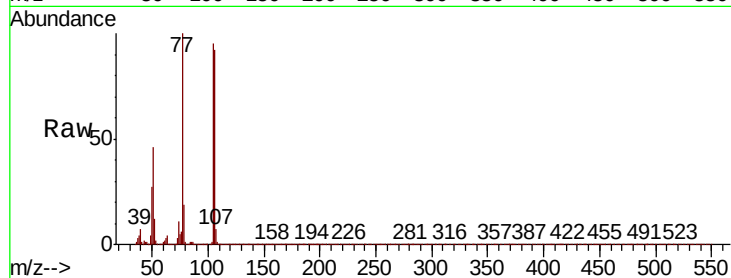
Tot Ion: 77 Resp: 123763

Ion Ratio Lower Upper

77 100

105 94.5 76.5 116.5

106 92.5 70.9 110.9



#10

Phenol

Concen: 59.084 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

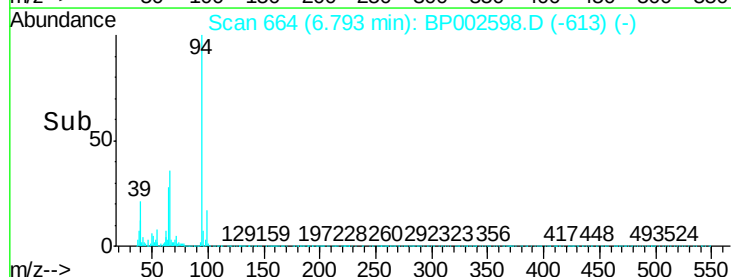
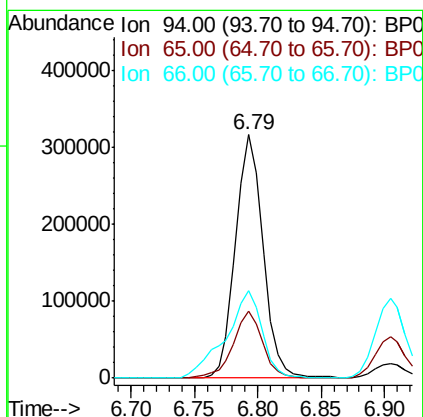
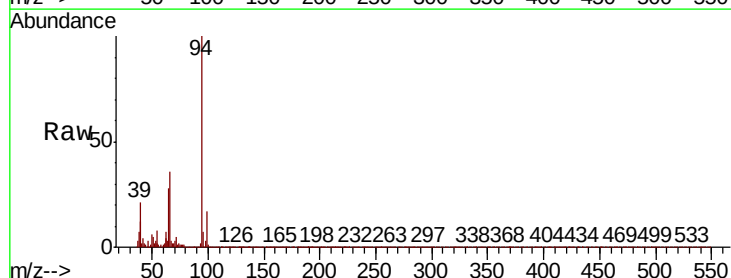
Tgt Ion: 94 Resp: 477753

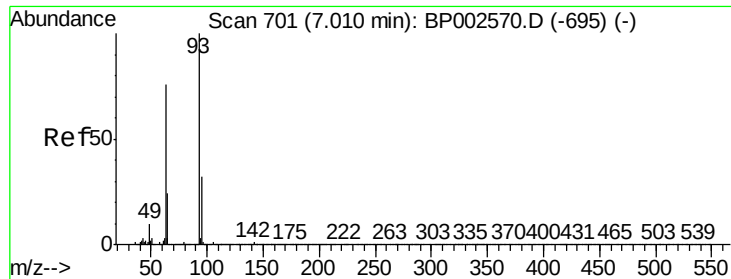
Ion Ratio Lower Upper

94 100

65 27.8 8.8 48.8

66 35.8 19.9 59.9

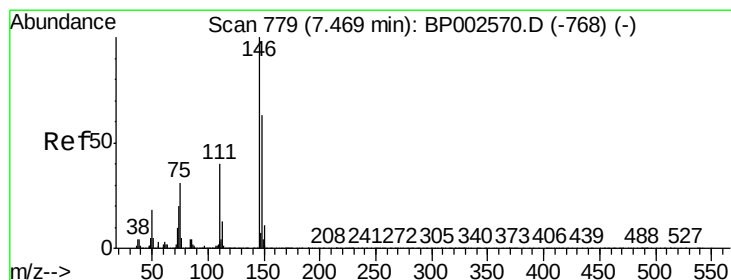
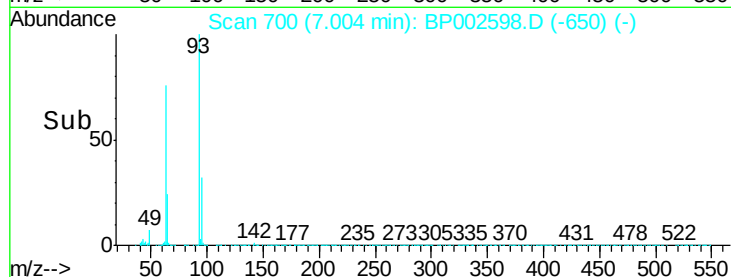
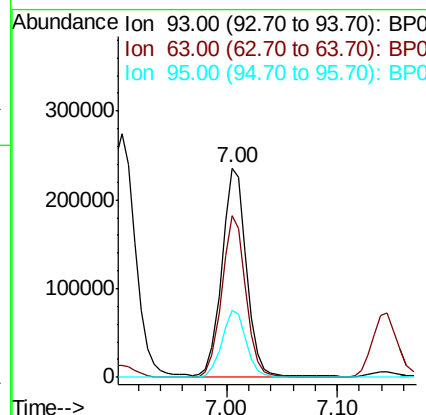
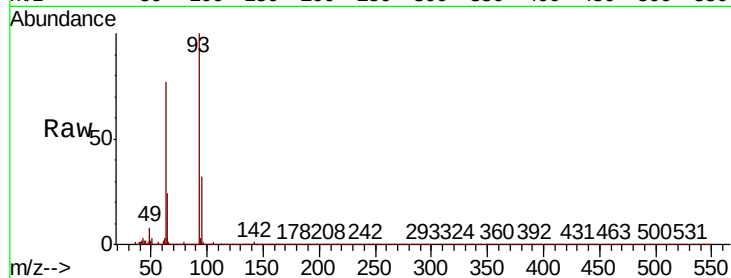




#11
bis(2-Chloroethyl)ether
Concen: 54.789 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

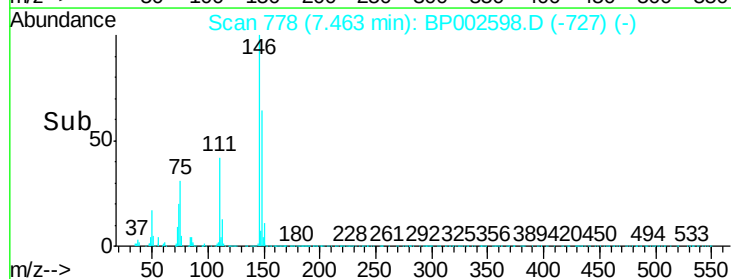
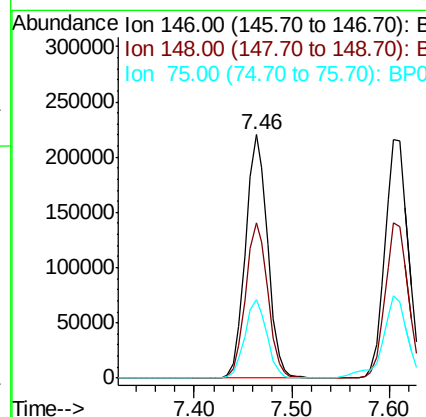
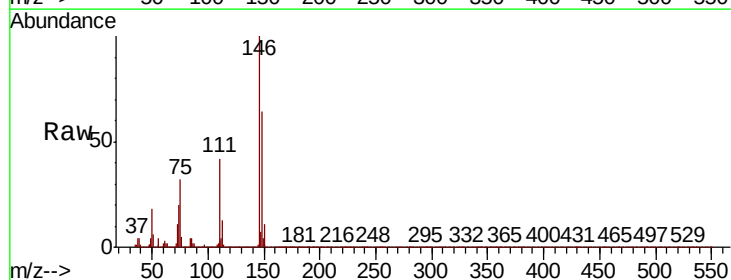
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

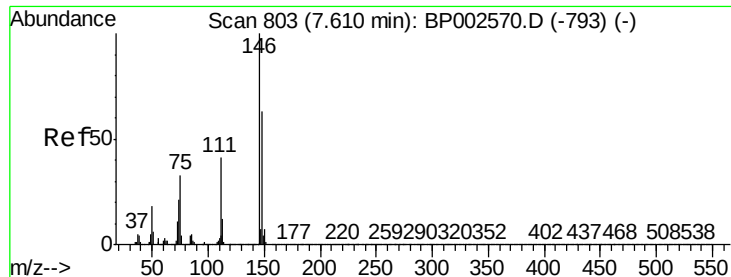
Tot Ion	Ion	Ratio	Lower	Upper
93	93	100		
63	63	77.1	54.5	94.5
95	95	32.1	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 46.917 ng
RT: 7.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ion	Ratio	Lower	Upper
146	146	100		
148	148	63.7	51.3	76.9
75	75	32.0	26.1	39.1

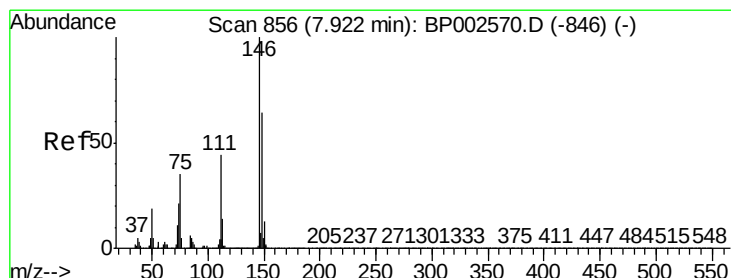
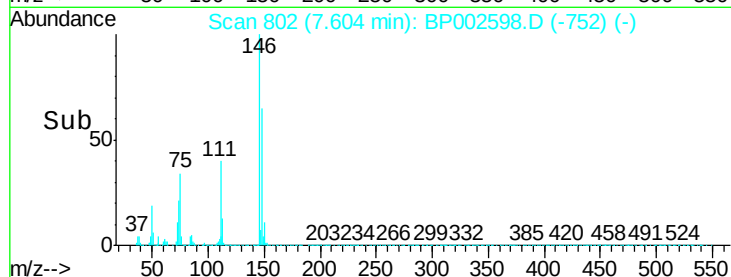
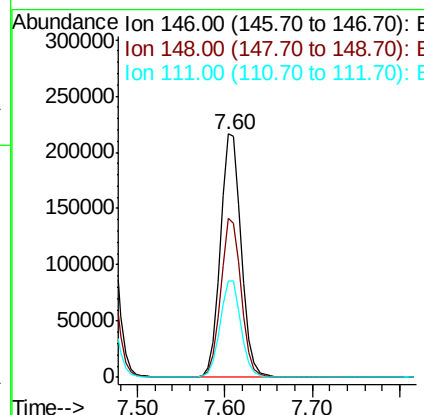
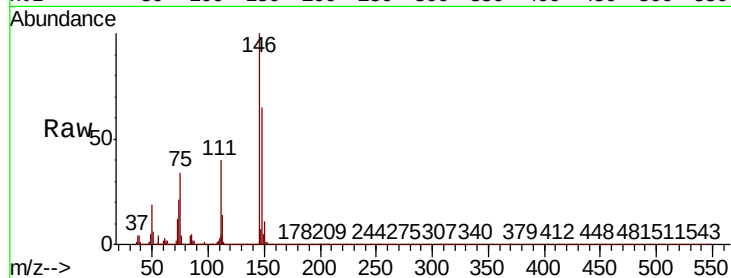




#13
1,4-Dichlorobenzene
Concen: 47.583 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

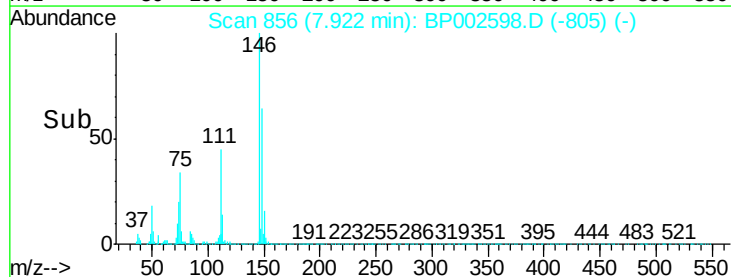
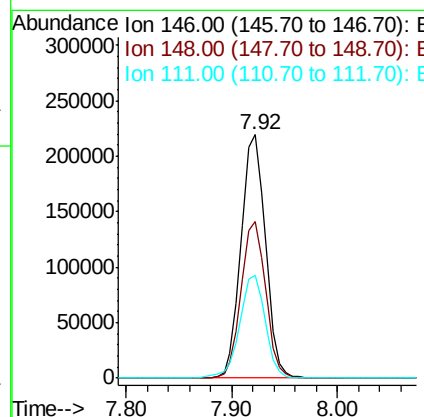
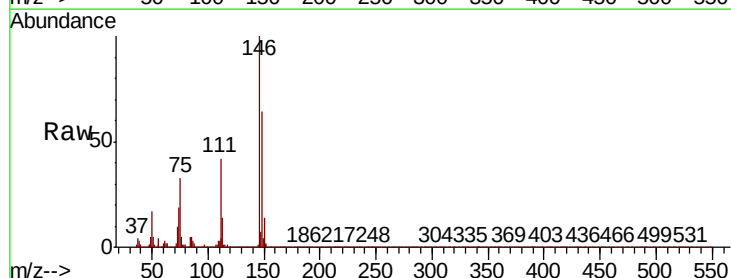
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

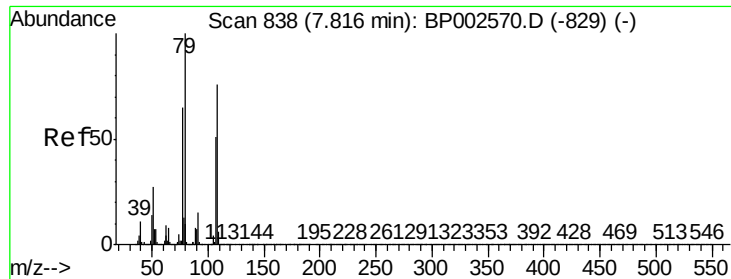
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
111	39.7	32.8	49.2



#14
1,2-Dichlorobenzene
Concen: 48.539 ng
RT: 7.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.1	34.1	51.1





#15

Benzyl Alcohol

Concen: 60.949 ng

RT: 7.82 min Scan# 838

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

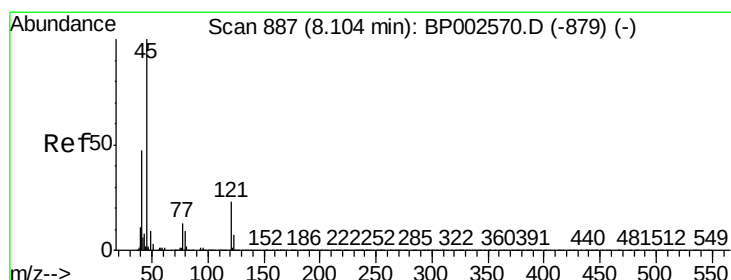
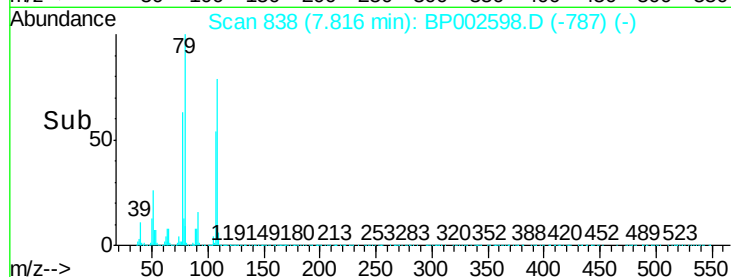
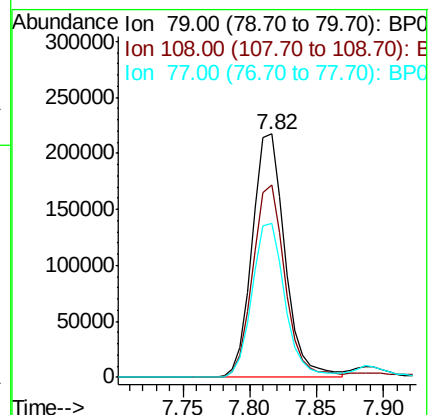
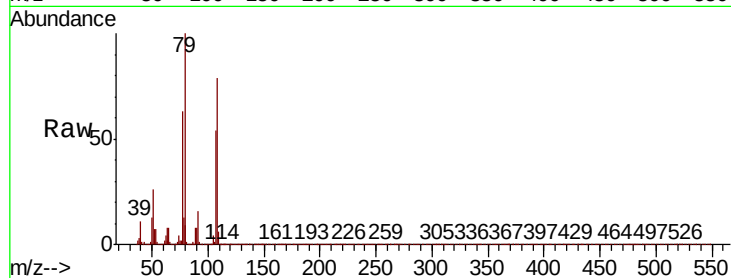
Tot Ion: 79 Resp: 367223

Ion Ratio Lower Upper

79 100

108 79.0 59.4 89.2

77 63.3 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.449 ng

RT: 8.11 min Scan# 888

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

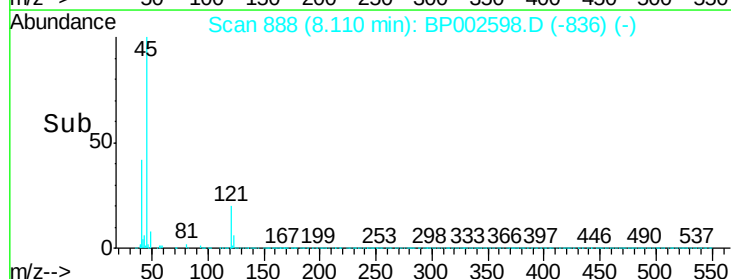
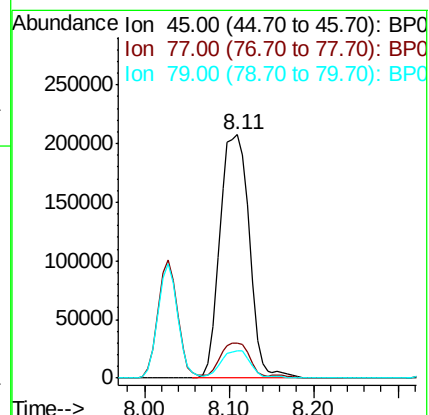
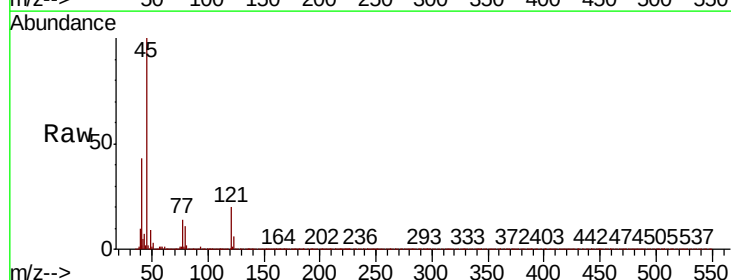
Tgt Ion: 45 Resp: 503471

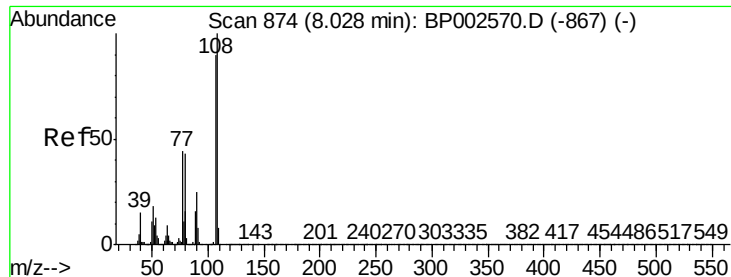
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.0

79 11.3 0.0 31.1





#17

2-Methylphenol

Concen: 57.926 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion:107 Resp: 350592

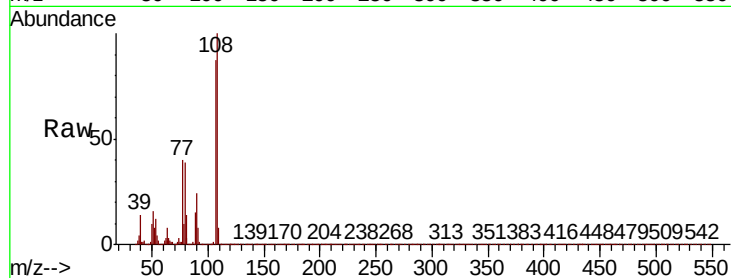
Ion Ratio Lower Upper

107 100

108 115.1 91.4 137.0

77 46.4 38.7 58.1

79 44.7 38.0 57.0



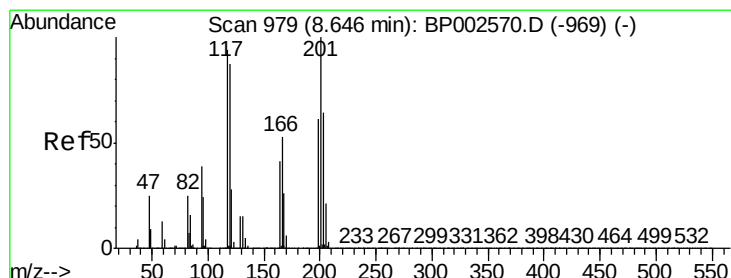
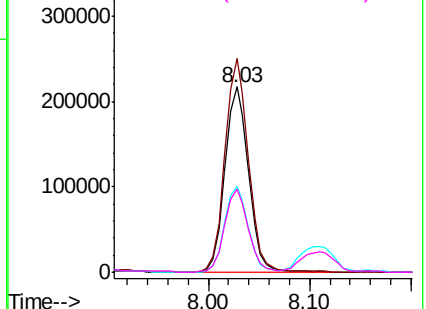
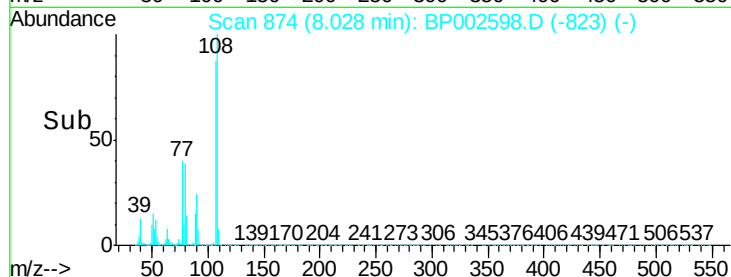
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 44.721 ng

RT: 8.64 min Scan# 978

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

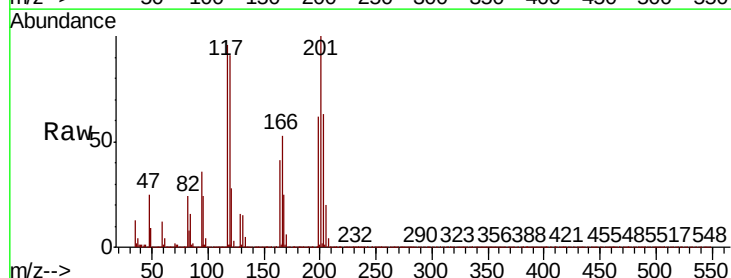
Tgt Ion:117 Resp: 121089

Ion Ratio Lower Upper

117 100

119 94.7 78.2 117.4

201 104.4 87.0 130.6

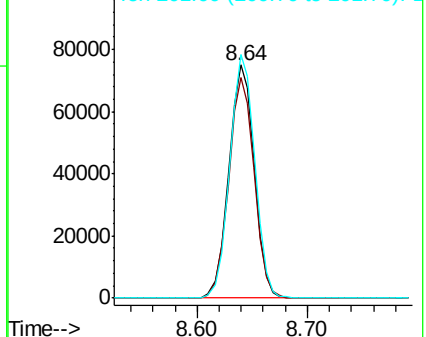
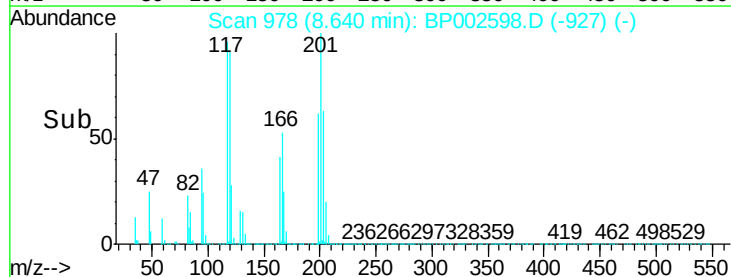


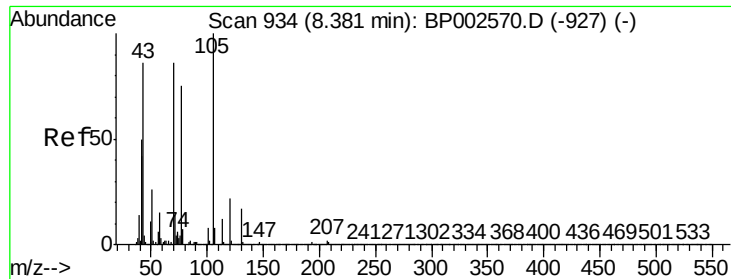
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

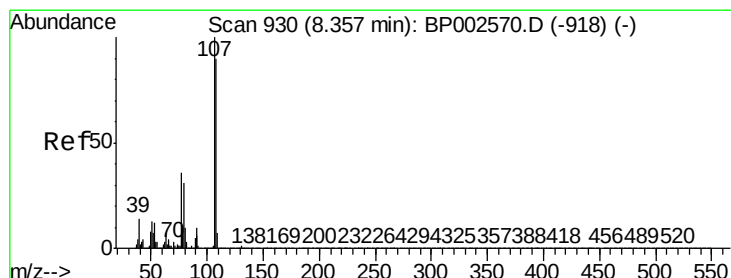
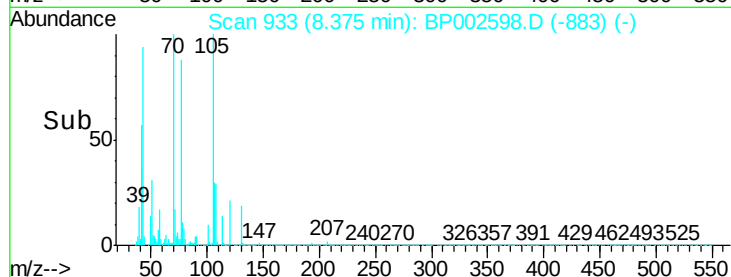
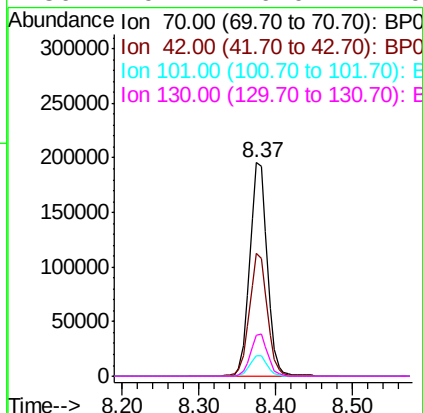
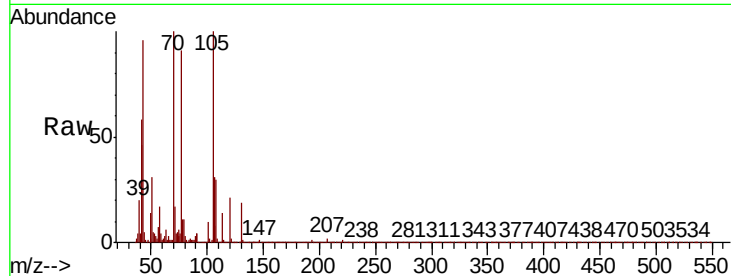




#19
n-Nitroso-di-n-propylamine
Concen: 59.386 ng
RT: 8.37 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

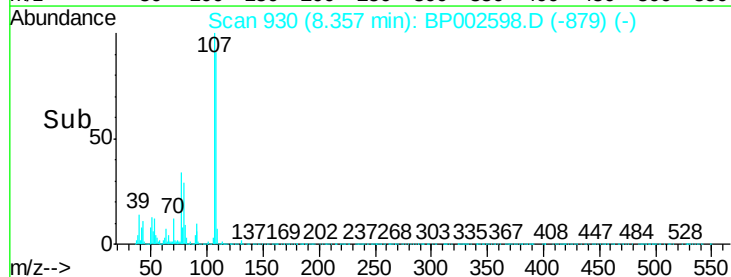
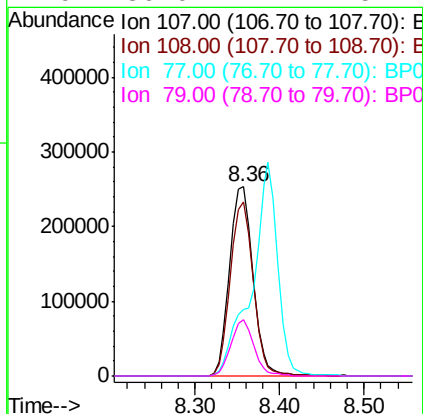
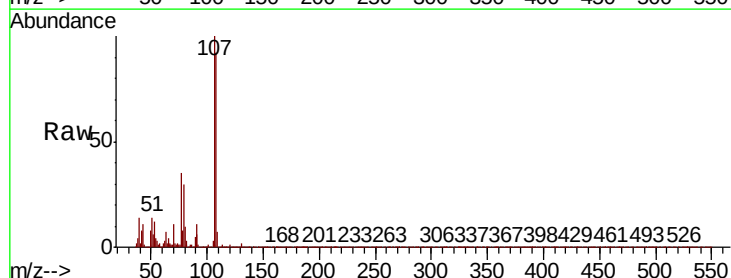
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

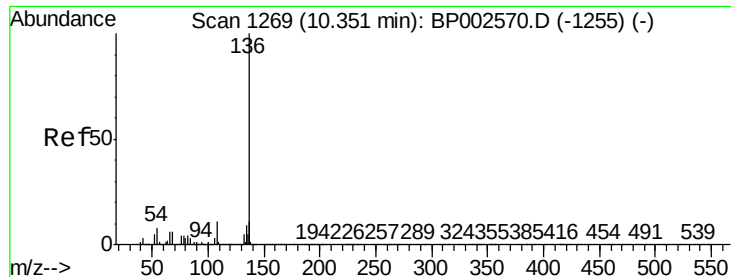
Tot Ion:	70	Resp:	312429
Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.7	70.1
101	9.7	7.5	11.3
130	19.4	16.0	24.0



#20
3+4-Methylphenols
Concen: 59.182 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:	107	Resp:	482920
Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.4	110.4
77	35.0	16.7	56.7
79	30.0	11.1	51.1

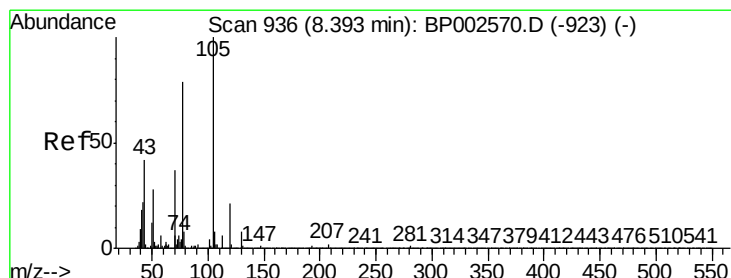
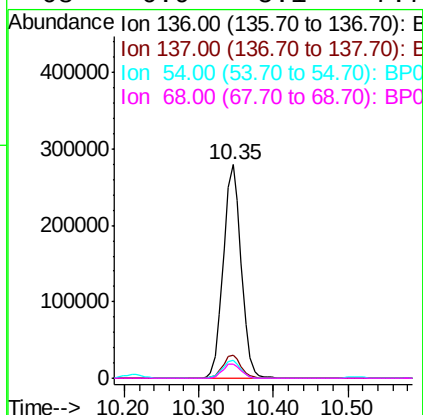
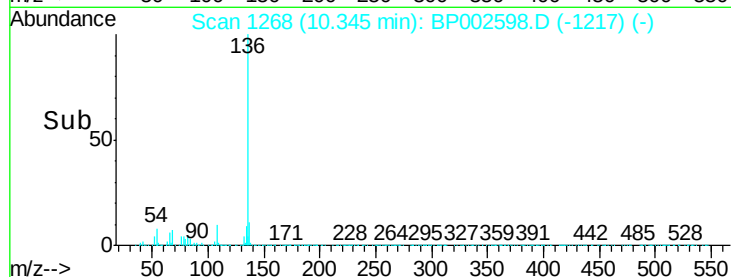
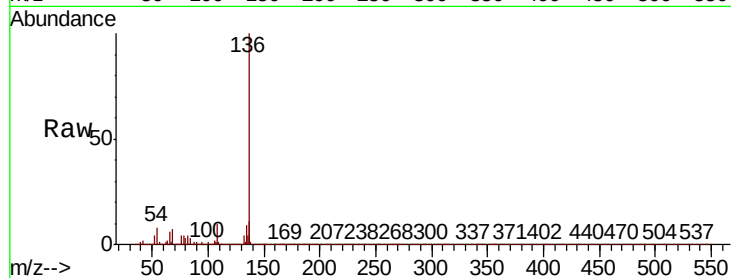




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

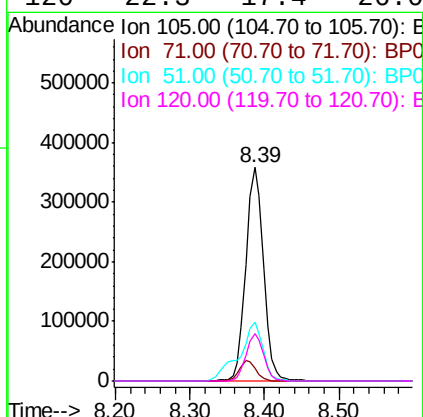
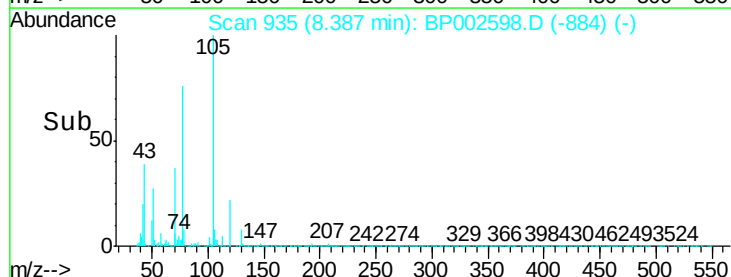
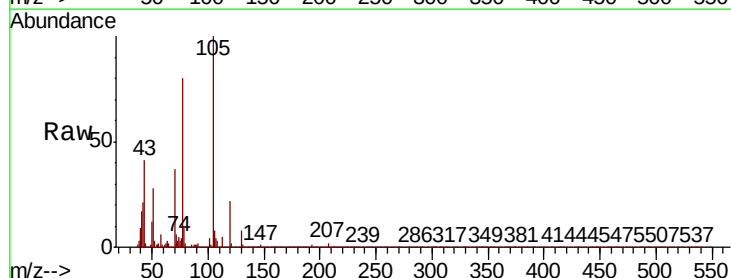
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

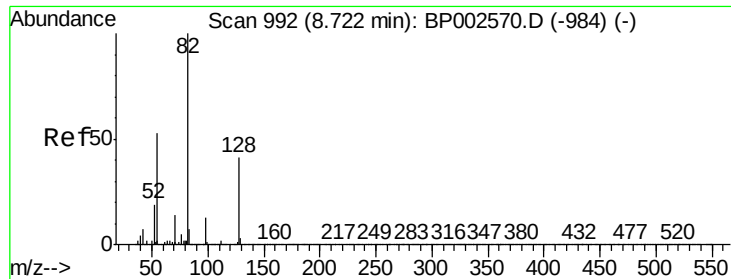
Tot Ion:136	Resp:	466393	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 8.5	6.4	9.6	
68 6.9	5.1	7.7	



#22
Acetophenone
Concen: 49.718 ng
RT: 8.39 min Scan# 935
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt	Ion:105	Resp:	586914
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.8	8.8
51	27.6	23.3	34.9
120	22.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 99.025 ng

RT: 8.72 min Scan# 991

Delta R.T. -0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

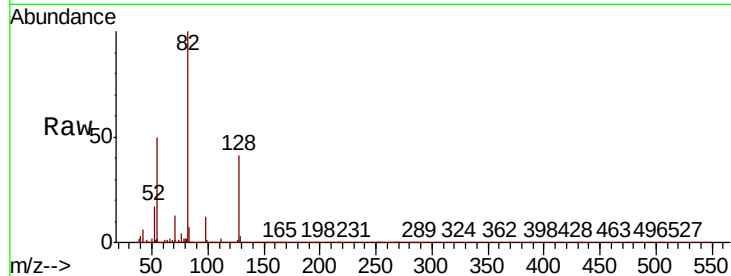
Tot Ion: 82 Resp: 896351

Ion Ratio Lower Upper

82 100

128 41.3 33.4 50.2

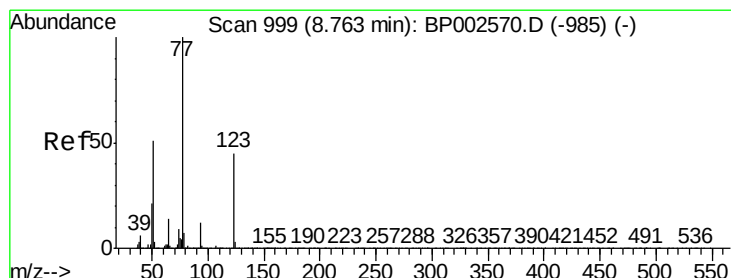
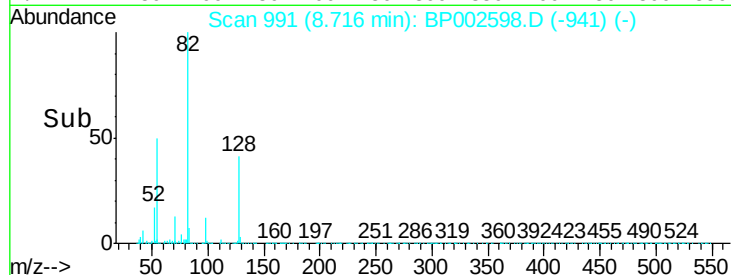
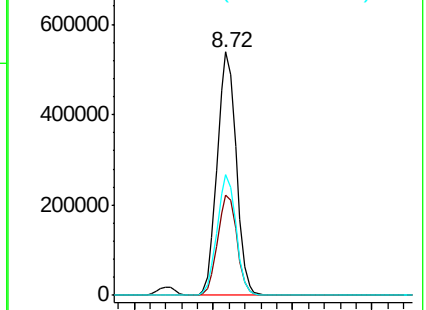
54 49.6 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#24

Nitrobenzene

Concen: 49.222 ng

RT: 8.76 min Scan# 998

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

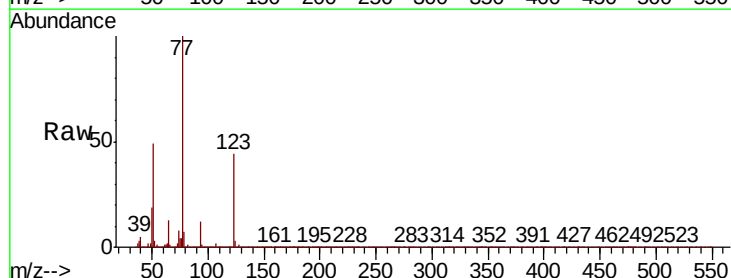
Tgt Ion: 77 Resp: 471594

Ion Ratio Lower Upper

77 100

123 43.6 35.3 52.9

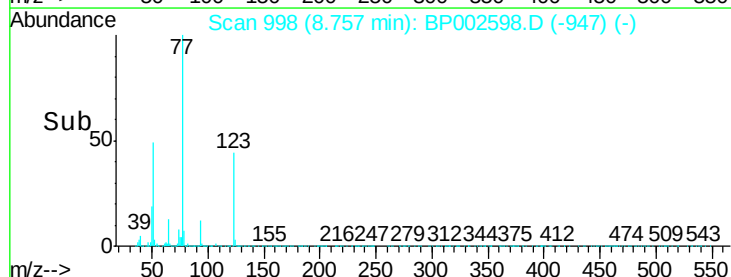
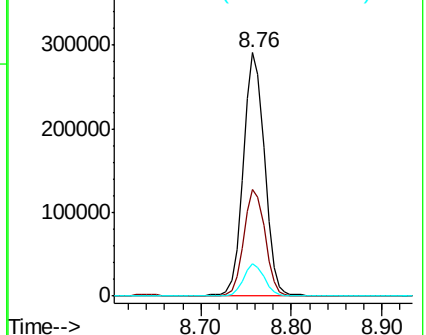
65 13.3 10.6 16.0

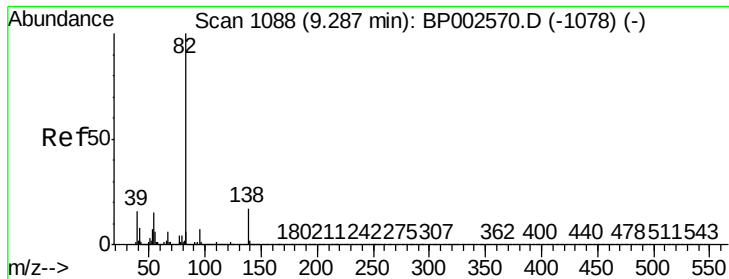


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BP0





#25

Isophorone

Concen: 52.440 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

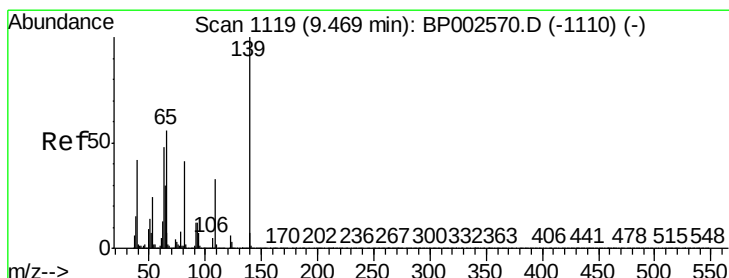
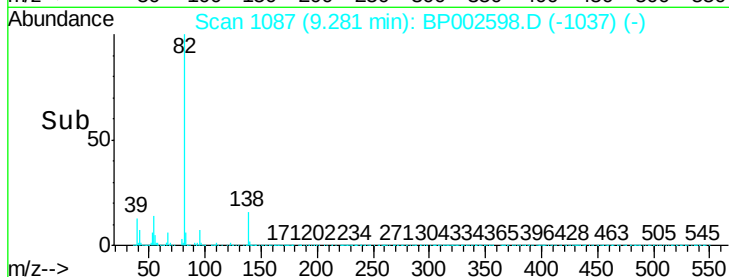
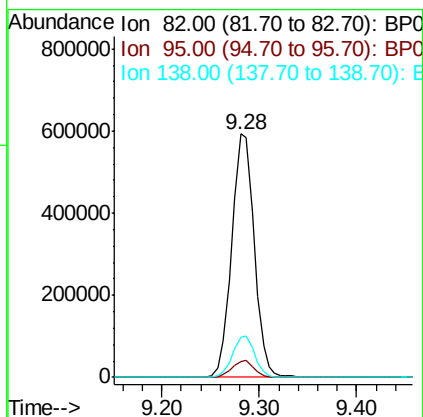
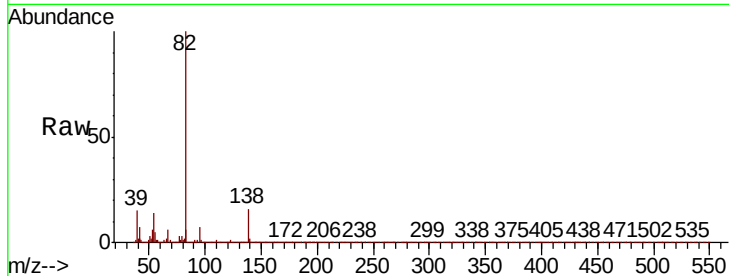
Tot Ion: 82 Resp: 951370

Ion Ratio Lower Upper

82 100

95 6.6 6.0 9.0

138 16.4 13.8 20.8



#26

2-Nitrophenol

Concen: 50.659 ng

RT: 9.47 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

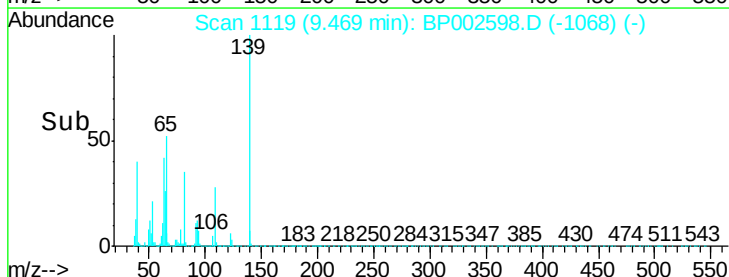
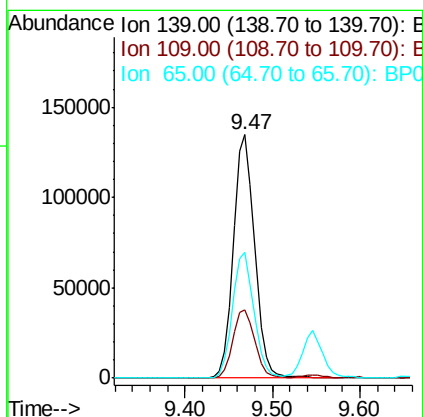
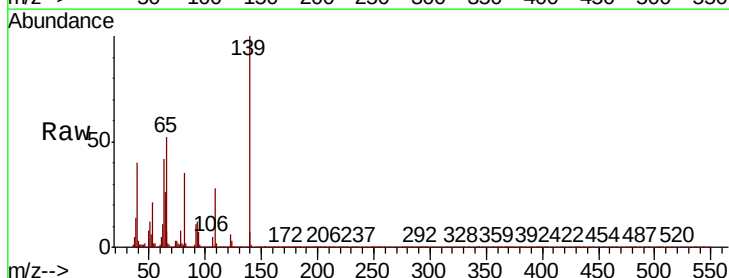
Tgt Ion: 139 Resp: 221361

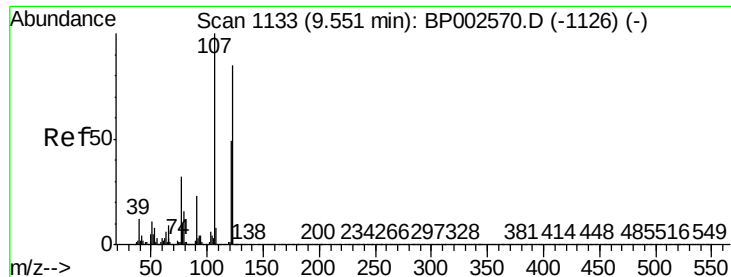
Ion Ratio Lower Upper

139 100

109 28.3 26.0 39.0

65 51.9 41.9 62.9

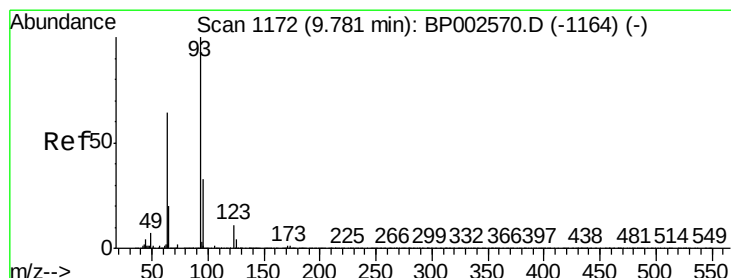
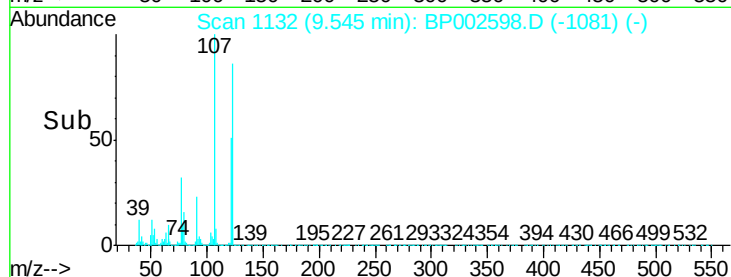
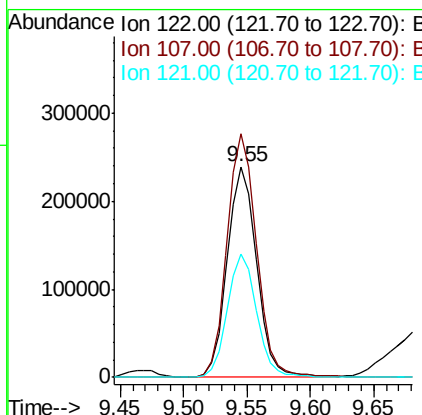
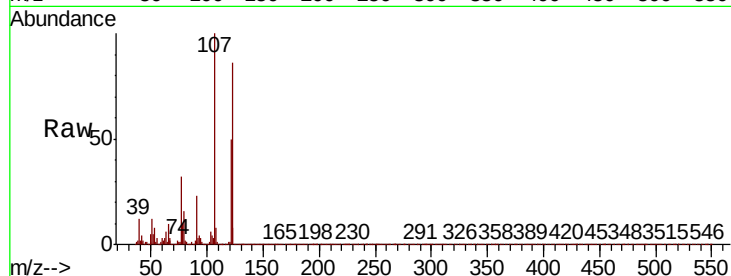




#27
2,4-Dimethylphenol
Concen: 57.991 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

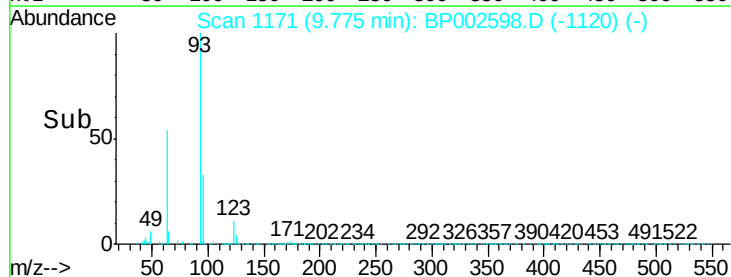
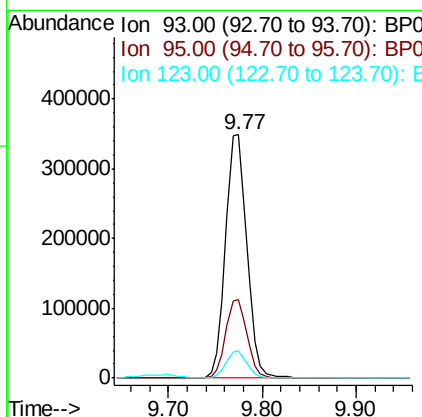
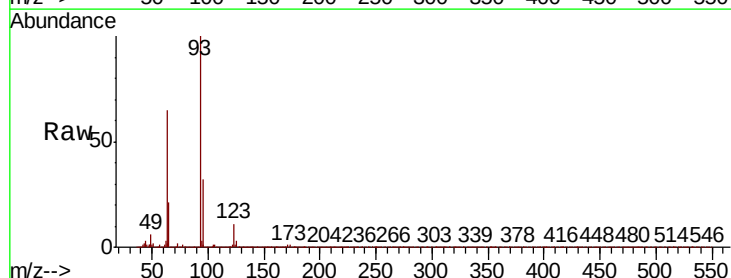
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

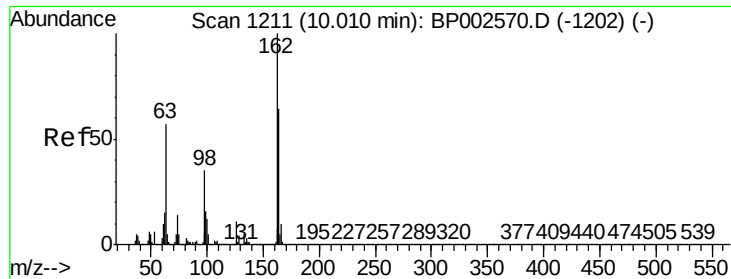
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	95.9	143.9
121	58.5	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 52.997 ng
RT: 9.77 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	11.3	8.7	13.1

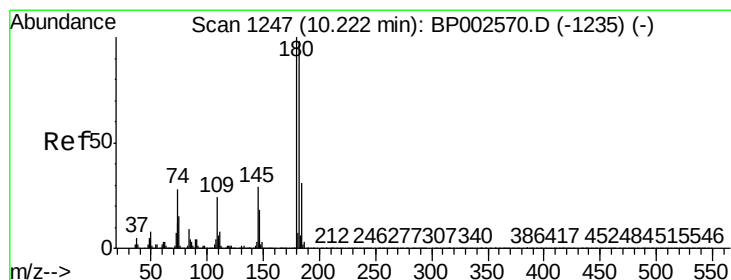
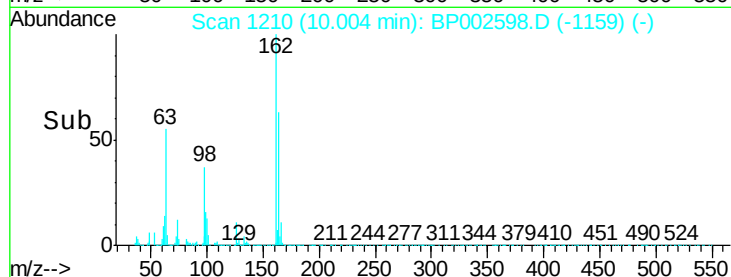
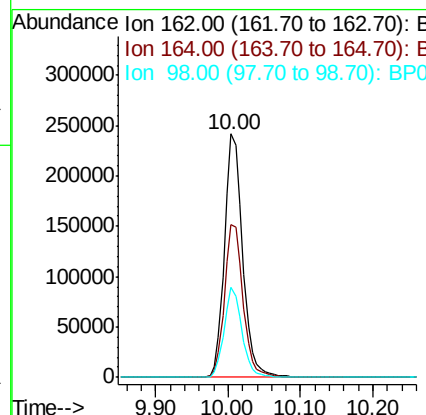
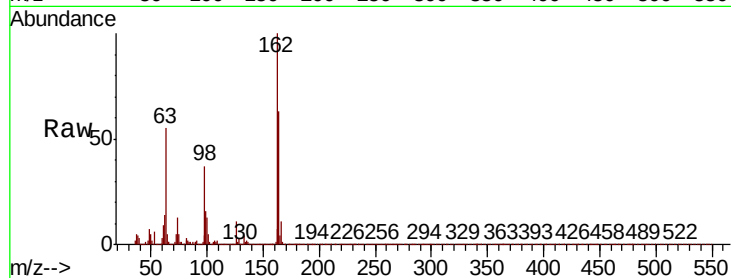




#29
2,4-Dichlorophenol
Concen: 55.708 ng
RT: 10.00 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

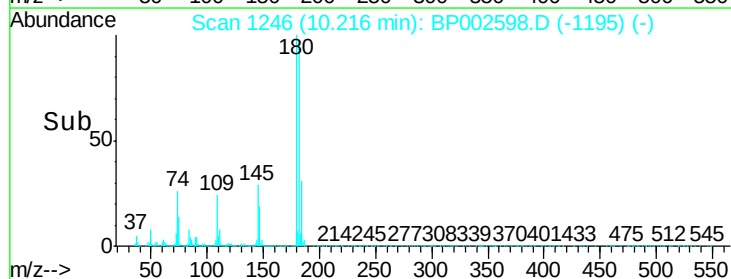
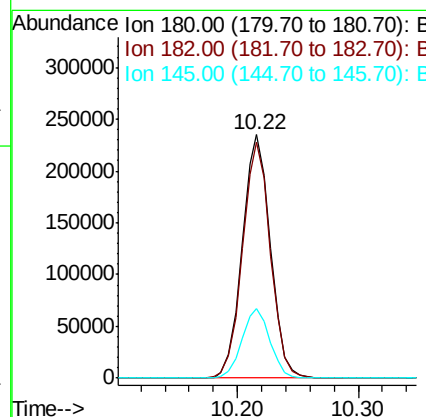
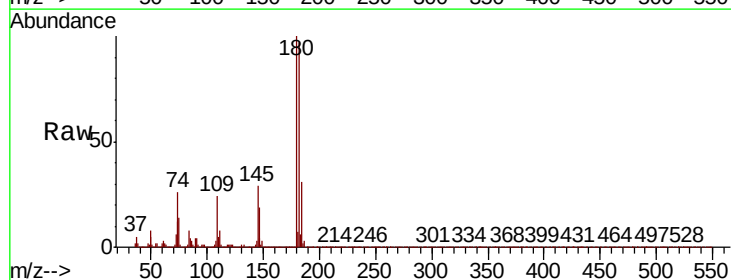
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

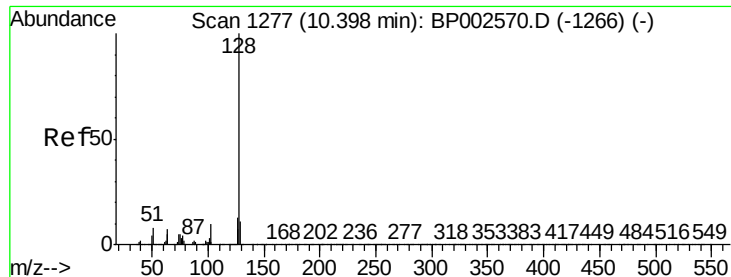
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.1	86.1
98	36.9	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 44.373 ng
RT: 10.22 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.2	117.2
145	28.7	22.6	34.0

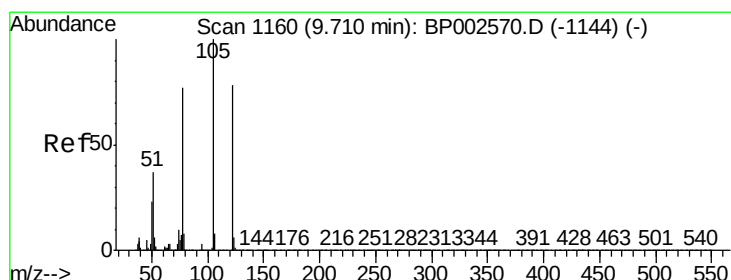
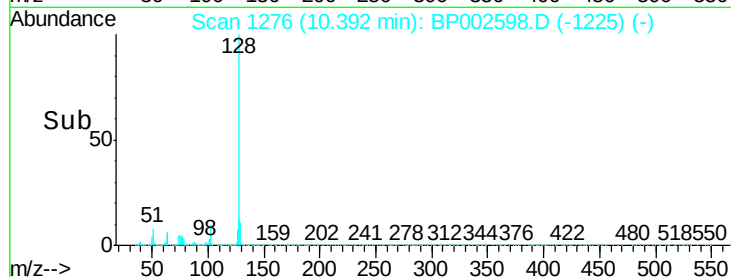
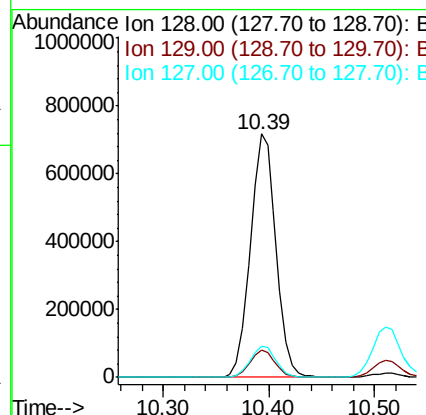
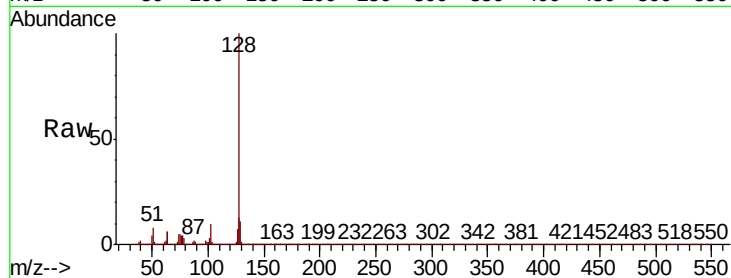




#31
Naphthalene
Concen: 48.803 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

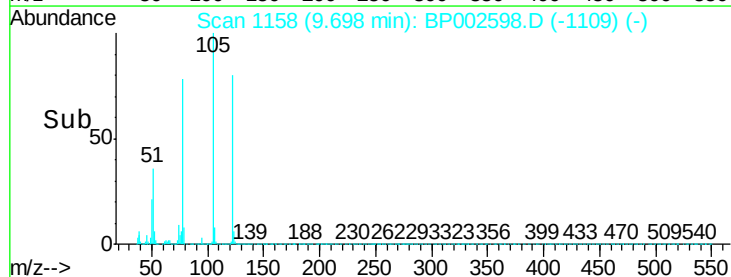
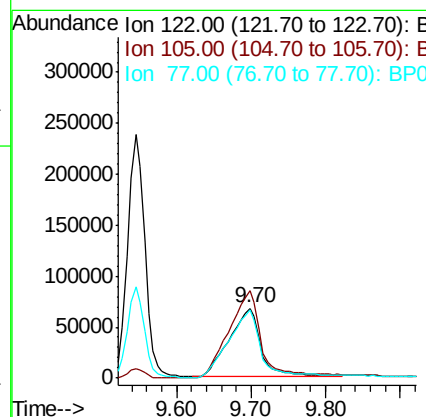
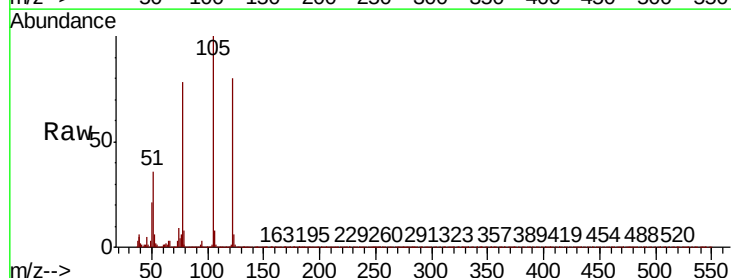
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

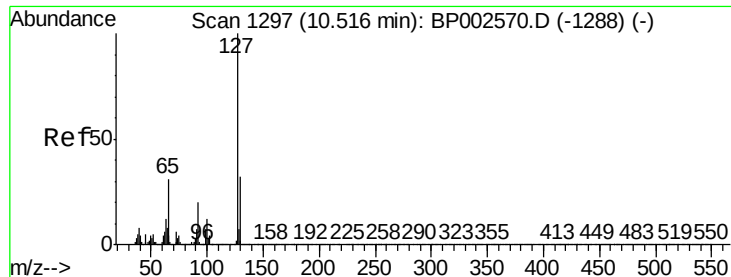
Tot Ion:128 Resp: 1204923
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 40.630 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:122 Resp: 202805
Ion Ratio Lower Upper
122 100
105 125.3 106.6 146.6
77 97.6 76.5 116.5

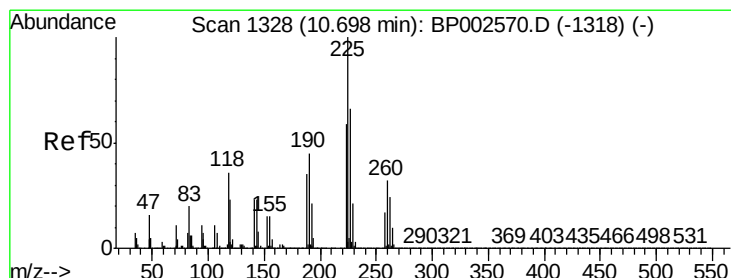
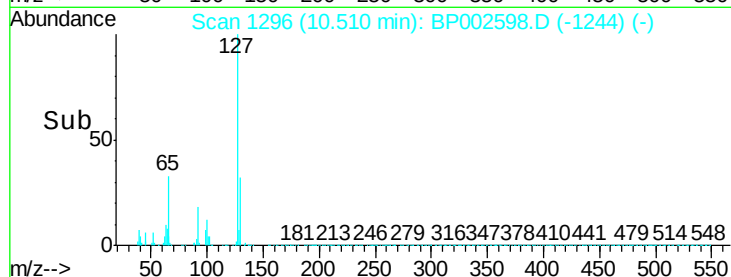
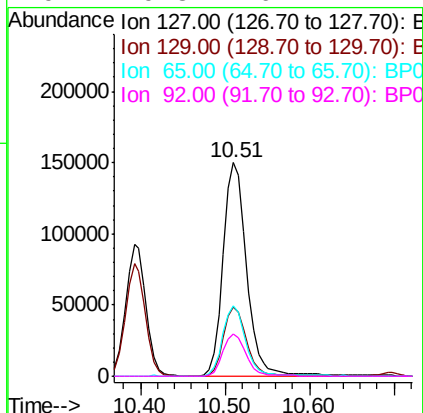
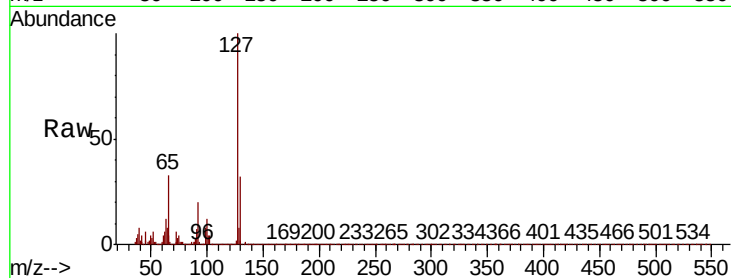




#33
4-Chloroaniline
Concen: 26.528 ng
RT: 10.51 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

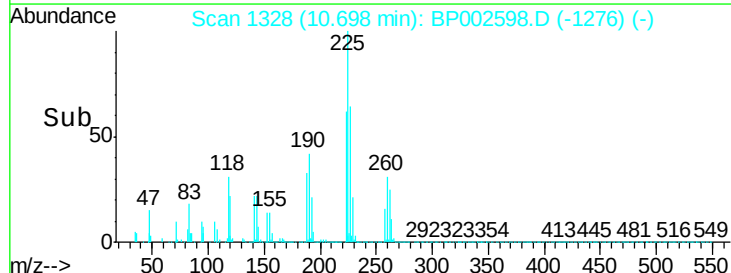
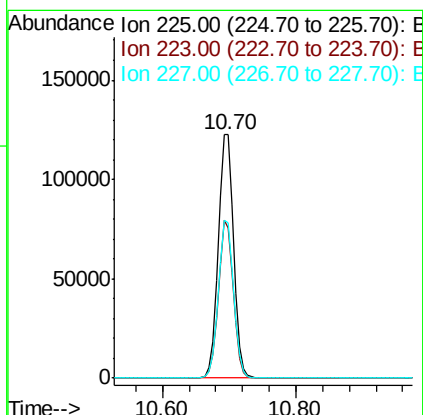
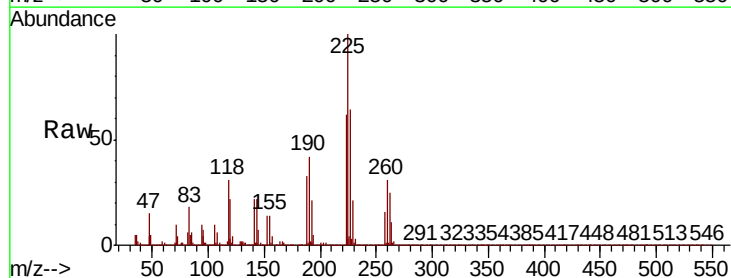
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

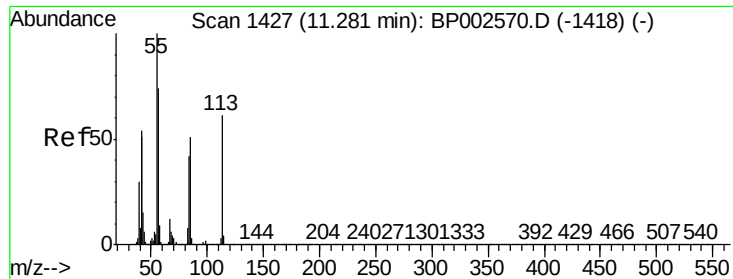
Tot Ion:	127	Resp:	286495
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	32.9	25.7	38.5
92	19.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.022 ng
RT: 10.70 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:	225	Resp:	199931
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.6	78.8
227	63.6	52.1	78.1

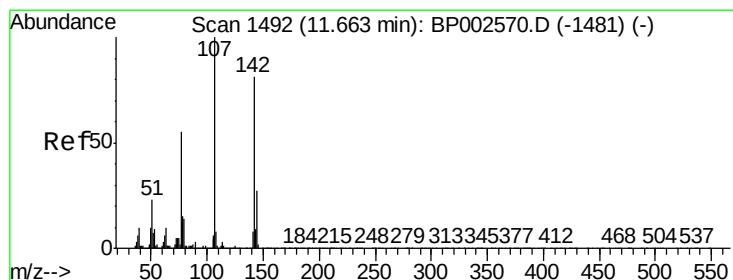
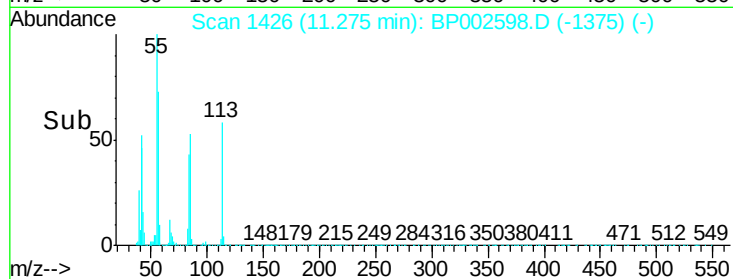
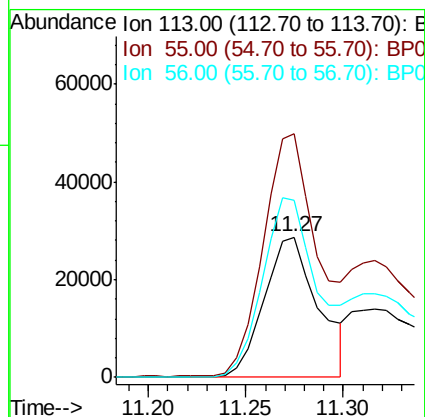
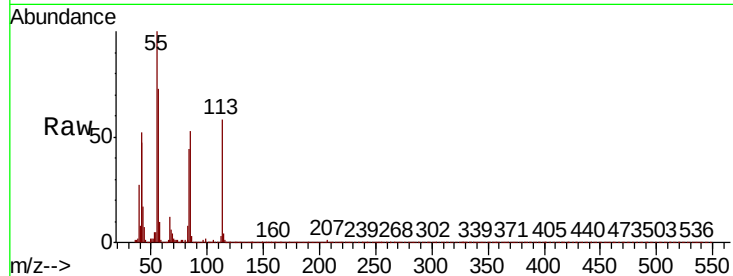




#35
Caprolactam
Concen: 21.460 ng
RT: 11.27 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

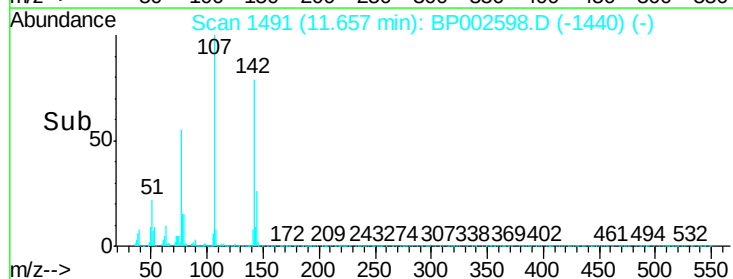
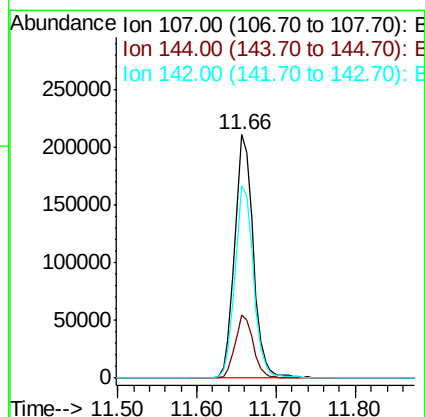
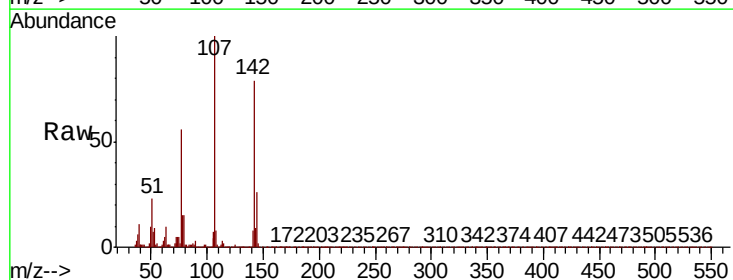
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

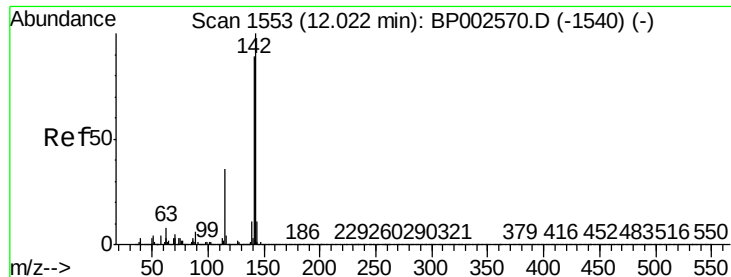
Tot Ion:113 Resp: 55046
Ion Ratio Lower Upper
113 100
55 173.3 143.7 183.7
56 125.9 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 41.216 ng
RT: 11.66 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:107 Resp: 344713
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.6
142 79.1 63.9 95.9

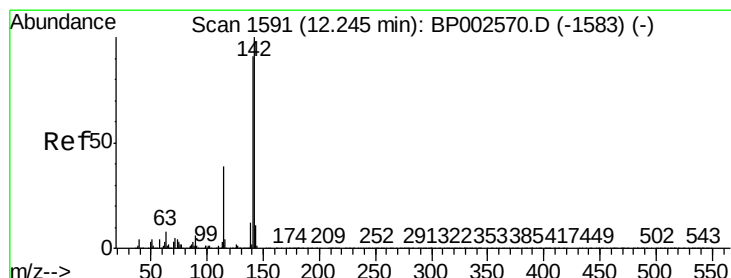
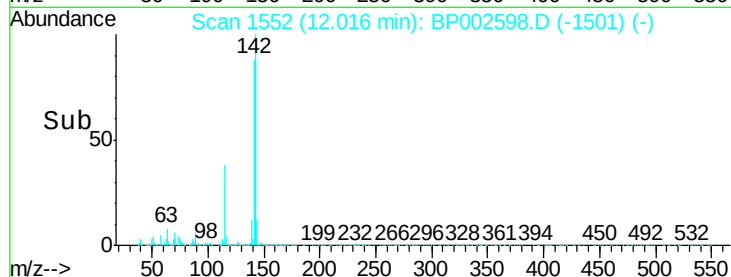
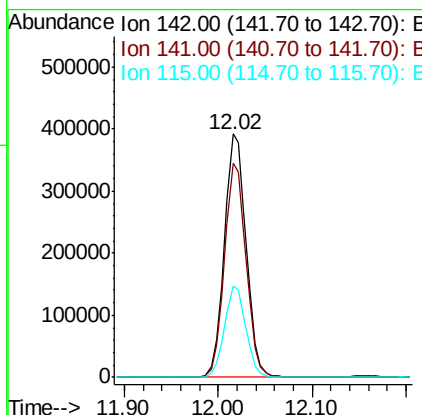
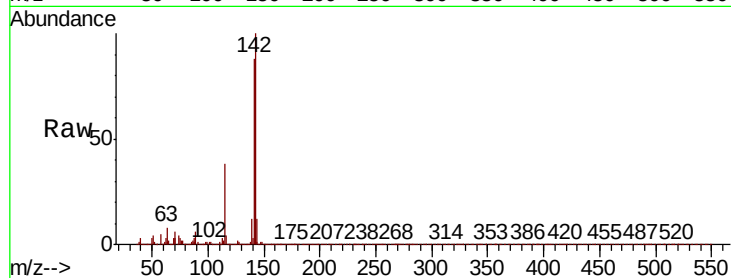




#37
2-Methylnaphthalene
Concen: 34.997 ng
RT: 12.02 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

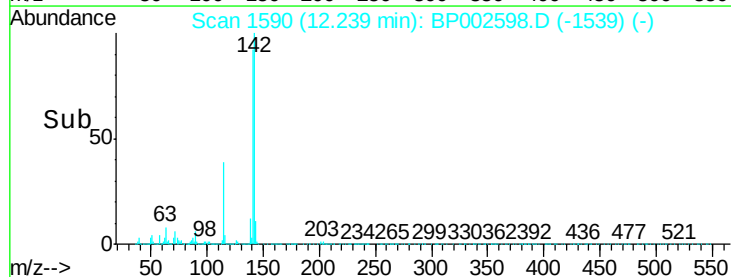
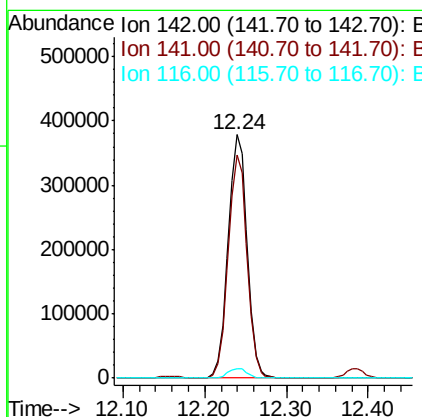
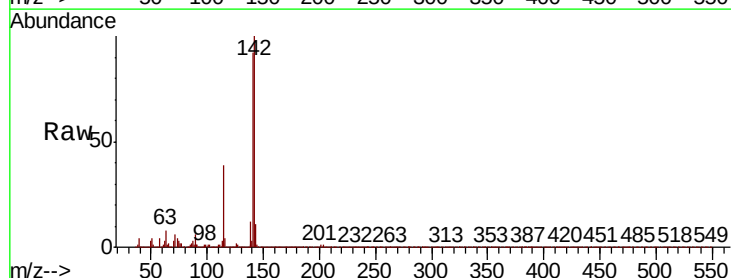
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

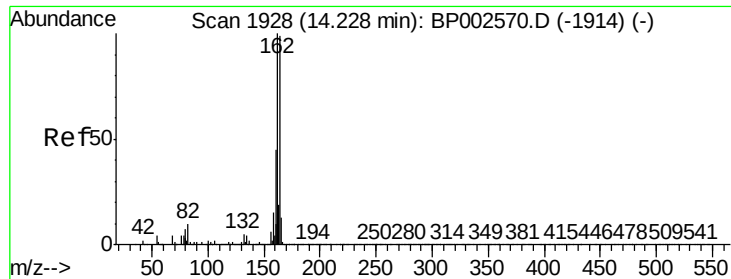
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.7	106.1
115	37.5	29.7	44.5



#38
1-Methylnaphthalene
Concen: 35.950 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
116	3.9	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: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

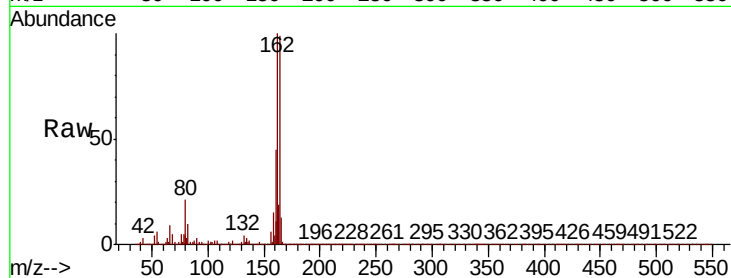
Tot Ion:164 Resp: 243989

Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

160 45.1 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

14.22

200000

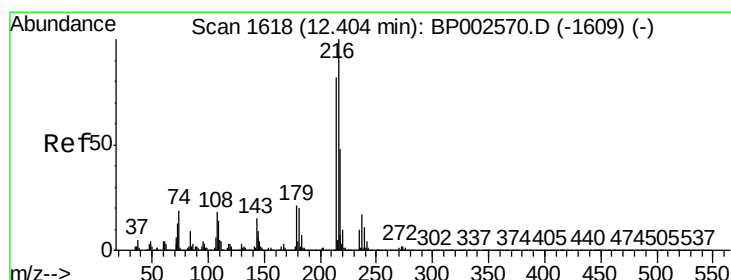
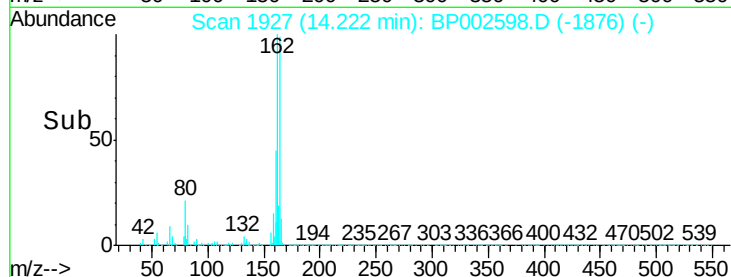
150000

100000

50000

0

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.992 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:216 Resp: 319917

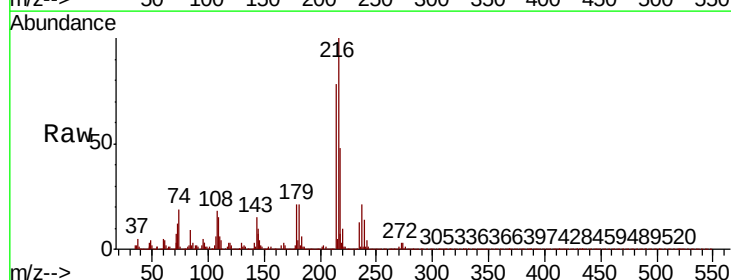
Ion Ratio Lower Upper

216 100

214 79.3 63.2 94.8

179 20.8 16.6 24.8

108 19.2 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

12.40

300000

250000

200000

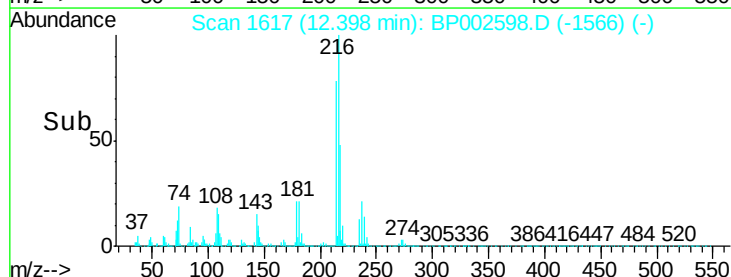
150000

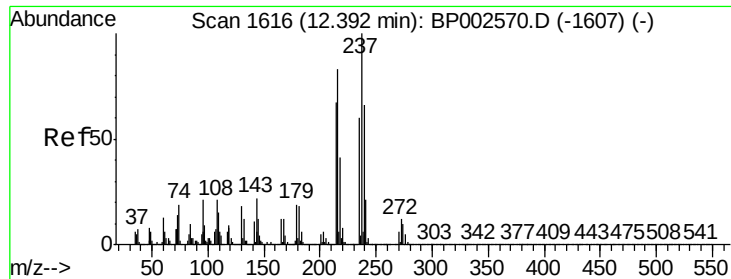
100000

50000

0

Time-->

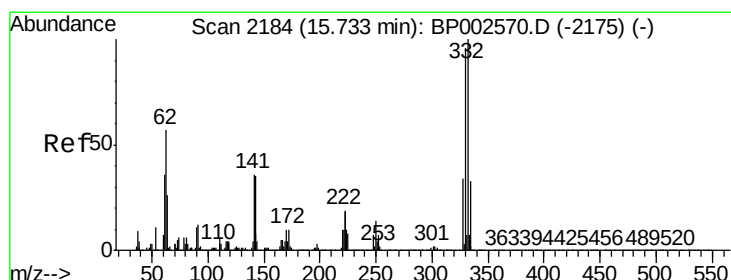
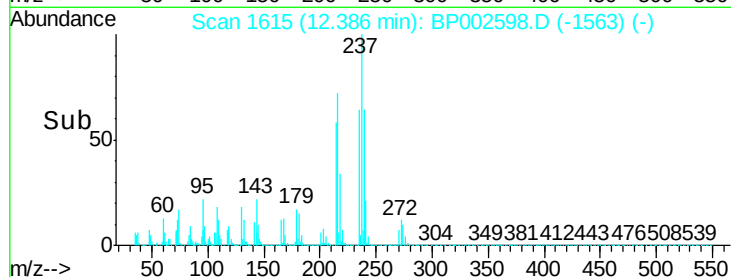
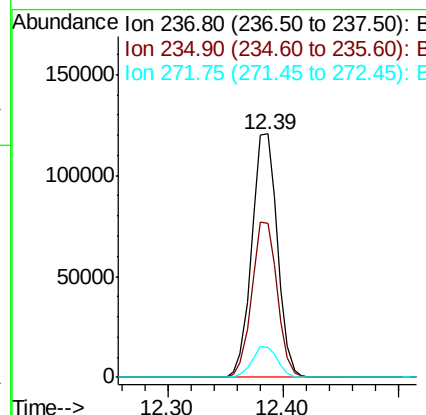
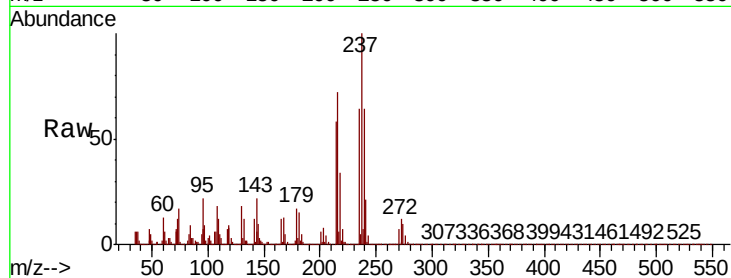




#41
Hexachlorocyclopentadiene
Concen: 48.676 ng
RT: 12.39 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

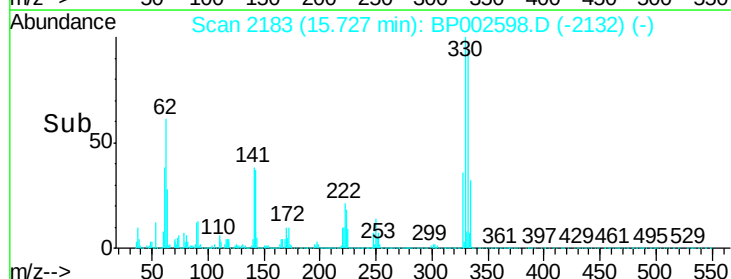
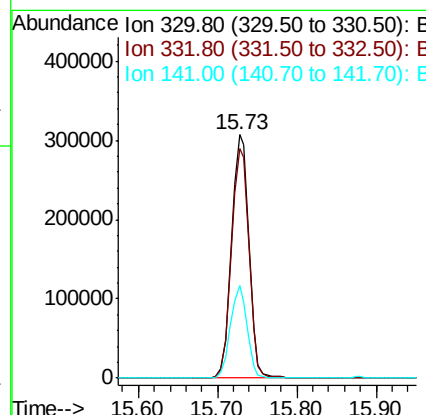
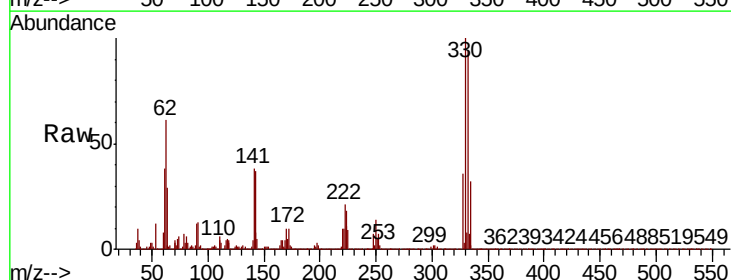
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

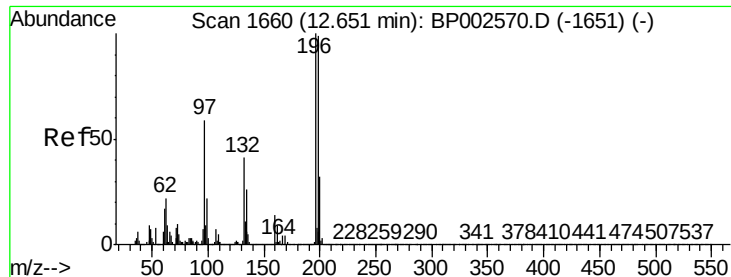
Tot Ion:	237	Resp:	186365
Ion Ratio	Lower	Upper	
237	100		
235	63.5	45.4	85.4
272	12.4	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 156.738 ng
RT: 15.73 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:	330	Resp:	465136
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.7	116.5
141	36.6	29.0	43.6

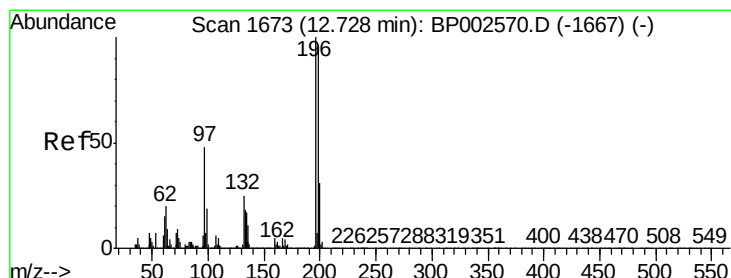
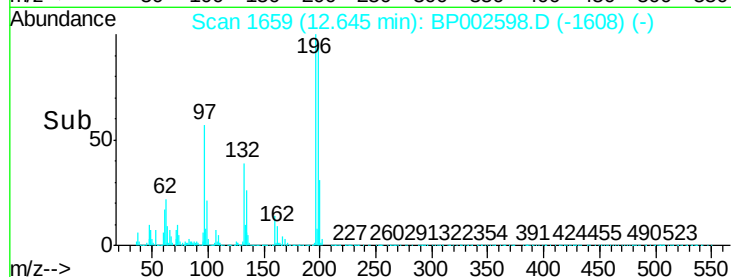
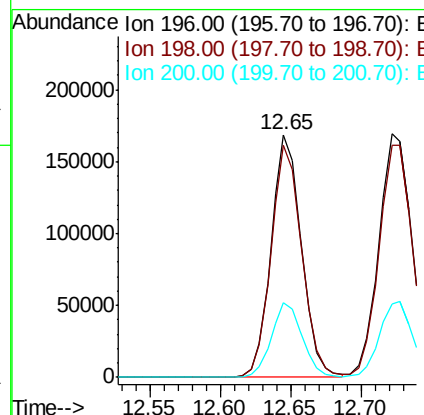
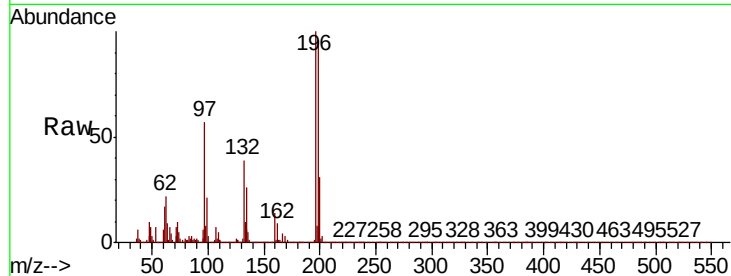




#43
 2,4,6-Trichlorophenol
 Concen: 49.223 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

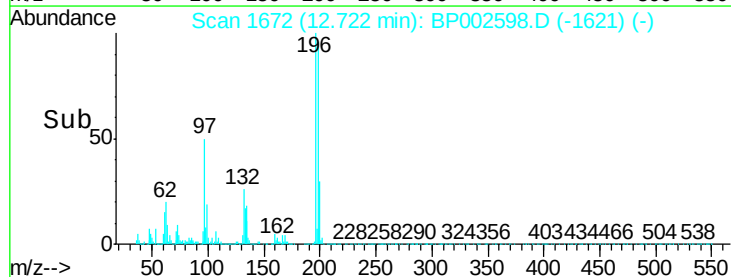
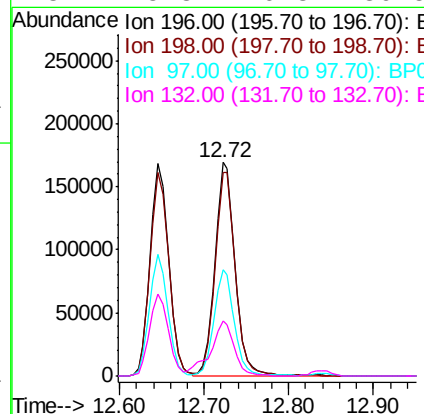
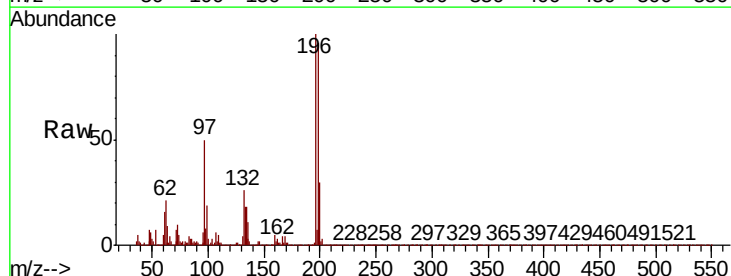
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

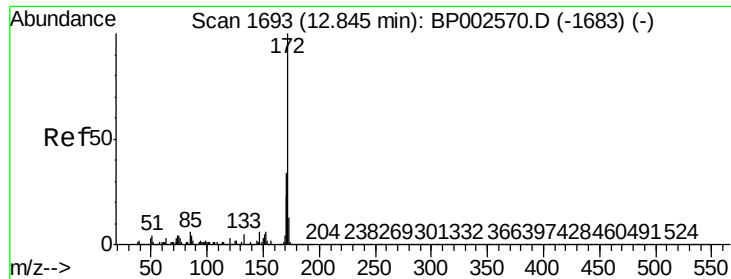
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.3	112.9
200	30.9	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 47.998 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.4	113.0
97	50.0	39.3	58.9
132	25.8	20.3	30.5

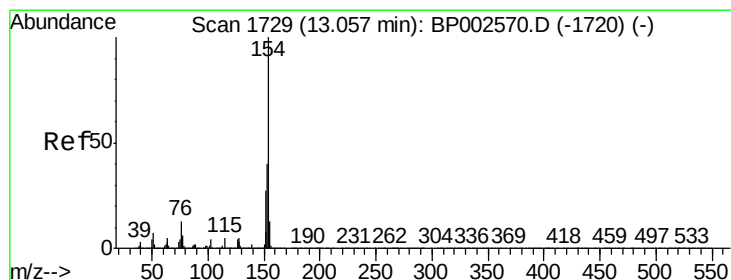
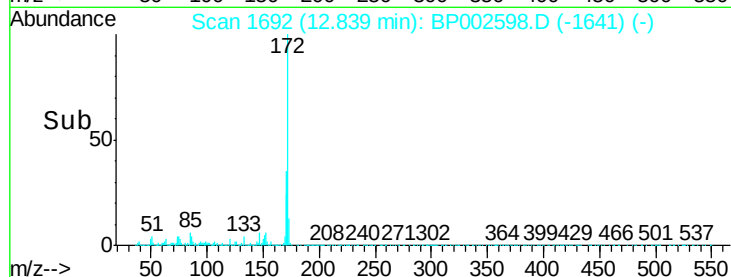
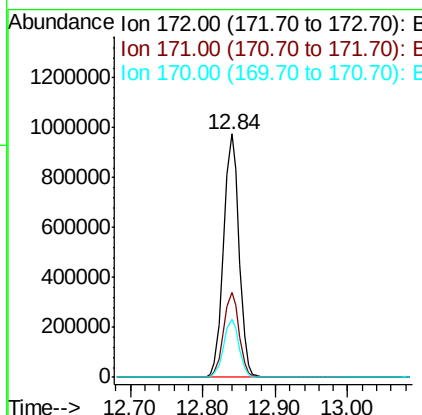
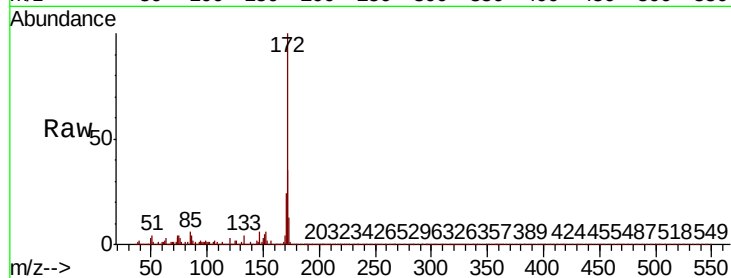




#45
2-Fluorobiphenyl
Concen: 87.627 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

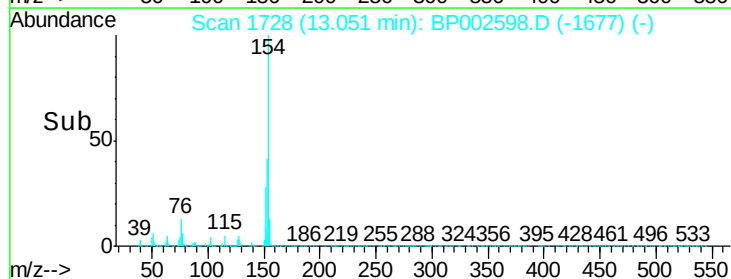
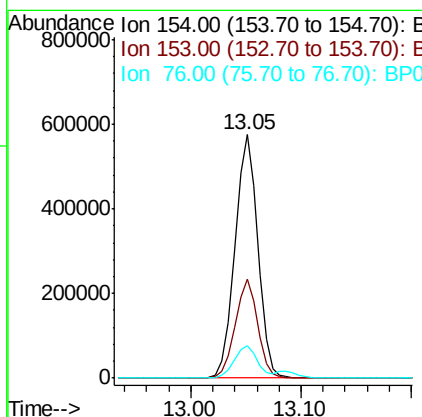
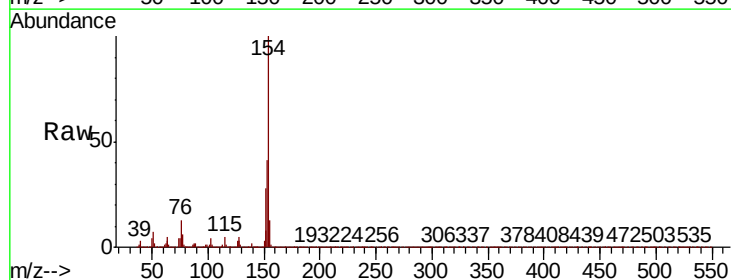
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

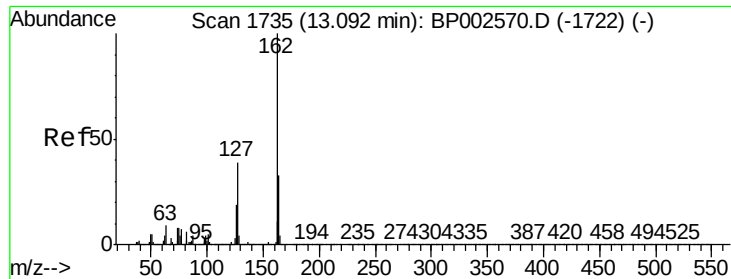
Tot Ion:172 Resp: 1452616
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.287 ng
RT: 13.05 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:154 Resp: 835815
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 13.3 0.0 33.0

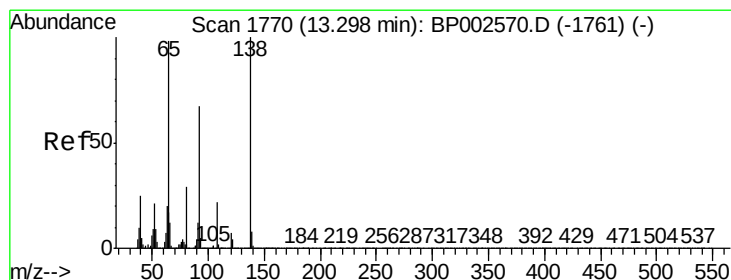
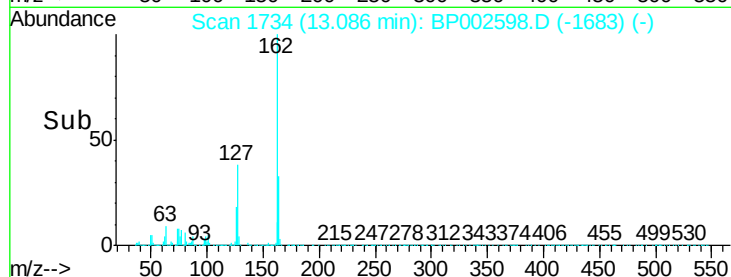
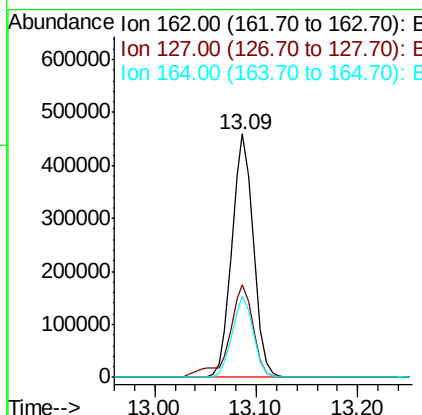
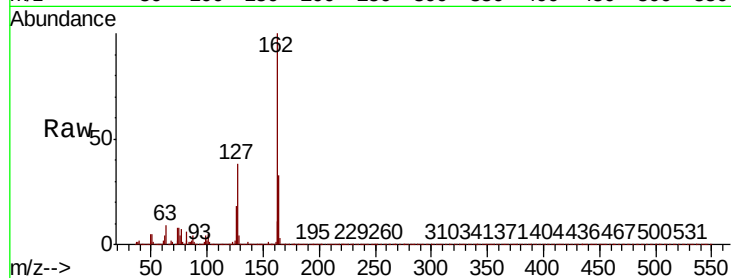




#47
2-Chloronaphthalene
Concen: 44.949 ng
RT: 13.09 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

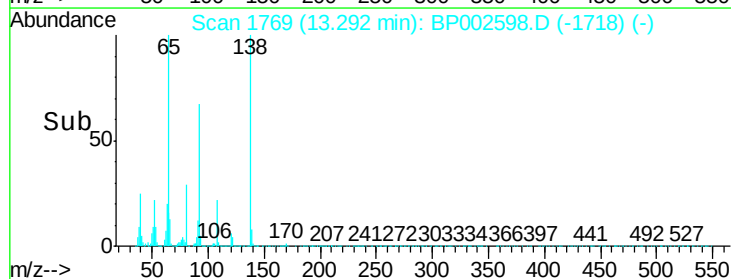
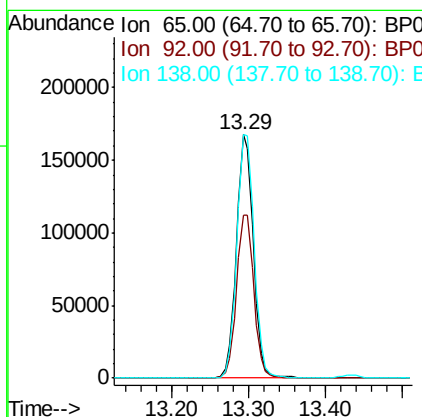
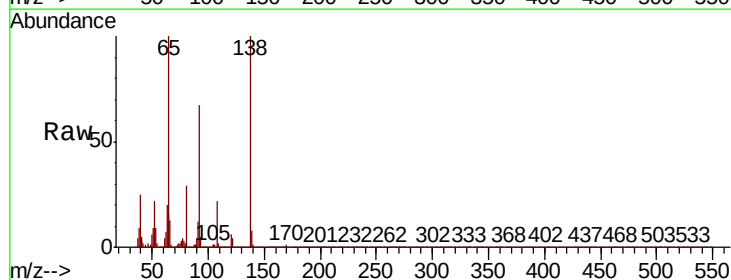
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

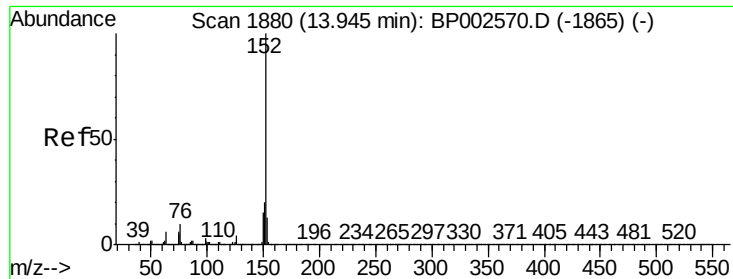
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.7	47.5
164	33.3	27.3	40.9



#48
2-Nitroaniline
Concen: 53.810 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	54.2	81.4
138	99.8	79.8	119.8





#49

Acenaphthylene

Concen: 48.012 ng

RT: 13.94 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

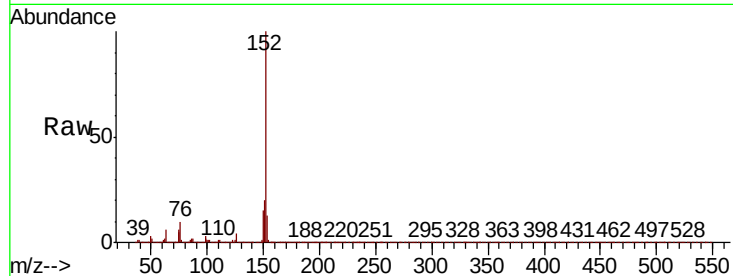
BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion:152 Resp: 1135206

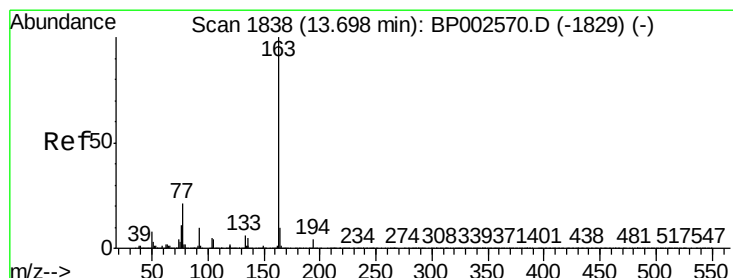
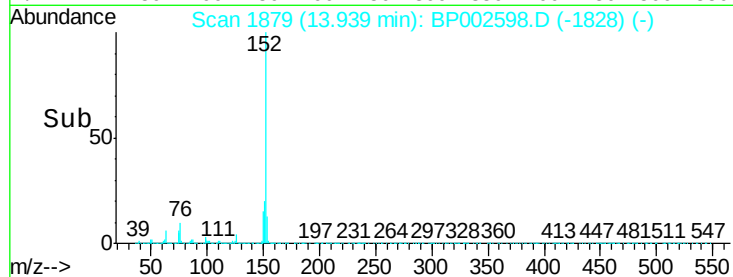
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.4	10.2	15.2



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: 59.089 ng

RT: 13.69 min Scan# 1837

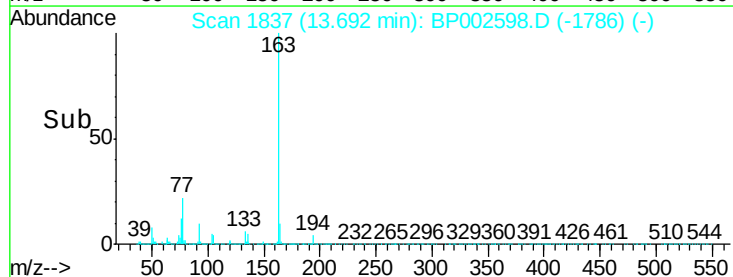
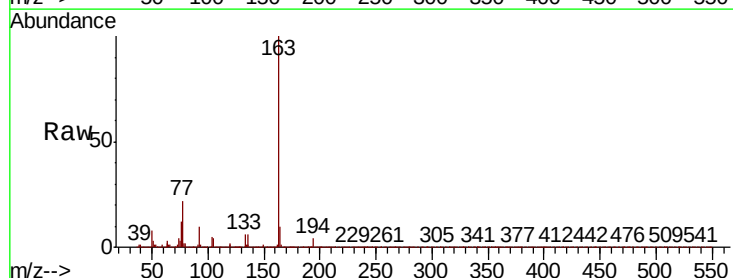
Delta R.T. -0.00 min

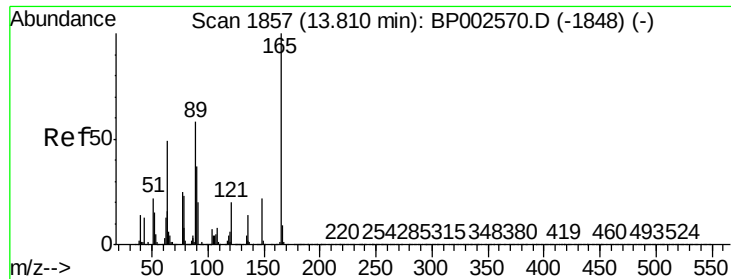
Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:163 Resp: 1132346

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	8.2	12.4

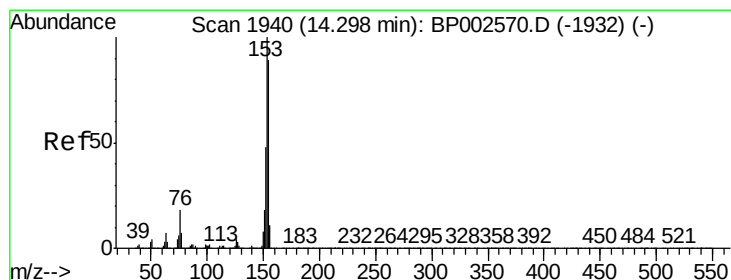
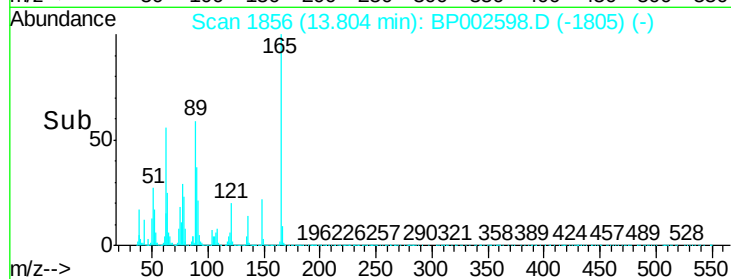
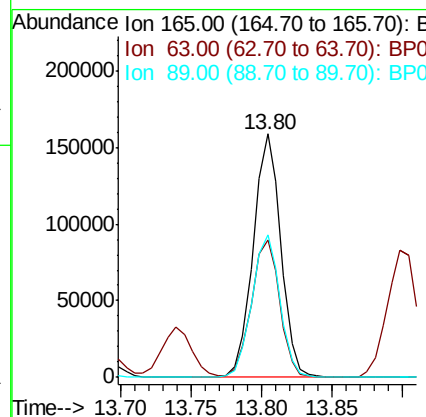
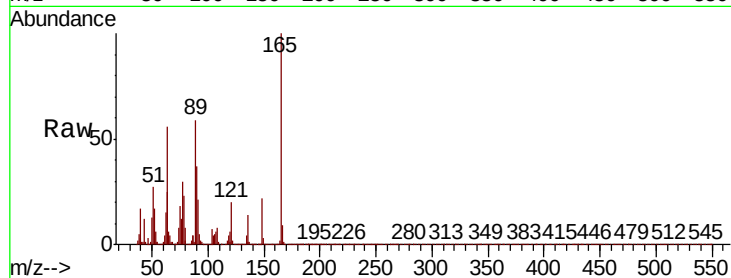




#51
2,6-Dinitrotoluene
Concen: 52.818 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

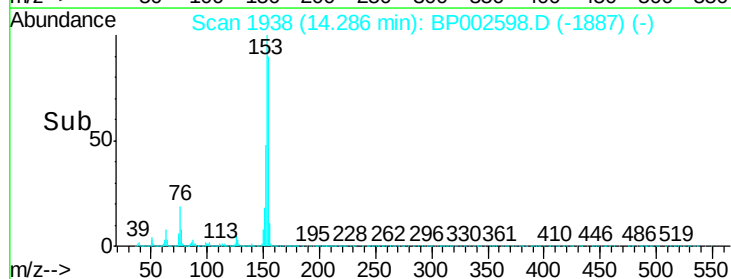
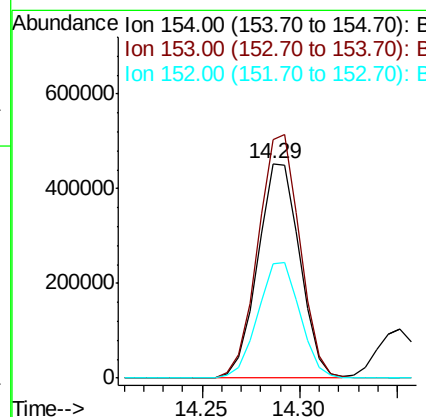
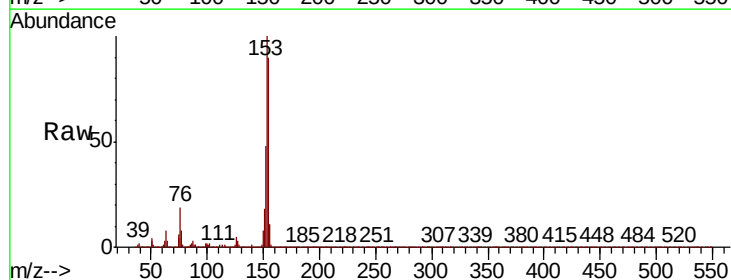
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

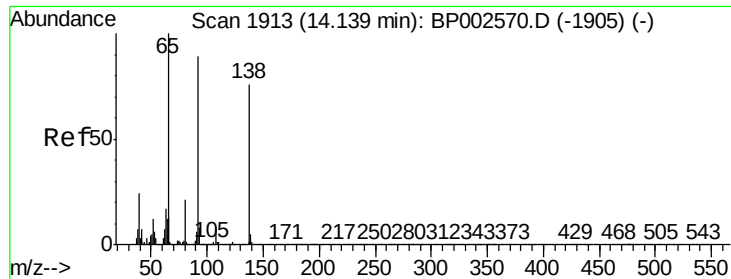
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	46.6	69.8
89	58.6	46.3	69.5



#52
Acenaphthene
Concen: 48.320 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.1	133.7
152	53.6	43.2	64.8

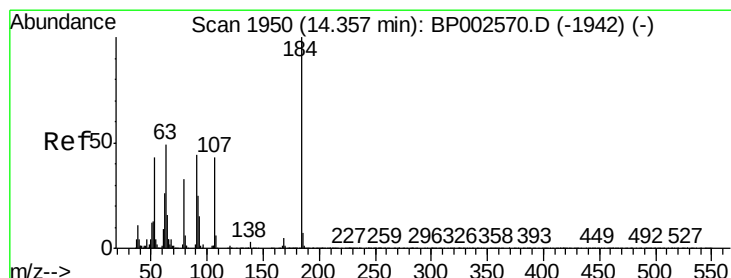
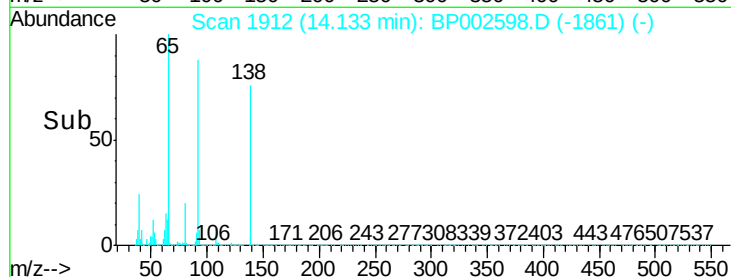
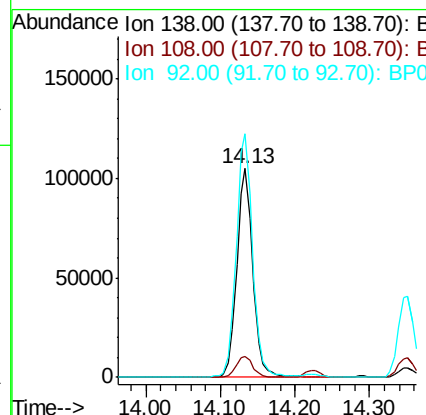
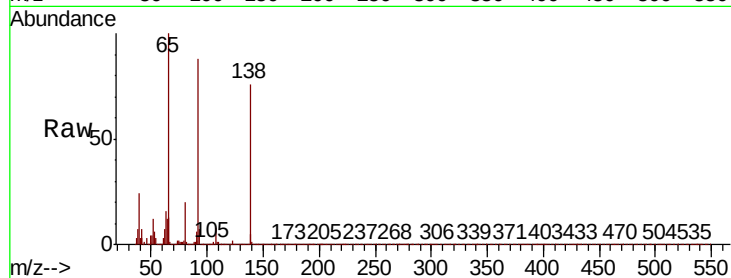




#53
3-Nitroaniline
Concen: 35.164 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

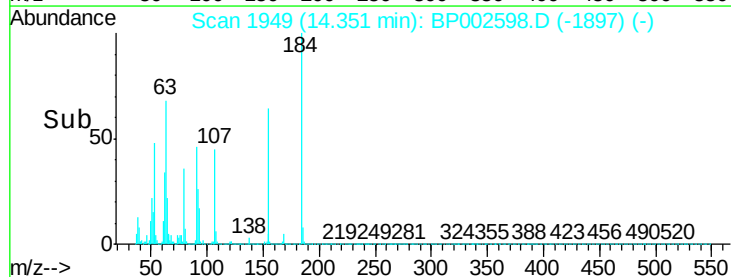
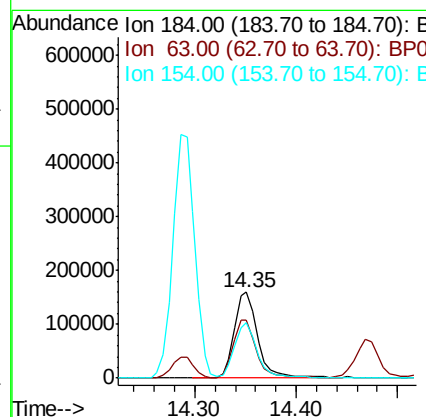
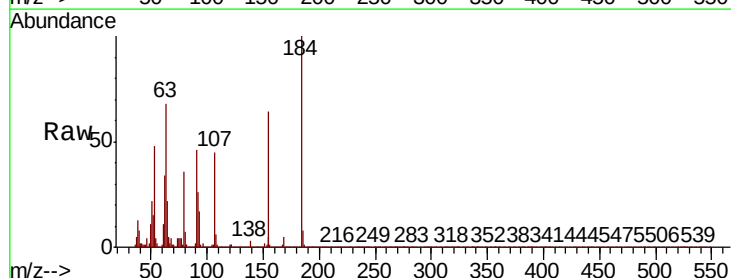
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

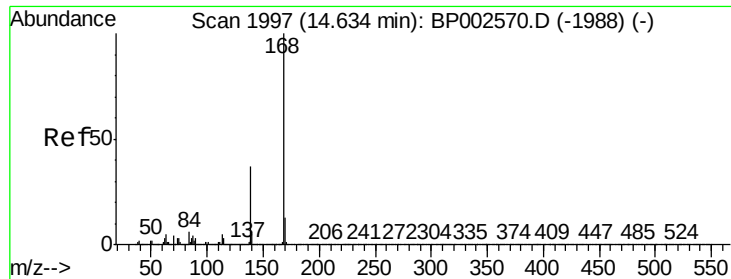
Tot Ion:138 Resp: 158466
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 116.7 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 97.661 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:184 Resp: 255665
Ion Ratio Lower Upper
184 100
63 68.3 56.2 84.2
154 64.2 50.9 76.3





#55

Dibenzofuran

Concen: 49.172 ng

RT: 14.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

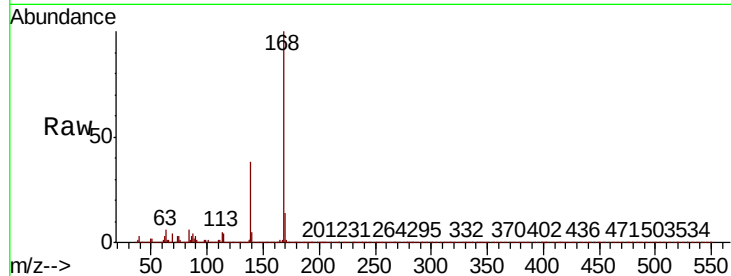
BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion:168 Resp: 1111624

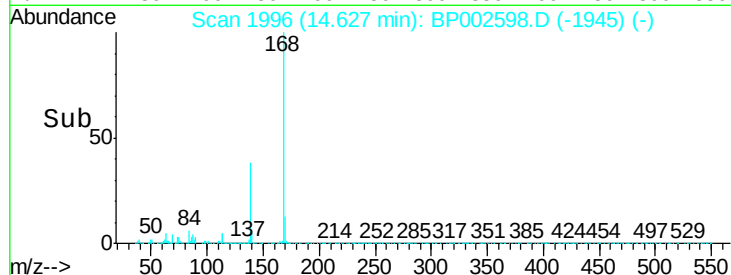
Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.3	43.9
169	13.5	10.6	15.8



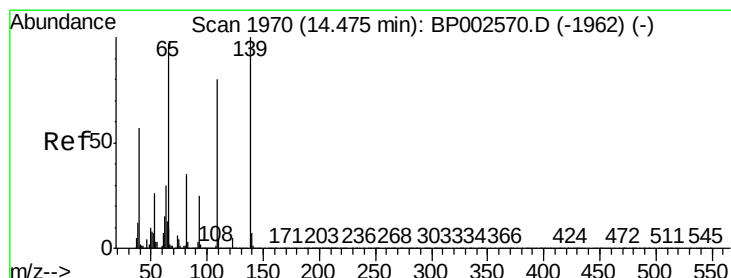
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 101.972 ng

RT: 14.47 min Scan# 1969

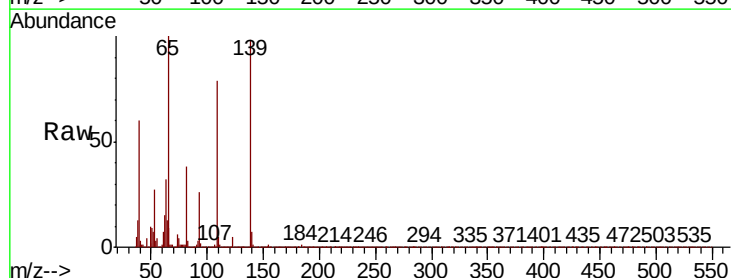
Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:139 Resp: 365215

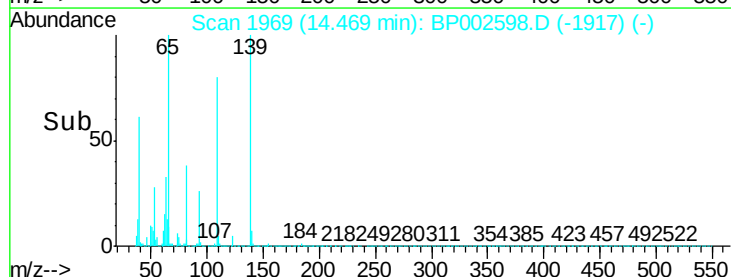
Ion	Ratio	Lower	Upper
139	100		
109	80.1	60.1	100.1
65	101.5	80.3	120.3



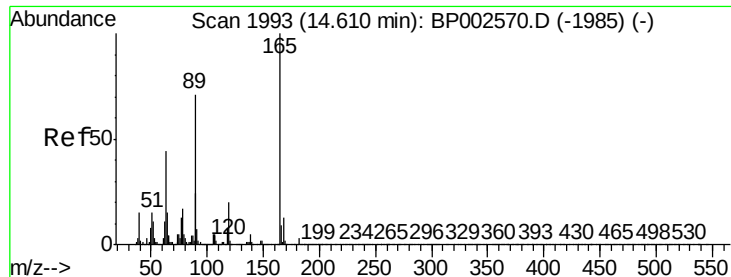
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



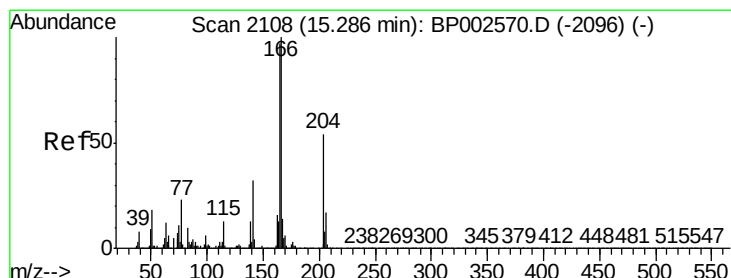
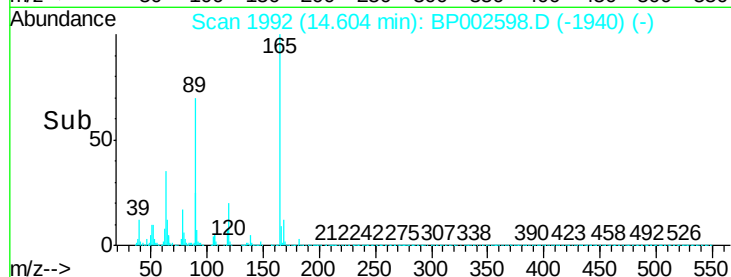
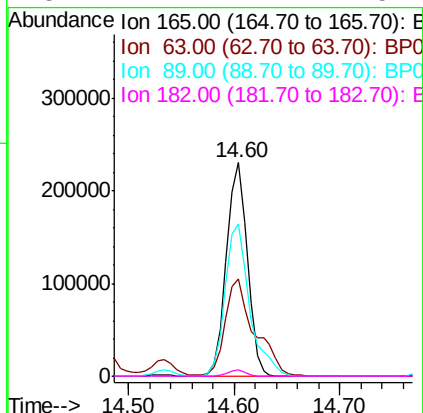
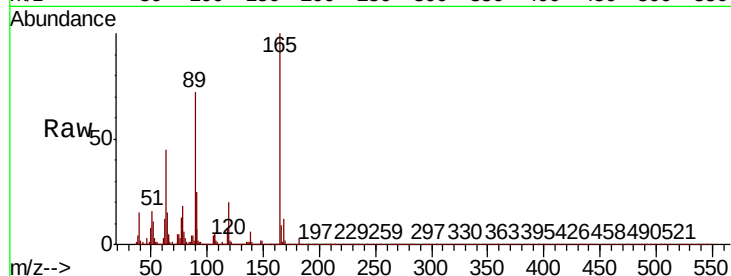
Time-->



#57
2,4-Dinitrotoluene
Concen: 56.810 ng
RT: 14.60 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

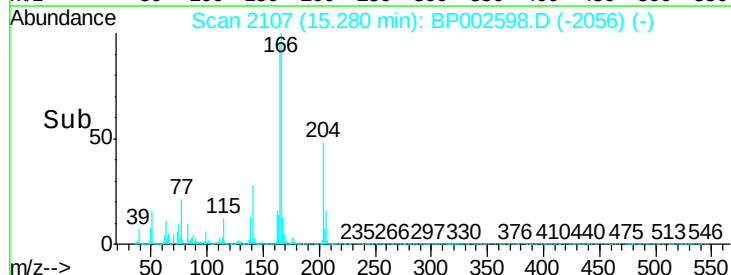
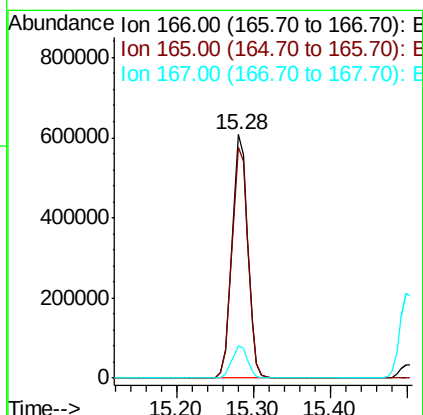
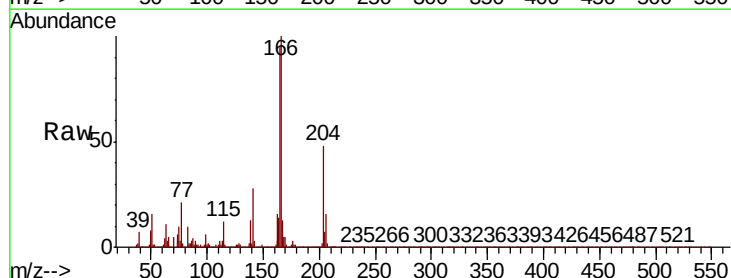
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

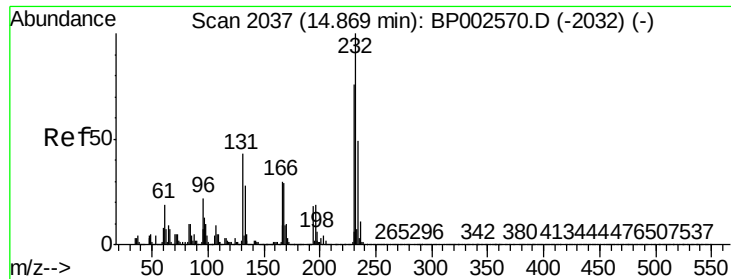
Tot Ion:165 Resp: 316292
Ion Ratio Lower Upper
165 100
63 45.3 37.3 55.9
89 71.5 59.4 89.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 50.824 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:166 Resp: 875056
Ion Ratio Lower Upper
166 100
165 94.9 79.1 118.7
167 13.1 10.8 16.2

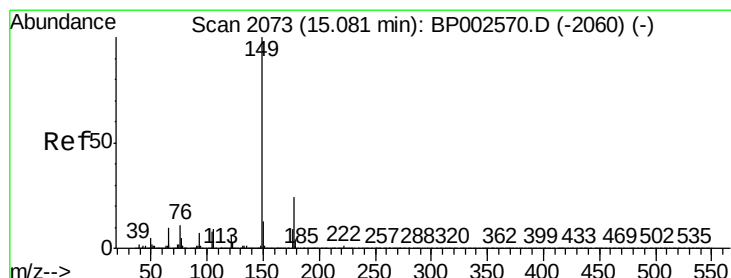
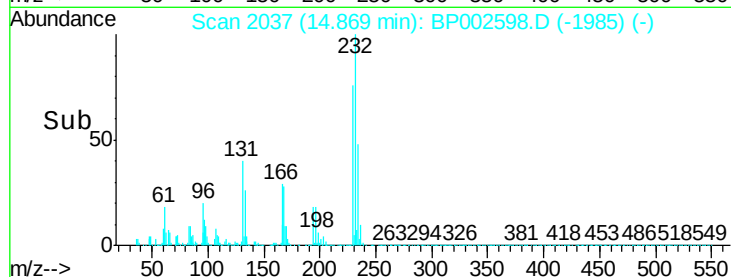
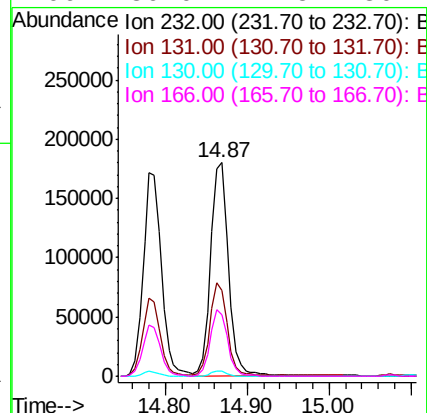
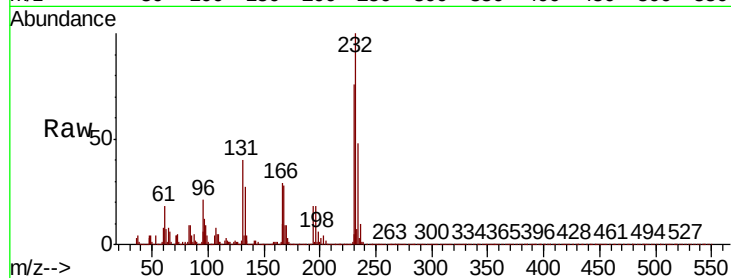




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.836 ng
 RT: 14.87 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

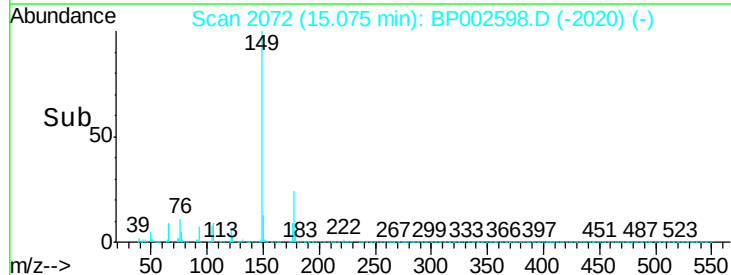
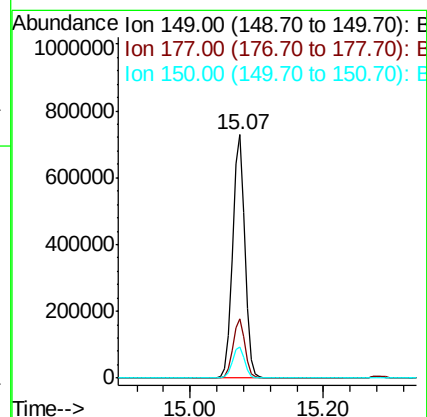
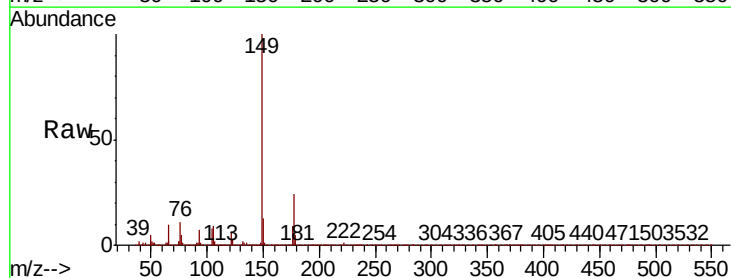
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

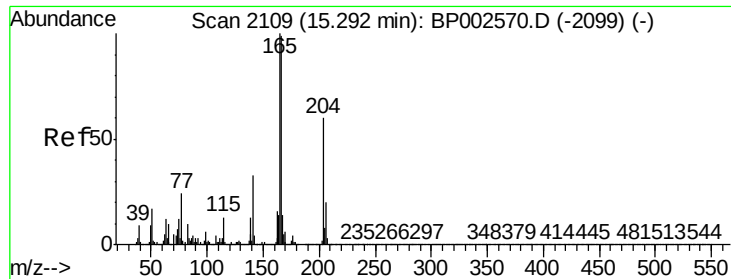
Tot Ion:232	Resp:	272457
Ion	Ratio	Lower Upper
232	100	
131	42.7	34.4 51.6
130	2.2	1.8 2.6
166	30.0	24.5 36.7



#60
 Diethylphthalate
 Concen: 49.593 ng
 RT: 15.07 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion:149	Resp:	945032
Ion	Ratio	Lower Upper
149	100	
177	24.1	18.6 27.8
150	13.0	10.2 15.2

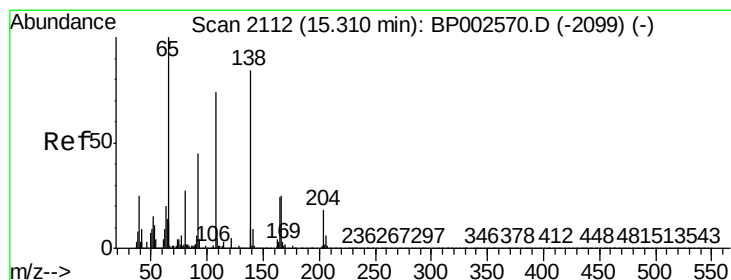
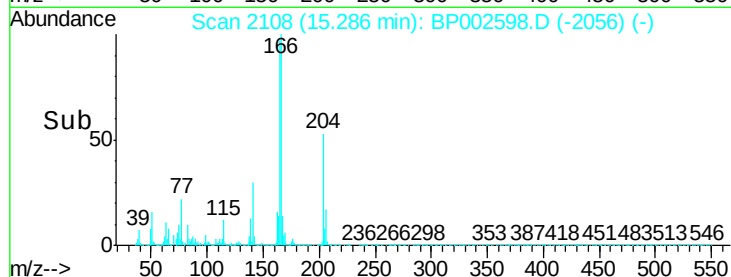
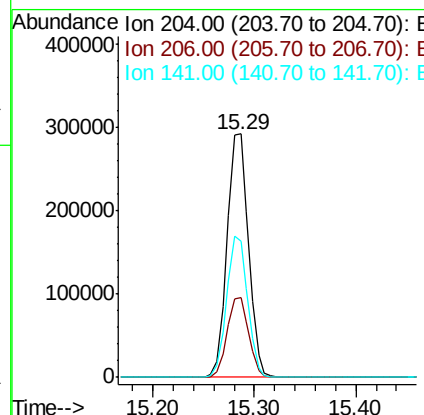
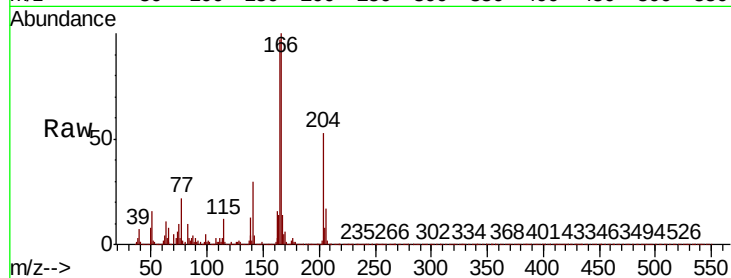




#61
4-Chlorophenyl-phenylether
Concen: 46.337 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

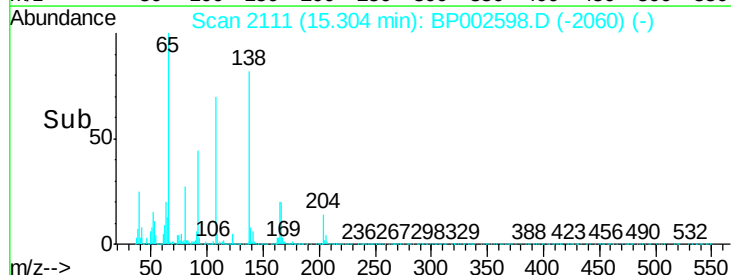
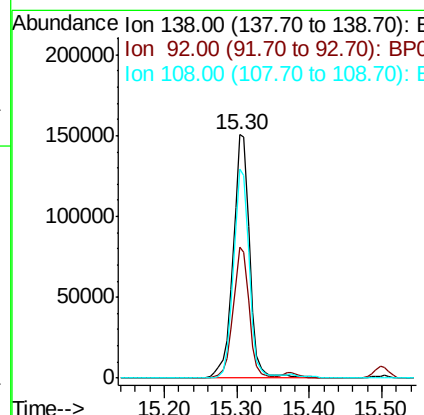
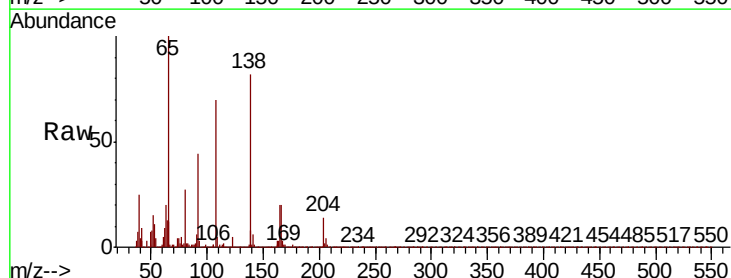
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

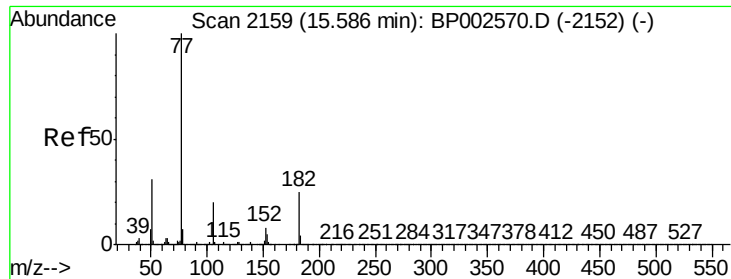
Tot Ion:204 Resp: 427842
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 56.1 47.7 71.5



#62
4-Nitroaniline
Concen: 53.579 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:138 Resp: 241328
Ion Ratio Lower Upper
138 100
92 54.0 33.9 73.9
108 85.6 67.8 107.8

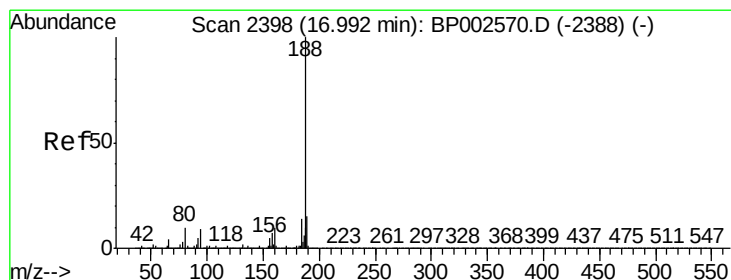
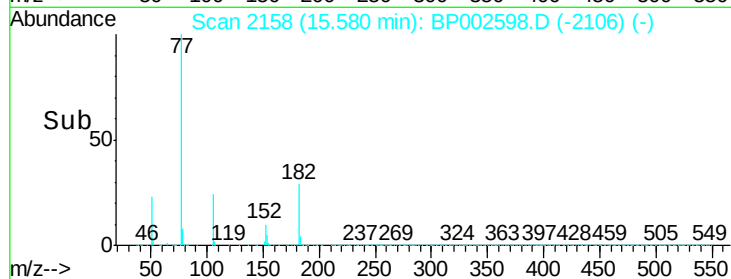
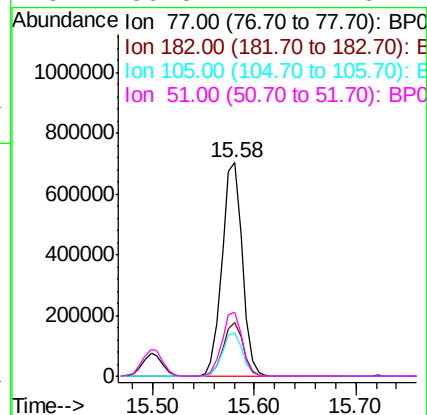
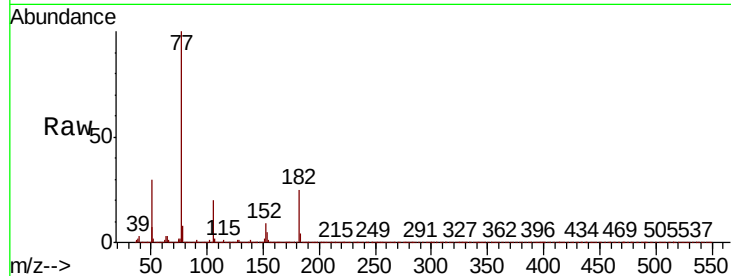




#63
Azobenzene
Concen: 52.778 ng
RT: 15.58 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

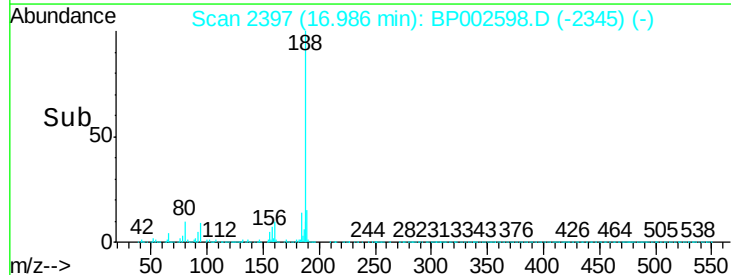
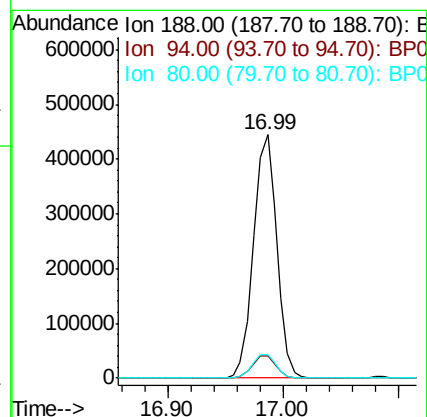
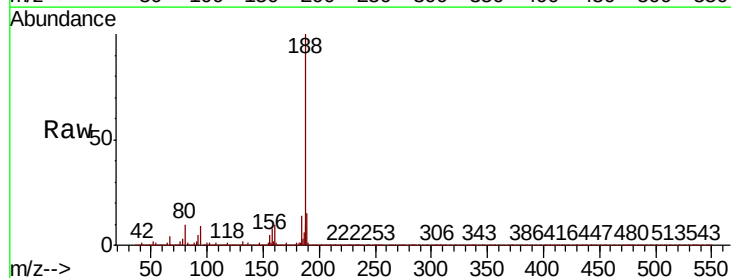
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

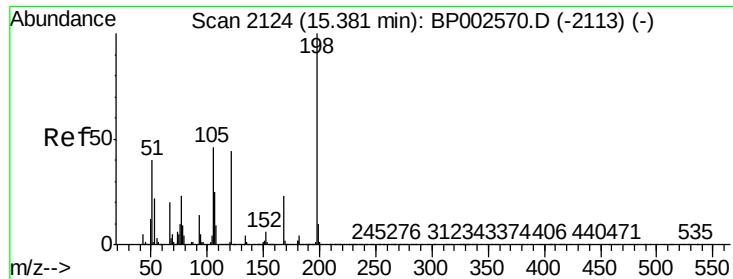
Tot Ion:	77	Resp:	972463
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.7	44.7
105	20.5	0.6	40.6
51	30.3	11.2	51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:	188	Resp:	625695
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	9.7	8.2	12.4

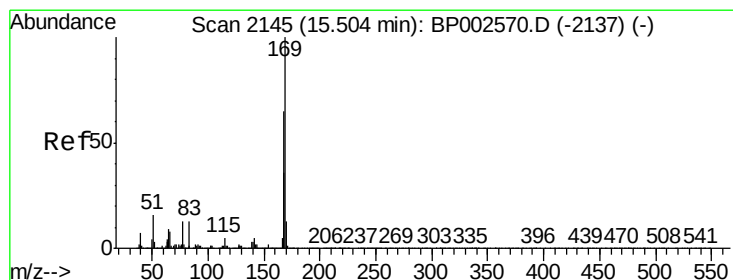
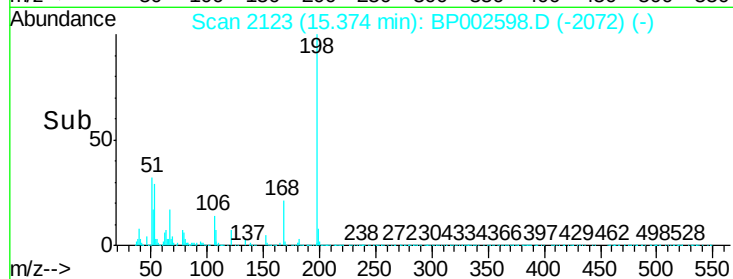
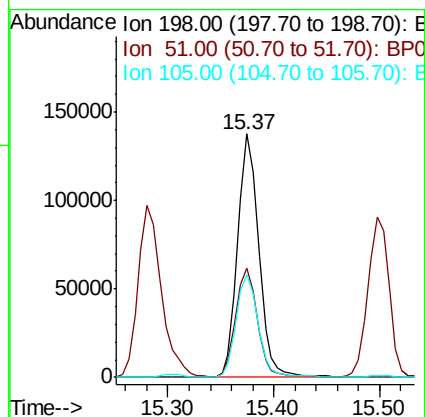
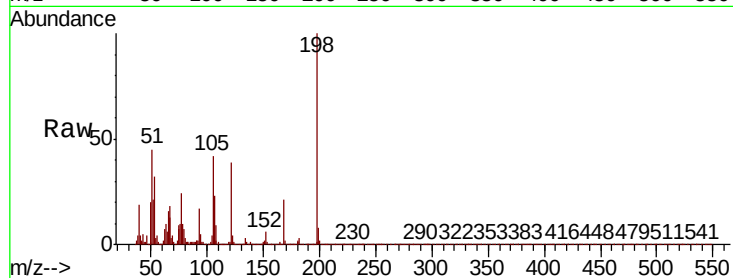




#65
4,6-Dinitro-2-methylphenol
Concen: 47.334 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

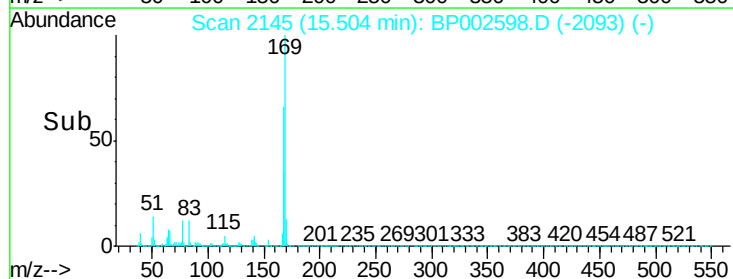
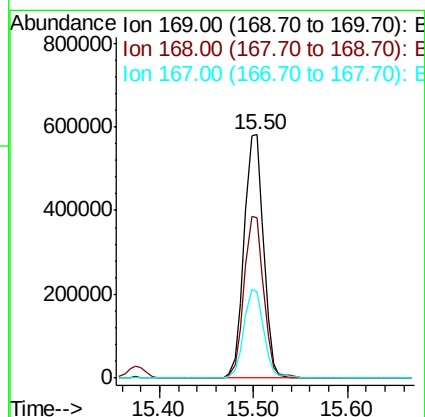
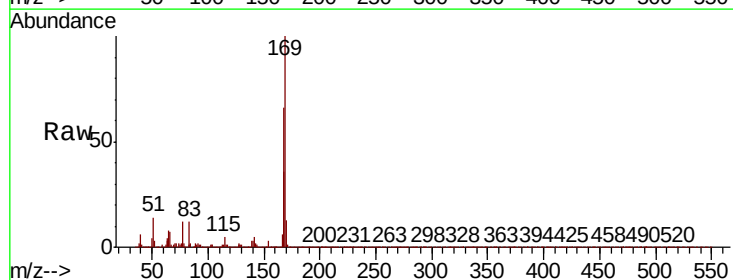
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

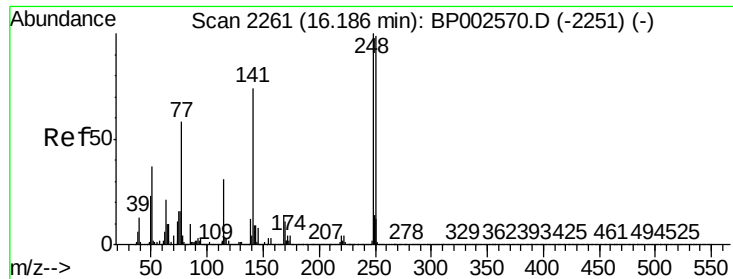
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.8	24.2	64.2
105	42.5	20.7	60.7



#66
n-Nitrosodiphenylamine
Concen: 45.647 ng
RT: 15.50 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.5	80.3
167	35.5	29.1	43.7

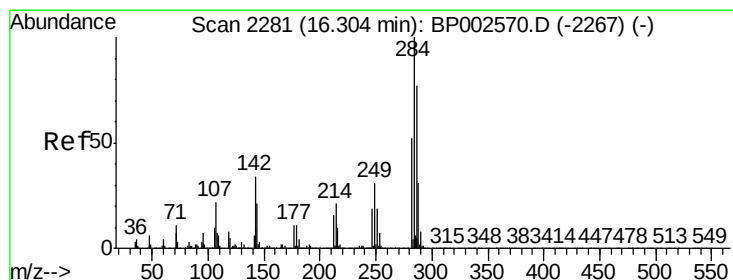
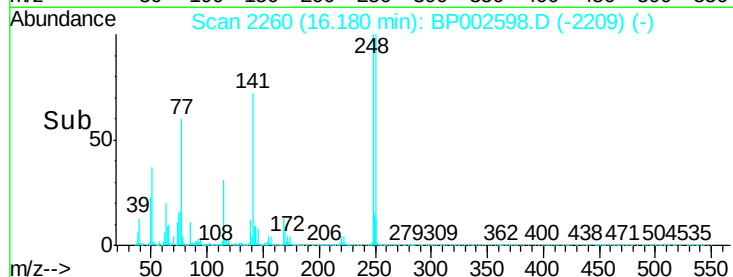
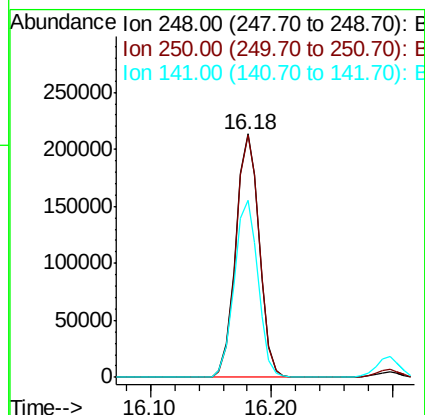
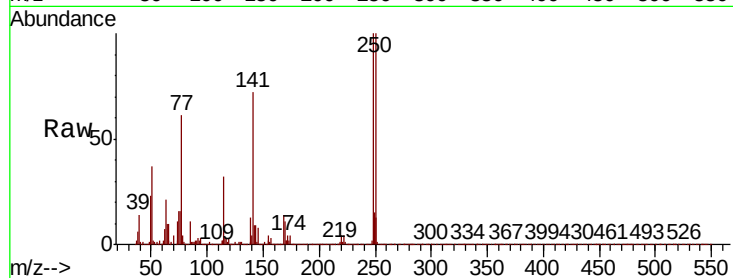




#67
4-Bromophenyl-phenylether
Concen: 41.213 ng
RT: 16.18 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

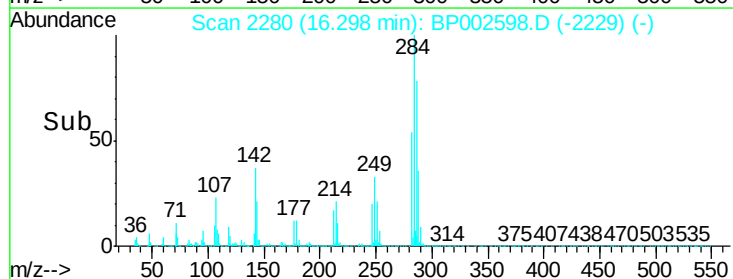
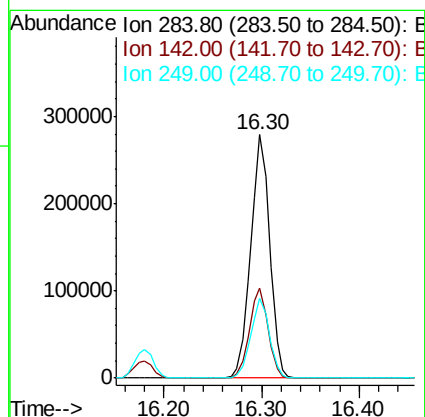
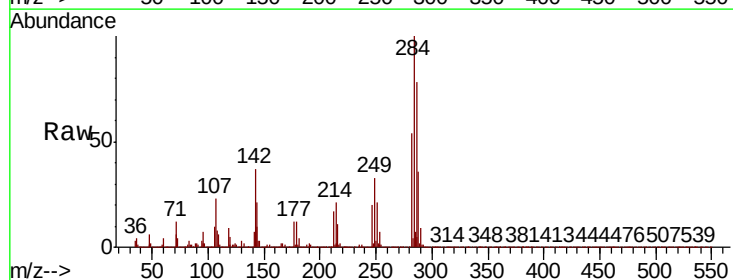
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

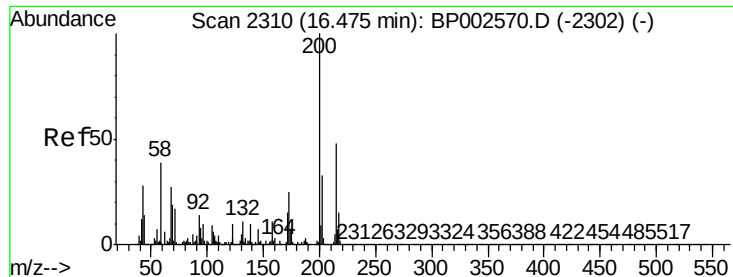
Tot Ion:248 Resp: 289781
Ion Ratio Lower Upper
248 100
250 99.6 76.1 114.1
141 72.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 49.919 ng
RT: 16.30 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:284 Resp: 376022
Ion Ratio Lower Upper
284 100
142 37.0 26.6 40.0
249 33.0 25.1 37.7

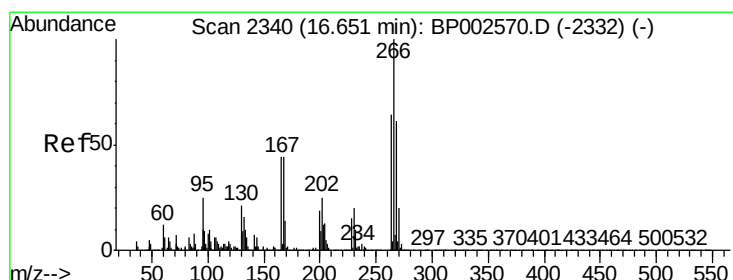
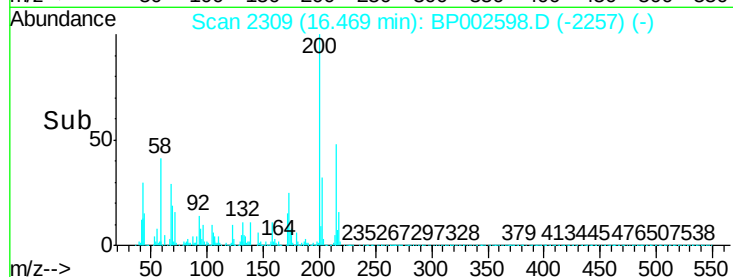
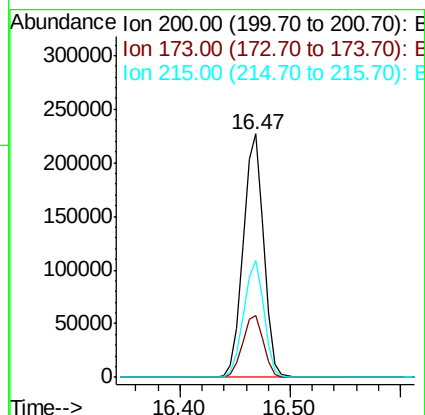
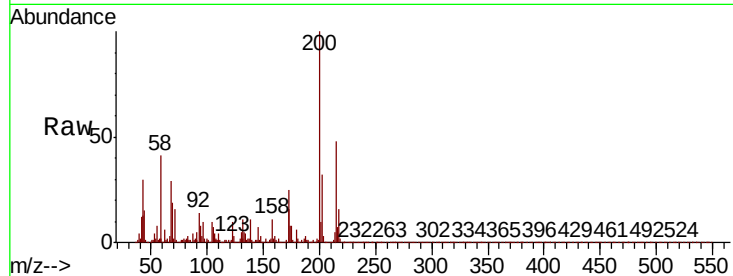




#69
Atrazine
Concen: 50.554 ng
RT: 16.47 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

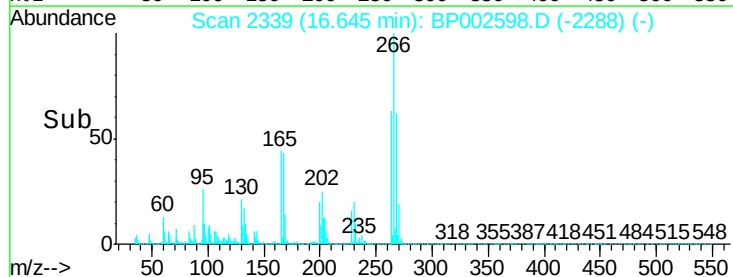
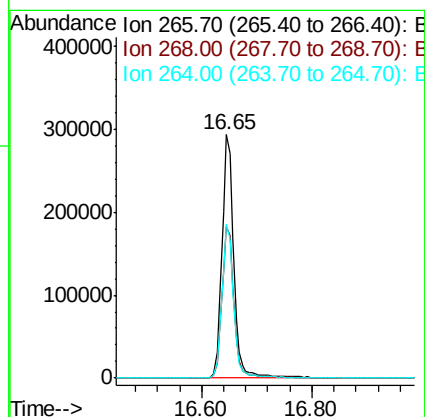
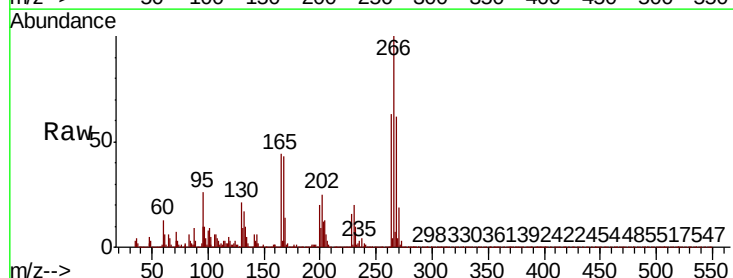
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

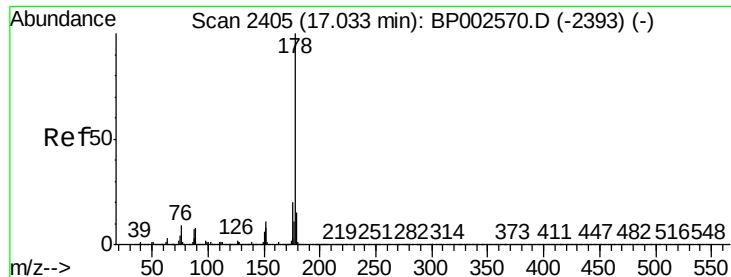
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.3	46.3
215	48.2	28.3	68.3



#70
Pentachlorophenol
Concen: 102.619 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	49.7	74.5
264	63.5	49.3	73.9

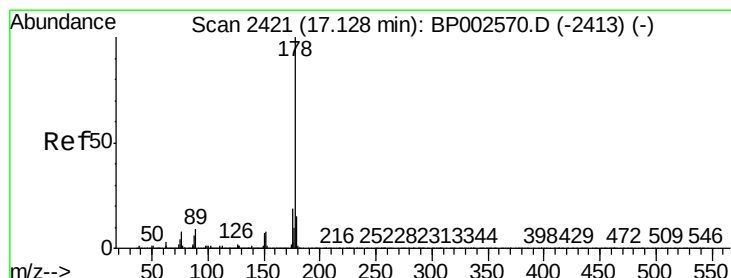
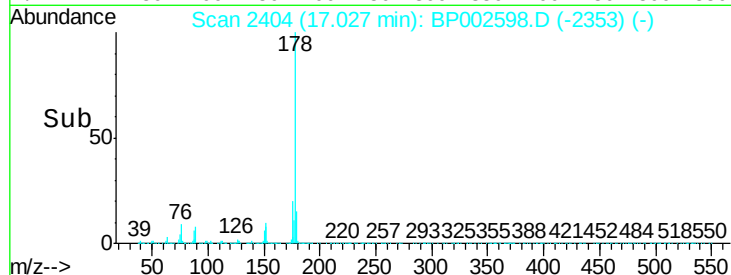
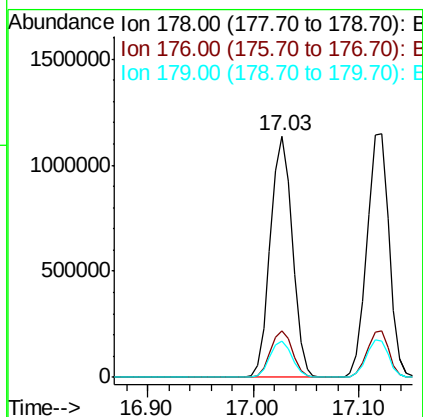
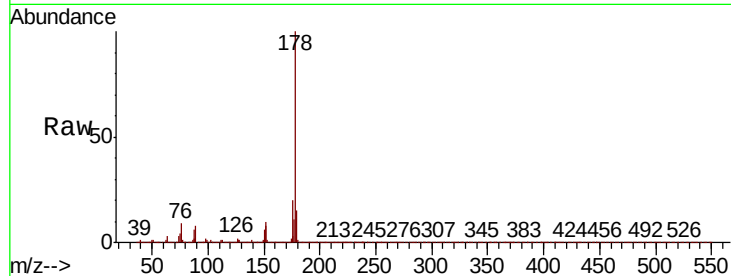




#71
Phenanthrene
Concen: 48.621 ng
RT: 17.03 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

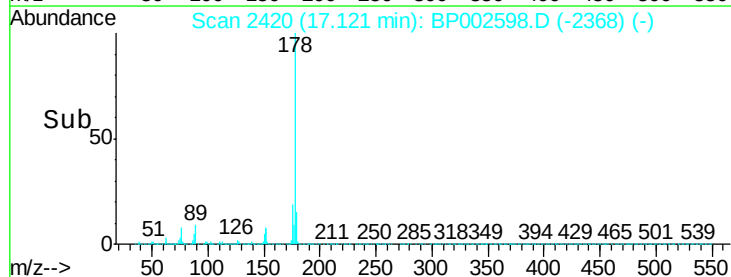
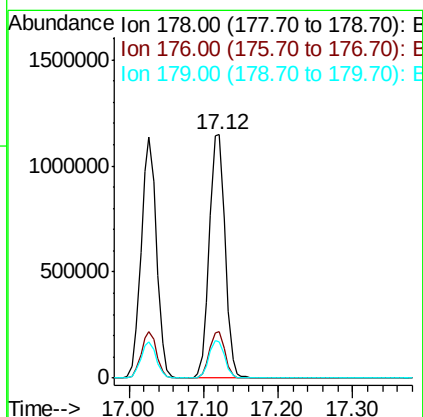
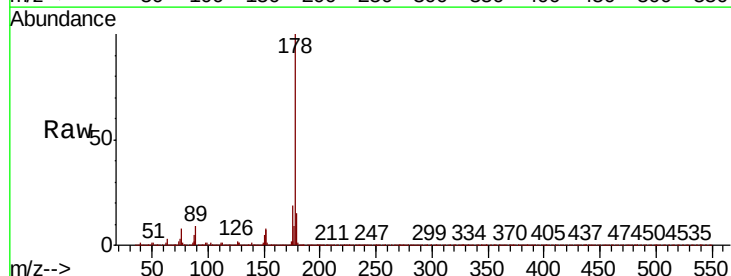
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

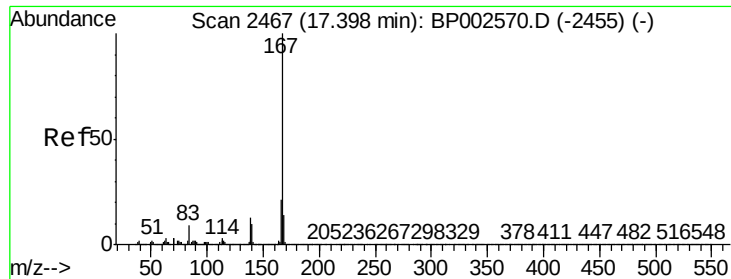
Tot Ion:178 Resp: 1636813
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.0 12.1 18.1



#72
Anthracene
Concen: 50.024 ng
RT: 17.12 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:178 Resp: 1675820
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 14.9 12.2 18.2



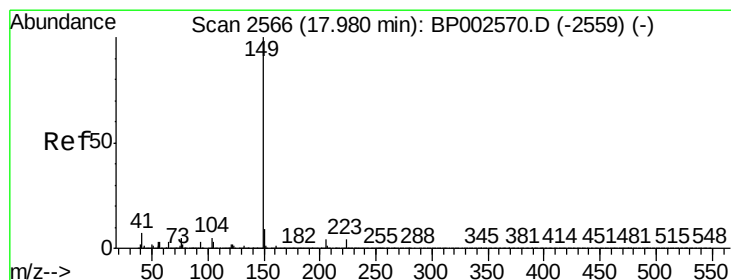
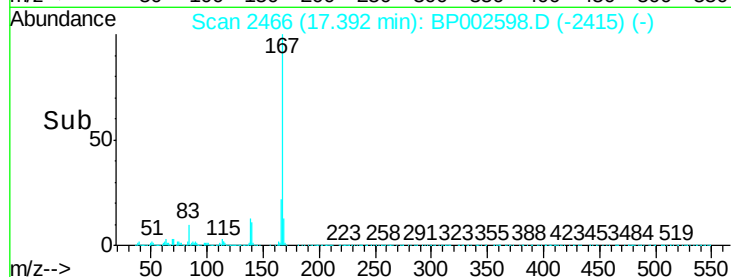
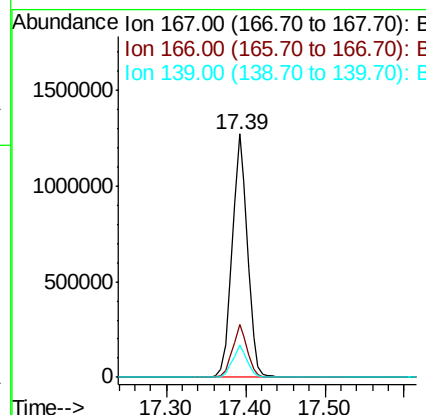
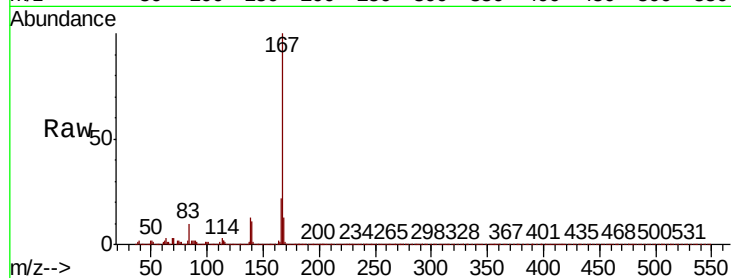


#73
 Carbazole
 Concen: 52.389 ng
 RT: 17.39 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

Tot Ion:167 Resp: 1696158

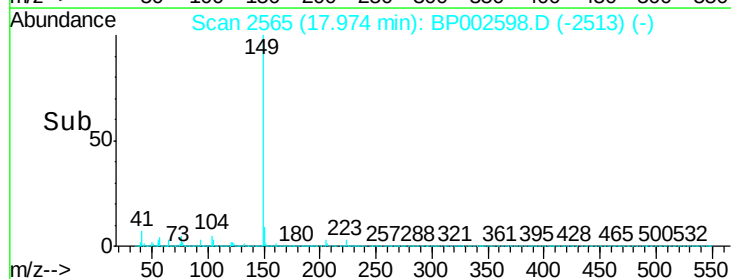
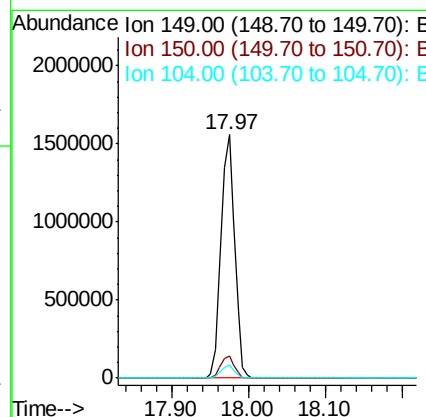
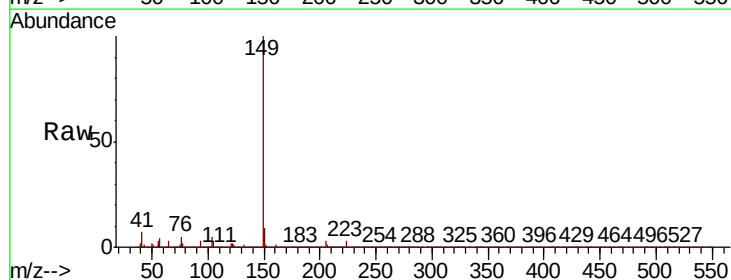
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.3	10.5	15.7

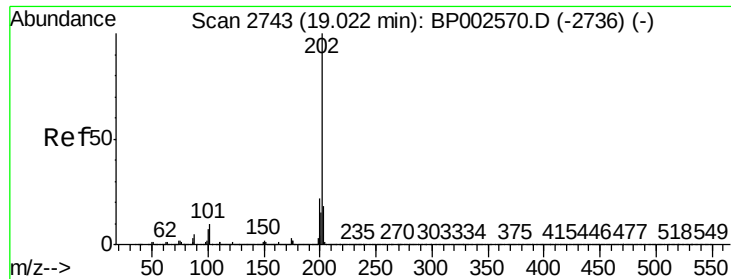


#74
 Di-n-butylphthalate
 Concen: 49.778 ng
 RT: 17.97 min Scan# 2565
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion:149 Resp: 1897984

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 70.043 ng

RT: 19.02 min Scan# 2742

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

BNA_P

ClientSampleId :

BU-03-062620MSD

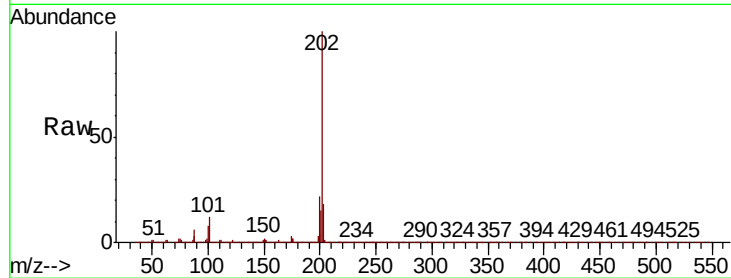
Tot Ion:202 Resp: 2854201

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.6

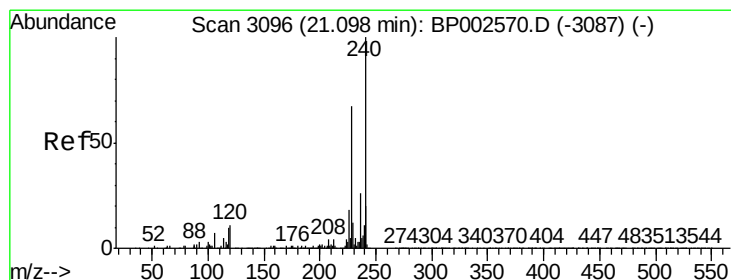
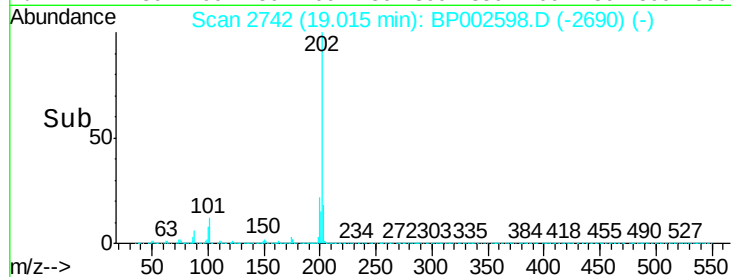
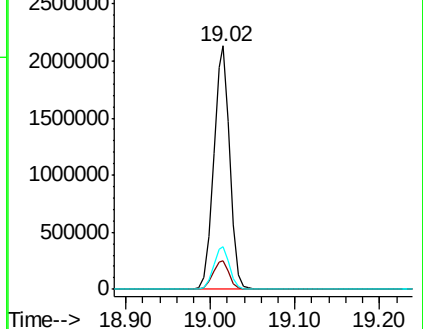
203 17.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

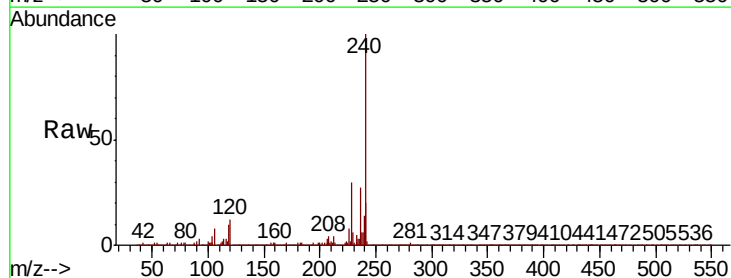
Tgt Ion:240 Resp: 904707

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

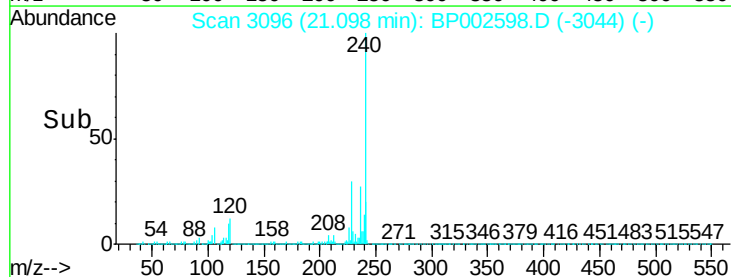
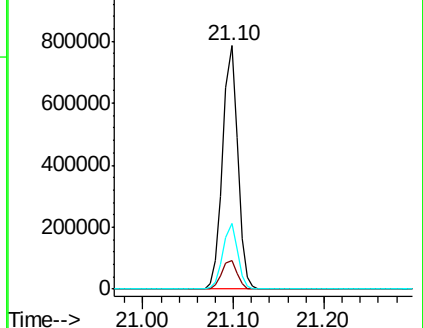
236 27.2 20.8 31.2

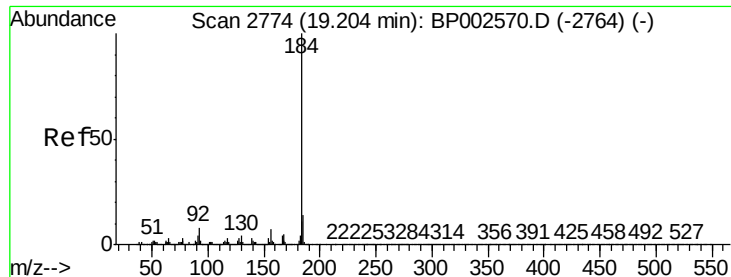


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

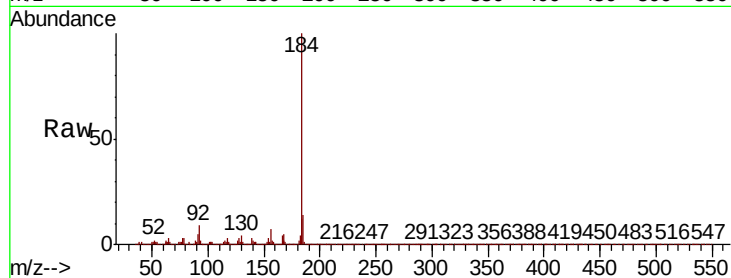
BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion:184 Resp: 1491817

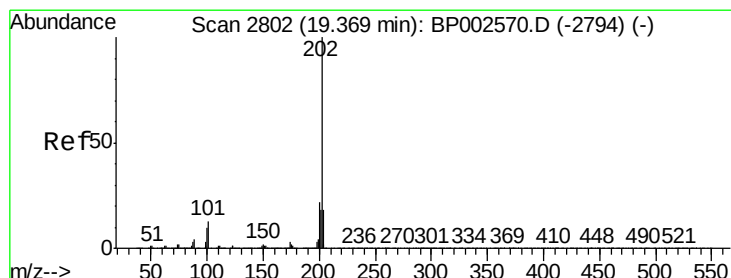
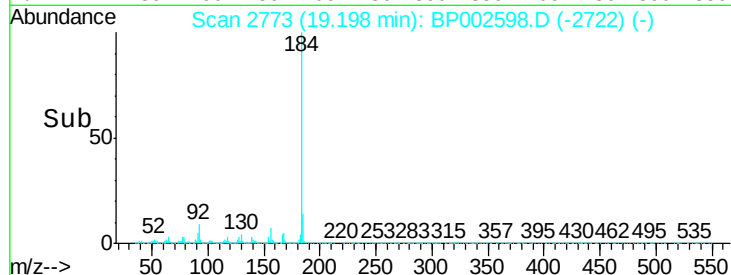
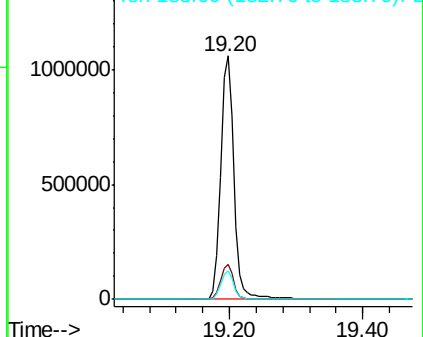
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	11.6	9.2	13.8



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: 47.279 ng

RT: 19.37 min Scan# 2802

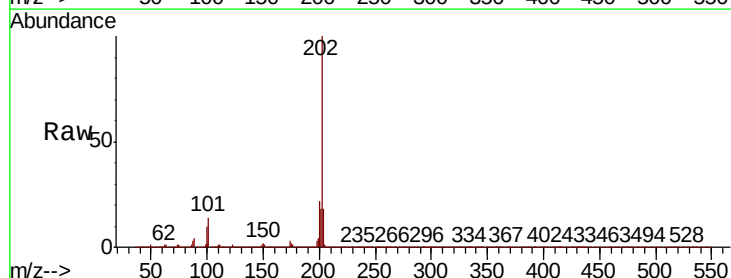
Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:202 Resp: 2911483

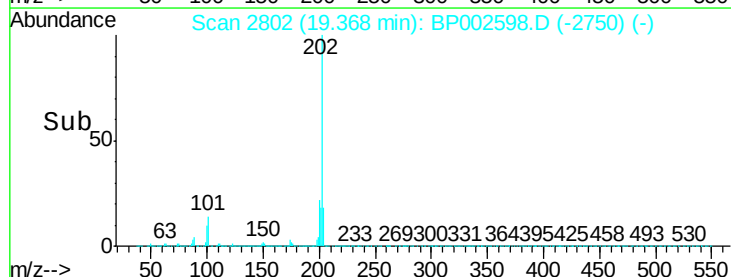
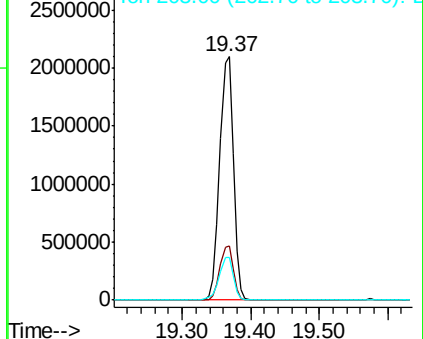
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.6	14.4	21.6

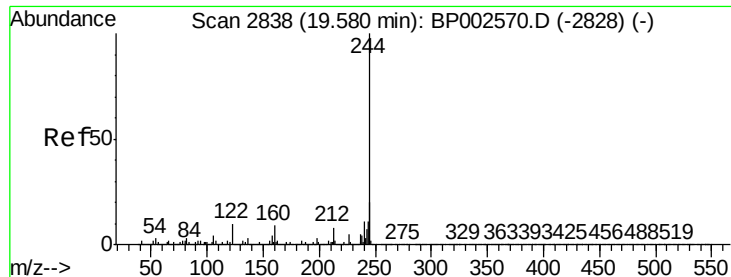


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.221 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Instrument :

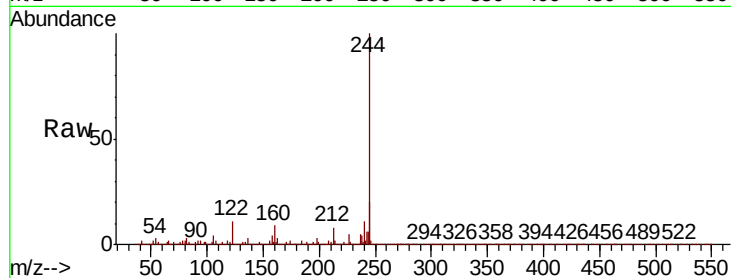
BNA_P

ClientSampleId :

BU-03-062620MSD

Tot Ion:244 Resp: 3613885

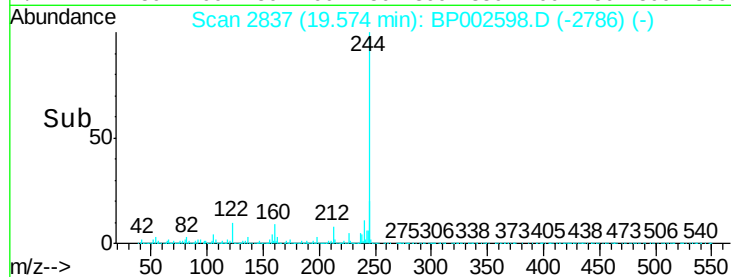
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.5	7.9	11.9



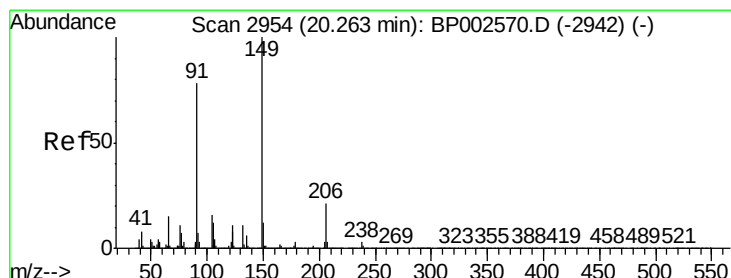
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 48.015 ng

RT: 20.26 min Scan# 2954

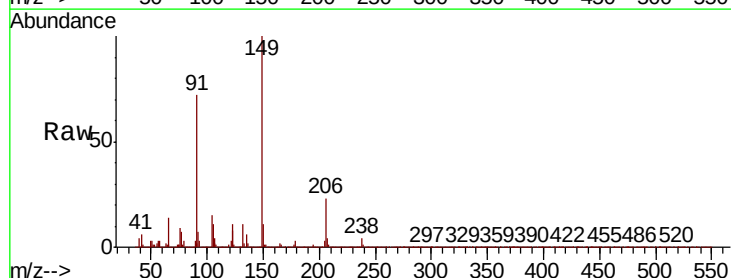
Delta R.T. 0.01 min

Lab File: BP002598.D

Acq: 01 Jul 2020 11:04

Tgt Ion:149 Resp: 1290847

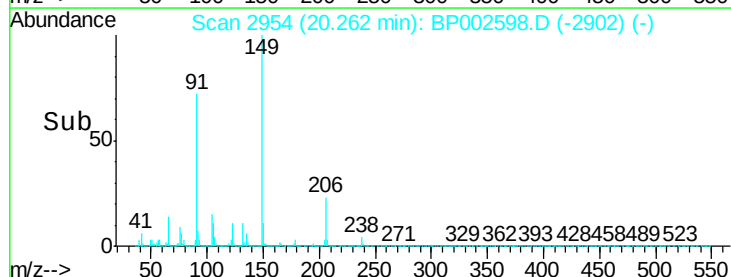
Ion	Ratio	Lower	Upper
149	100		
91	72.4	59.8	89.6
206	23.3	18.2	27.4



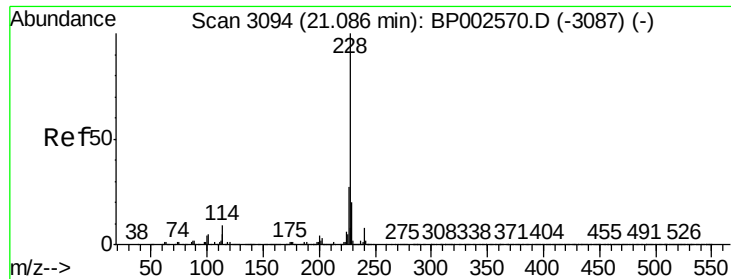
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



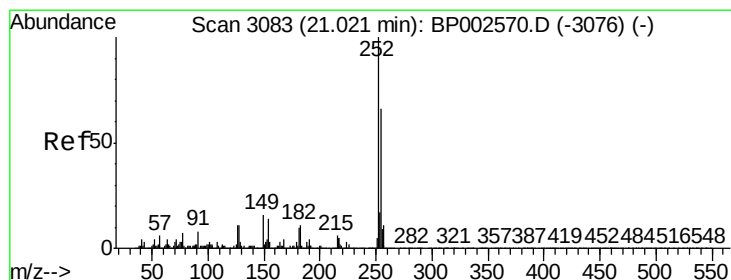
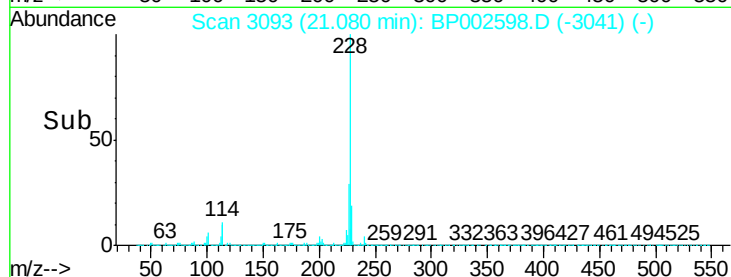
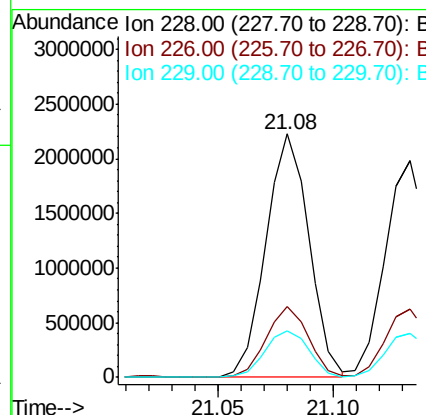
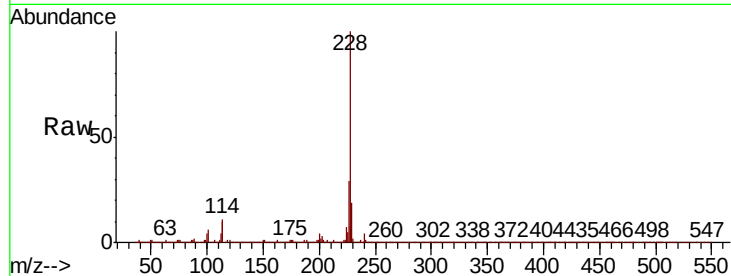
Time-->



#81
Benzo(a)anthracene
Concen: 48.668 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

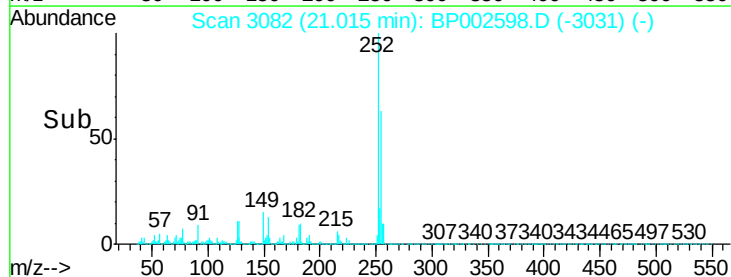
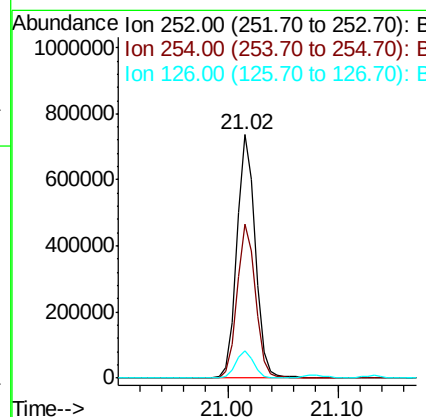
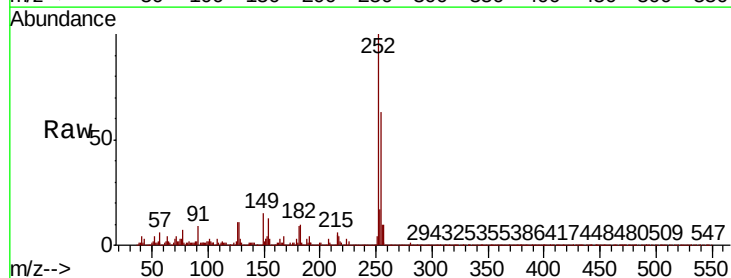
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

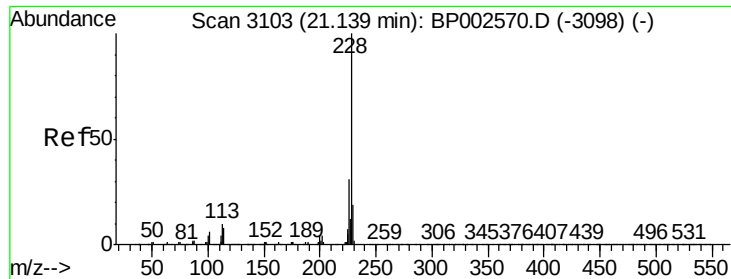
Tot Ion:228 Resp: 2878582
Ion Ratio Lower Upper
228 100
226 28.9 22.5 33.7
229 19.0 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 40.004 ng
RT: 21.02 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:252 Resp: 866250
Ion Ratio Lower Upper
252 100
254 63.1 49.0 73.6
126 11.4 7.9 11.9

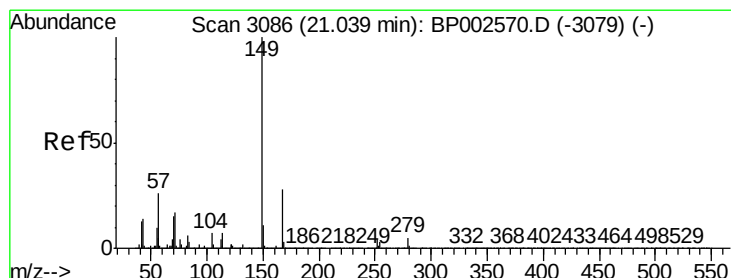
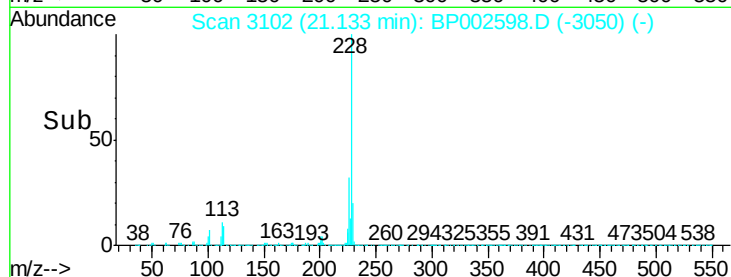
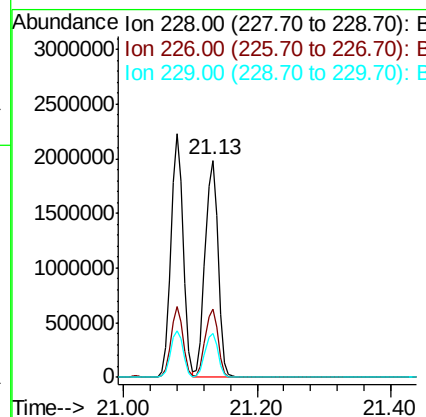
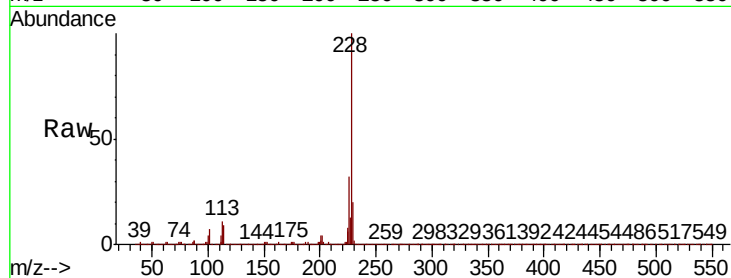




#83
 Chrysene
 Concen: 45.981 ng
 RT: 21.13 min Scan# 3102
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

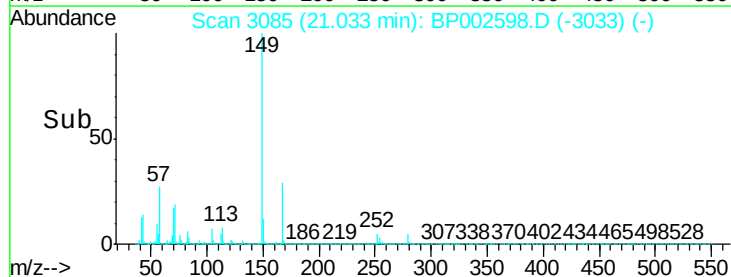
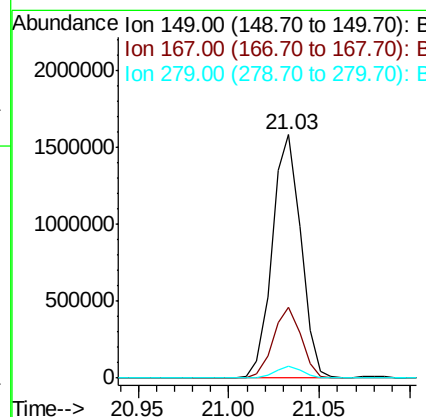
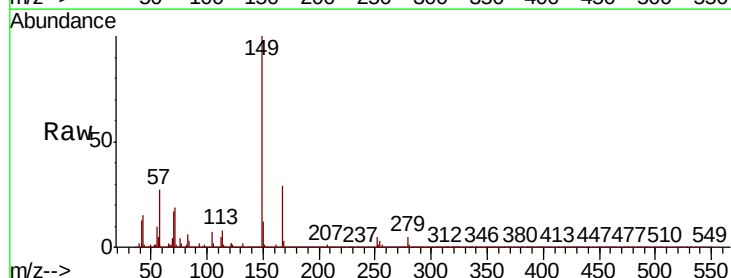
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

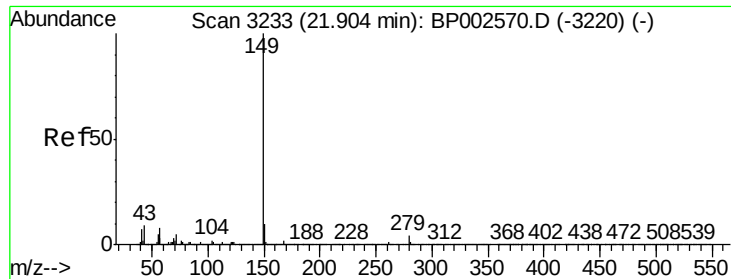
Tot Ion:228 Resp: 2607869
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.6 37.0
 229 20.4 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.331 ng
 RT: 21.03 min Scan# 3085
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion:149 Resp: 1749983
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.1 33.1
 279 4.7 3.4 5.0

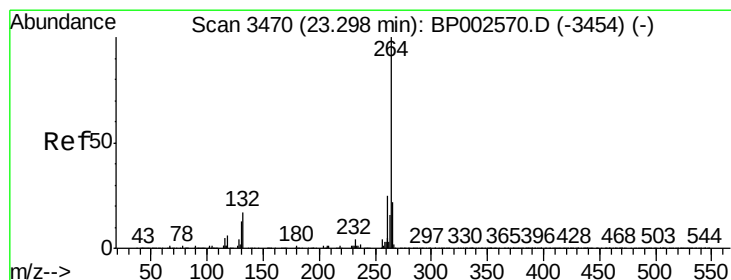
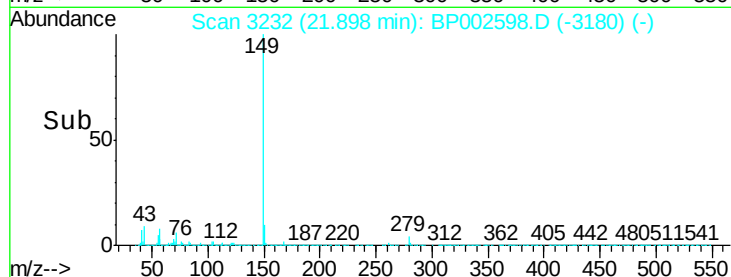
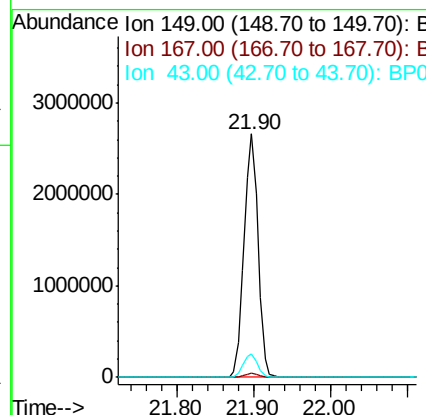
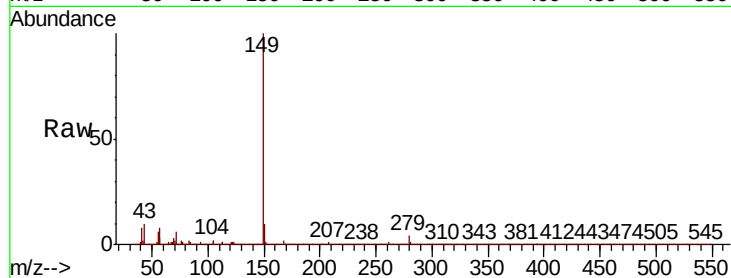




#85
Di-n-octyl phthalate
Concen: 49.915 ng
RT: 21.90 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

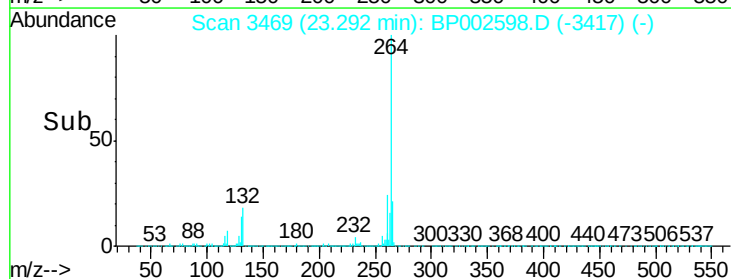
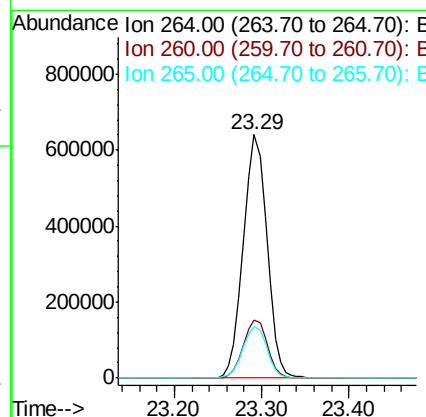
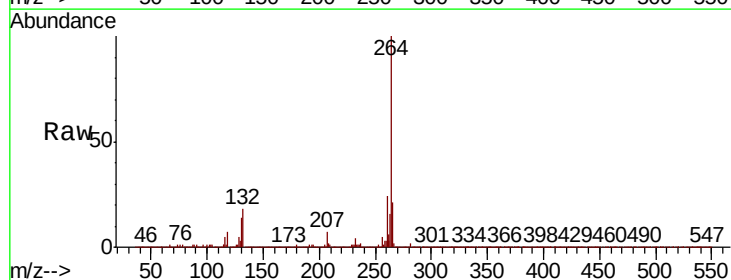
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

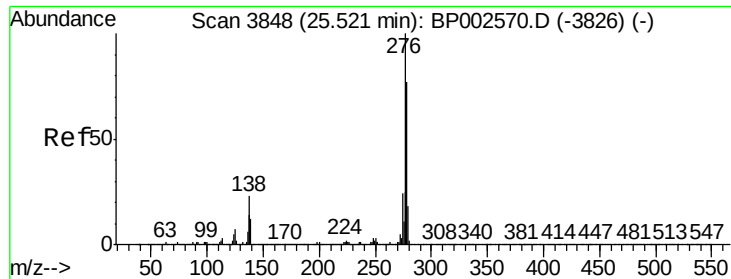
Tot Ion:149 Resp: 3403463
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:264 Resp: 1170604
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.2 17.6 26.4

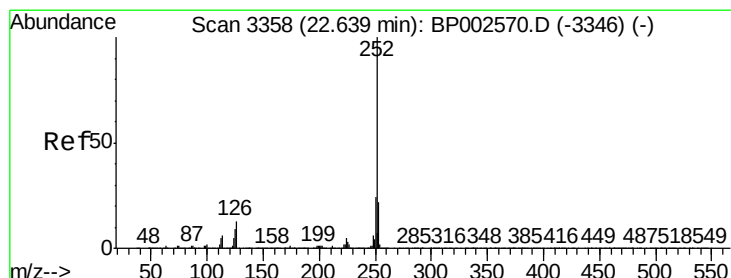
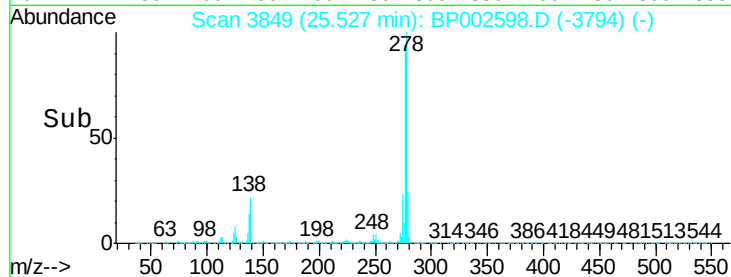
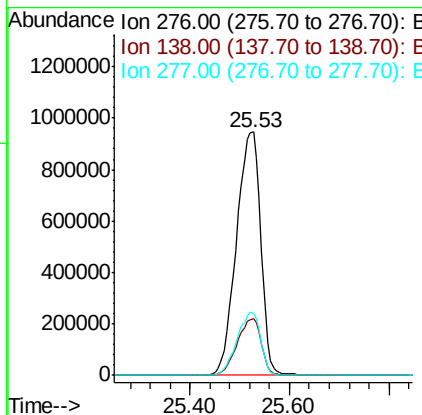
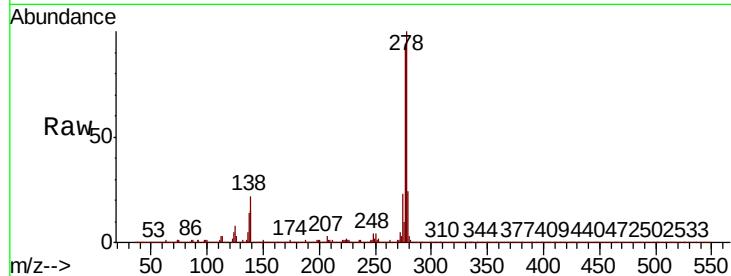




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.091 ng
 RT: 25.53 min Scan# 3849
 Delta R.T. 0.02 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

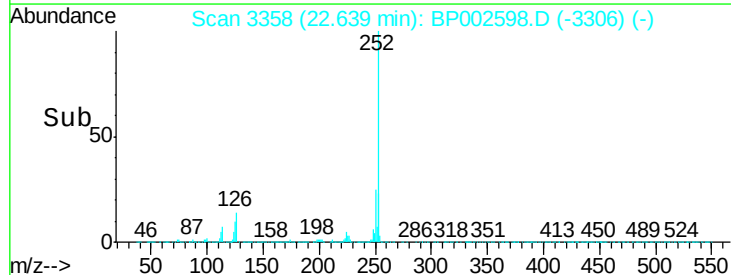
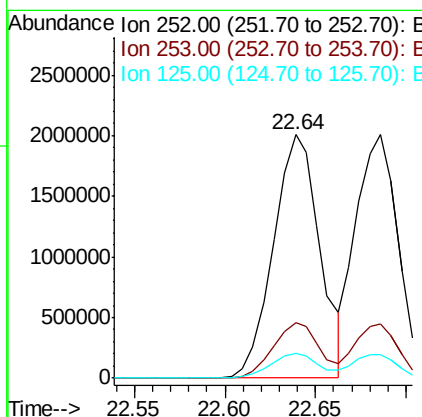
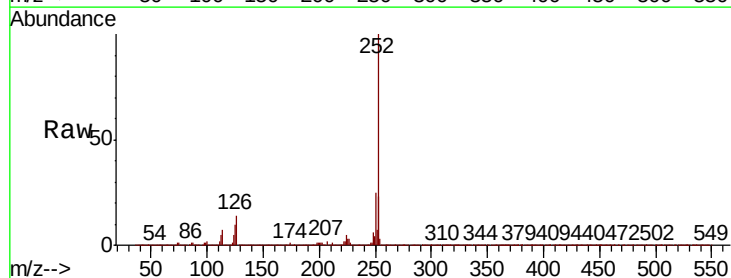
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620MSD

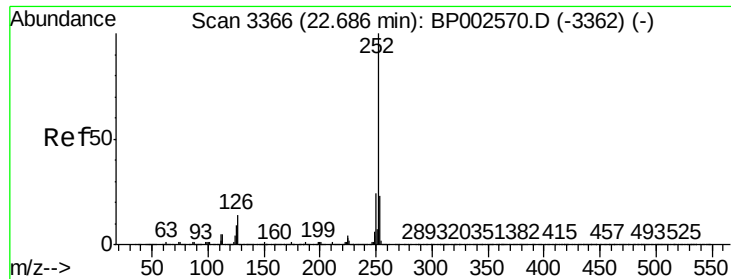
Tot Ion:276 Resp: 3210528
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.6 27.8
 277 25.3 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 48.098 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. 0.01 min
 Lab File: BP002598.D
 Acq: 01 Jul 2020 11:04

Tgt Ion:252 Resp: 3592698
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 10.0 7.4 11.2

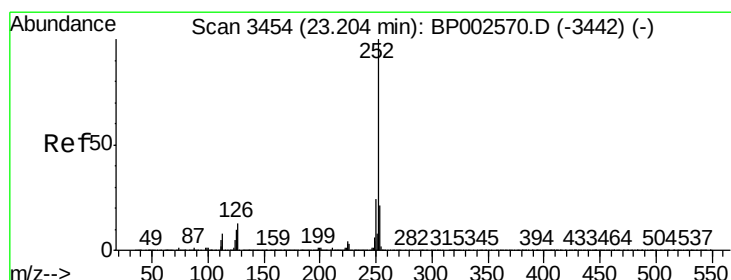
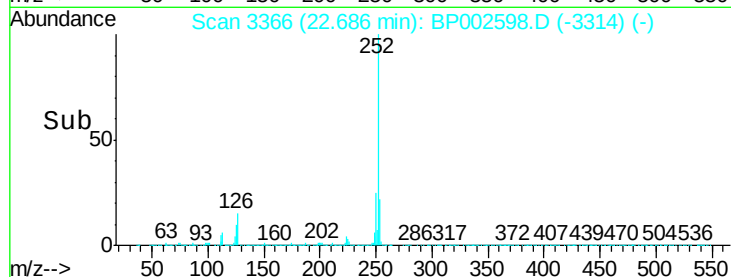
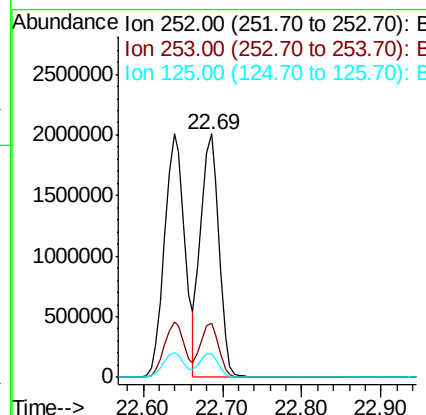
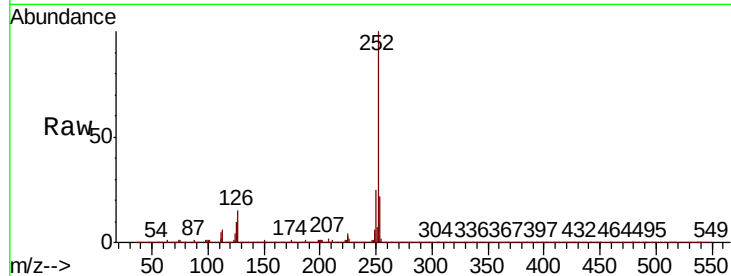




#89
Benzo(k)fluoranthene
Concen: 46.854 ng
RT: 22.69 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

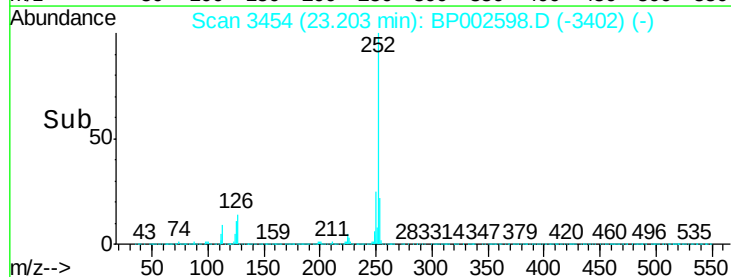
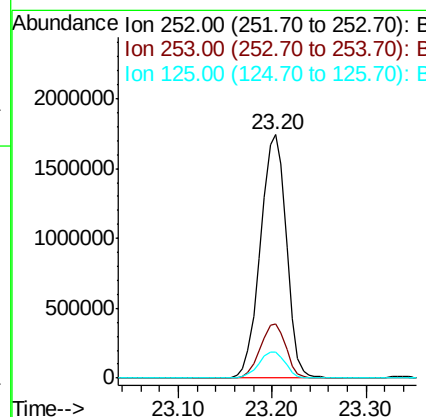
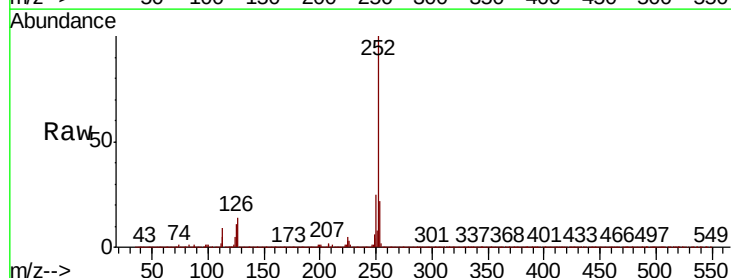
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

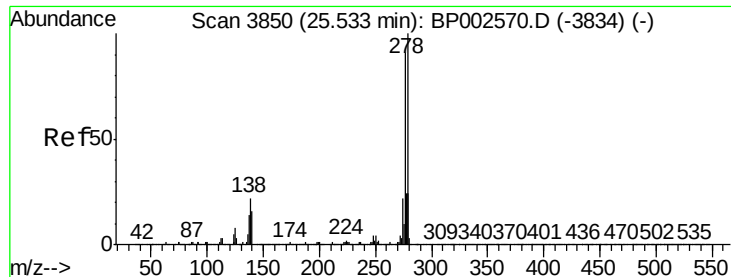
Tot Ion:252 Resp: 3264945
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.6 6.9 10.3



#90
Benzo(a)pyrene
Concen: 48.518 ng
RT: 23.20 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:252 Resp: 3325666
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.6 7.8 11.8



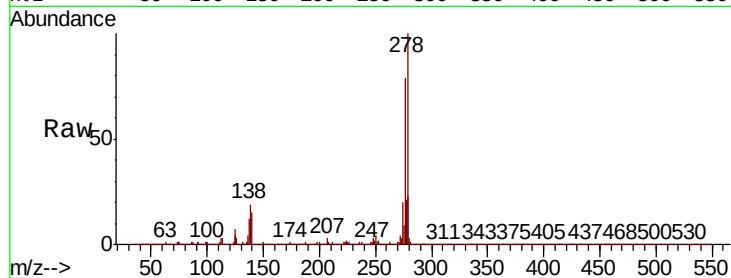


#91
Dibenzo(a,h)anthracene
Concen: 37.843 ng
RT: 25.53 min Scan# 3850
Delta R.T. 0.02 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

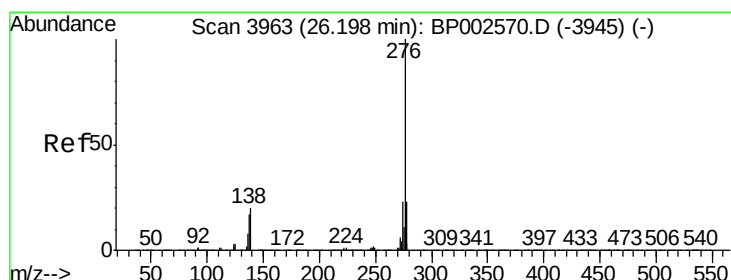
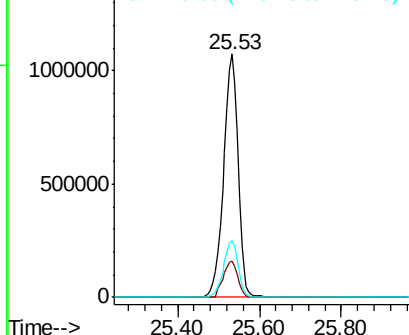
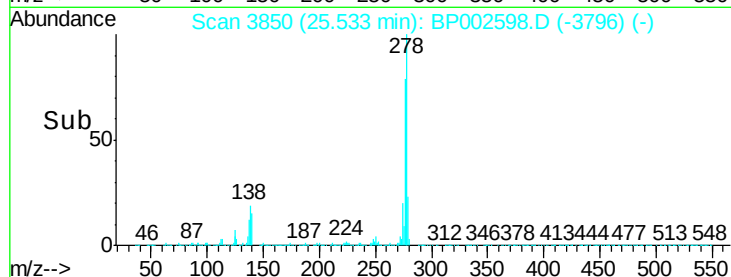
Instrument :
BNA_P
ClientSampleId :
BU-03-062620MSD

Tot Ion:278 Resp: 2606319

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.2	18.2
279	23.3	19.0	28.6



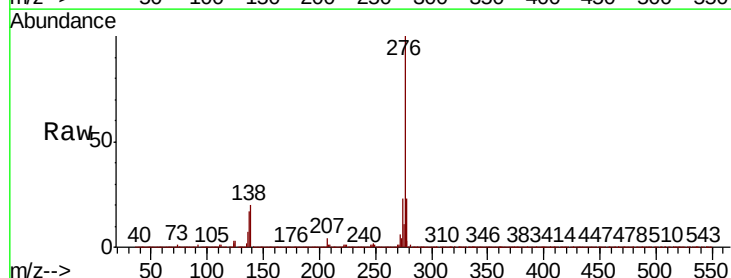
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.213 ng
RT: 26.19 min Scan# 3962
Delta R.T. 0.01 min
Lab File: BP002598.D
Acq: 01 Jul 2020 11:04

Tgt Ion:276 Resp: 2701035

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.3	28.9
138	20.3	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

