

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003021.D
 Acq On : 18 Aug 2020 17:23
 Operator : CG/JU
 Sample : L3500-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

Quant Time: Aug 18 18:40:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	301480	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1075736	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	745798	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1366205	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1348633	20.00	ng	0.00
86) Perylene-d12	23.41	264	1373445	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1937615	98.37	ng	0.00
7) Phenol-d6	6.86	99	2181325	79.76	ng	0.00
23) Nitrobenzene-d5	8.83	82	1461495	73.59	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	947682	102.24	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4081289	74.77	ng	0.00
79) Terphenyl-d14	19.65	244	4849344	71.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	255495	30.216	ng	# 58
3) Pyridine	3.63	79	513967	21.817	ng	97
4) n-Nitrosodimethylamine	3.53	42	203218	29.366	ng	98
6) Aniline	7.01	93	638036	20.109	ng	99
8) 2-Chlorophenol	7.25	128	924883	44.036	ng	99
9) Benzaldehyde	6.82	77	400850	27.529	ng	99
10) Phenol	6.89	94	884199	32.102	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	775200	36.592	ng	99
12) 1,3-Dichlorobenzene	7.58	146	958128	40.419	ng	100
13) 1,4-Dichlorobenzene	7.72	146	989689	41.304	ng	99
14) 1,2-Dichlorobenzene	8.03	146	940123	41.143	ng	99
15) Benzyl Alcohol	7.92	79	637754	35.343	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	621005	31.201	ng	99
17) 2-Methylphenol	8.13	107	693148	39.382	ng	99
18) Hexachloroethane	8.76	117	317128	37.946	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	481927	30.583	ng	99
20) 3+4-Methylphenols	8.46	107	947784	39.956	ng	98
22) Acetophenone	8.50	105	1209835	39.861	ng	# 97
24) Nitrobenzene	8.87	77	757786	35.144	ng	99
25) Isophorone	9.40	82	1335094	31.290	ng	99
26) 2-Nitrophenol	9.58	139	431011	47.899	ng	100
27) 2,4-Dimethylphenol	9.65	122	719973	42.371	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	881154	37.015	ng	99
29) 2,4-Dichlorophenol	10.12	162	771102	43.118	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	795723	38.063	ng	99
31) Naphthalene	10.52	128	2445375	39.711	ng	99
32) Benzoic acid	9.79	122	417732	42.793	ng	96
33) 4-Chloroaniline	10.62	127	224554	8.799	ng	99
34) Hexachlorobutadiene	10.82	225	451727	35.310	ng	99
35) Caprolactam	11.38	113	148250	26.792	ng	95
36) 4-Chloro-3-methylphenol	11.76	107	829430	44.617	ng	99
37) 2-Methylnaphthalene	12.13	142	2020663	46.130	ng	100
38) 1-Methylnaphthalene	12.35	142	1926145	46.713	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	970424	36.191	ng	99

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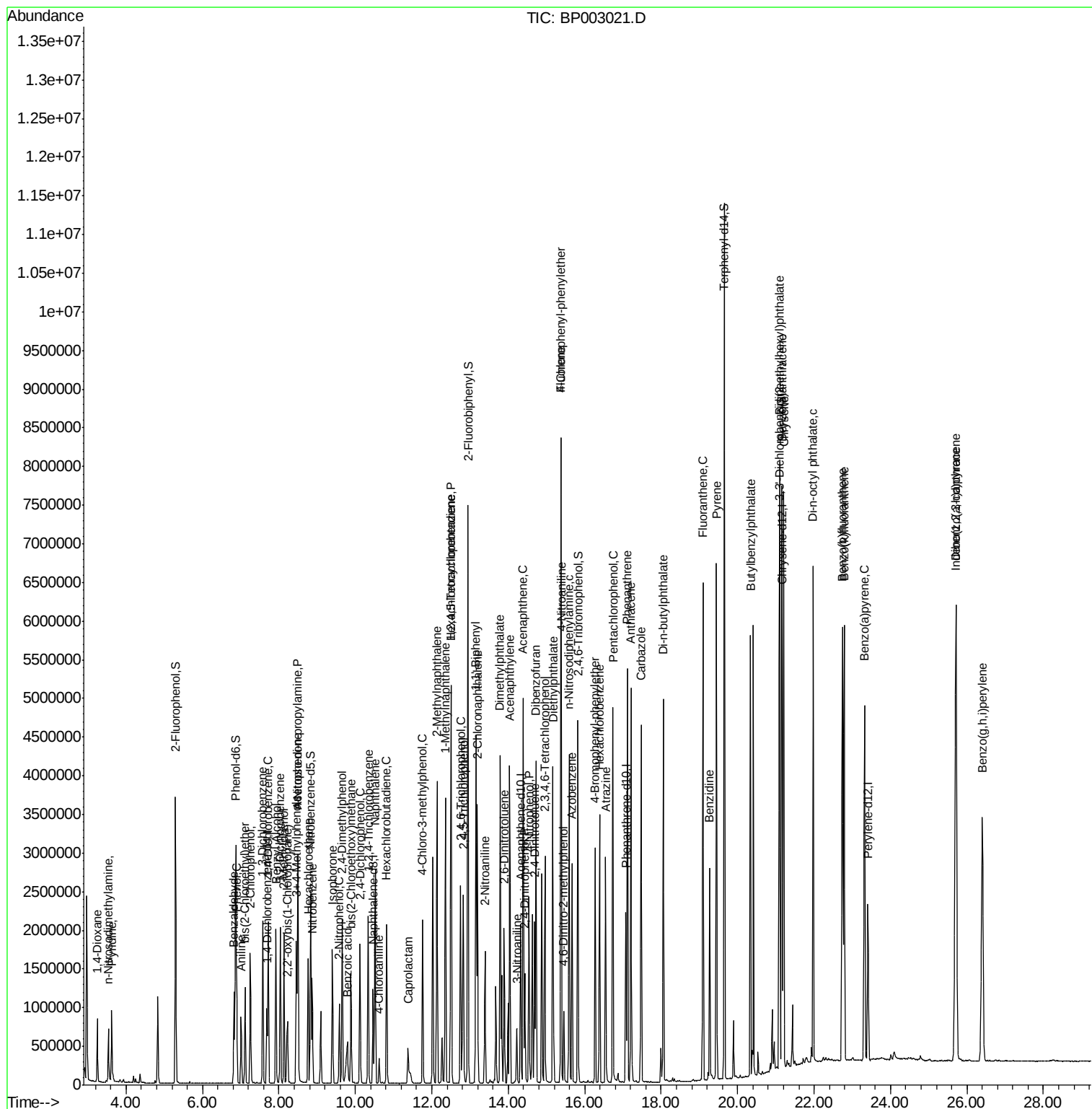
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41) Hexachlorocyclopentadiene	12.50	237	935109	67.224	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	680134	43.764	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	739424	43.372	ng	97
46) 1,1'-Biphenyl	13.16	154	2567467	41.643	ng	100
47) 2-Chloronaphthalene	13.19	162	1960563	40.609	ng	99
48) 2-Nitroaniline	13.39	65	396917	34.204	ng	92
49) Acenaphthylene	14.04	152	3186952	42.091	ng	100
50) Dimethylphthalate	13.79	163	3084652	52.882	ng	100
51) 2,6-Dinitrotoluene	13.89	165	551033	42.275	ng	98
52) Acenaphthene	14.39	154	1894433	38.929	ng	100
53) 3-Nitroaniline	14.22	138	248173	20.022	ng	96
54) 2,4-Dinitrophenol	14.43	184	396078	72.357	ng	100
55) Dibenzofuran	14.72	168	2966809	39.745	ng	98
56) 4-Nitrophenol	14.55	139	931507	90.057	ng	93
57) 2,4-Dinitrotoluene	14.69	165	756437	43.996	ng	100
58) Fluorene	15.37	166	2188593	37.448	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	638716	44.901	ng	99
60) Diethylphthalate	15.16	149	2494611	43.766	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1088232	36.179	ng	99
62) 4-Nitroaniline	15.39	138	495161	37.157	ng	99
63) Azobenzene	15.67	77	1550546	27.021	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	257922	37.925	ng	95
66) n-Nitrosodiphenylamine	15.59	169	1826638	40.370	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	651753	39.212	ng	98
68) Hexachlorobenzene	16.39	284	748772	38.948	ng	100
69) Atrazine	16.55	200	579119	37.778	ng	99
70) Pentachlorophenol	16.73	266	949850	95.277	ng	100
71) Phenanthrene	17.12	178	3279238	40.932	ng	99
72) Anthracene	17.21	178	3347429	42.751	ng	100
73) Carbazole	17.47	167	3138873	41.049	ng	100
74) Di-n-butylphthalate	18.05	149	3913110	48.647	ng	100
75) Fluoranthene	19.09	202	3933934	42.620	ng	99
77) Benzidine	19.27	184	1539422	37.433	ng	100
78) Pyrene	19.45	202	3983109	42.248	ng	99
80) Butylbenzylphthalate	20.33	149	1915489	49.887	ng	99
81) Benzo(a)anthracene	21.15	228	3836851	41.767	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1241479	34.144	ng	99
83) Chrysene	21.20	228	3590298	41.432	ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2753868	52.779	ng	99
85) Di-n-octyl phthalate	21.97	149	4967611	57.955	ng	100
87) Indeno(1,2,3-cd)pyrene	25.70	276	4488542	40.807	ng	99
88) Benzo(b)fluoranthene	22.74	252	4034102	41.622	ng	99
89) Benzo(k)fluoranthene	22.79	252	3715954	40.564	ng	98
90) Benzo(a)pyrene	23.32	252	3518409	40.175	ng	99
91) Dibenzo(a,h)anthracene	25.72	278	3751054	40.068	ng	99
92) Benzo(g,h,i)perylene	26.40	276	3835676	42.370	ng	99

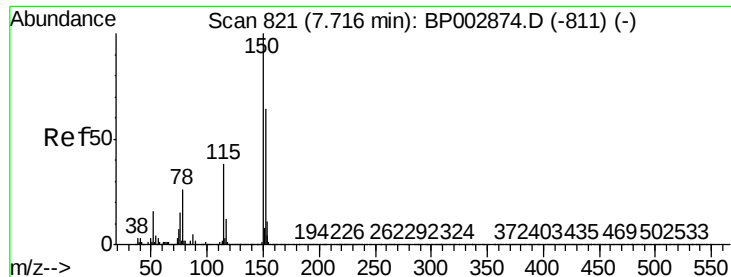
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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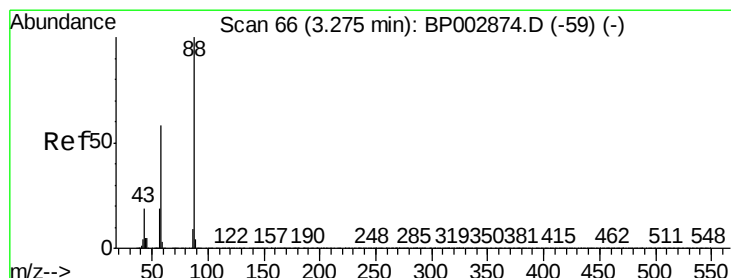
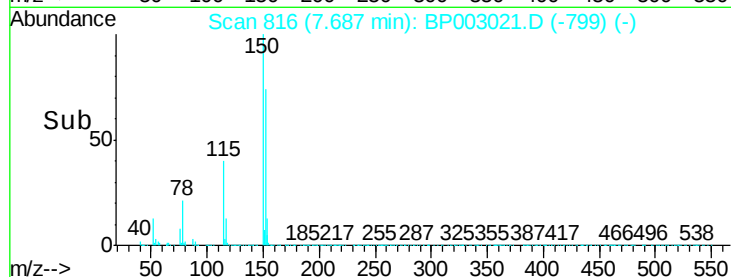
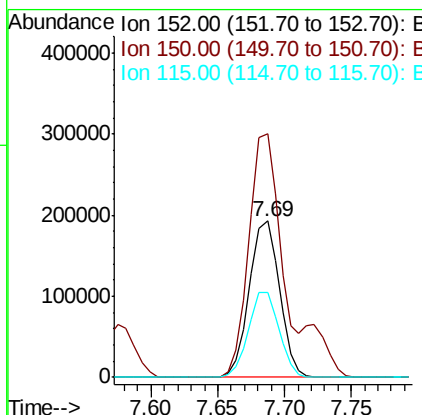
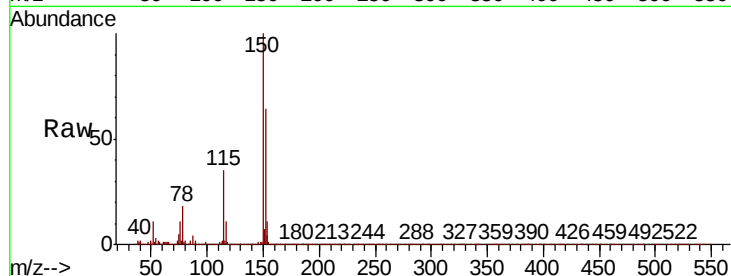


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

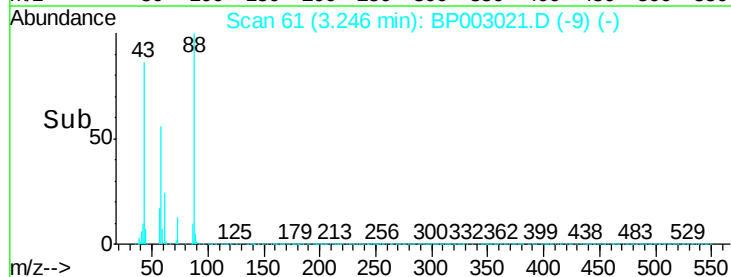
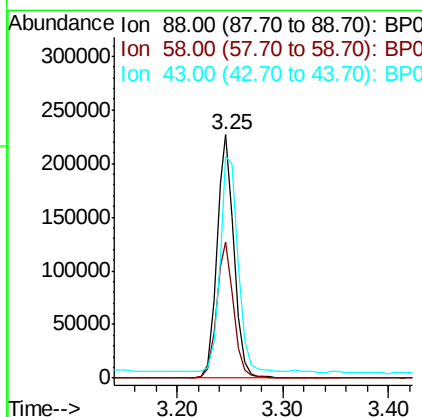
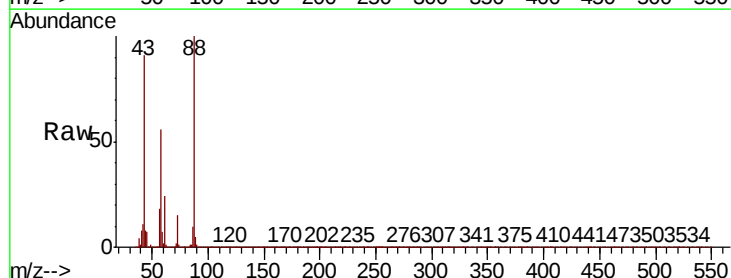
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	54.3	43.4	65.2

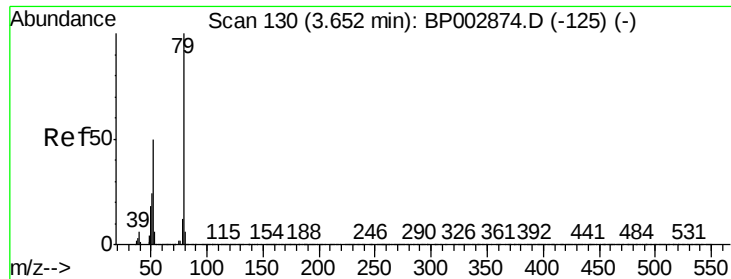


#2

1,4-Dioxane
Concen: 30.216 ng
RT: 3.25 min Scan# 61
Delta R.T. 0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.3	44.5	66.7
43	92.6	14.5	21.7





#3

Pvridine

Concen: 21.817 ng

RT: 3.63 min Scan# 126

Delta R.T. 0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

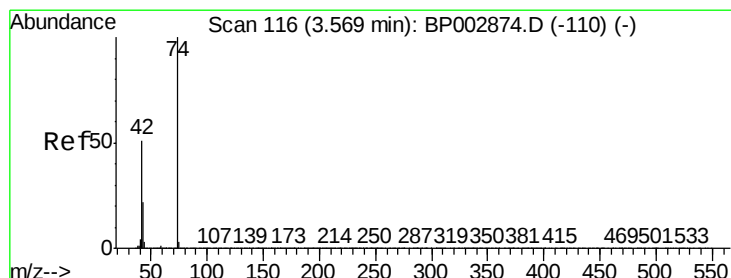
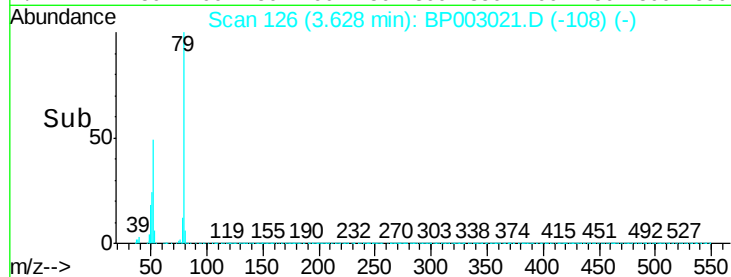
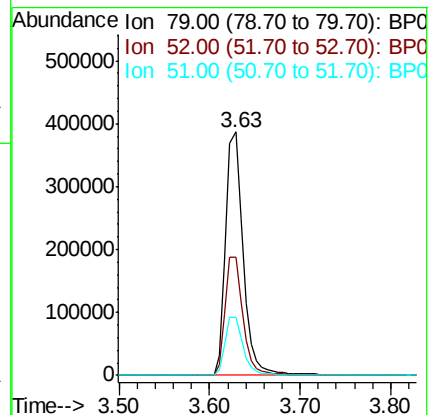
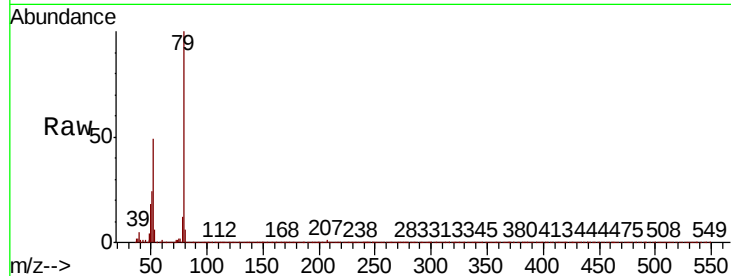
Tot Ion: 79 Resp: 513967

Ion Ratio Lower Upper

79 100

52 48.7 40.5 60.7

51 23.9 19.9 29.9



#4

n-Nitrosodimethylamine

Concen: 29.366 ng

RT: 3.53 min Scan# 110

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

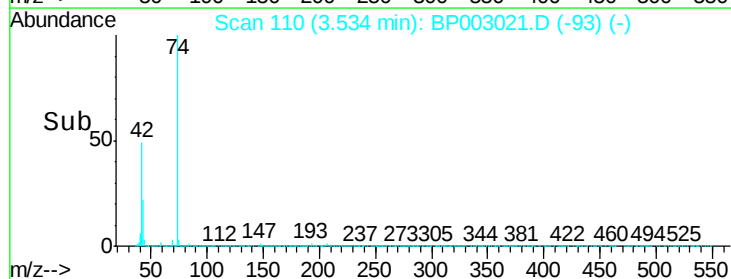
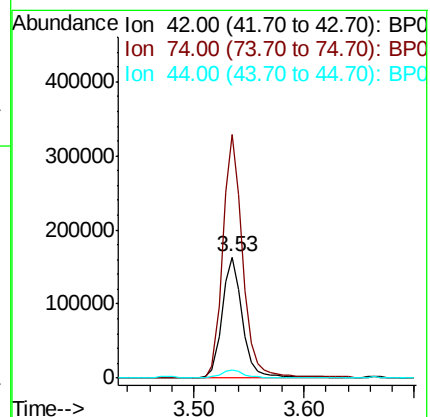
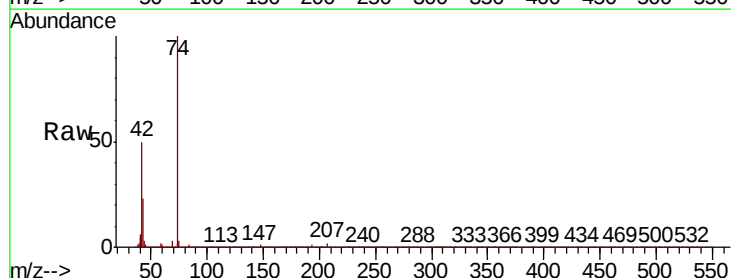
Tgt Ion: 42 Resp: 203218

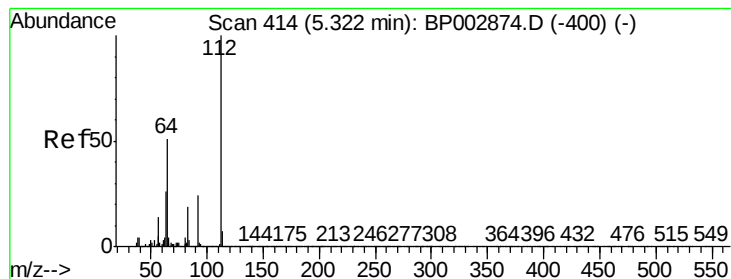
Ion Ratio Lower Upper

42 100

74 201.1 158.6 238.0

44 6.9 5.8 8.8





#5

2-Fluorophenol

Concen: 98.365 ng

RT: 5.29 min Scan# 409

Delta R.T. 0.00 min

Lab File: BP003021.D

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Instrument :

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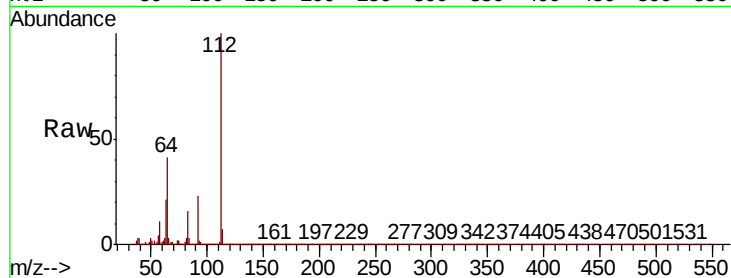
Tot Ion:112 Resp: 1937615

Ion Ratio Lower Upper

112 100

64 40.7 33.4 50.2

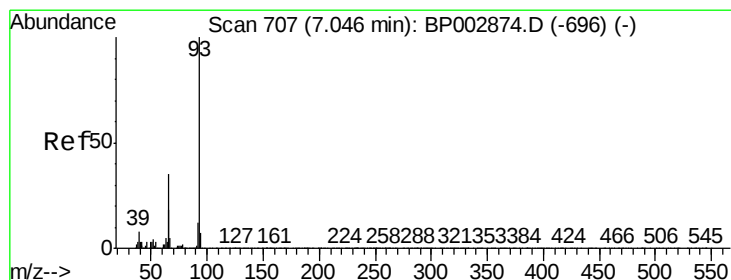
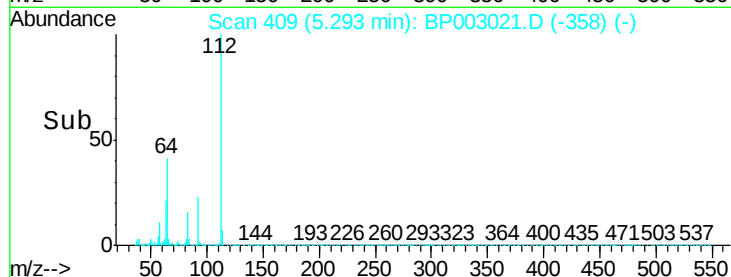
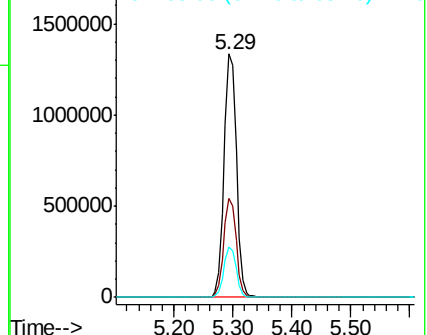
63 20.5 17.4 26.0



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: 20.109 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

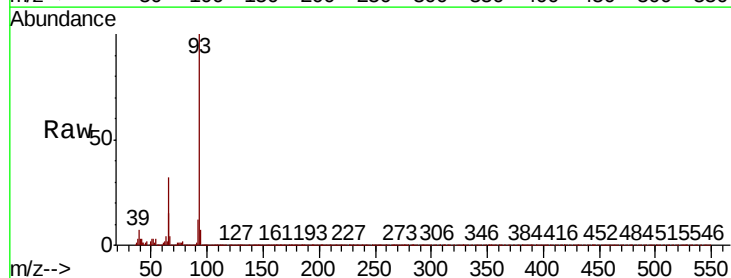
Tgt Ion: 93 Resp: 638036

Ion Ratio Lower Upper

93 100

66 31.5 24.8 37.2

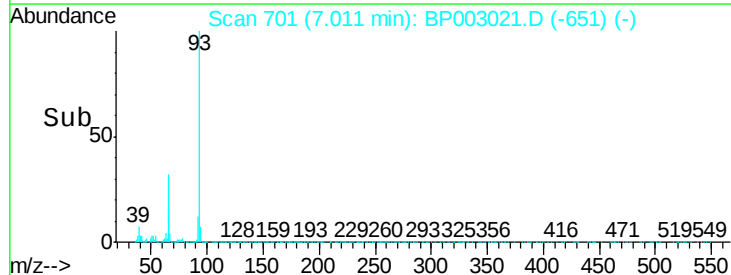
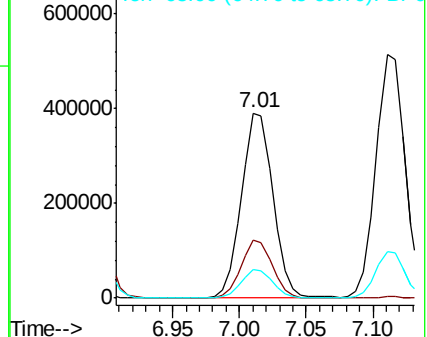
65 15.4 12.2 18.4

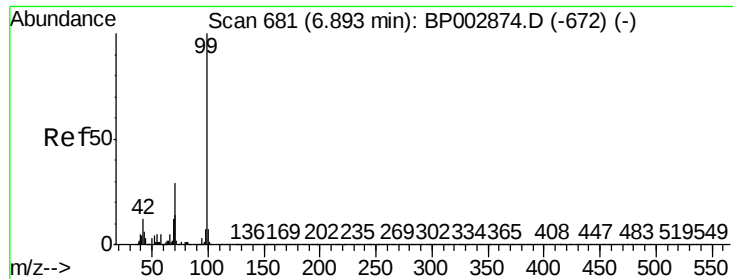


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 79.761 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003021.D

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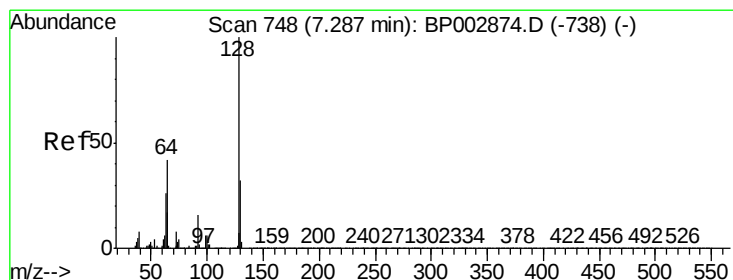
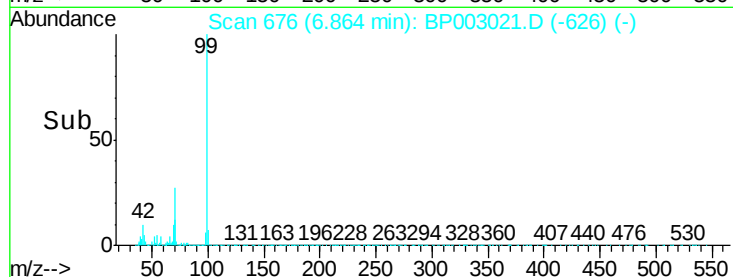
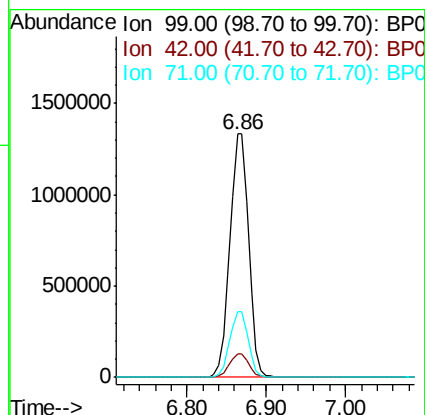
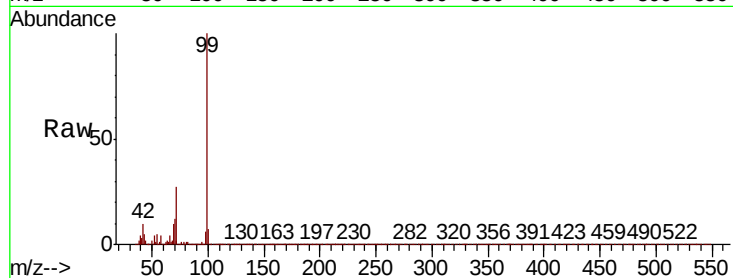
Tot Ion: 99 Resp: 2181325

Ion Ratio Lower Upper

99 100

42 9.9 8.0 12.0

71 27.1 21.3 31.9



#8

2-Chlorophenol

Concen: 44.036 ng

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

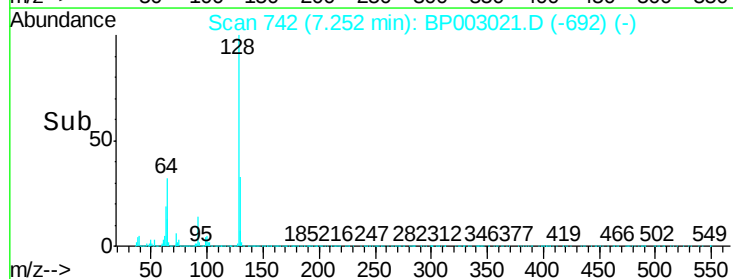
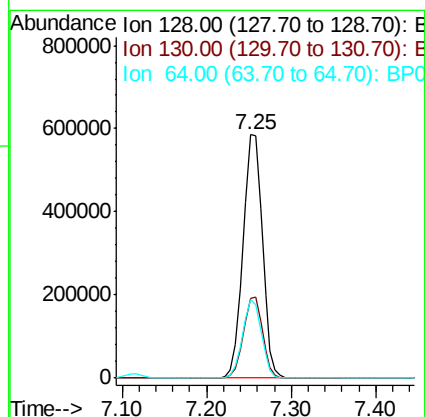
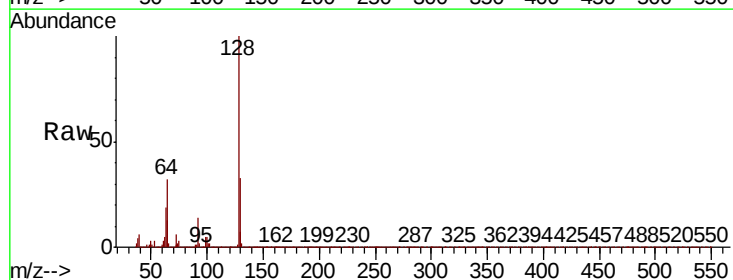
Tgt Ion: 128 Resp: 924883

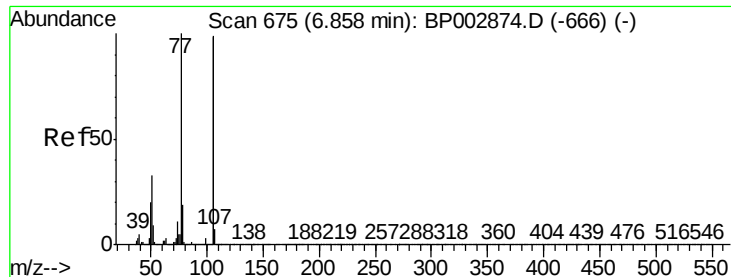
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 32.1 10.7 50.7





#9

Benzaldehyde

Concen: 27.529 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

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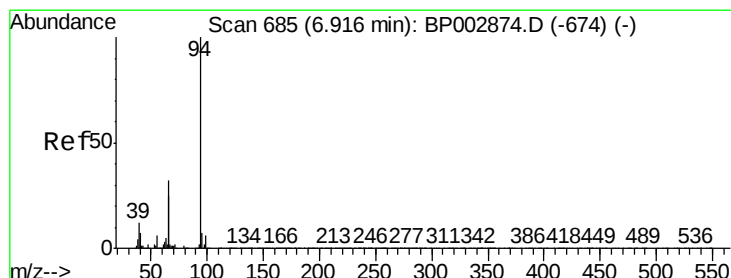
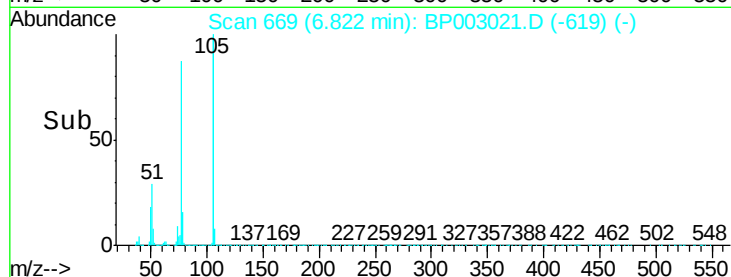
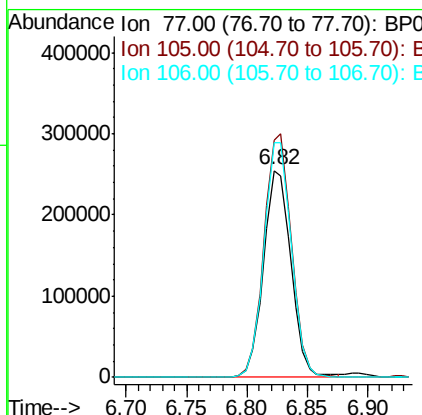
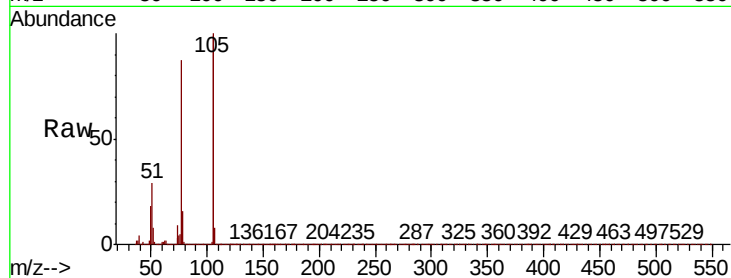
Tot Ion: 77 Resp: 400850

Ion Ratio Lower Upper

77 100

105 115.0 97.5 137.5

106 113.6 93.1 133.1



#10

Phenol

Concen: 32.102 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP003021.D

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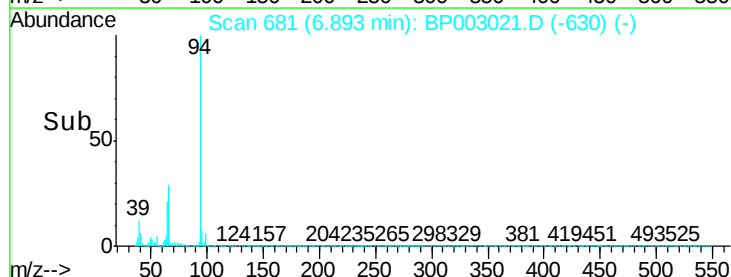
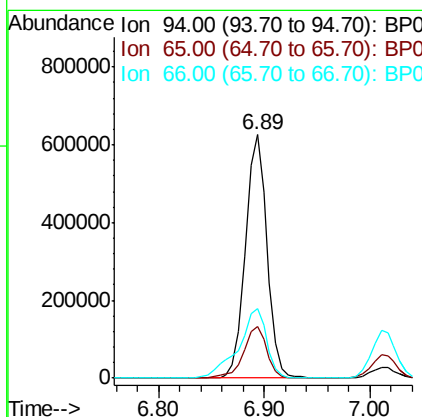
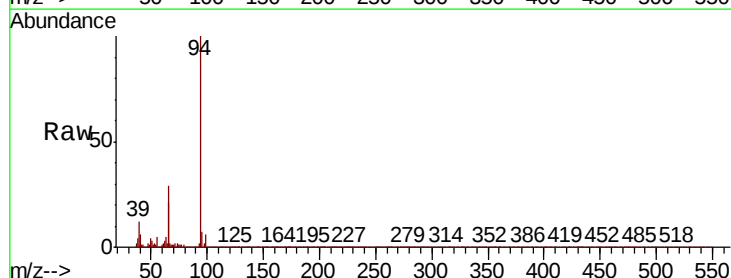
Tgt Ion: 94 Resp: 884199

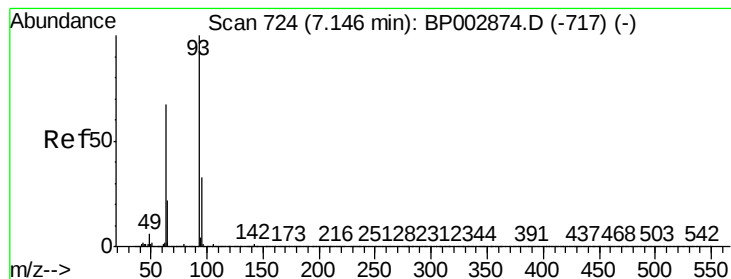
Ion Ratio Lower Upper

94 100

65 21.2 1.7 41.7

66 28.7 8.6 48.6





#11

bis(2-Chloroethyl)ether

Concen: 36.592 ng

RT: 7.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

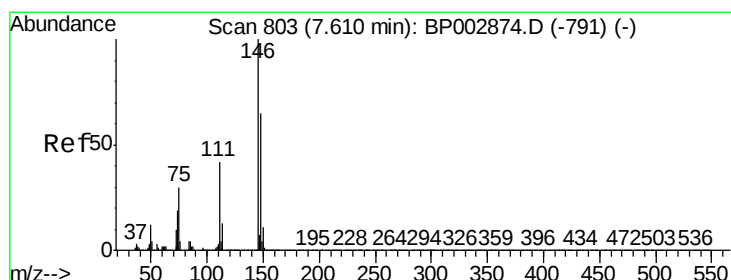
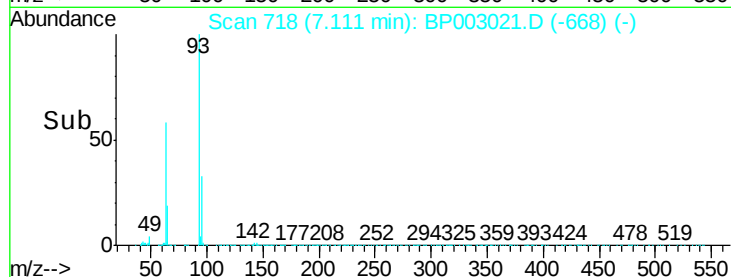
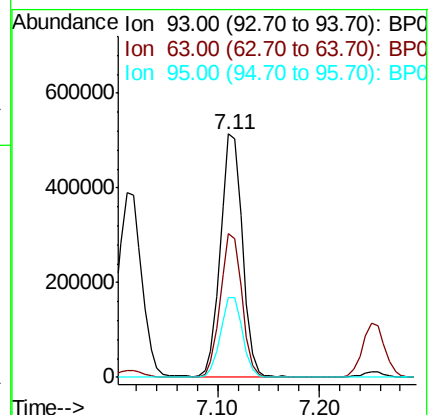
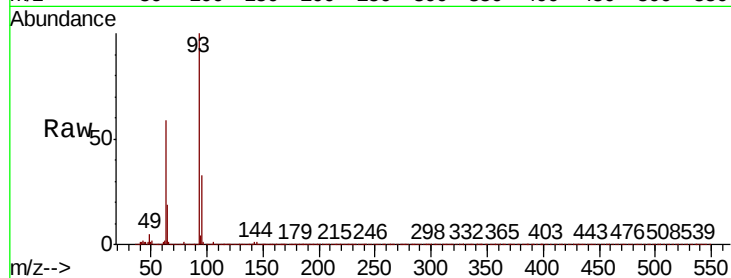
Tot Ion: 93 Resp: 775200

Ion Ratio Lower Upper

93 100

63 59.2 38.4 78.4

95 32.7 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 40.419 ng

RT: 7.58 min Scan# 797

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

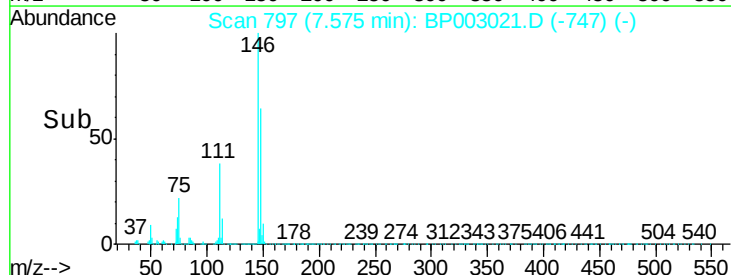
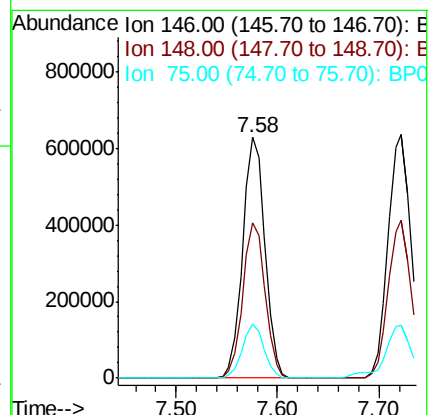
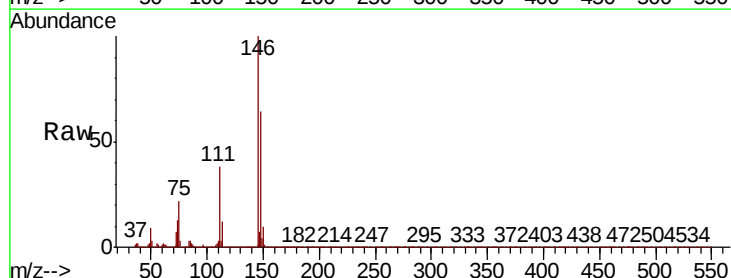
Tgt Ion: 146 Resp: 958128

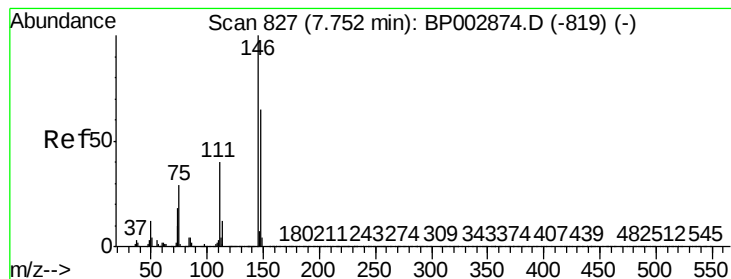
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

75 22.4 17.4 26.0





#13

1,4-Dichlorobenzene

Concen: 41.304 ng

RT: 7.72 min Scan# 822

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

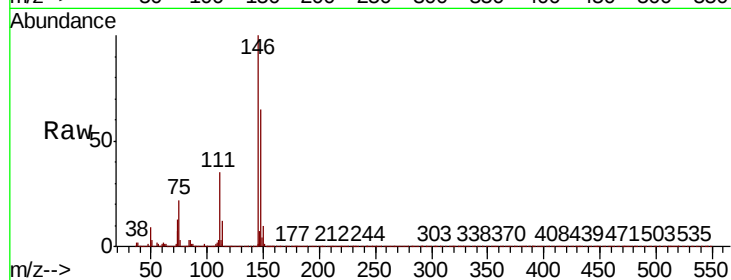
Tot Ion:146 Resp: 989689

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

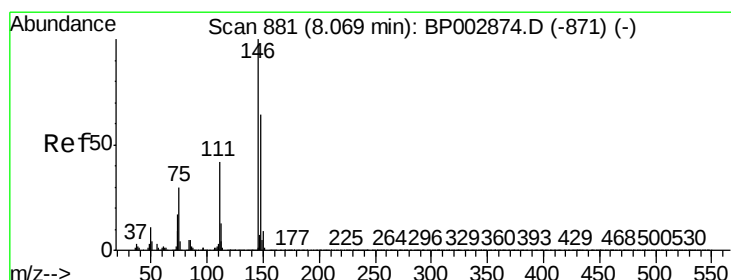
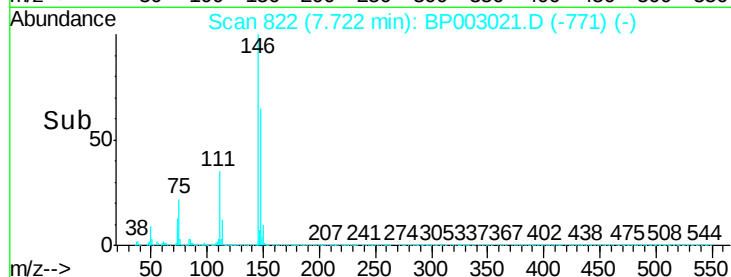
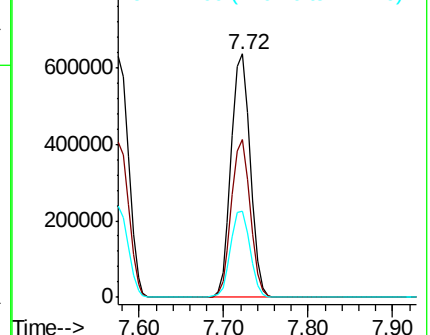
111 35.5 29.0 43.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.143 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

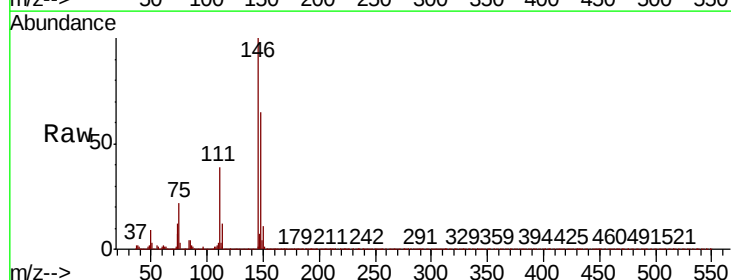
Tgt Ion:146 Resp: 940123

Ion Ratio Lower Upper

146 100

148 64.7 51.5 77.3

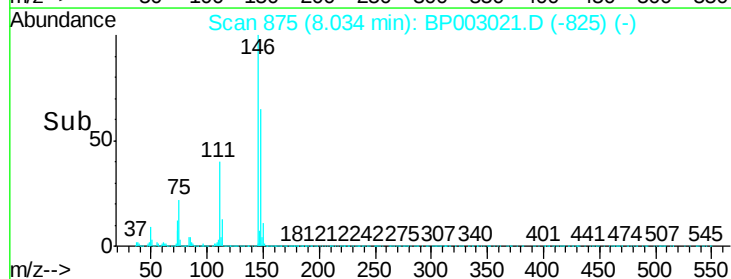
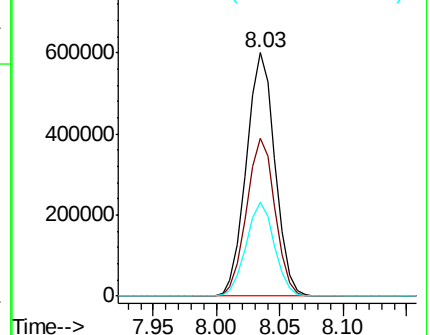
111 38.6 30.5 45.7

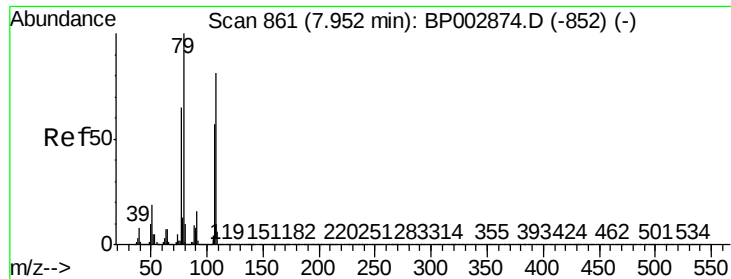


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.343 ng

RT: 7.92 min Scan# 856

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

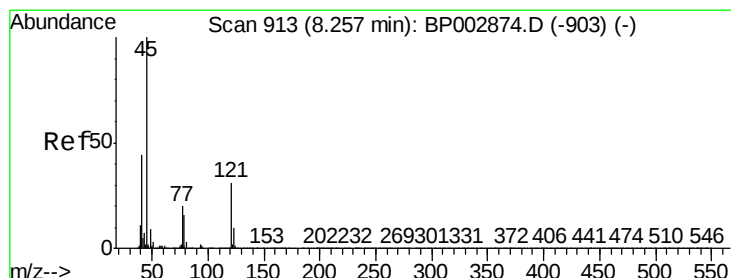
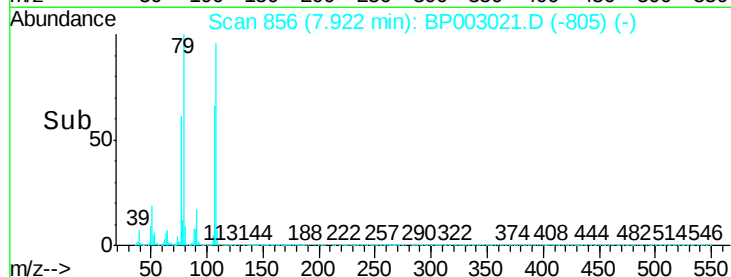
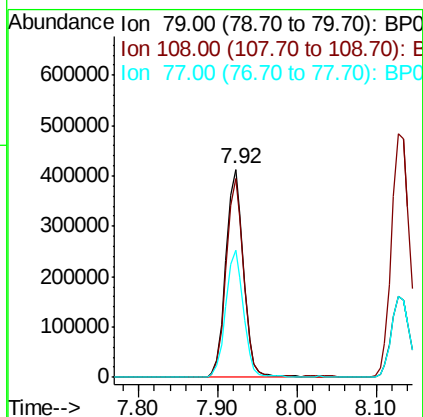
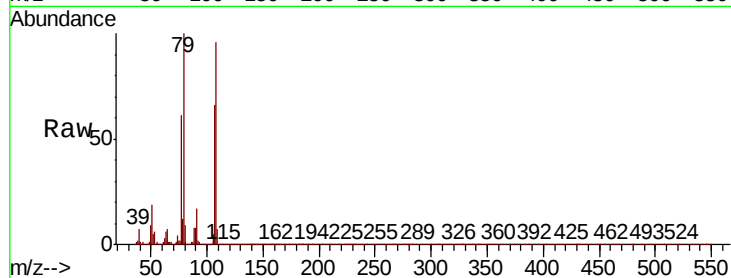
Tot Ion: 79 Resp: 637754

Ion Ratio Lower Upper

79 100

108 95.8 75.7 113.5

77 61.3 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.201 ng

RT: 8.22 min Scan# 907

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

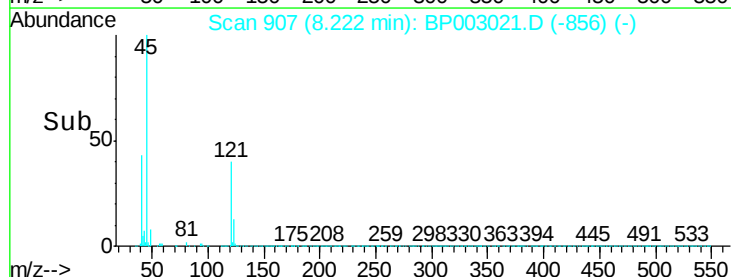
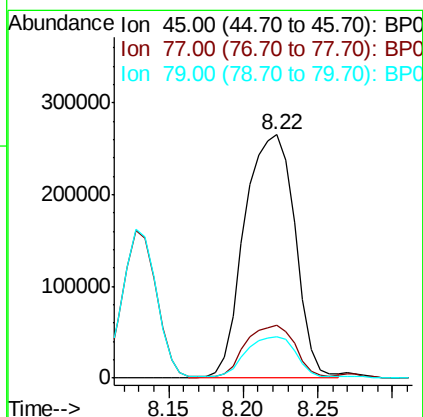
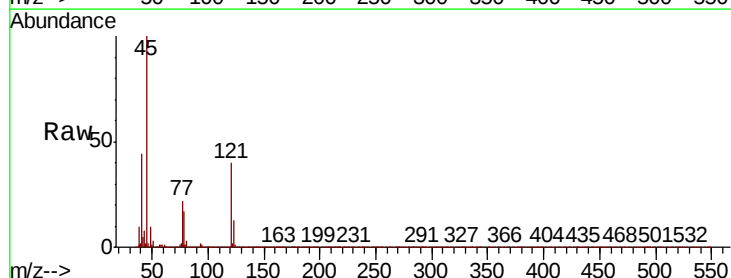
Tgt Ion: 45 Resp: 621005

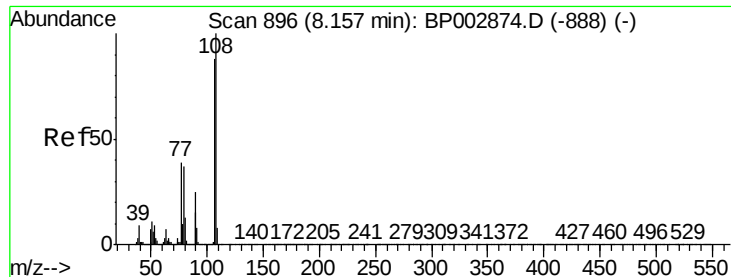
Ion Ratio Lower Upper

45 100

77 21.7 1.2 41.2

79 17.1 0.0 37.0

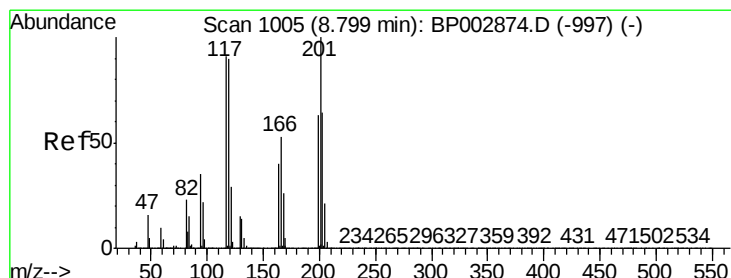
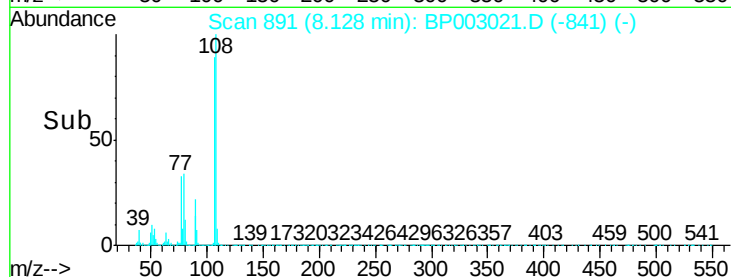
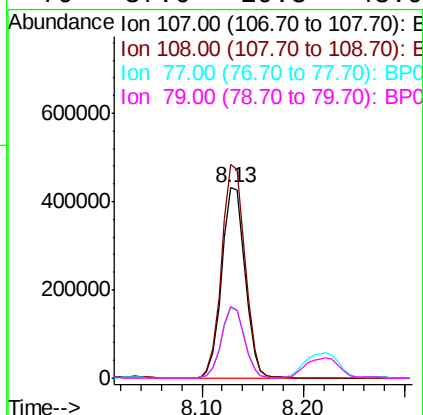
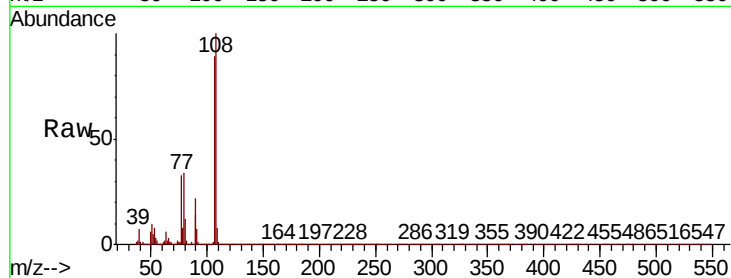




#17
2-Methylphenol
Concen: 39.382 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

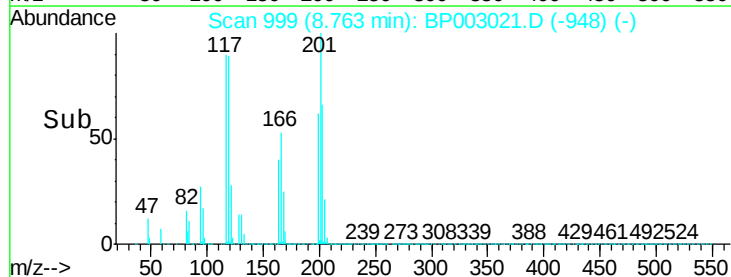
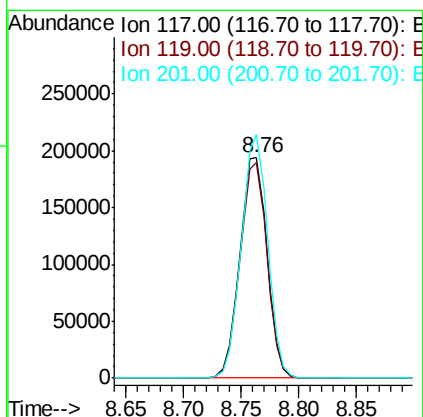
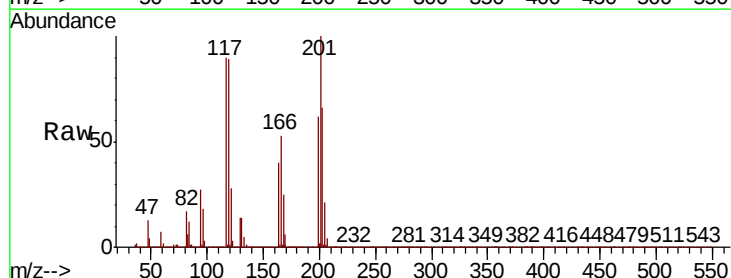
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

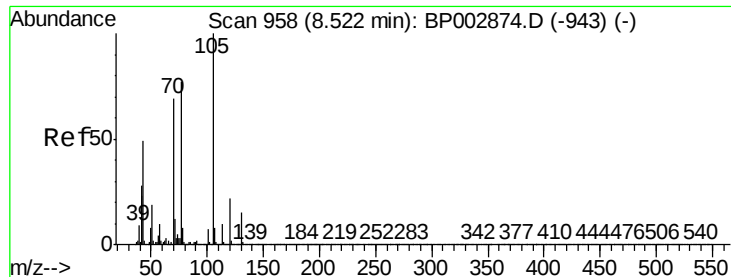
Tot Ion:	107	Resp:	693148
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	37.2	29.3	43.9
79	37.6	29.3	43.9



#18
Hexachloroethane
Concen: 37.946 ng
RT: 8.76 min Scan# 999
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:	117	Resp:	317128
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.1	115.7
201	110.5	84.3	126.5

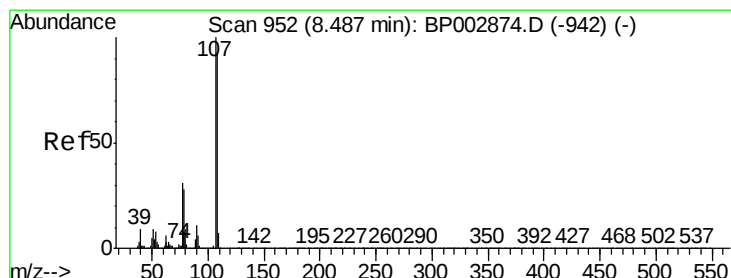
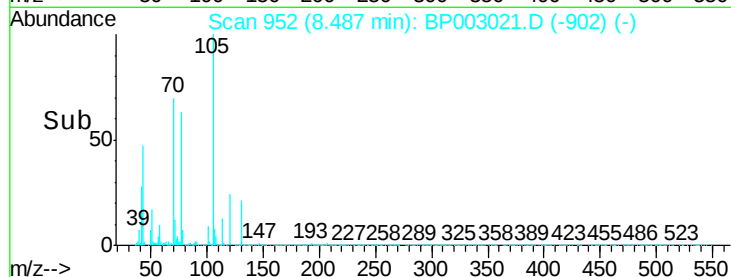
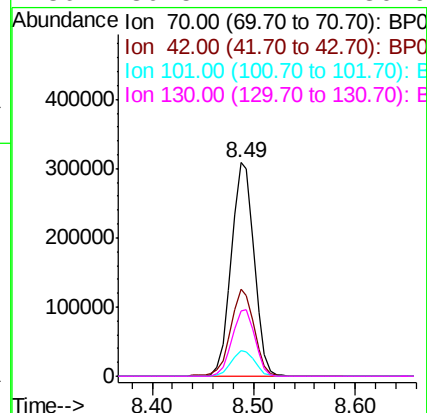
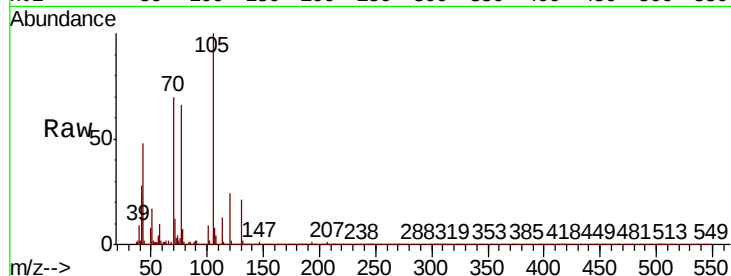




#19
n-Nitroso-di-n-propylamine
Concen: 30.583 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

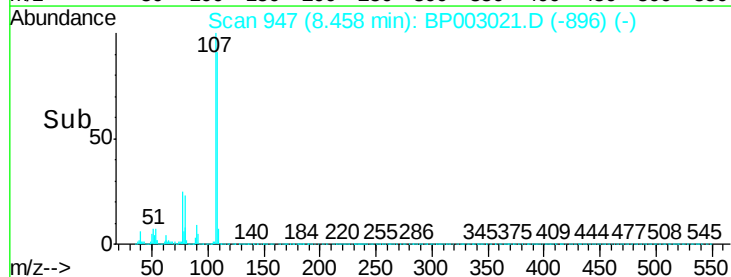
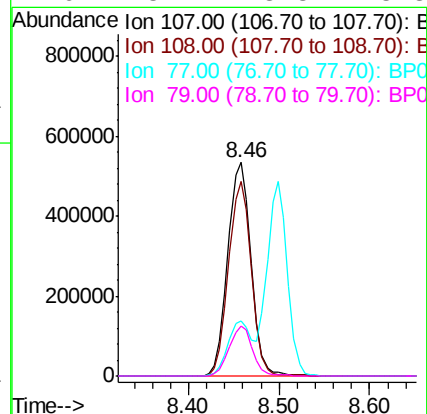
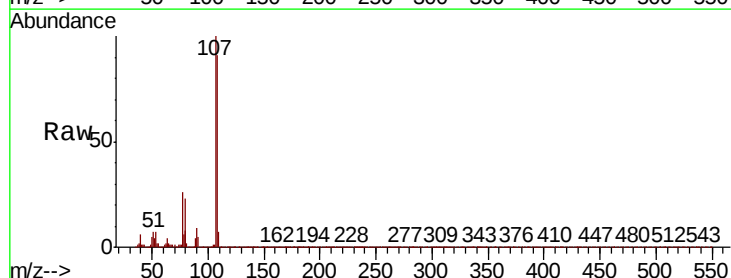
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

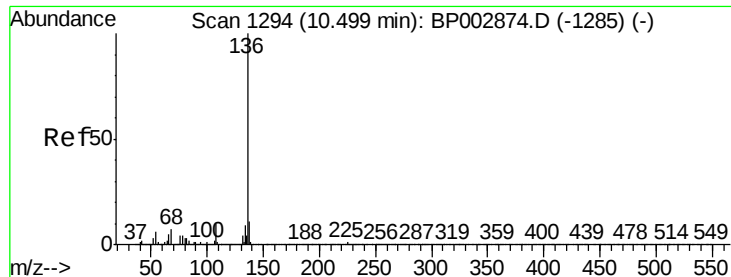
Tot Ion:	70	Resp:	481927
Ion	Ratio	Lower	Upper
70	100		
42	40.8	31.8	47.8
101	12.3	9.8	14.8
130	30.5	24.4	36.6



#20
3+4-Methylphenols
Concen: 39.956 ng
RT: 8.46 min Scan# 947
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:	107	Resp:	947784
Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.1	109.1
77	25.8	7.2	47.2
79	23.4	3.3	43.3

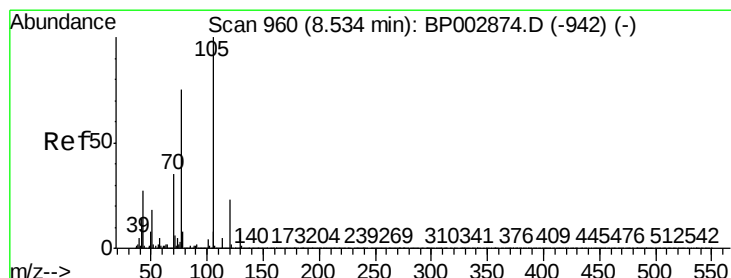
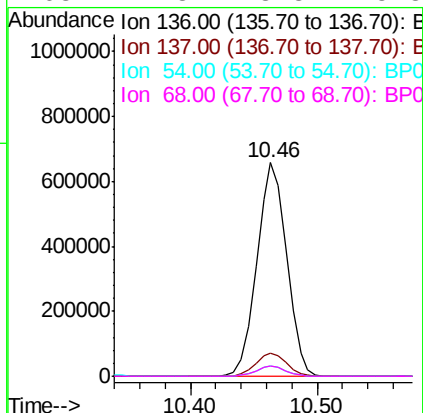
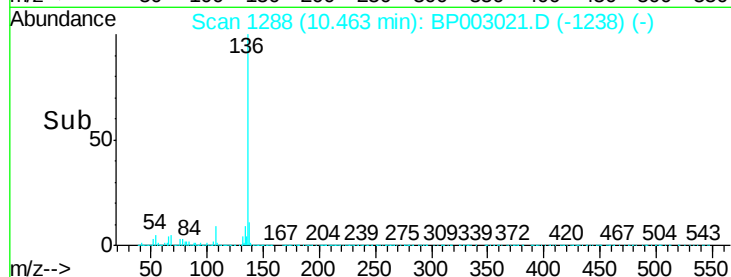
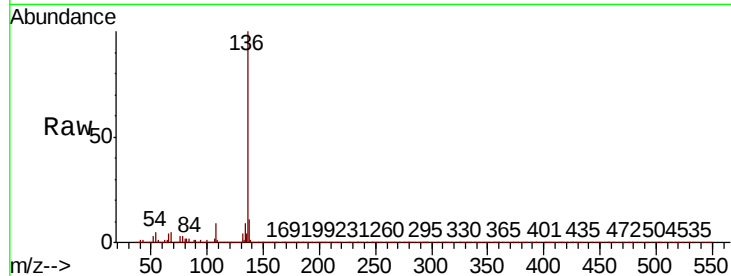




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

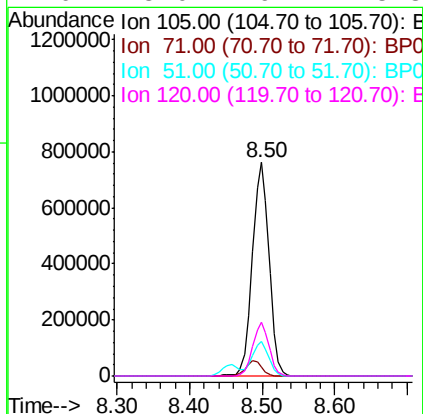
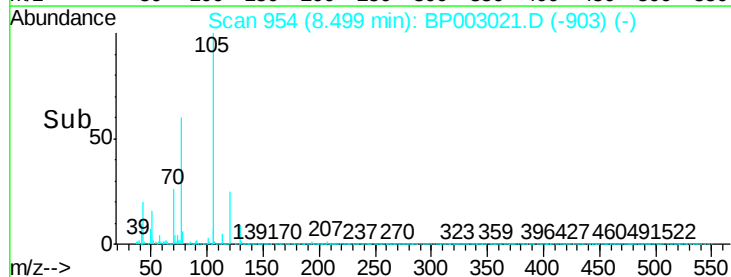
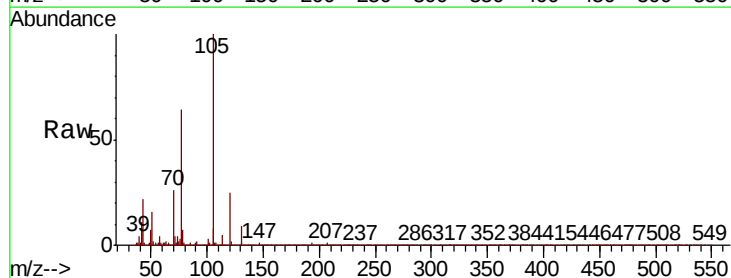
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

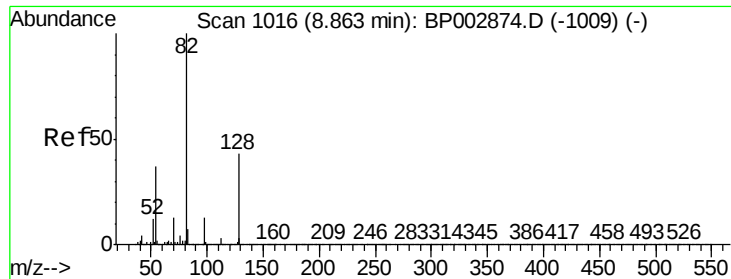
Tot Ion:136	Resp: 1075736
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 4.7	3.8 5.8
68 4.8	3.8 5.8



#22
Acetophenone
Concen: 39.861 ng
RT: 8.50 min Scan# 954
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt	Ion:105	Resp:	1209835
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.4	8.0#
51	16.2	13.5	20.3
120	25.0	19.2	28.8

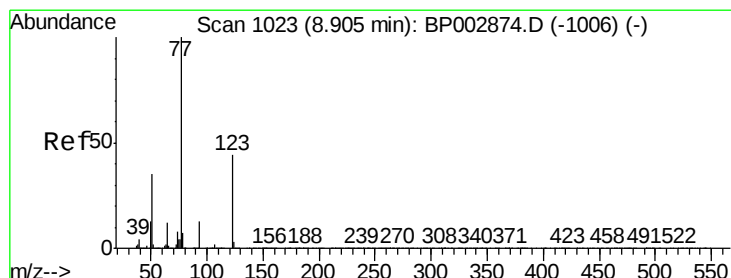
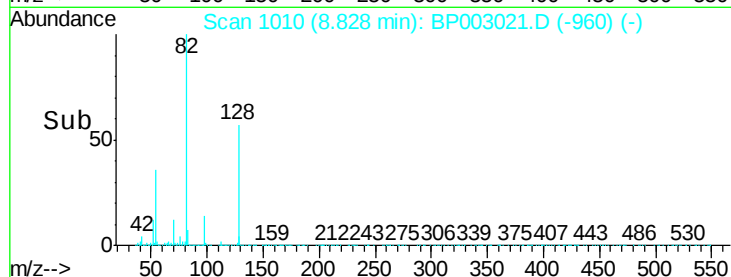
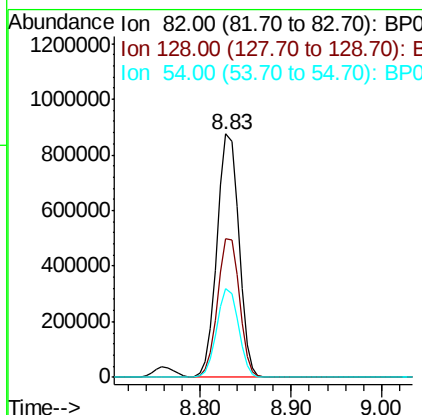
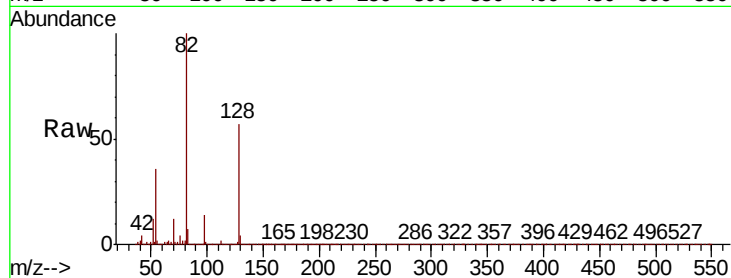




#23
 Nitrobenzene-d5
 Concen: 73.585 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

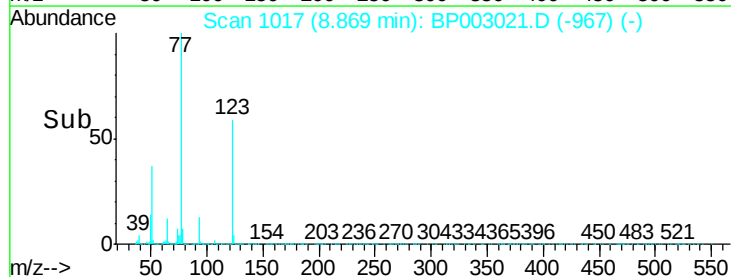
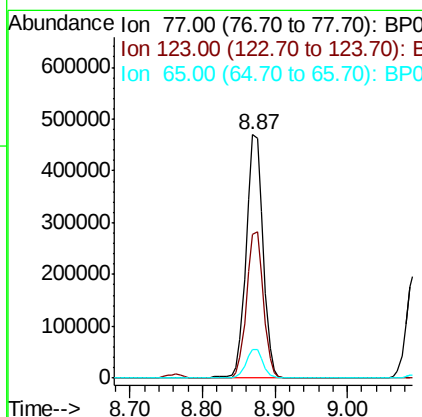
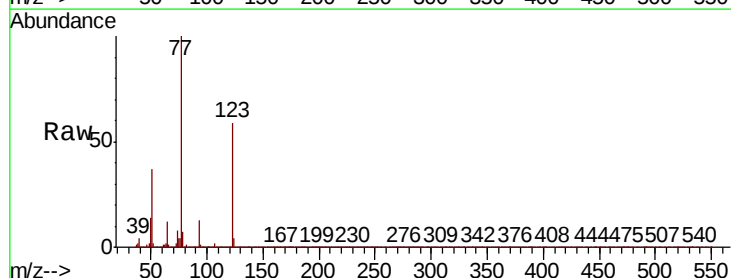
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

Tot Ion: 82 Resp: 1461495
 Ion Ratio Lower Upper
 82 100
 128 56.7 45.1 67.7
 54 36.4 28.8 43.2



#24
 Nitrobenzene
 Concen: 35.144 ng
 RT: 8.87 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

Tgt Ion: 77 Resp: 757786
 Ion Ratio Lower Upper
 77 100
 123 58.8 47.5 71.3
 65 11.6 9.2 13.8





#25

Isophorone

Concen: 31.290 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

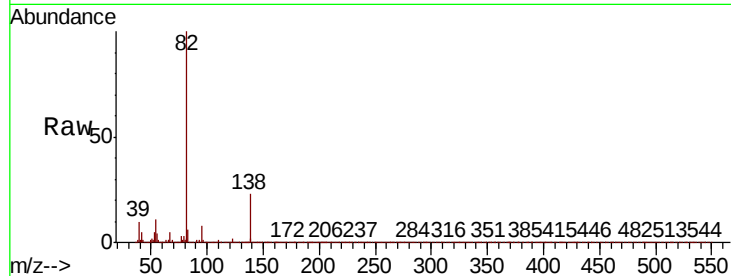
Tot Ion: 82 Resp: 1335094

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 22.8 18.8 28.2

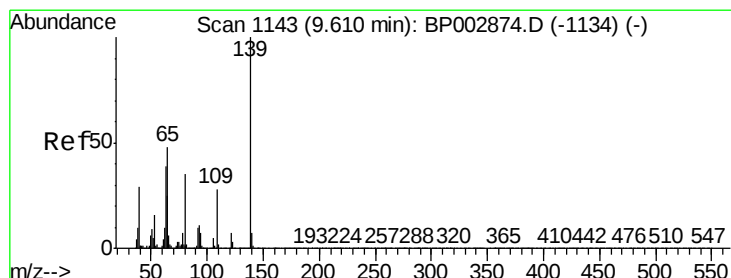
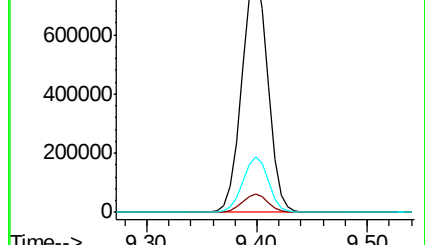
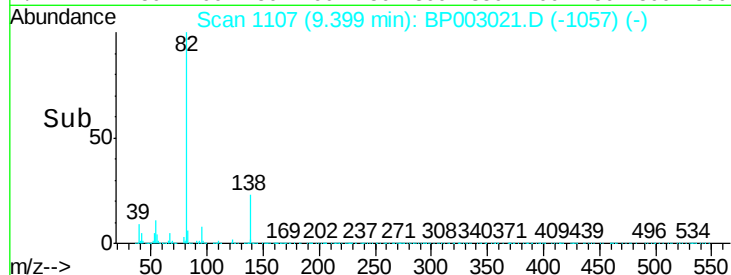


Abundance Ion 82.00 (81.70 to 82.70): BP003021.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BP003021.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BP003021.D (-1057) (-)

Time-->



#26

2-Nitrophenol

Concen: 47.899 ng

RT: 9.58 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

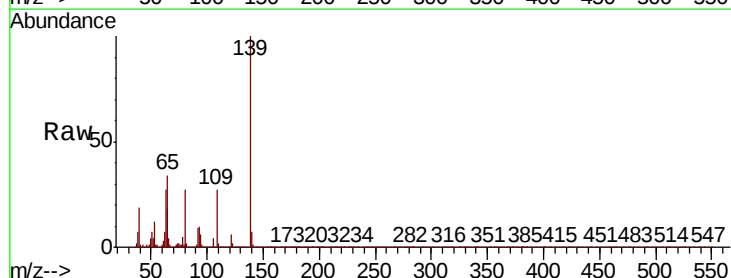
Tgt Ion: 139 Resp: 431011

Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 34.0 27.2 40.8

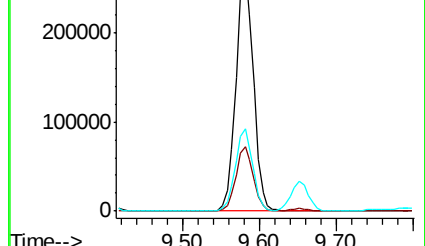
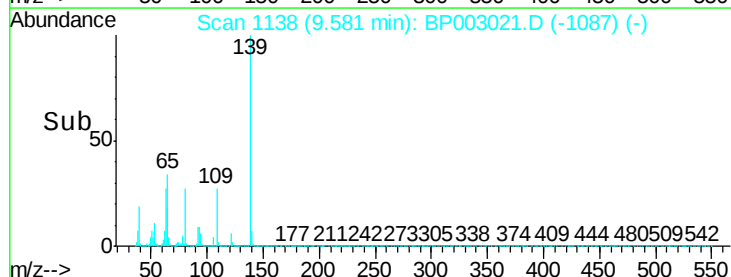


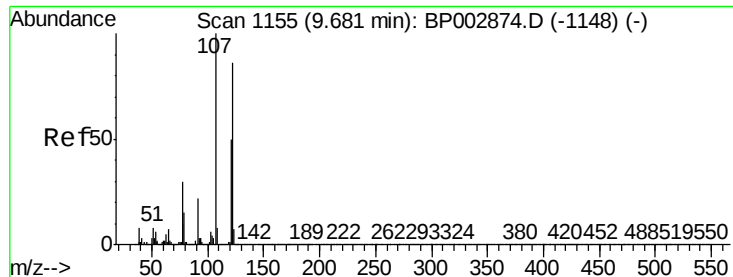
Abundance Ion 139.00 (138.70 to 139.70): BP003021.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BP003021.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BP003021.D (-1087) (-)

Time-->

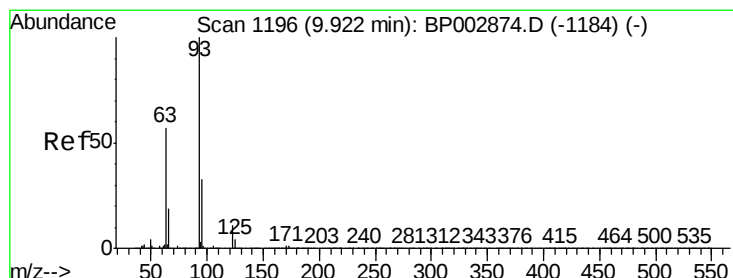
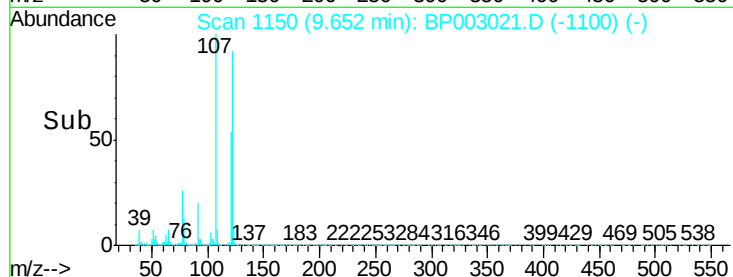
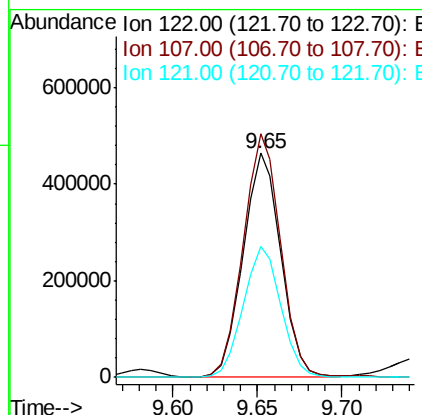
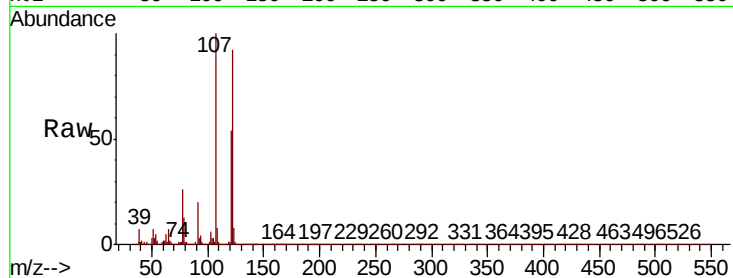




#27
2,4-Dimethylphenol
Concen: 42.371 ng
RT: 9.65 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

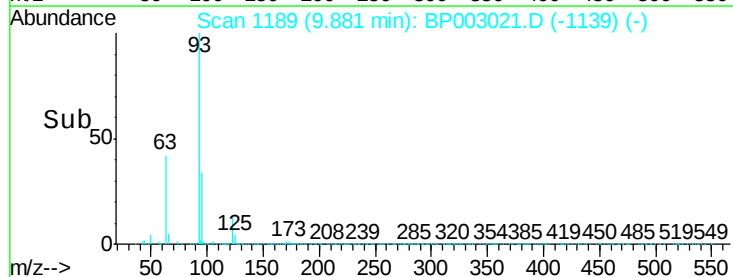
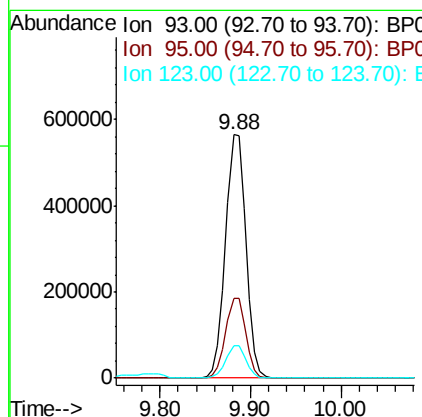
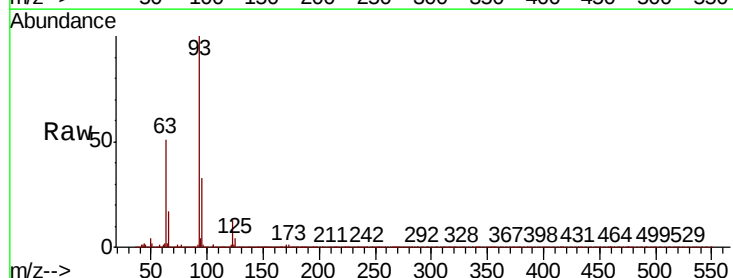
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

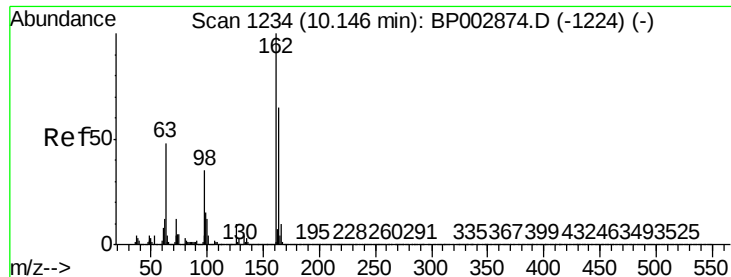
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	85.4	128.0
121	58.4	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.015 ng
RT: 9.88 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	13.3	10.5	15.7

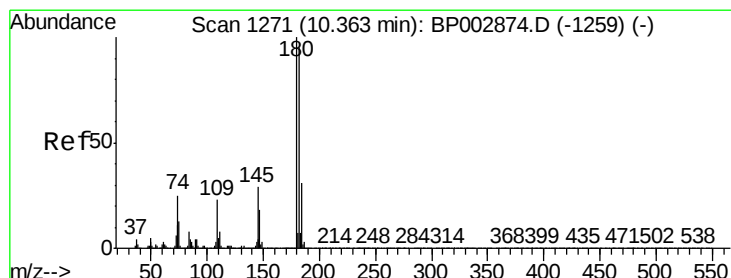
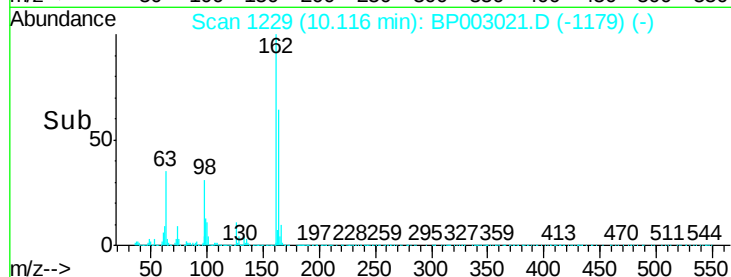
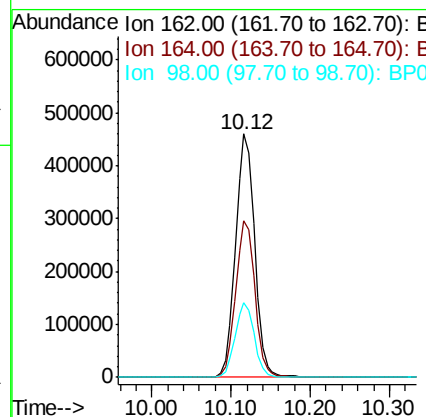
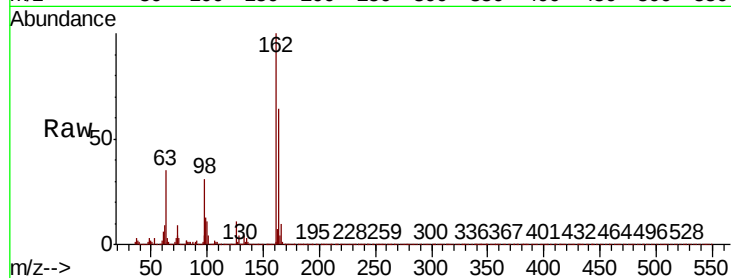




#29
 2,4-Dichlorophenol
 Concen: 43.118 ng
 RT: 10.12 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

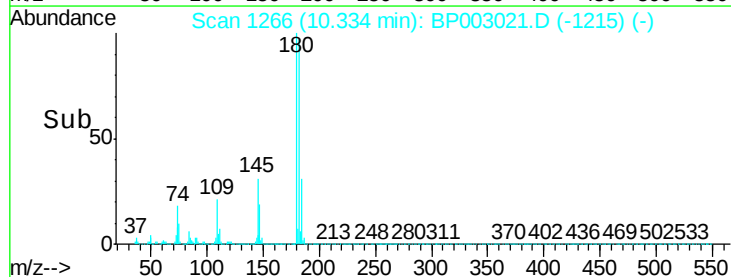
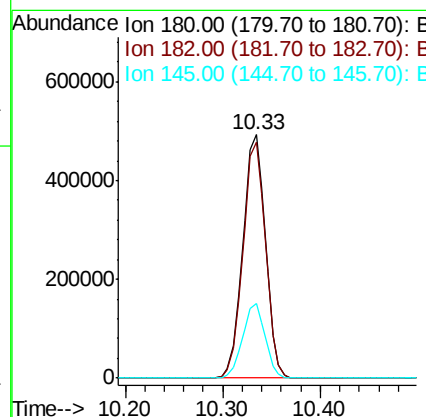
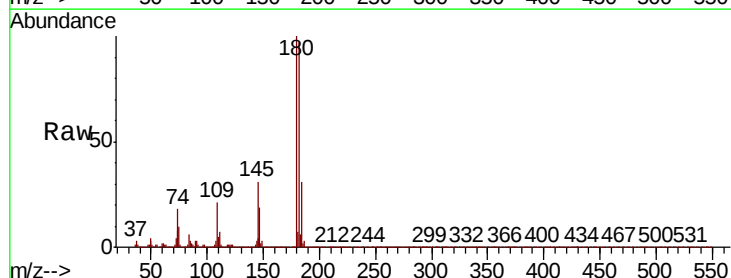
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

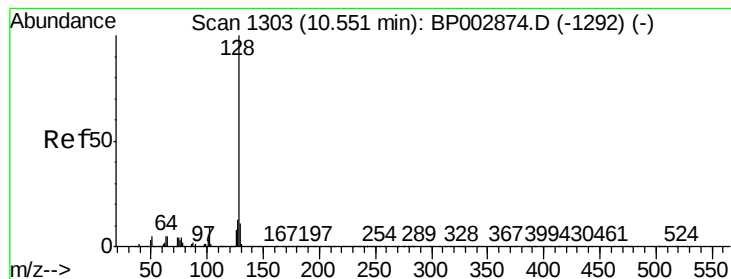
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.9	83.9
98	30.8	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.063 ng
 RT: 10.33 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.3	114.5
145	30.7	24.4	36.6





#31

Naphthalene

Concen: 39.711 ng

RT: 10.52 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

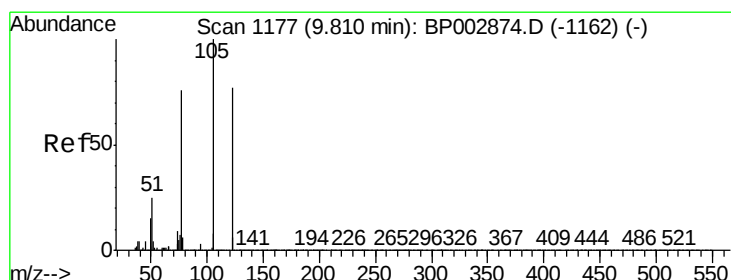
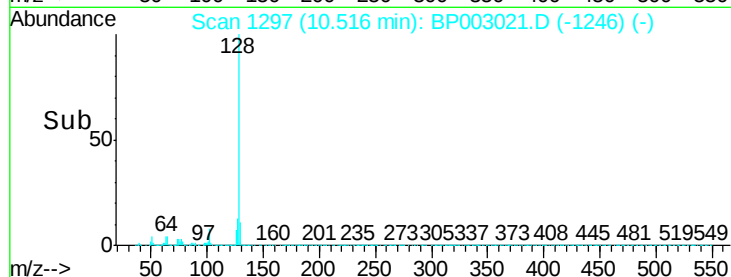
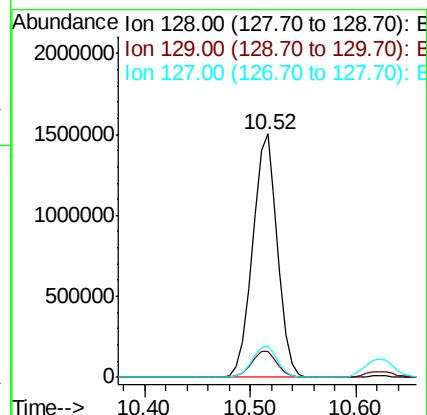
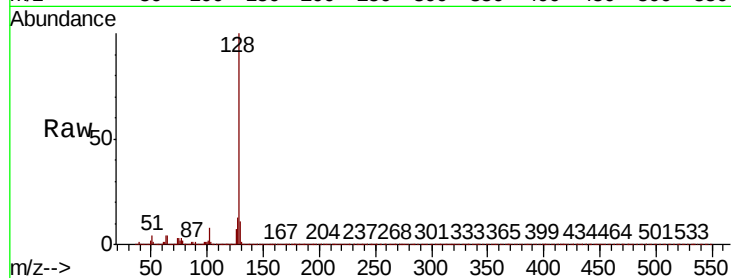
BNA_P

ClientSampleId :

CL-02-081420MS

Tot Ion:128 Resp: 2445375

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.0	10.6	16.0



#32

Benzoic acid

Concen: 42.793 ng

RT: 9.79 min Scan# 1174

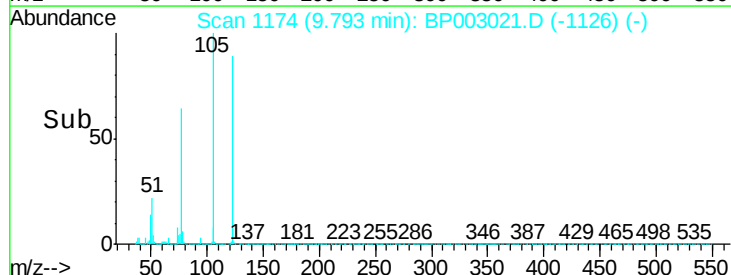
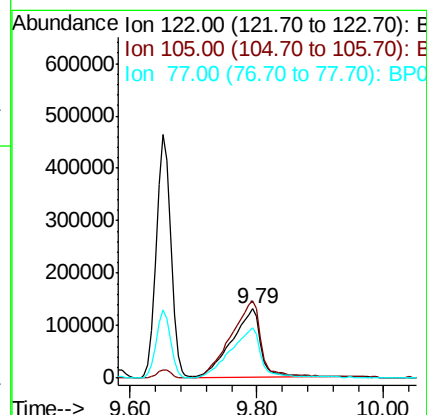
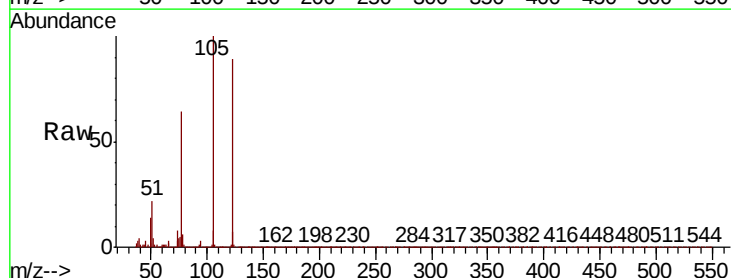
Delta R.T. -0.02 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Tgt Ion:122 Resp: 417732

Ion	Ratio	Lower	Upper
122	100		
105	112.0	96.2	136.2
77	71.9	55.6	95.6

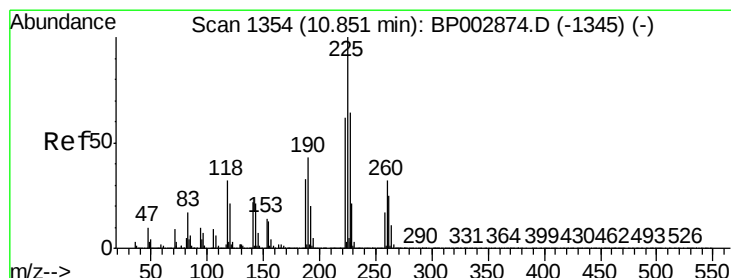
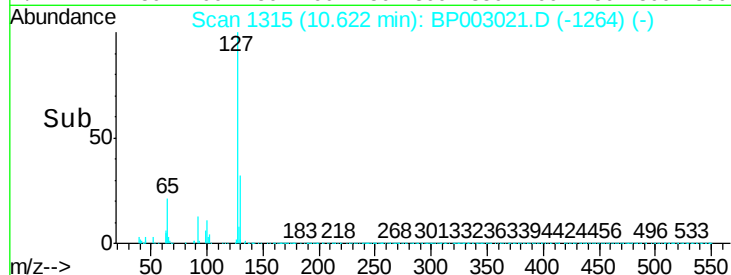
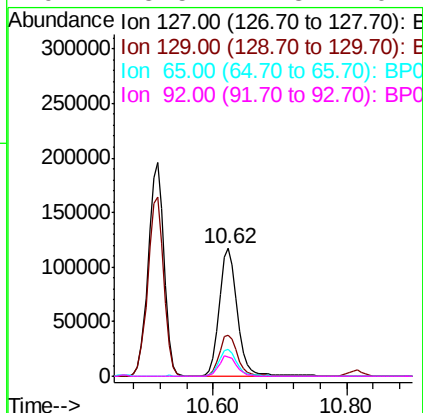
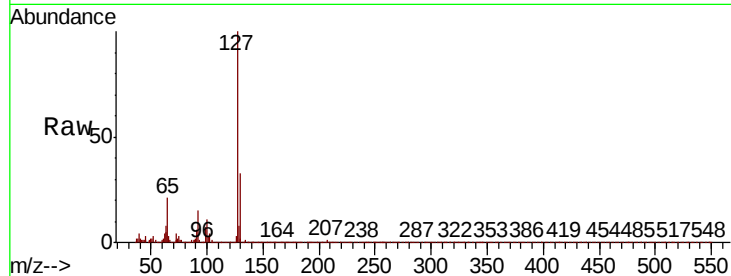




#33
4-Chloroaniline
Concen: 8.799 ng
RT: 10.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

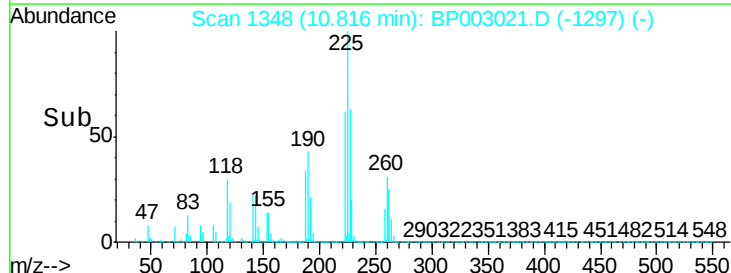
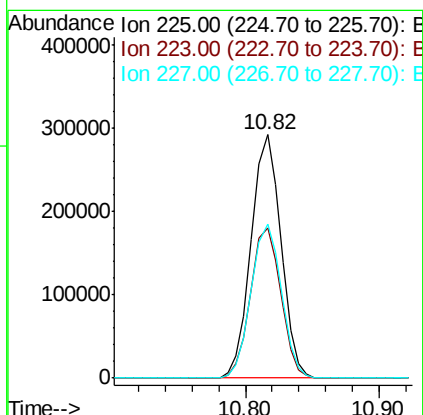
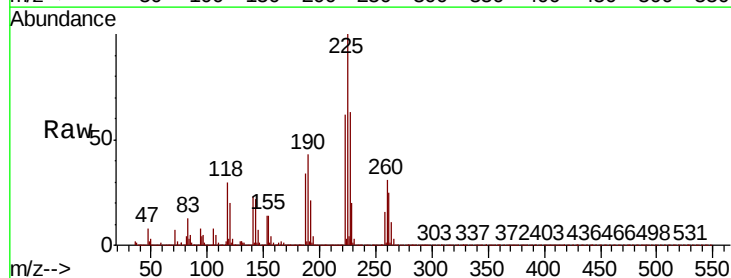
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

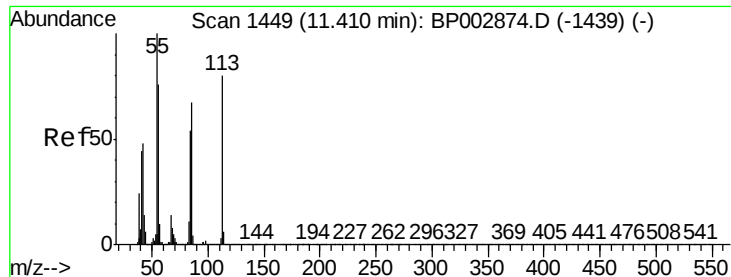
Tot Ion:	127	Resp:	224554
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	20.7	16.7	25.1
92	15.5	12.8	19.2



#34
Hexachlorobutadiene
Concen: 35.310 ng
RT: 10.82 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:	225	Resp:	451727
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	63.5	51.0	76.6

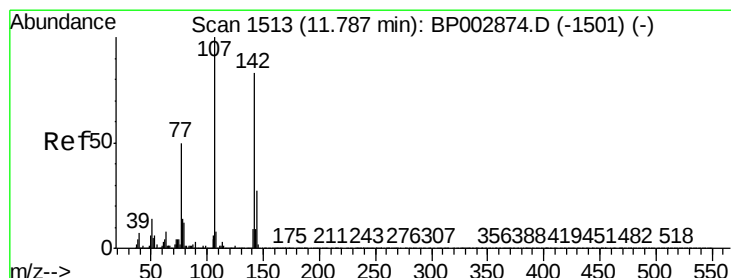
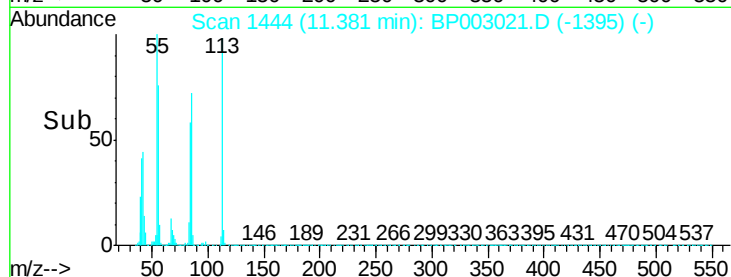
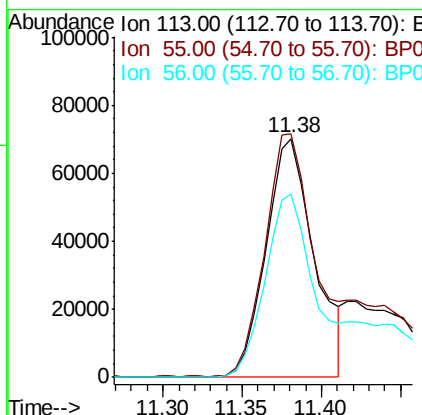
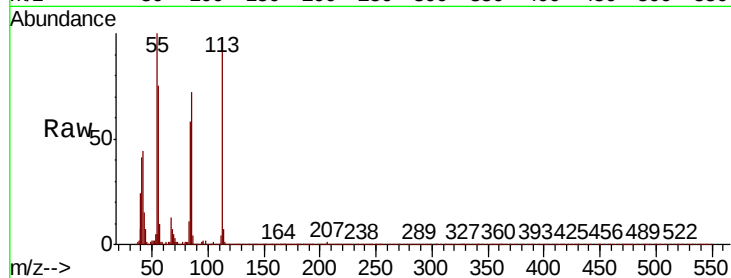




#35
Caprolactam
Concen: 26.792 ng
RT: 11.38 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

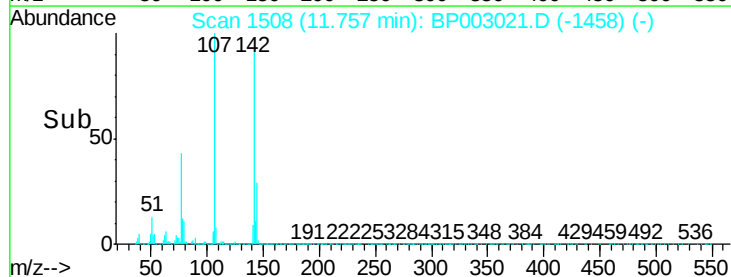
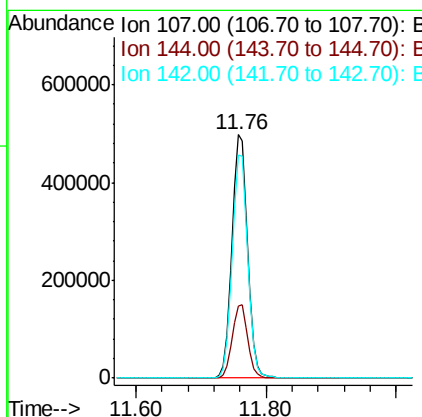
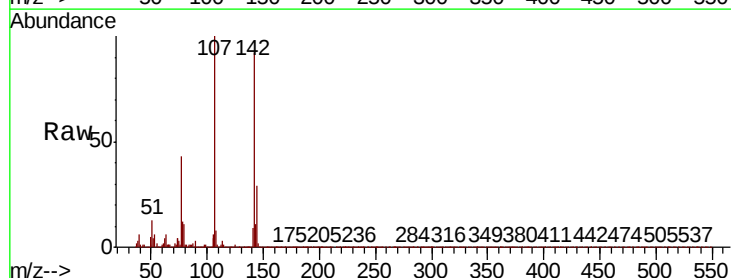
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

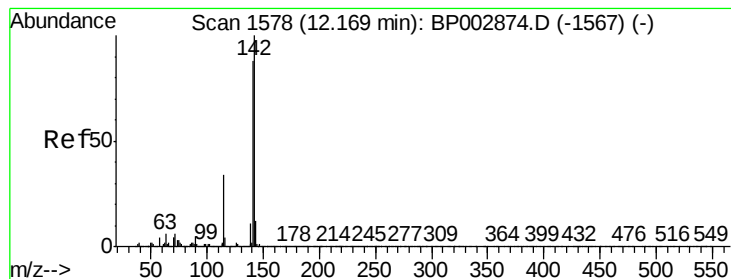
Tot Ion:113 Resp: 148250
Ion Ratio Lower Upper
113 100
55 101.8 87.1 127.1
56 76.8 61.0 101.0



#36
4-Chloro-3-methylphenol
Concen: 44.617 ng
RT: 11.76 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:107 Resp: 829430
Ion Ratio Lower Upper
107 100
144 29.5 23.8 35.6
142 91.8 74.2 111.4





#37

2-Methylnaphthalene

Concen: 46.130 ng

RT: 12.13 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

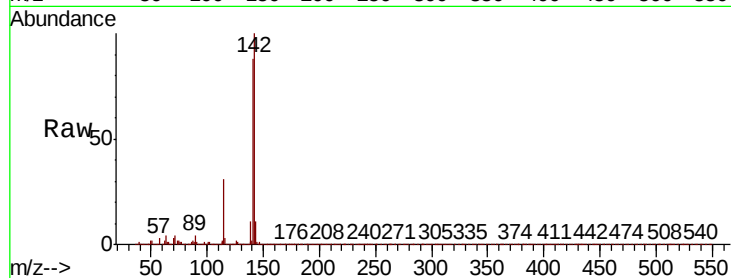
BNA_P

ClientSampleId :

CL-02-081420MS

Tot Ion:142 Resp: 2020663

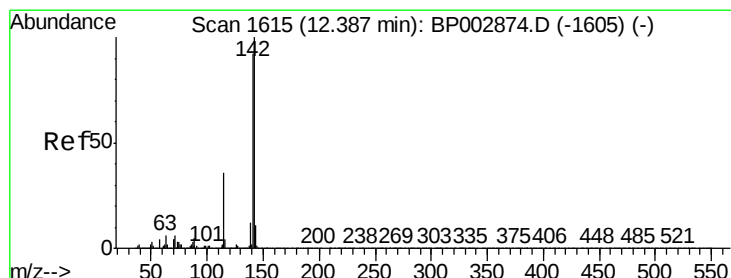
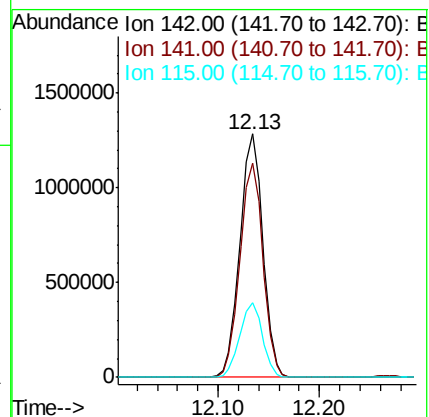
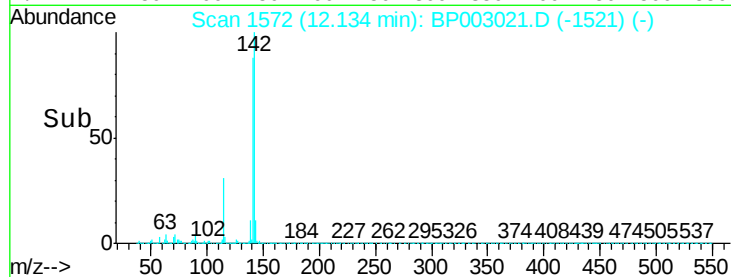
Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7
115	30.8	25.0	37.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.713 ng

RT: 12.35 min Scan# 1609

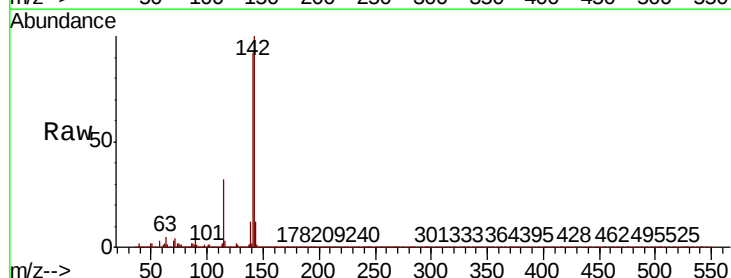
Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Tgt Ion:142 Resp: 1926145

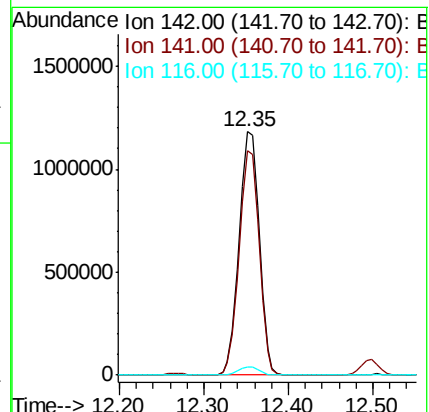
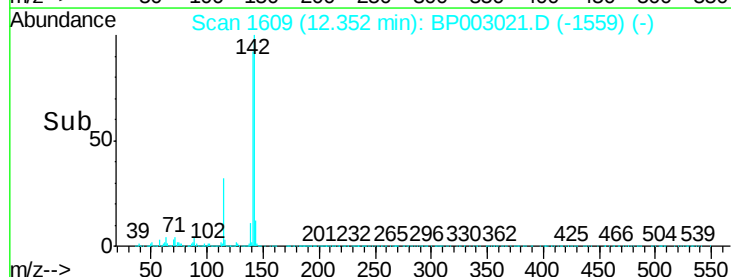
Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.5	110.3
116	3.4	2.8	4.2

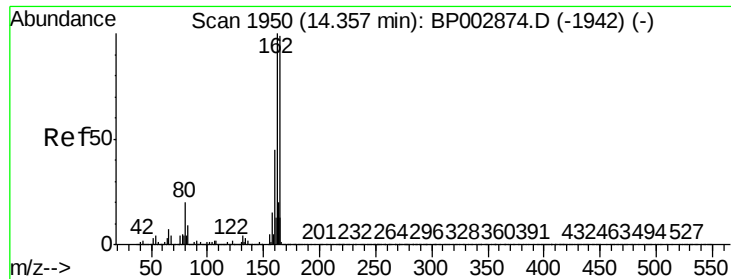


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

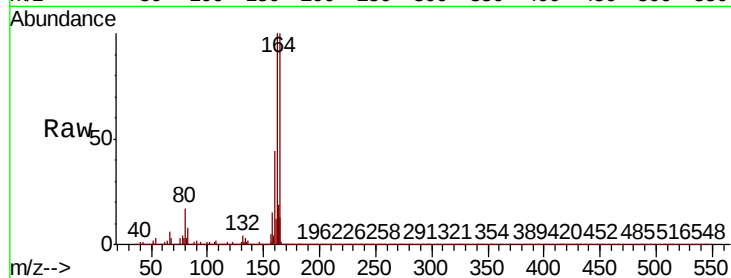
Tot Ion:164 Resp: 745798

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

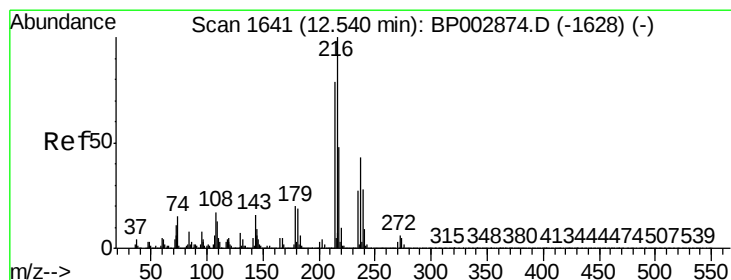
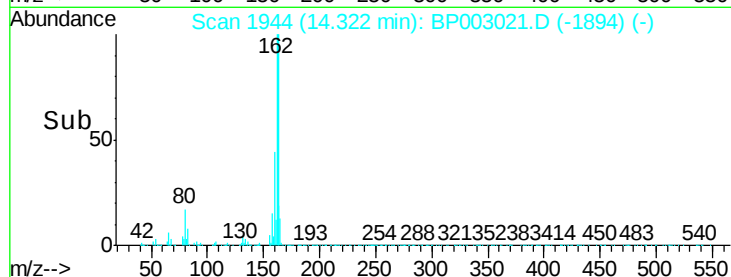
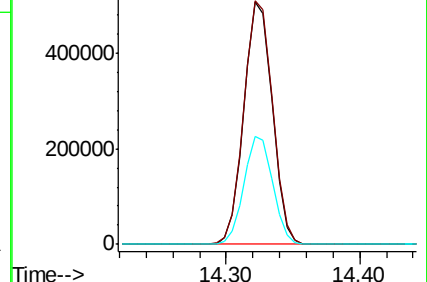
160 44.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.191 ng

RT: 12.51 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Tgt Ion:216 Resp: 970424

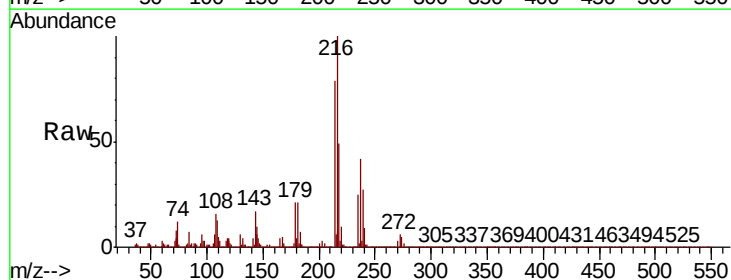
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 21.3 17.3 25.9

108 17.5 13.6 20.4

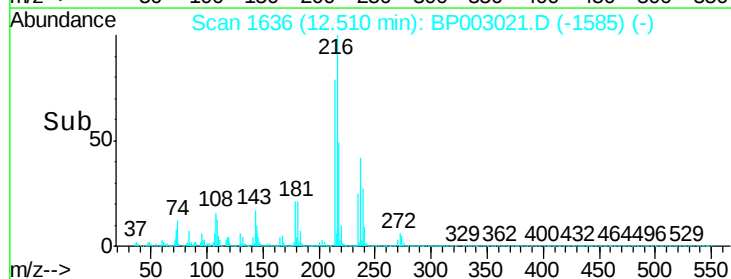
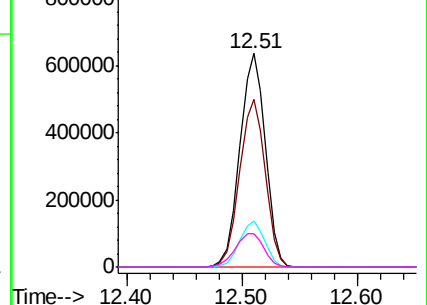


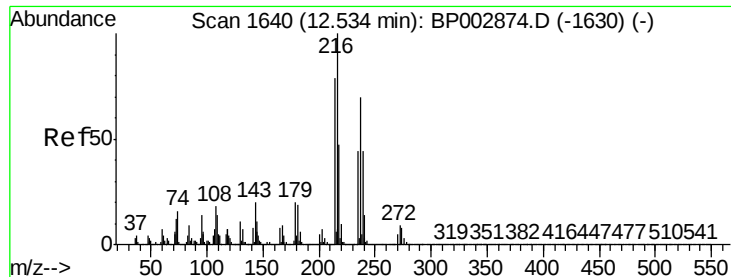
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.224 ng

RT: 12.50 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

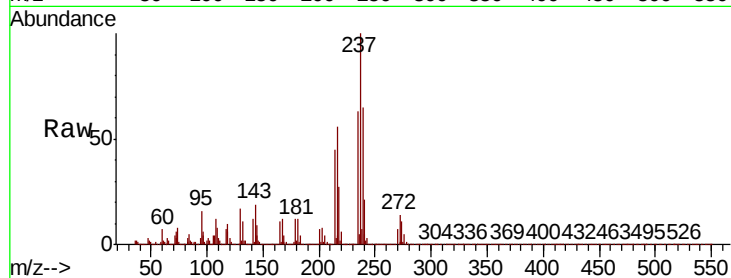
Tot Ion:237 Resp: 935109

Ion Ratio Lower Upper

237 100

235 62.8 43.8 83.8

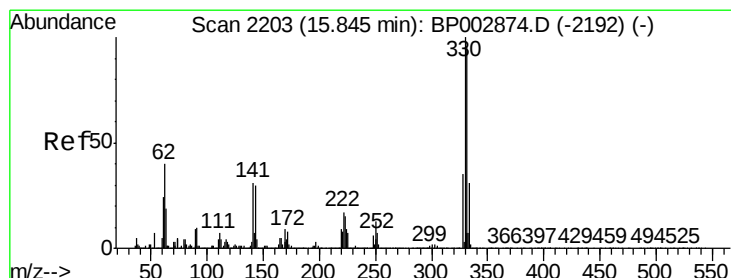
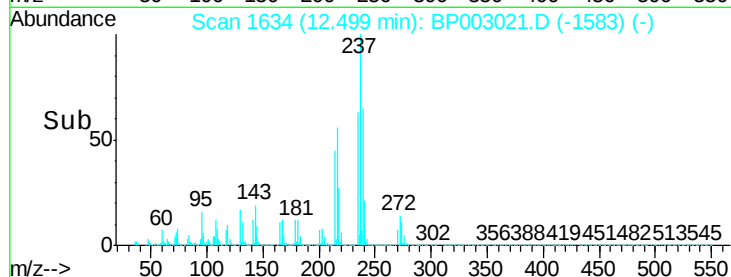
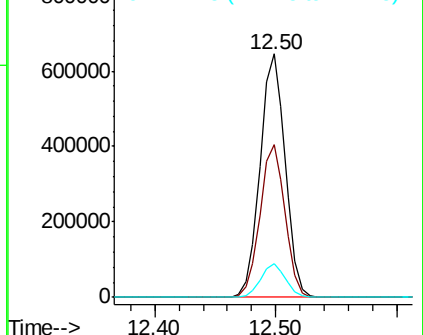
272 13.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.238 ng

RT: 15.82 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

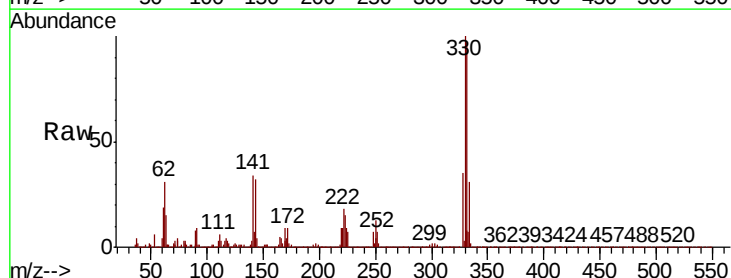
Tgt Ion:330 Resp: 947682

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

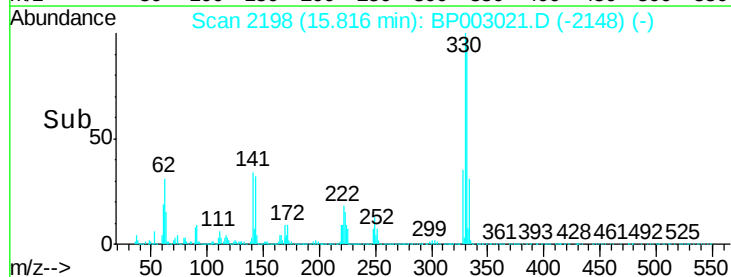
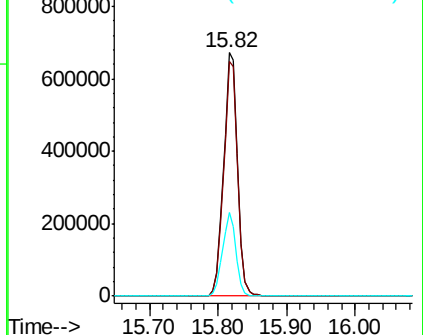
141 33.0 26.7 40.1

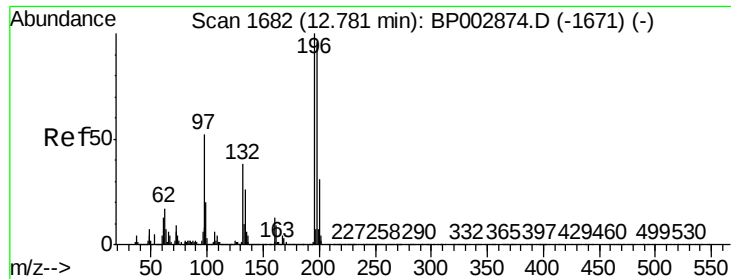


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

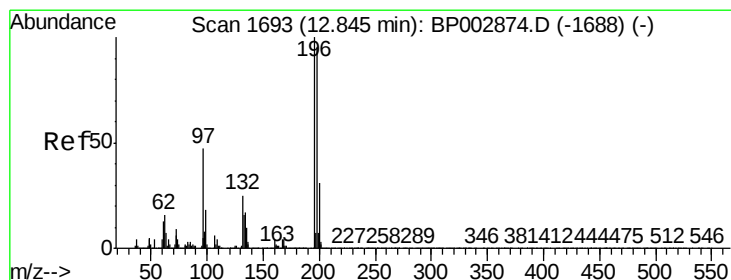
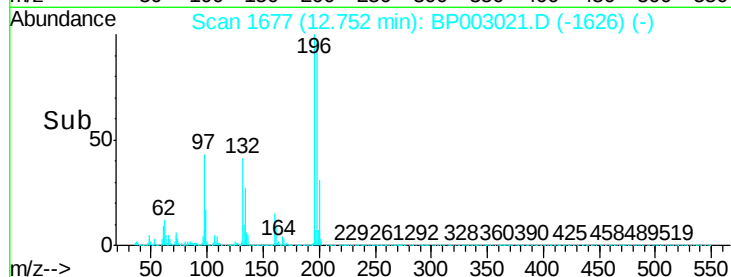
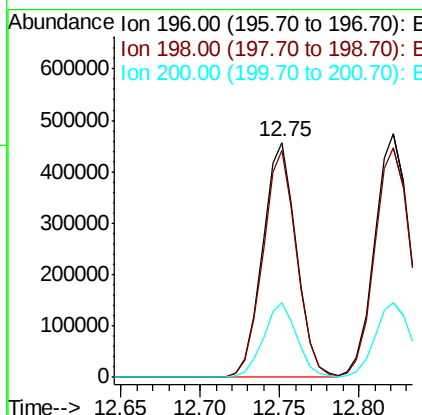
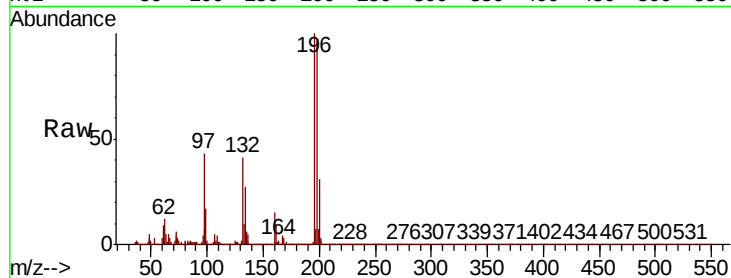




#43
 2,4,6-Trichlorophenol
 Concen: 43.764 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

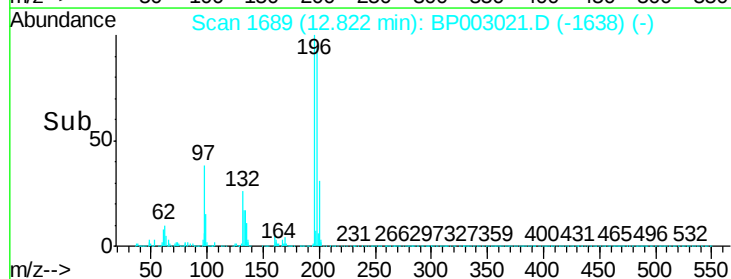
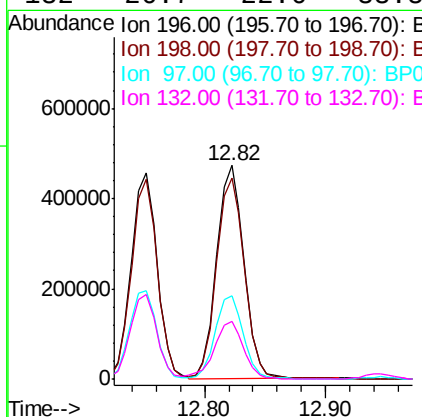
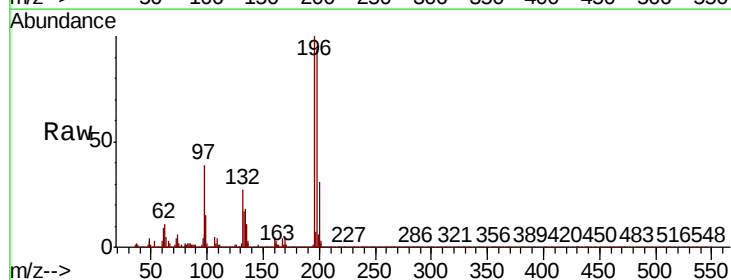
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

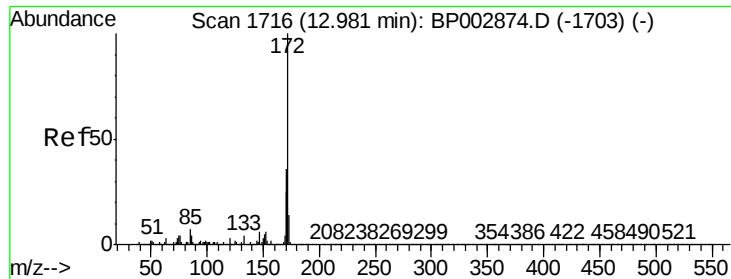
Tot Ion:196 Resp: 680134
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.2 114.2
 200 31.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.372 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

Tgt Ion:196 Resp: 739424
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.8 115.2
 97 38.7 33.6 50.4
 132 26.7 22.6 33.8

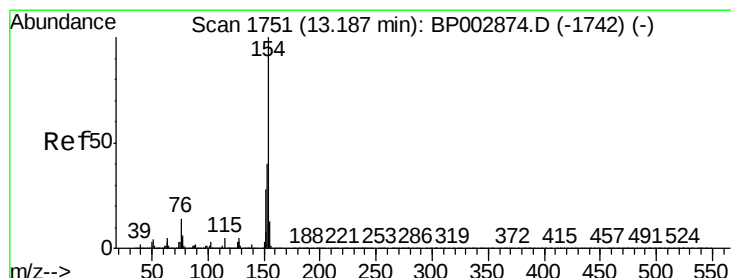
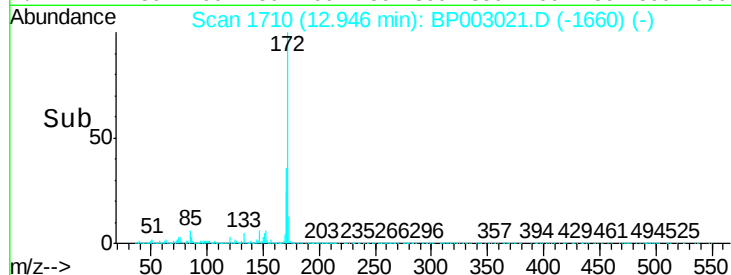
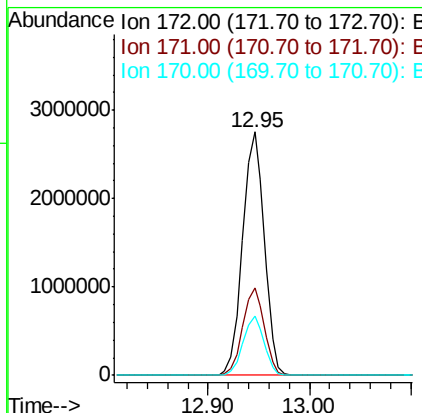
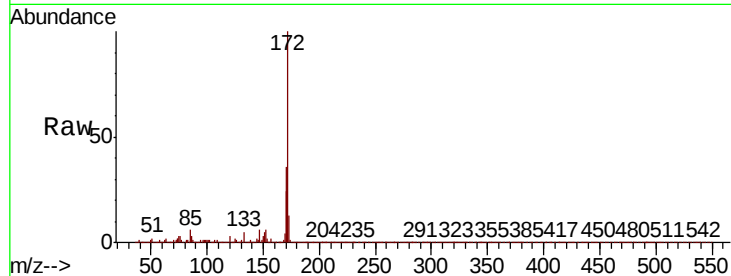




#45
2-Fluorobiphenyl
Concen: 74.769 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

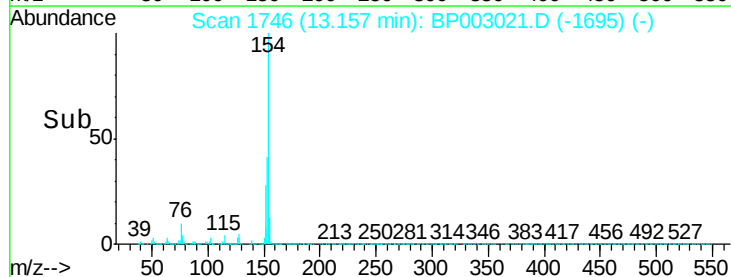
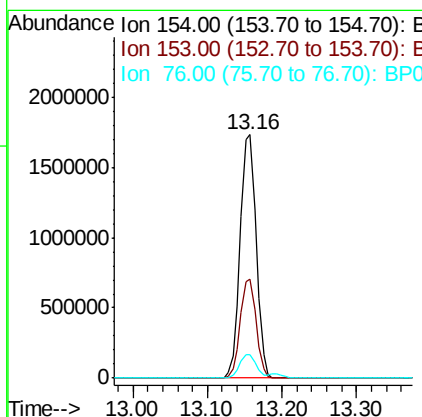
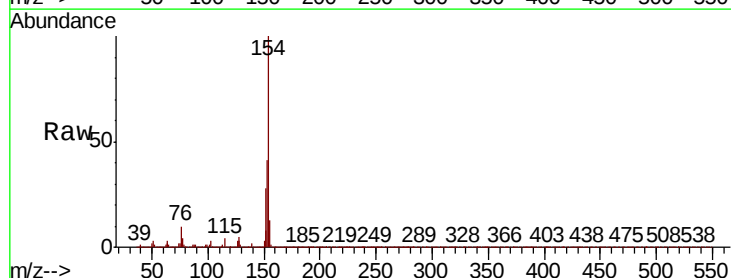
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

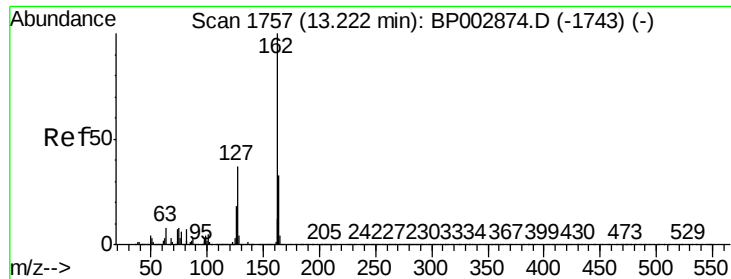
Tot Ion:172 Resp: 4081289
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.643 ng
RT: 13.16 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:154 Resp: 2567467
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 9.6 0.0 30.1

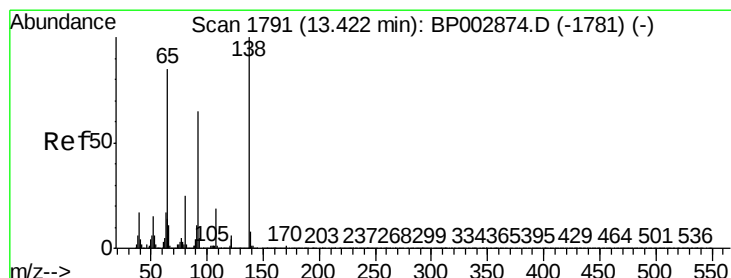
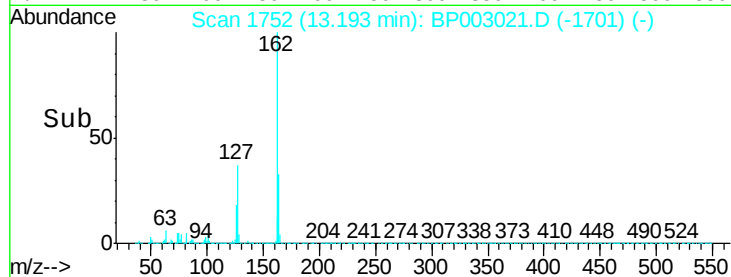
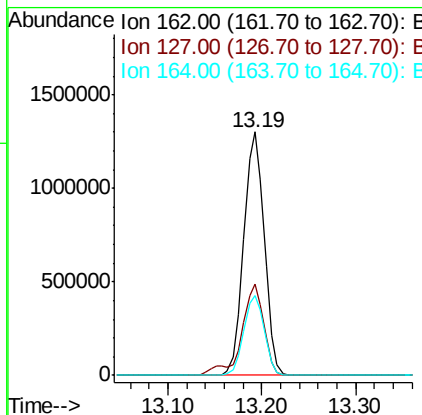
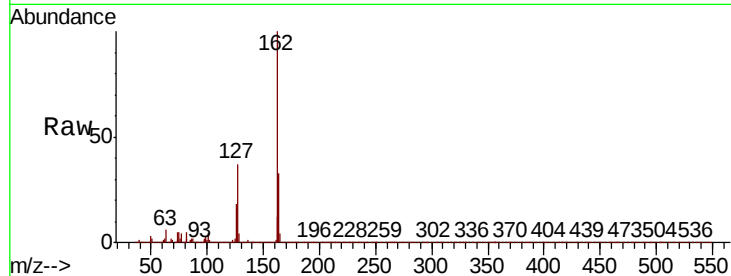




#47
 2-Chloronaphthalene
 Concen: 40.609 ng
 RT: 13.19 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

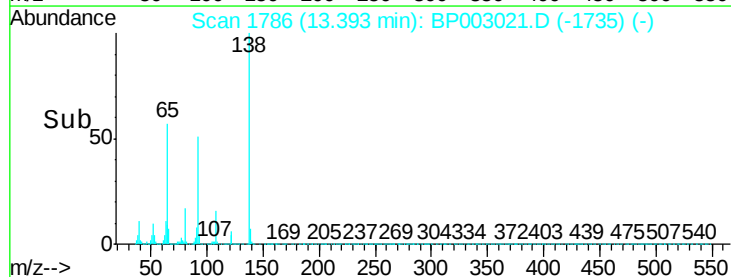
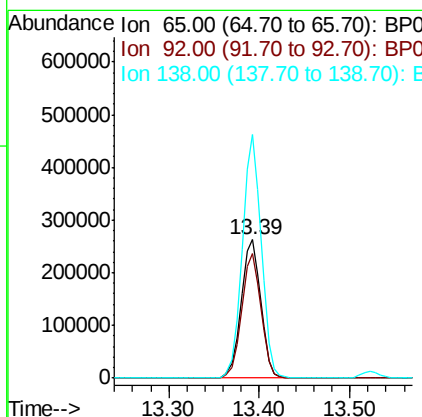
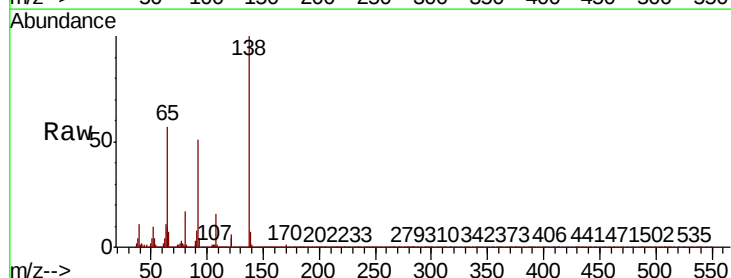
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

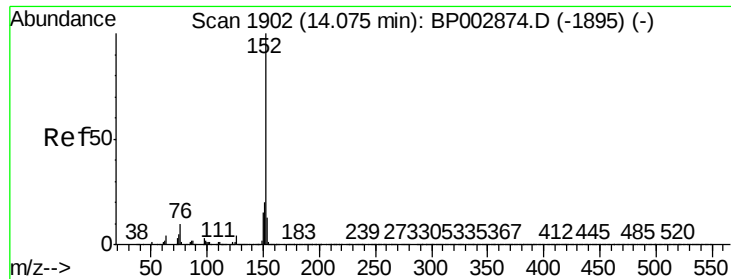
Tot Ion:162 Resp: 1960563
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.6 46.0
 164 32.8 26.5 39.7



#48
 2-Nitroaniline
 Concen: 34.204 ng
 RT: 13.39 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

Tgt Ion: 65 Resp: 396917
 Ion Ratio Lower Upper
 65 100
 92 90.1 70.1 105.1
 138 176.0 129.7 194.5





#49

Acenaphthylene

Concen: 42.091 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

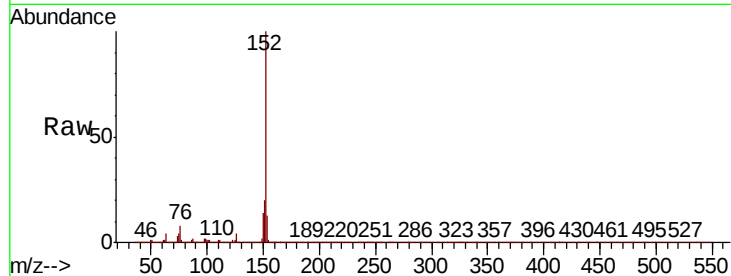
BNA_P

ClientSampleId :

CL-02-081420MS

Tot Ion:152 Resp: 3186952

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7
153	13.5	10.7	16.1

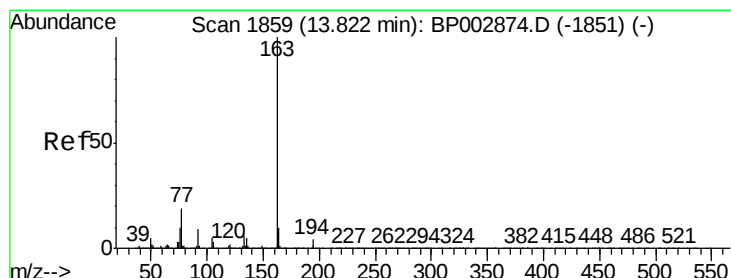
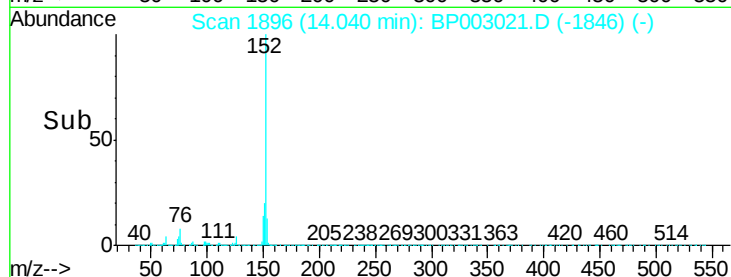
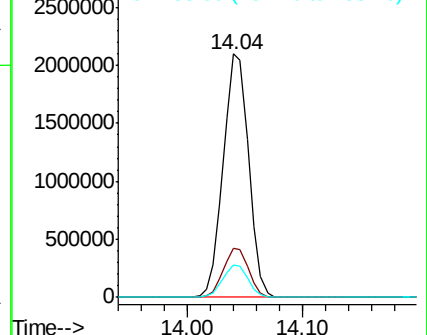


Abundance

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: 52.882 ng

RT: 13.79 min Scan# 1853

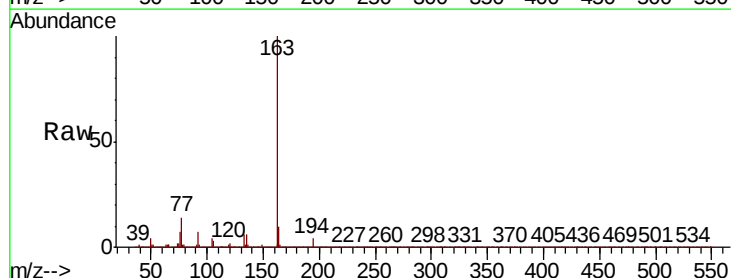
Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Tgt Ion:163 Resp: 3084652

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.1	12.1

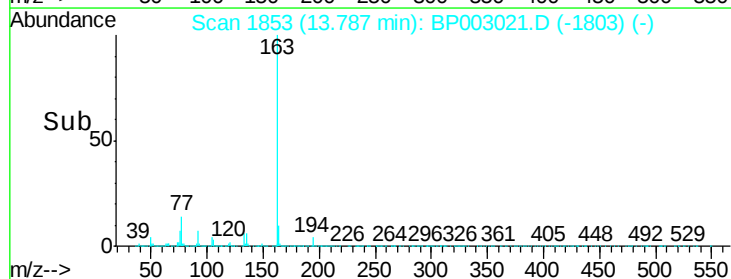
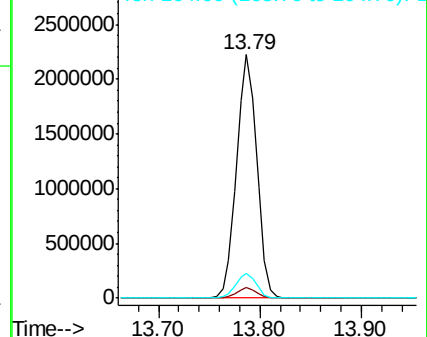


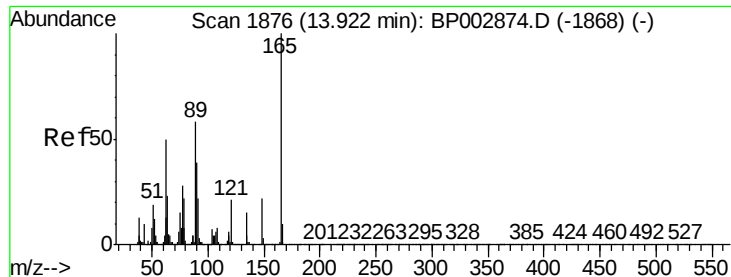
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

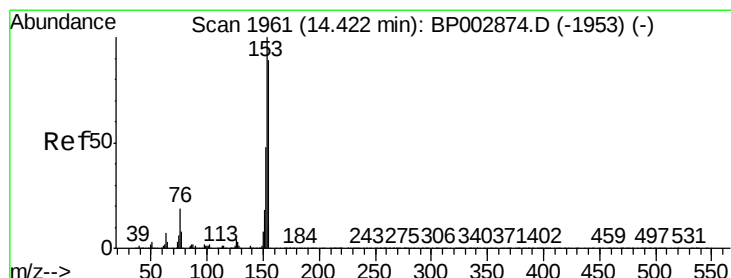
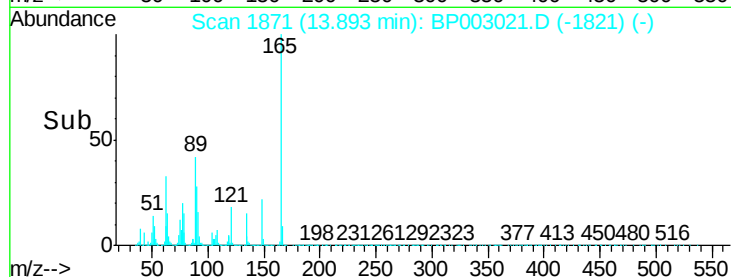
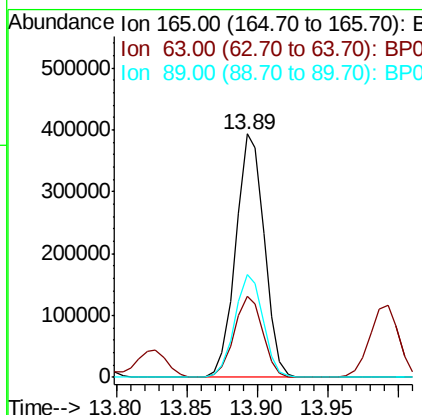
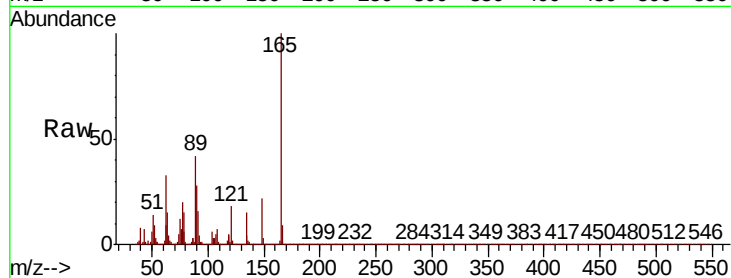




#51
 2,6-Dinitrotoluene
 Concen: 42.275 ng
 RT: 13.89 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

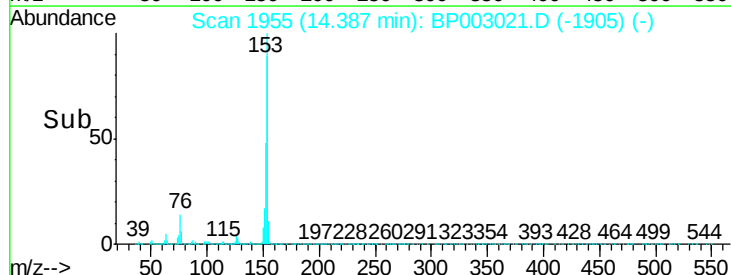
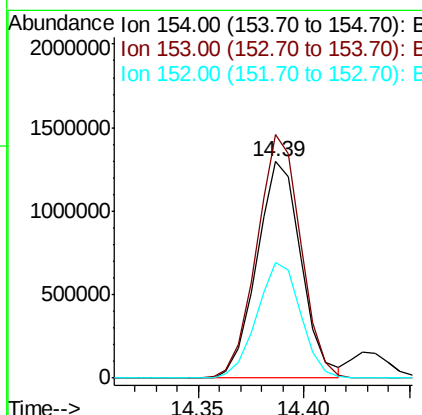
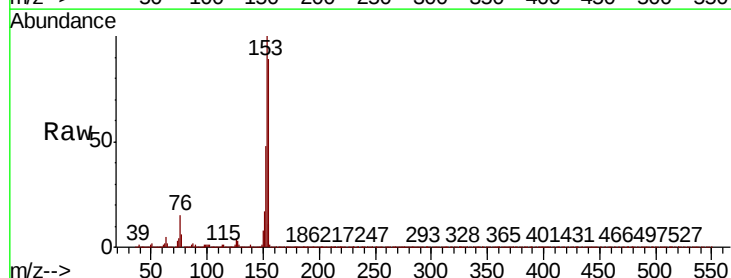
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

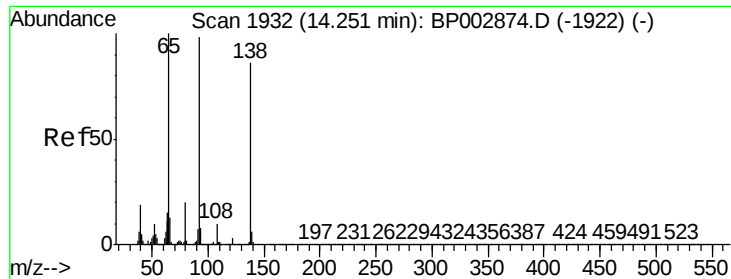
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.2	28.1	42.1
89	42.4	34.5	51.7



#52
 Acenaphthene
 Concen: 38.929 ng
 RT: 14.39 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.5	134.3
152	53.6	42.7	64.1

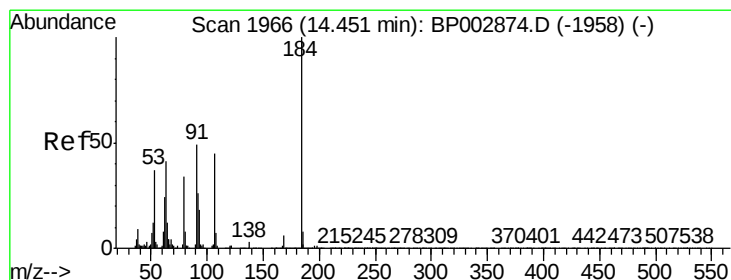
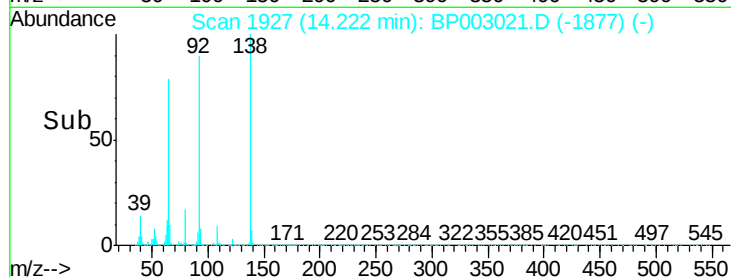
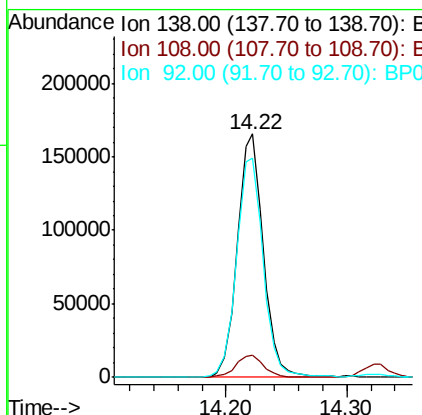
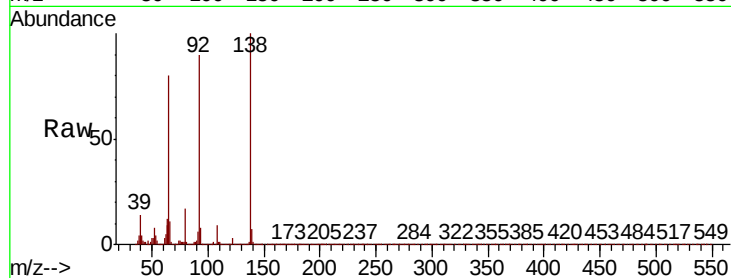




#53
3-Nitroaniline
Concen: 20.022 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

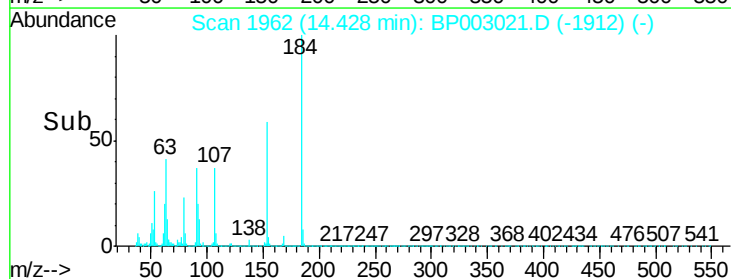
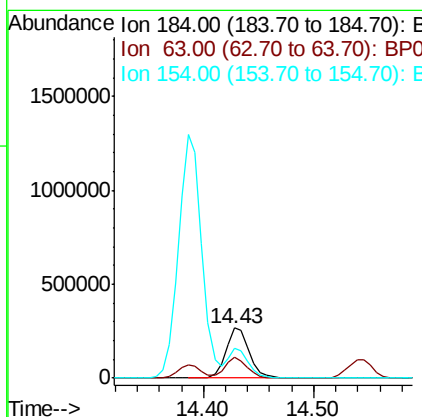
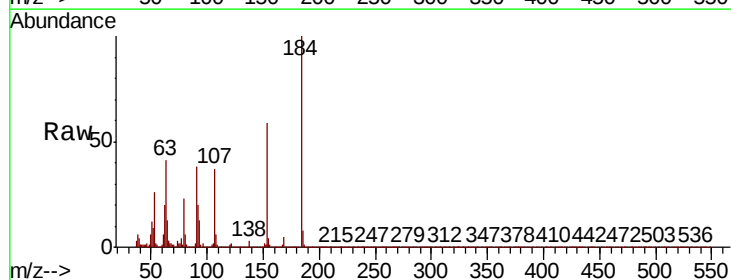
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

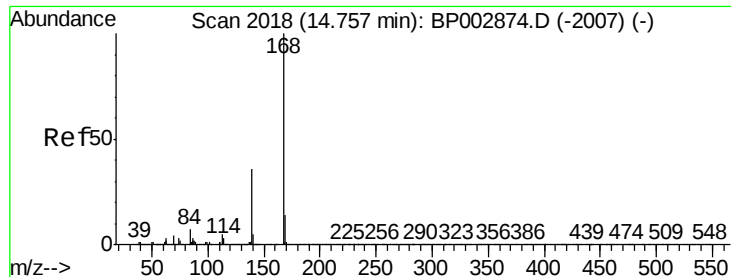
Tot Ion:138 Resp: 248173
Ion Ratio Lower Upper
138 100
108 9.3 7.7 11.5
92 90.2 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 72.357 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:184 Resp: 396078
Ion Ratio Lower Upper
184 100
63 40.7 33.0 49.6
154 58.5 46.8 70.2

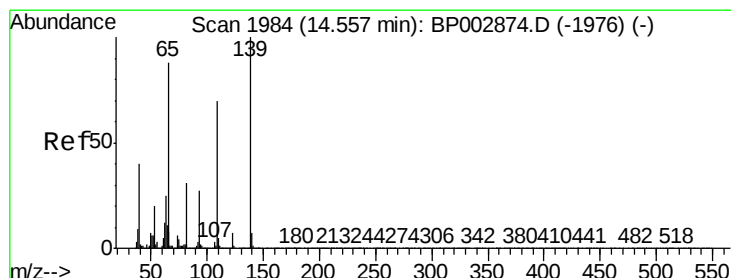
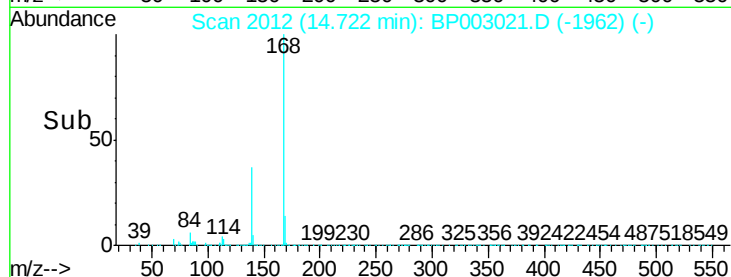
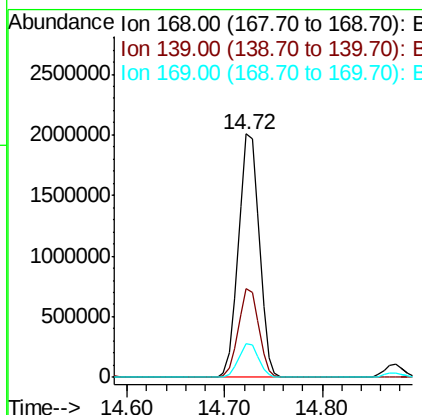
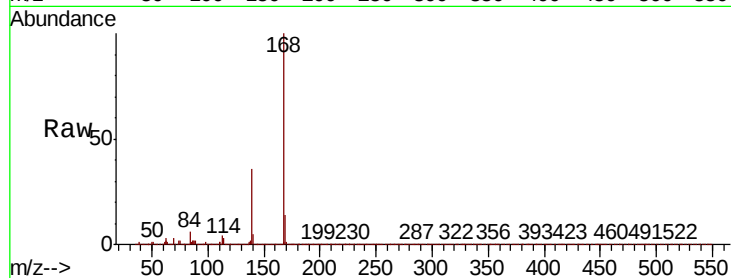




#55
Dibenzofuran
Concen: 39.745 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

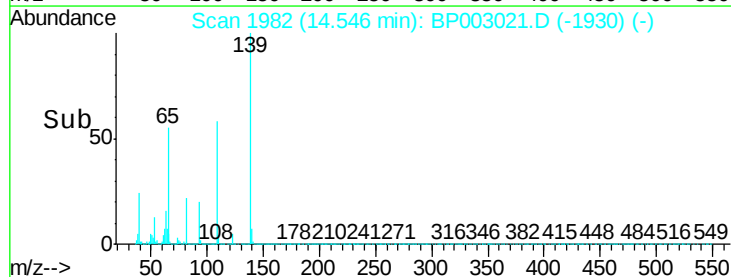
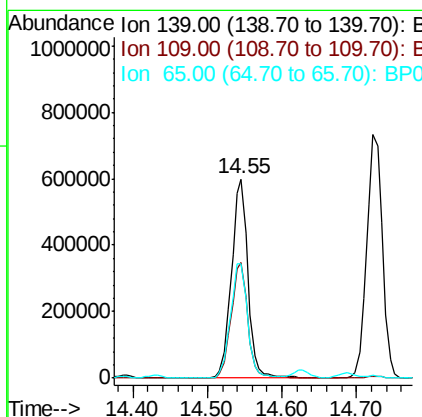
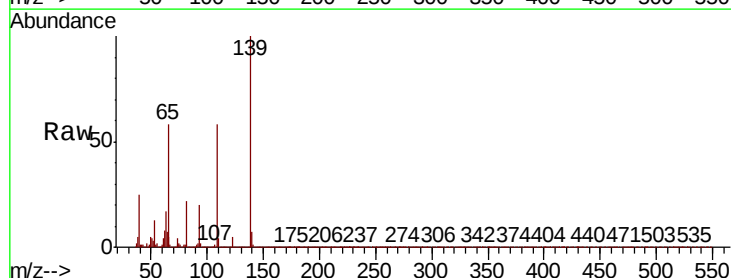
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

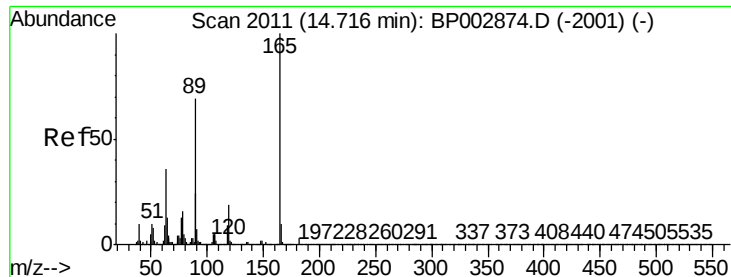
Tot Ion:168 Resp: 2966809
Ion Ratio Lower Upper
168 100
139 36.5 30.4 45.6
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 90.057 ng
RT: 14.55 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:139 Resp: 931507
Ion Ratio Lower Upper
139 100
109 57.8 41.1 81.1
65 57.5 44.4 84.4

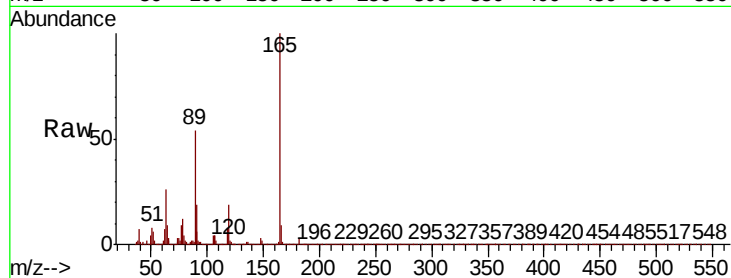




#57
2,4-Dinitrotoluene
Concen: 43.996 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

Tot Ion:165	Resp:	756437
Ion	Ratio	Lower Upper
165	100	
63	26.3	20.6 31.0
89	54.4	43.4 65.0
182	2.9	2.3 3.5

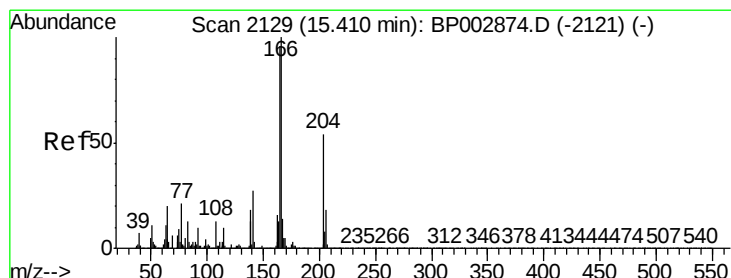
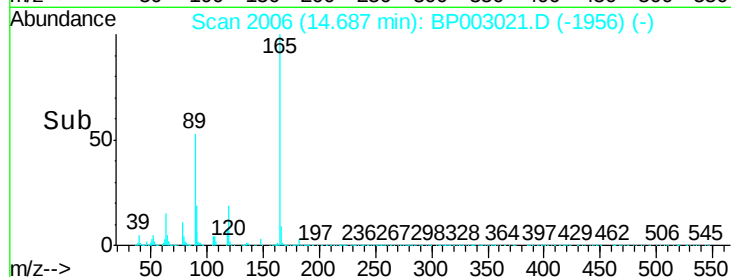
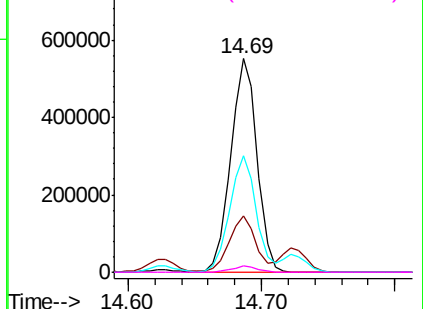


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

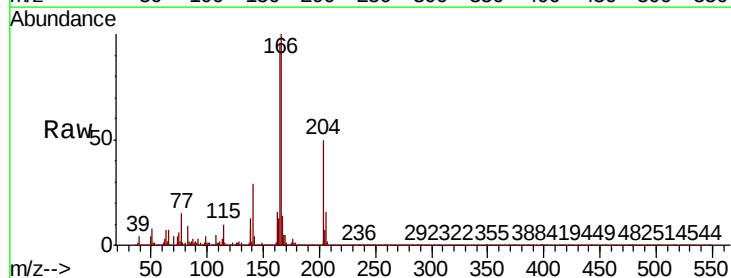
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.448 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

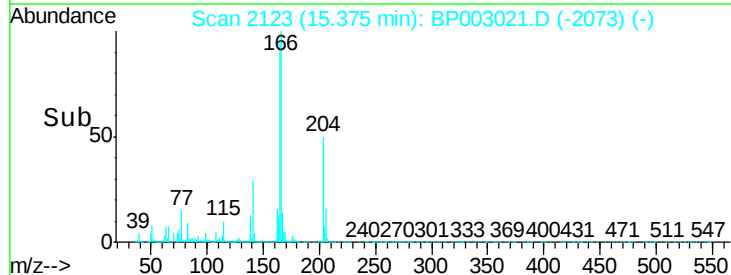
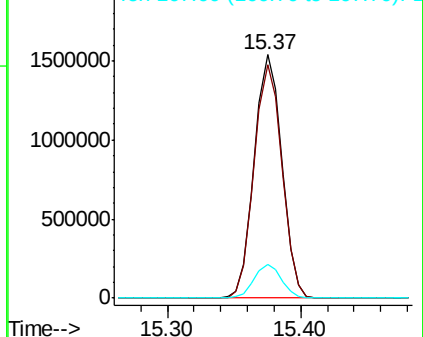
Tgt Ion:166	Resp:	2188593
Ion	Ratio	Lower Upper
166	100	
165	95.9	78.1 117.1
167	13.8	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.901 ng

RT: 14.96 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

Tot Ion:232 Resp: 638716

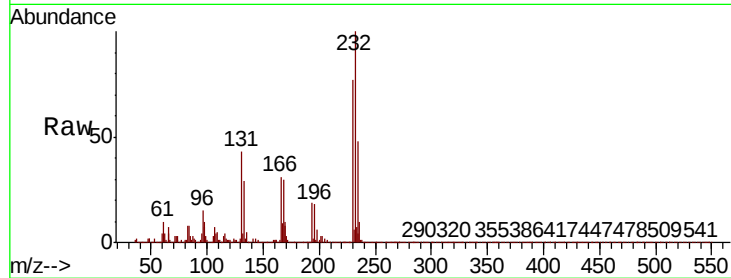
Ion Ratio Lower Upper

232 100

131 43.7 35.4 53.2

130 2.2 1.8 2.6

166 31.1 25.3 37.9

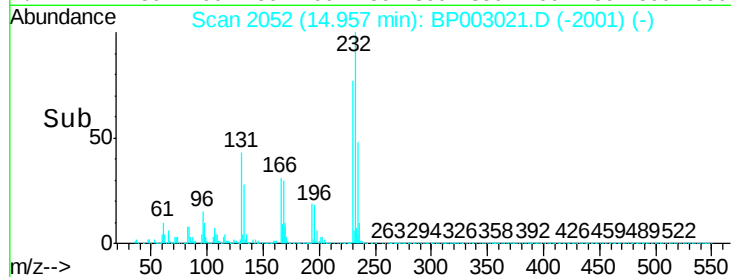


Abundance Ion 232.00 (231.70 to 232.70): E

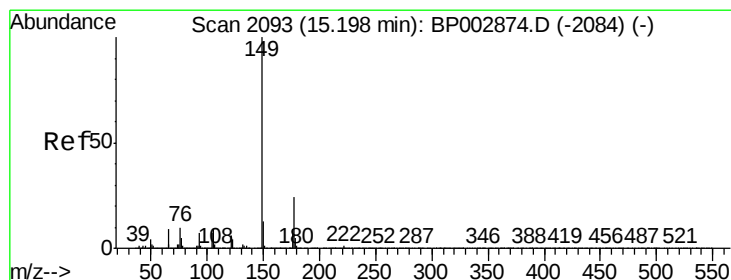
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 43.766 ng

RT: 15.16 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

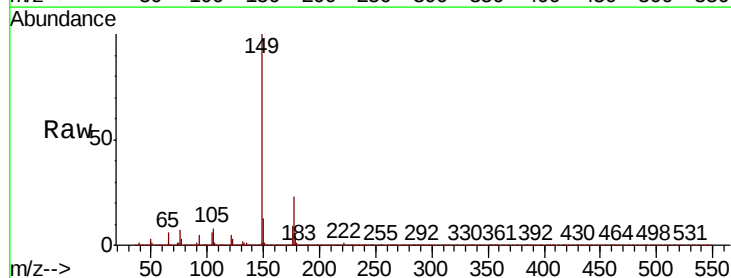
Tgt Ion:149 Resp: 2494611

Ion Ratio Lower Upper

149 100

177 22.9 18.6 27.8

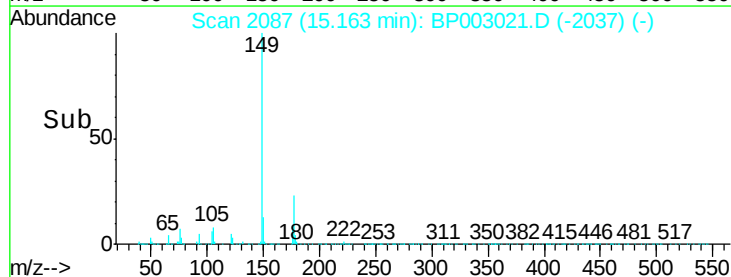
150 12.6 10.2 15.4



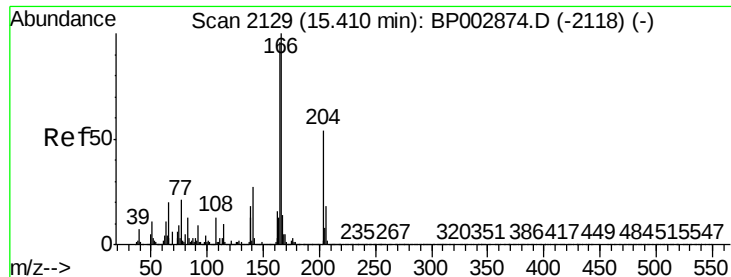
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



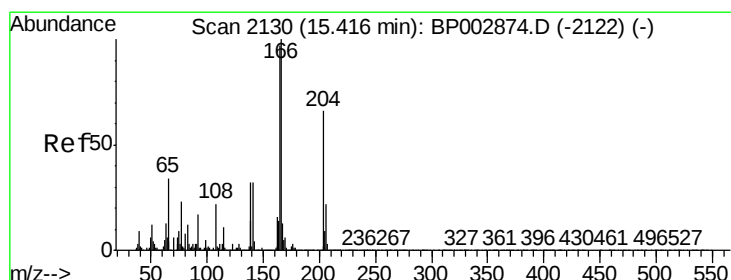
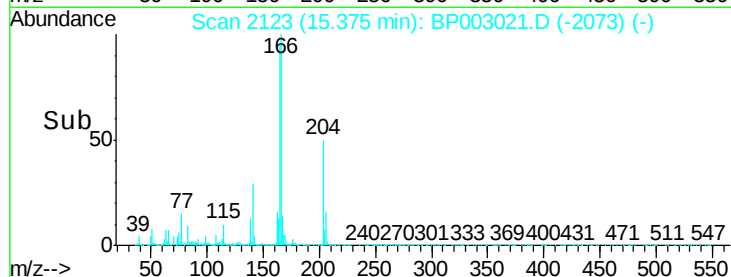
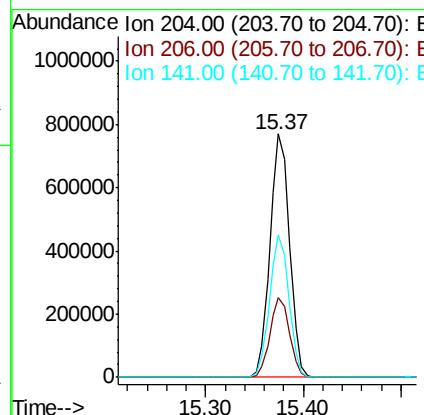
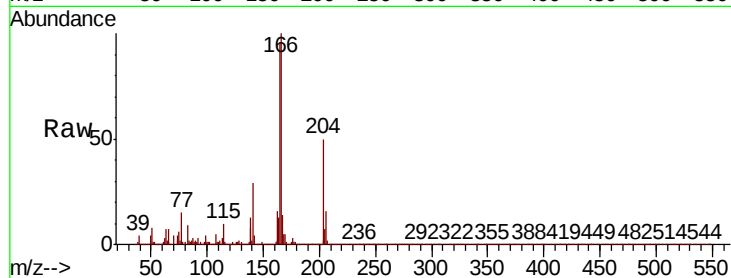
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 36.179 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

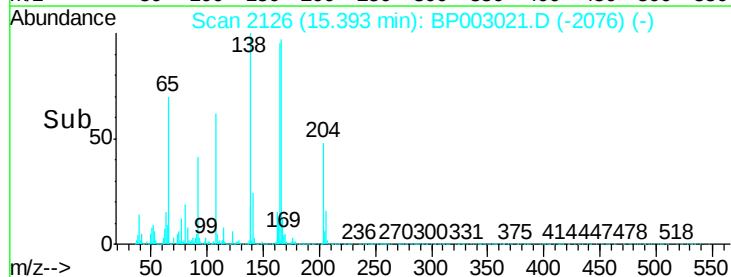
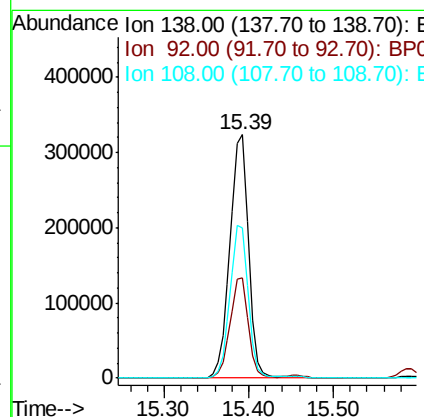
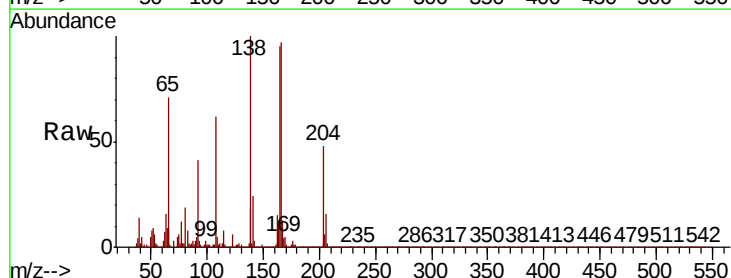
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

Tot Ion:204 Resp: 1088232
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 58.5 45.9 68.9



#62
4-Nitroaniline
Concen: 37.157 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:138 Resp: 495161
Ion Ratio Lower Upper
138 100
92 41.3 21.4 61.4
108 61.7 40.8 80.8

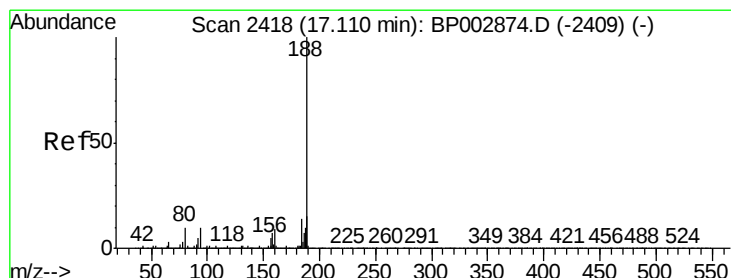
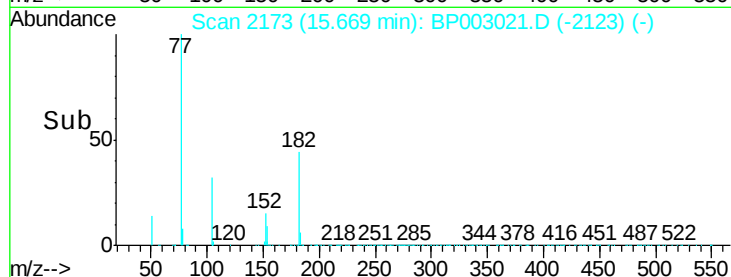
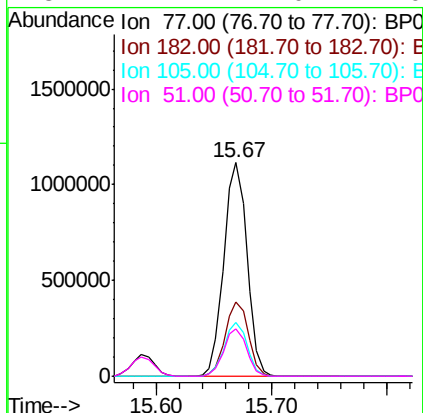
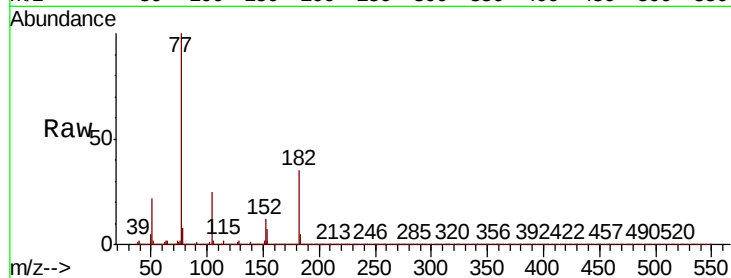




#63
Azobenzene
Concen: 27.021 ng
RT: 15.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

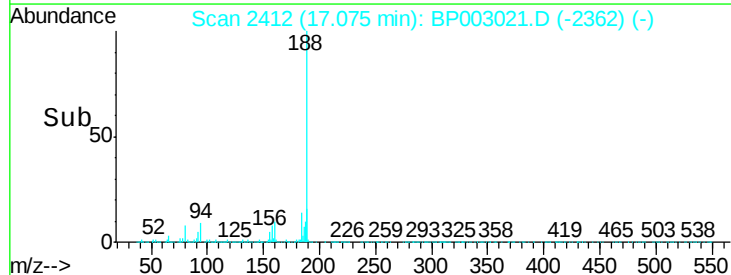
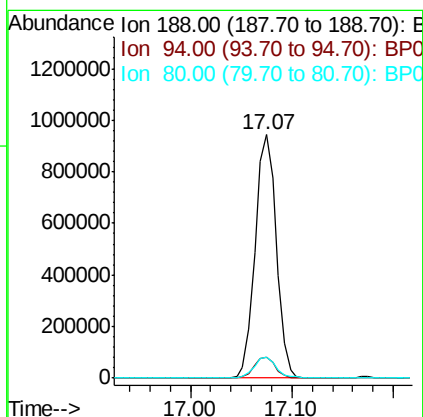
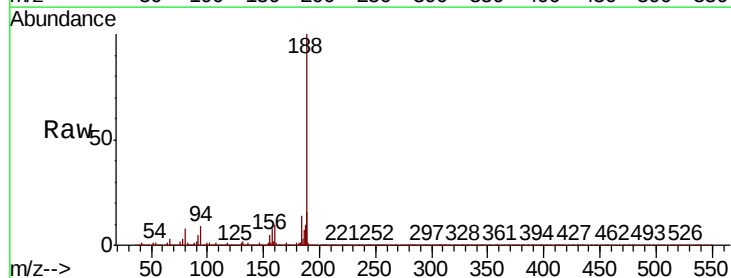
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

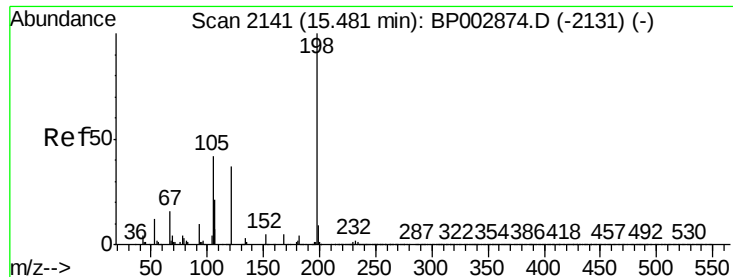
Tot Ion: 77 Resp: 1550546
Ion Ratio Lower Upper
77 100
182 35.0 15.4 55.4
105 25.3 5.8 45.8
51 22.2 1.0 41.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:188 Resp: 1366205
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 8.4 6.7 10.1

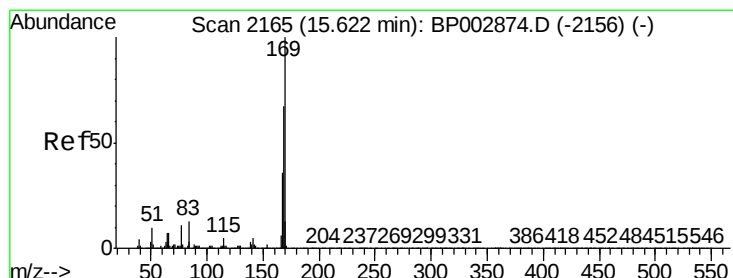
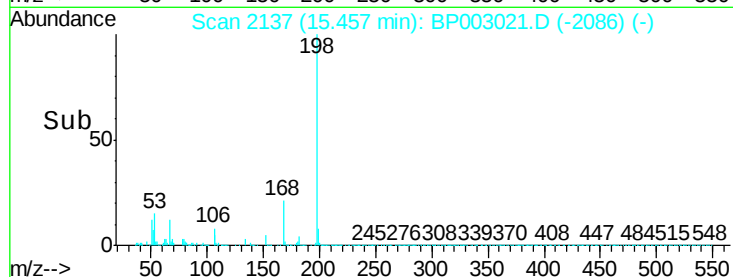
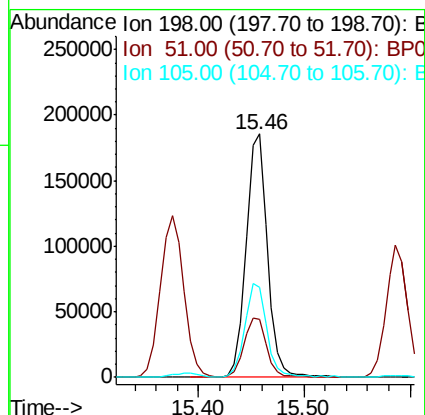
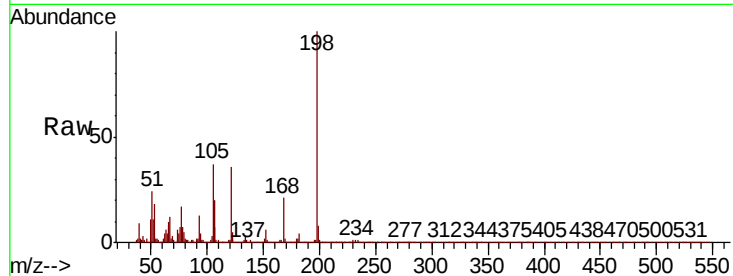




#65
4,6-Dinitro-2-methylphenol
Concen: 37.925 ng
RT: 15.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

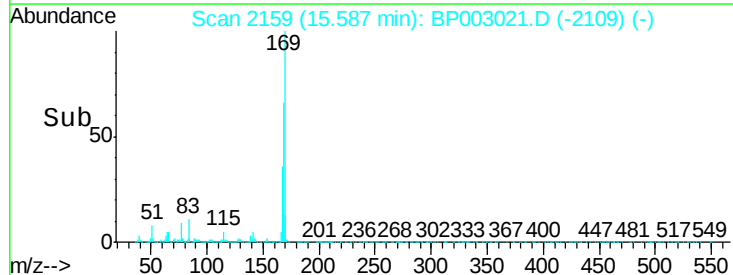
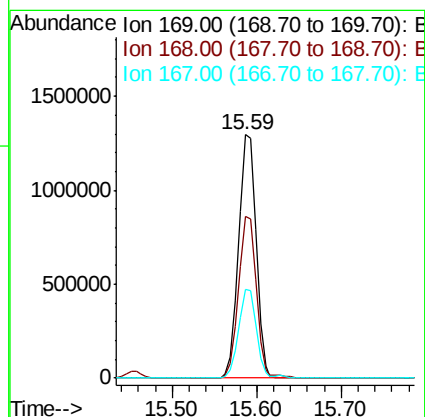
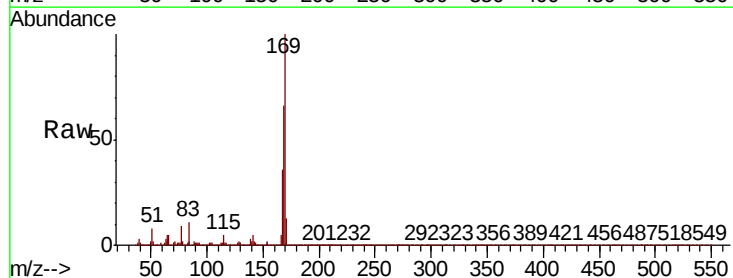
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

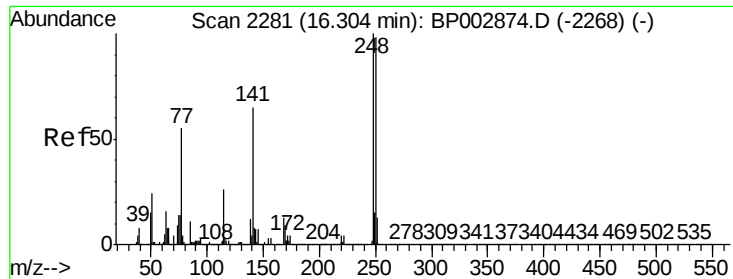
Tot Ion:198 Resp: 257922
Ion Ratio Lower Upper
198 100
51 24.0 6.2 46.2
105 37.0 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 40.370 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:169 Resp: 1826638
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.4 28.8 43.2

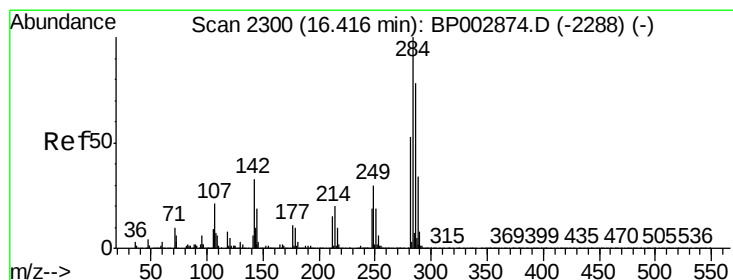
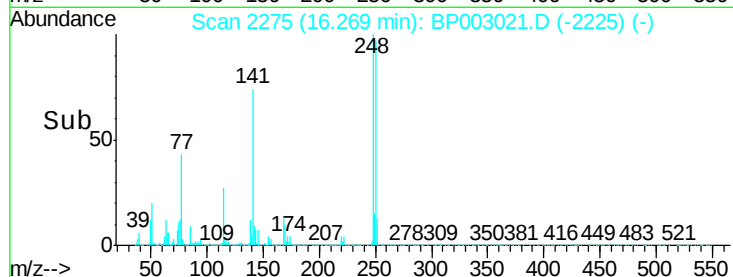
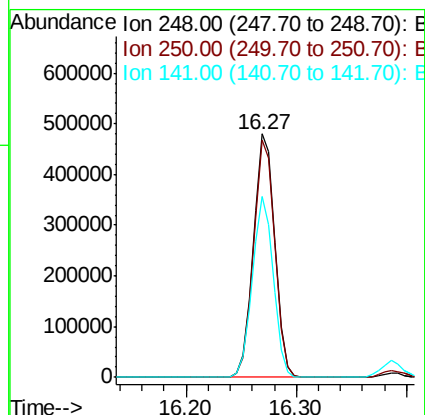
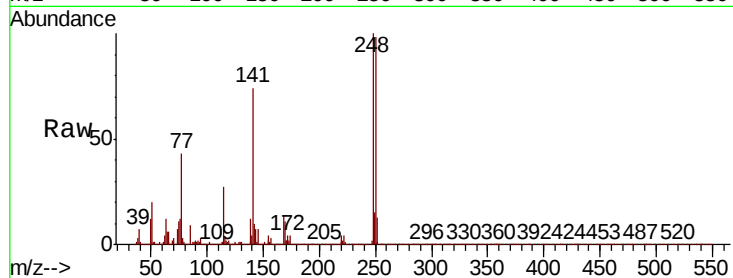




#67
4-Bromophenyl-phenylether
Concen: 39.212 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

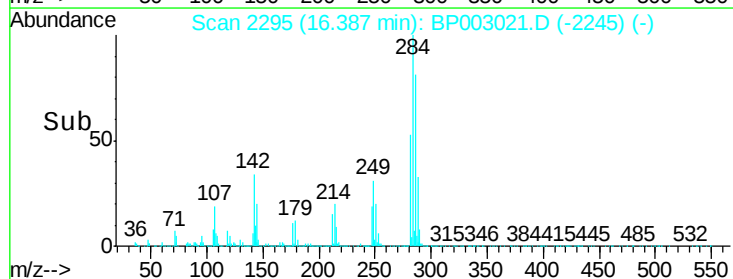
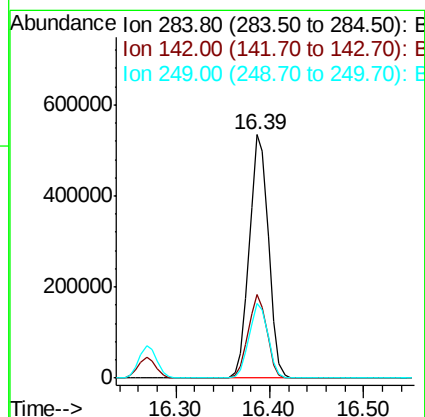
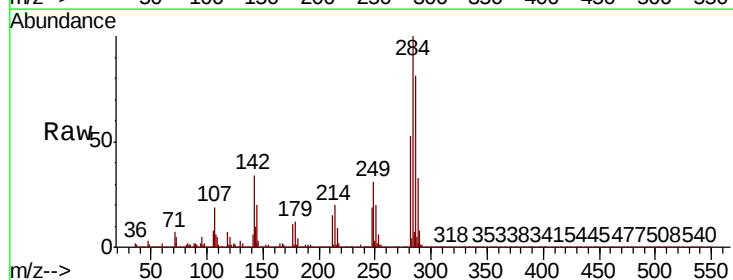
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

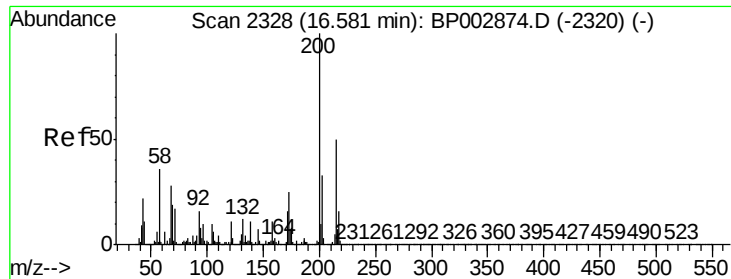
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.7	118.1
141	74.5	57.8	86.6



#68
Hexachlorobenzene
Concen: 38.948 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.6	41.4
249	30.7	24.6	37.0

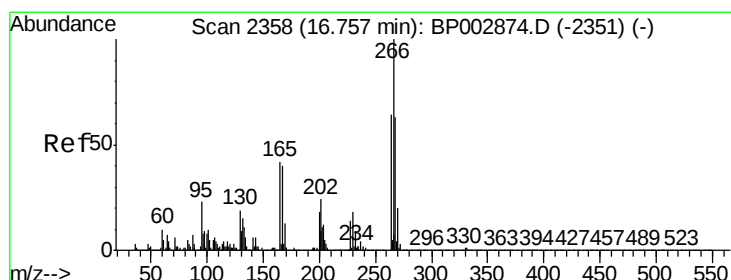
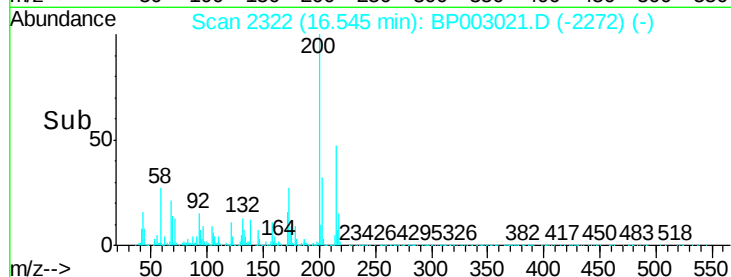
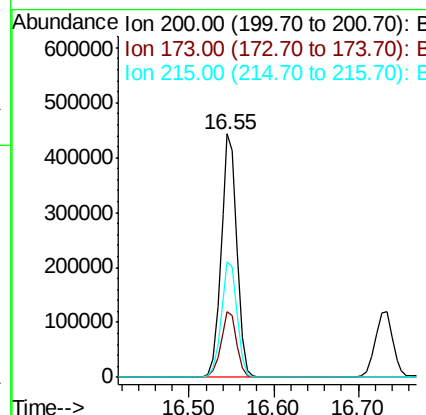
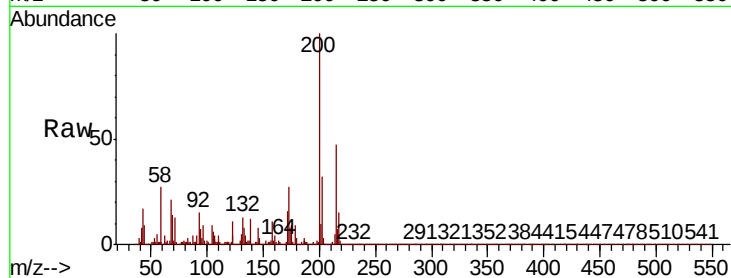




#69
Atrazine
Concen: 37.778 ng
RT: 16.55 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

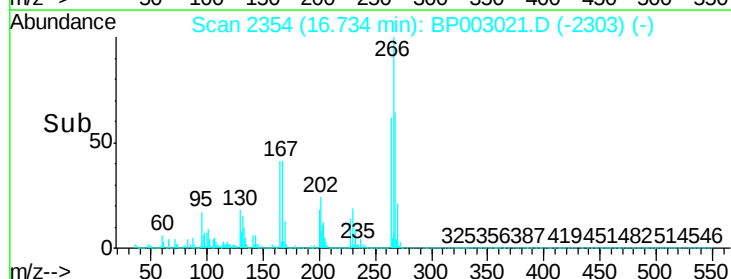
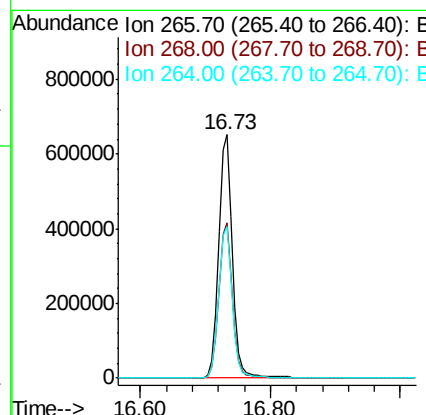
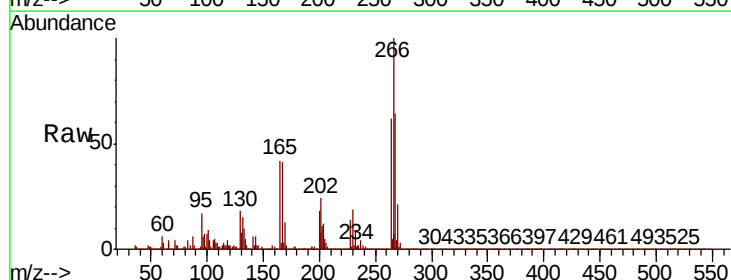
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

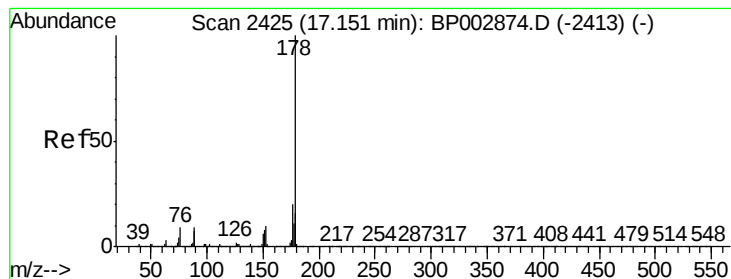
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.5	47.5
215	47.4	27.6	67.6



#70
Pentachlorophenol
Concen: 95.277 ng
RT: 16.73 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.9	76.3
264	62.4	50.4	75.6





#71

Phenanthrene

Concen: 40.932 ng

RT: 17.12 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

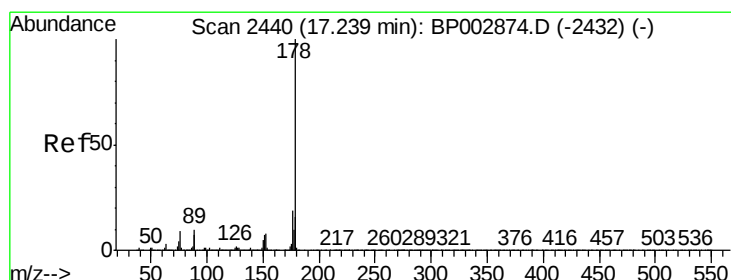
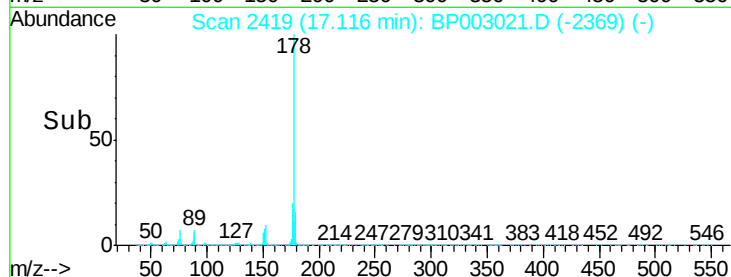
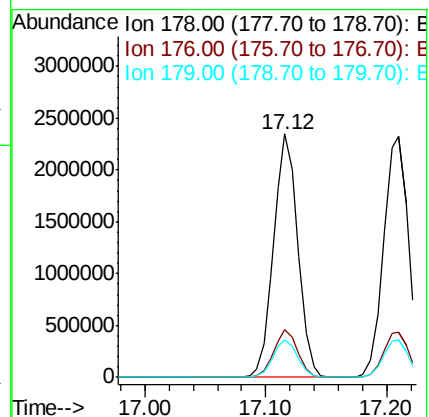
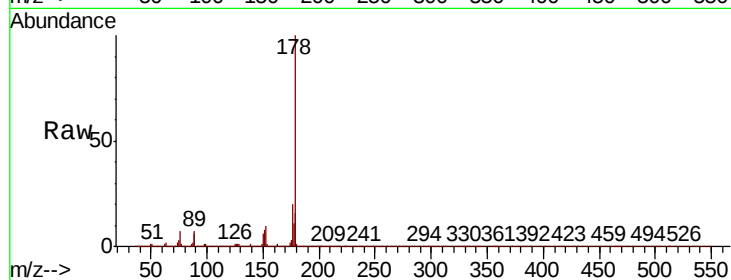
BNA_P

ClientSampleId :

CL-02-081420MS

Tot Ion:178 Resp: 3279238

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	12.9	19.3



#72

Anthracene

Concen: 42.751 ng

RT: 17.21 min Scan# 2435

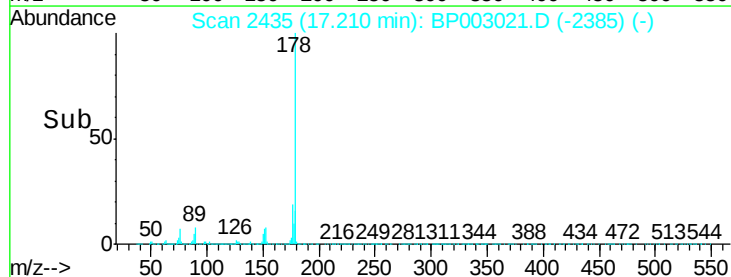
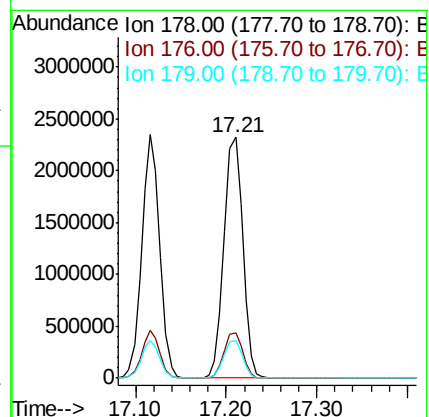
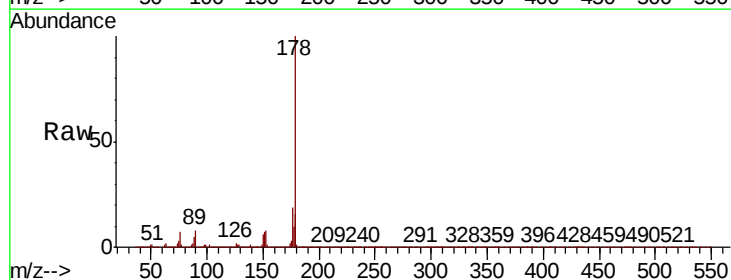
Delta R.T. -0.01 min

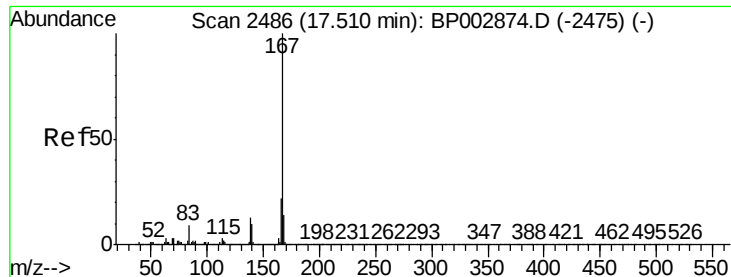
Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Tgt Ion:178 Resp: 3347429

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.8	12.7	19.1

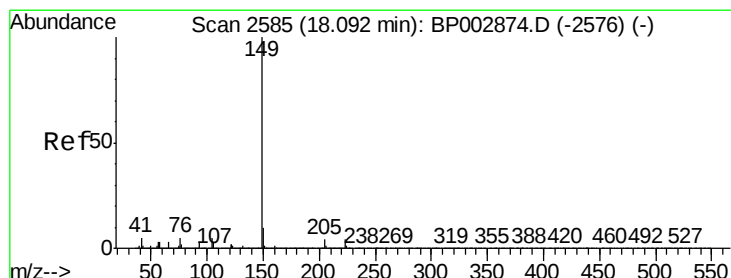
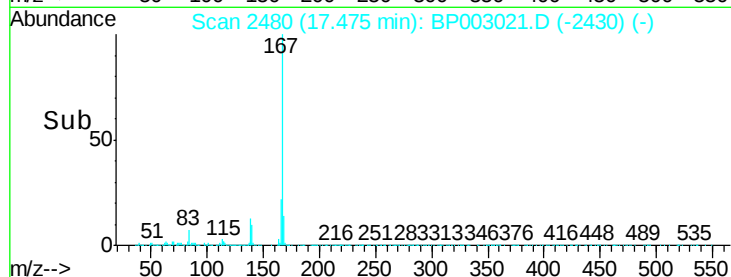
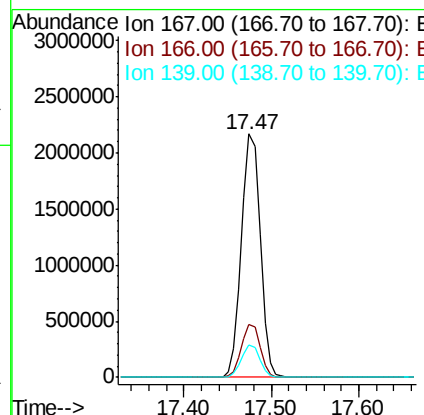
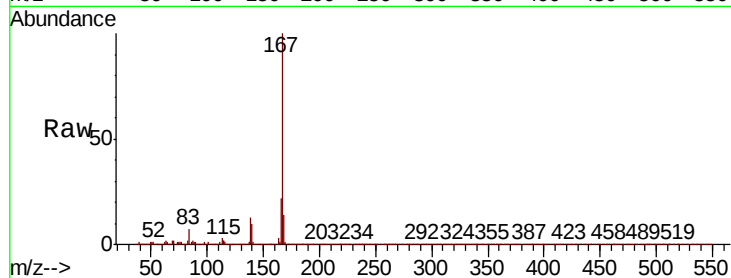




#73
 Carbazole
 Concen: 41.049 ng
 RT: 17.47 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

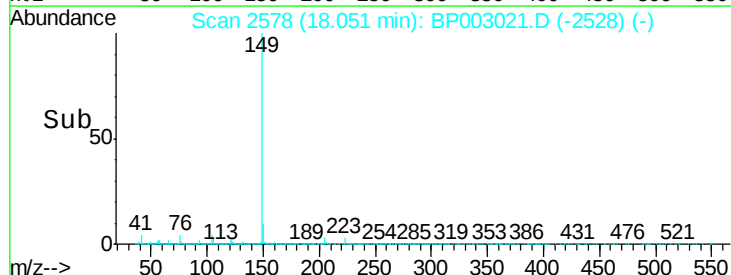
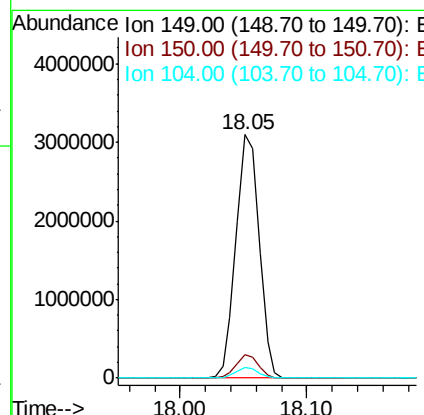
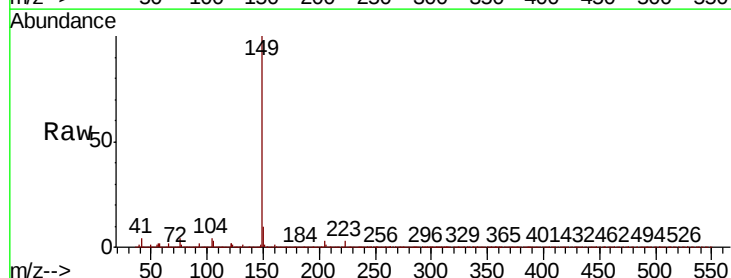
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

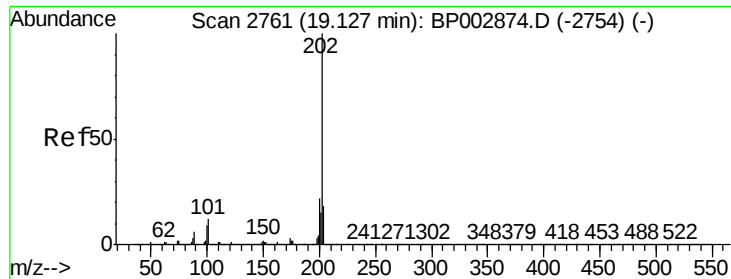
Tot Ion:167 Resp: 3138873
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.647 ng
 RT: 18.05 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

Tgt Ion:149 Resp: 3913110
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 42.620 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

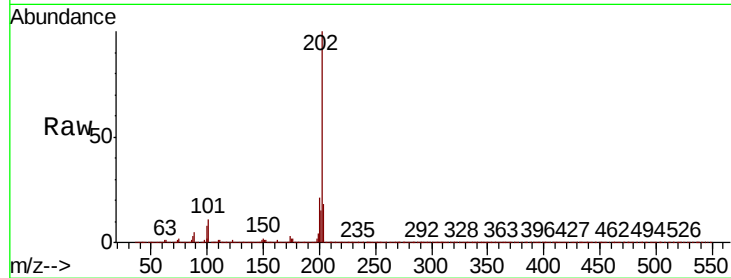
Tot Ion:202 Resp: 3933934

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.2

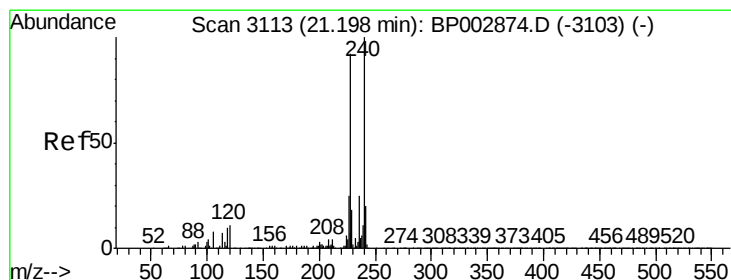
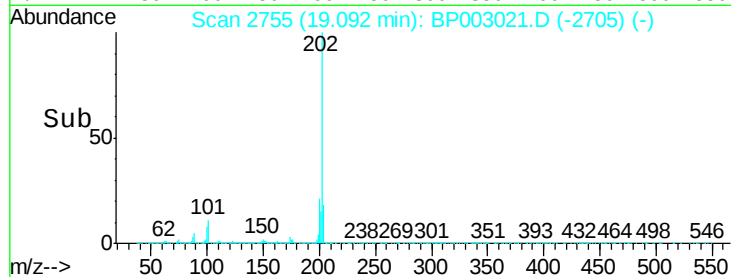
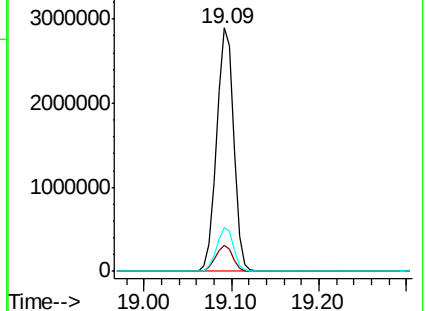
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

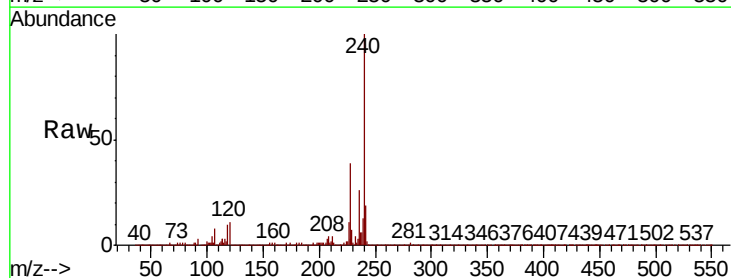
Tgt Ion:240 Resp: 1348633

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

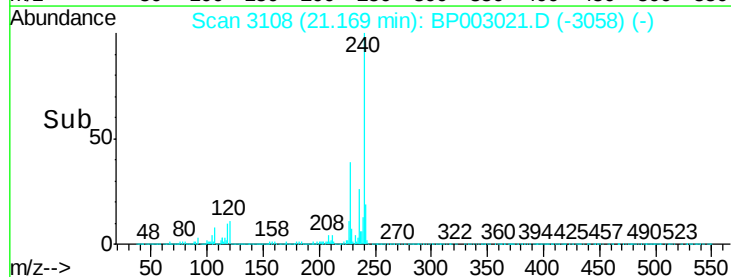
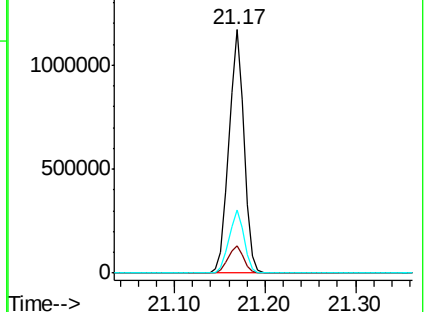
236 26.1 20.8 31.2

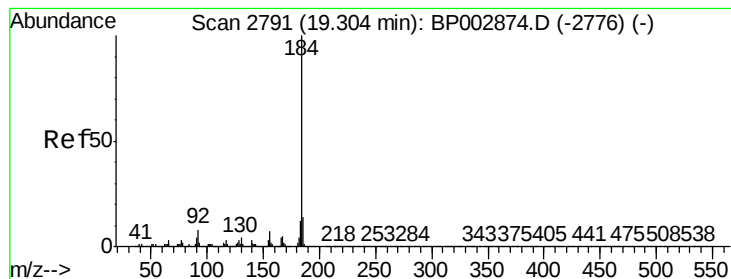


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.433 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

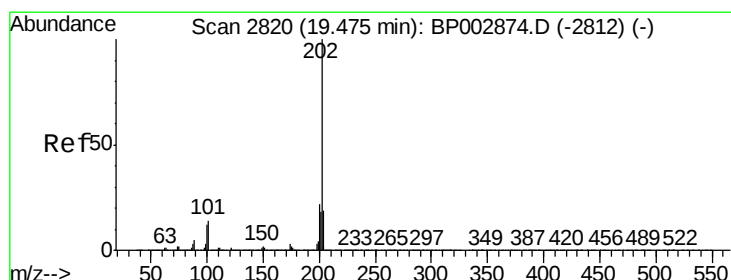
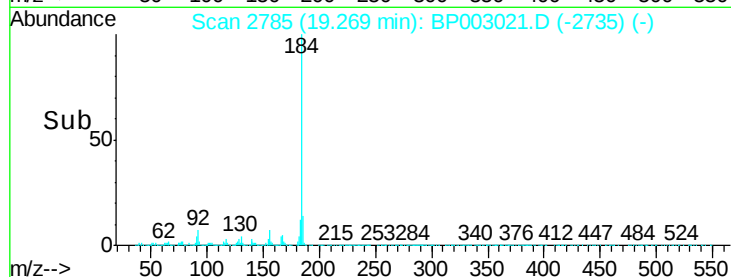
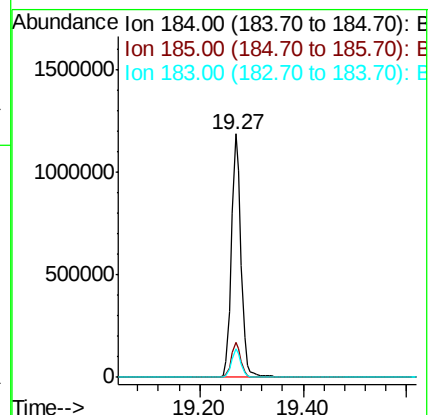
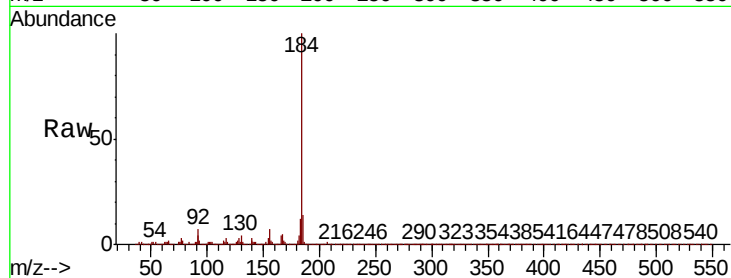
Tot Ion:184 Resp: 1539422

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.7	9.4	14.0

184 100

185 14.3 11.5 17.3

183 11.7 9.4 14.0



#78

Pyrene

Concen: 42.248 ng

RT: 19.45 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

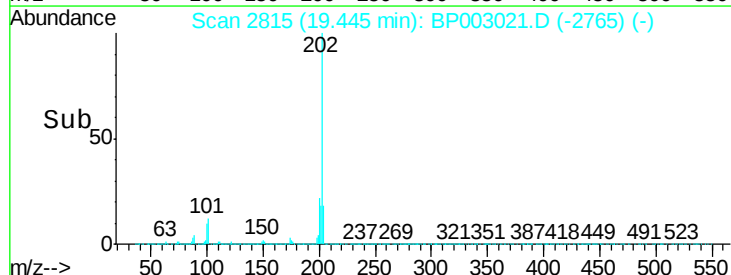
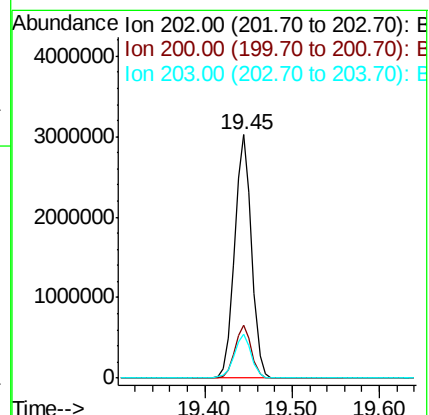
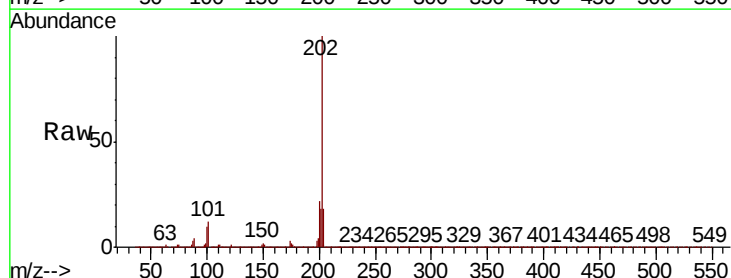
Tgt Ion:202 Resp: 3983109

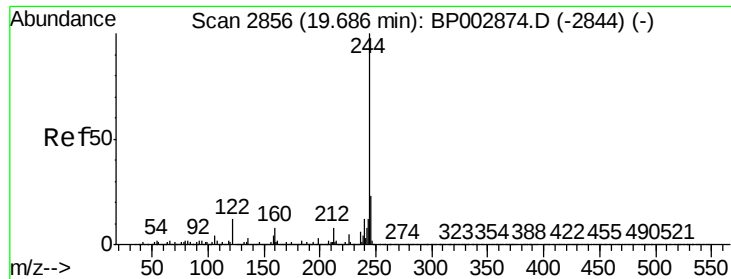
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	18.0	14.6	22.0

202 100

200 21.7 17.8 26.6

203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 71.985 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

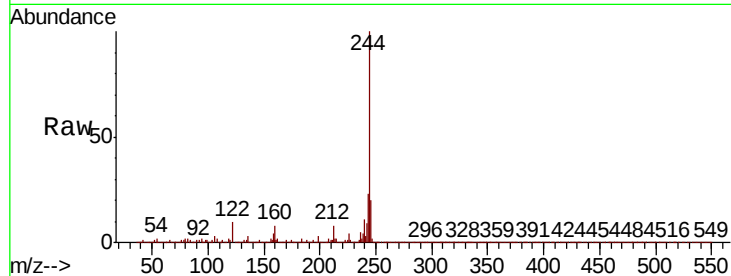
Tot Ion:244 Resp: 4849344

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

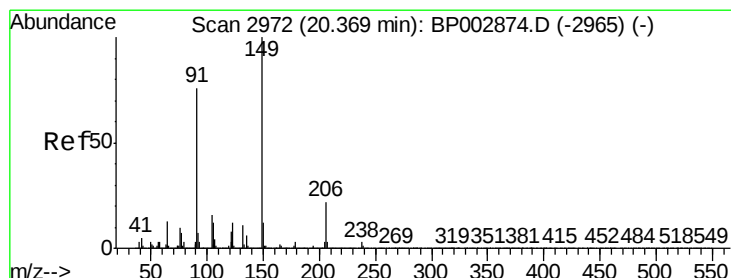
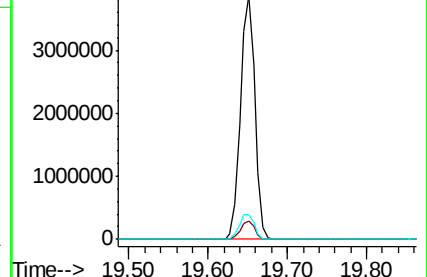
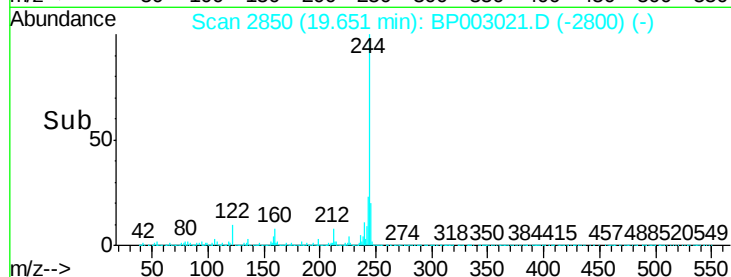
122 10.4 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.887 ng

RT: 20.33 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

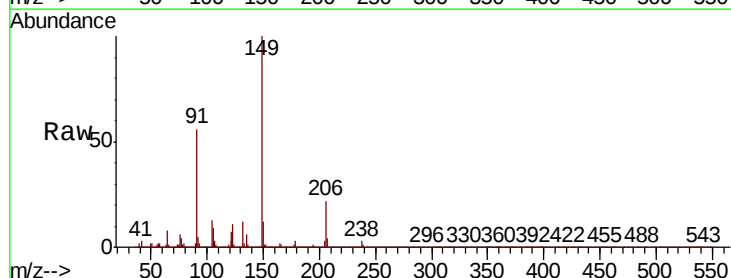
Tgt Ion:149 Resp: 1915489

Ion Ratio Lower Upper

149 100

91 56.1 45.3 67.9

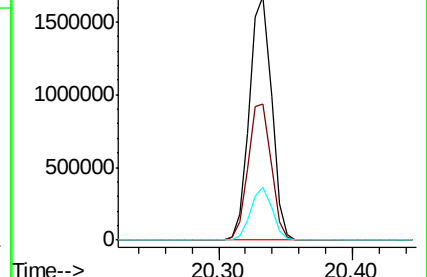
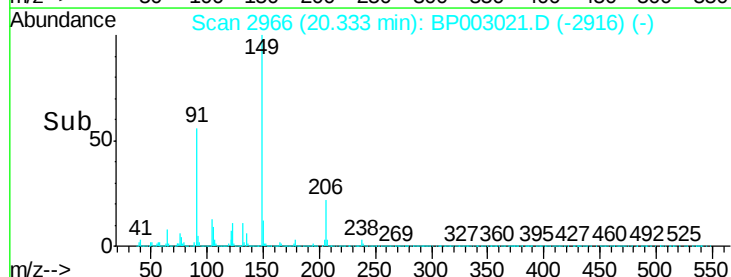
206 21.7 17.5 26.3

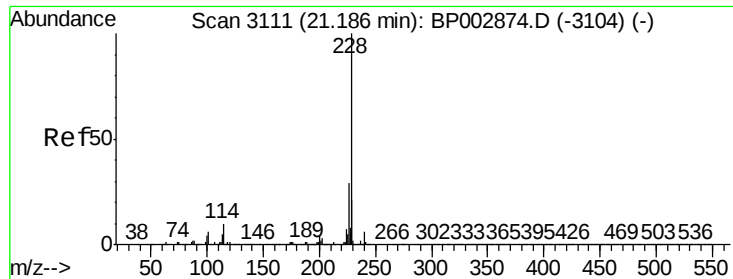


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.767 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

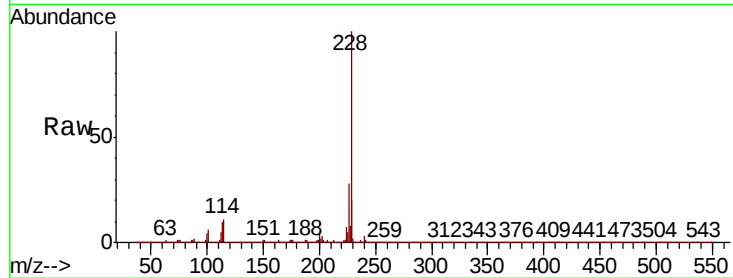
BNA_P

ClientSampleId :

CL-02-081420MS

Tot Ion:228 Resp: 3836851

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.4	16.5	24.7

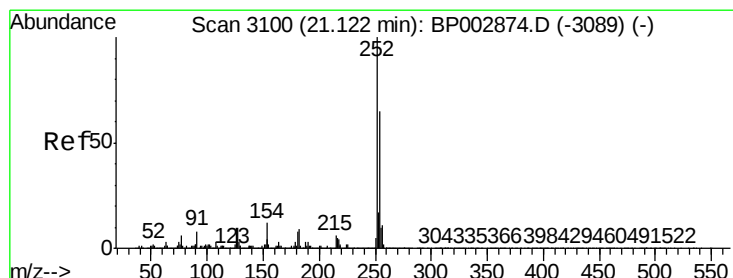
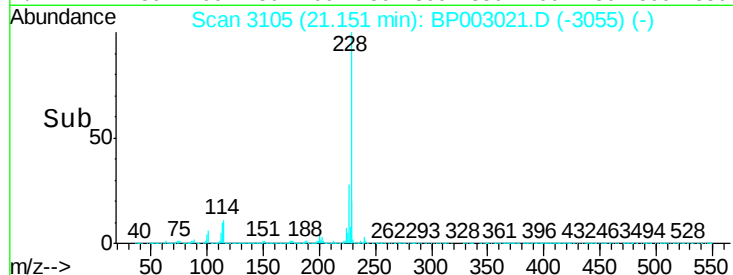
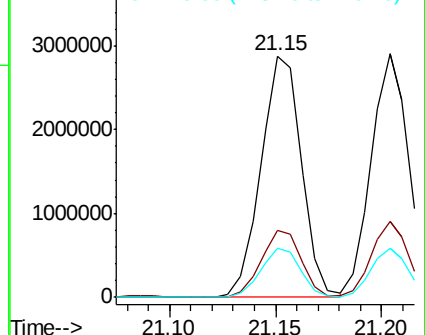


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.144 ng

RT: 21.09 min Scan# 3094

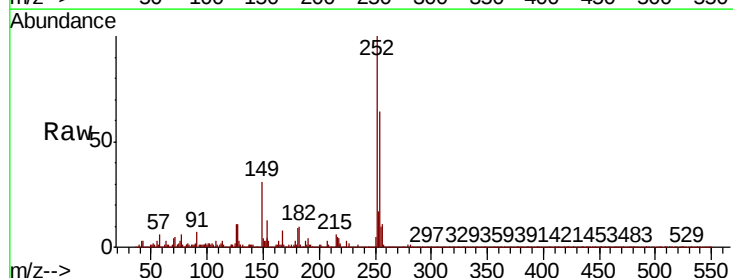
Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Tgt Ion:252 Resp: 1241479

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.6
126	10.9	9.4	14.0

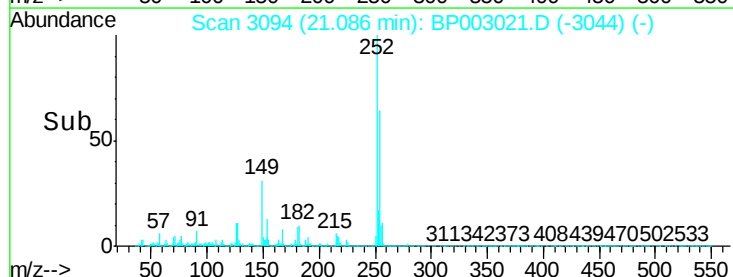
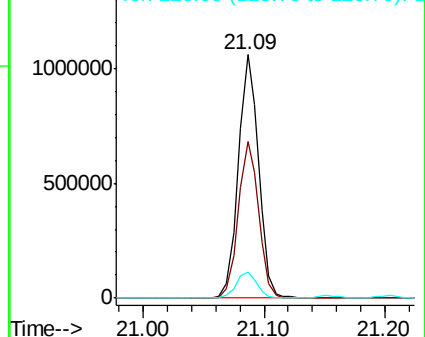


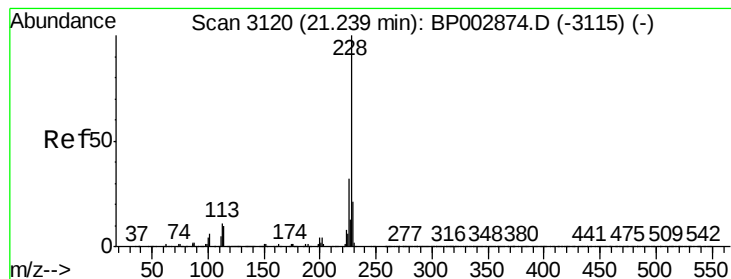
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.432 ng

RT: 21.20 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

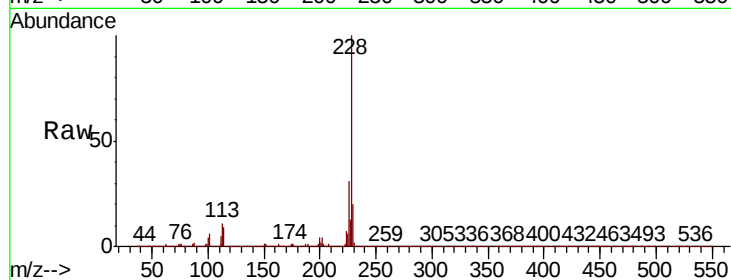
BNA_P

ClientSampleId :

CL-02-081420MS

Tot Ion:228 Resp: 3590298

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.2	16.3	24.5

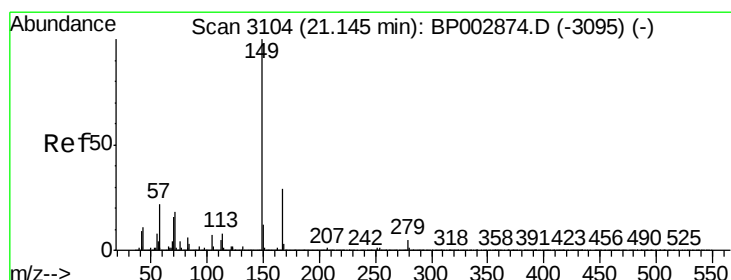
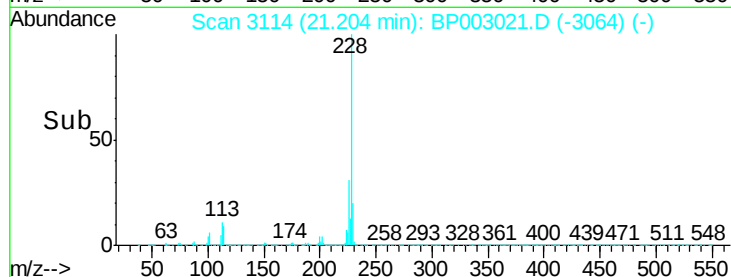
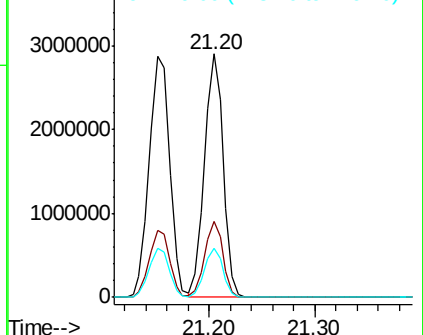


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.779 ng

RT: 21.10 min Scan# 3096

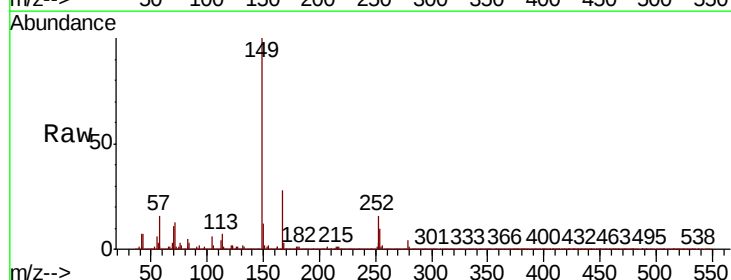
Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Tgt Ion:149 Resp: 2753868

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	4.5	3.8	5.8

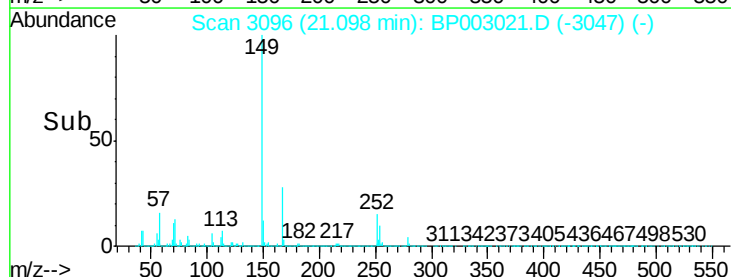
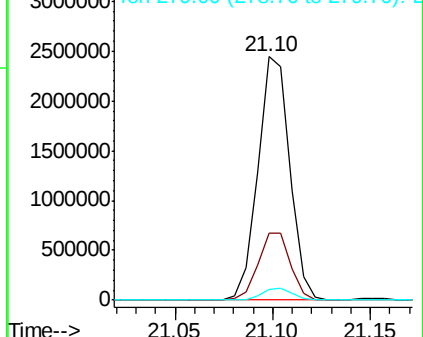


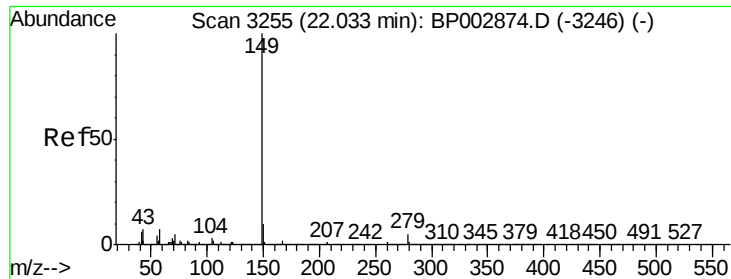
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

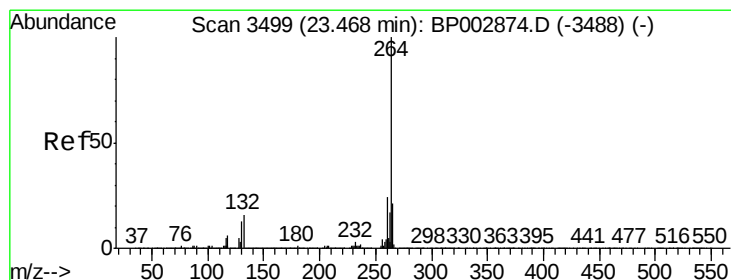
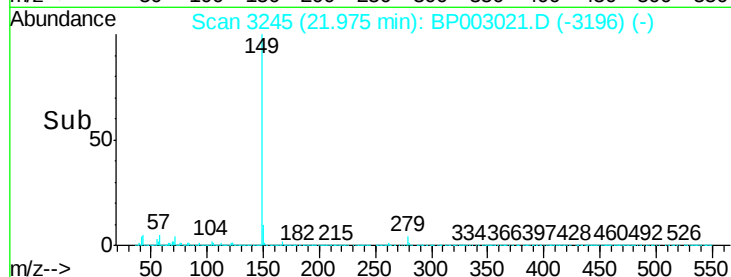
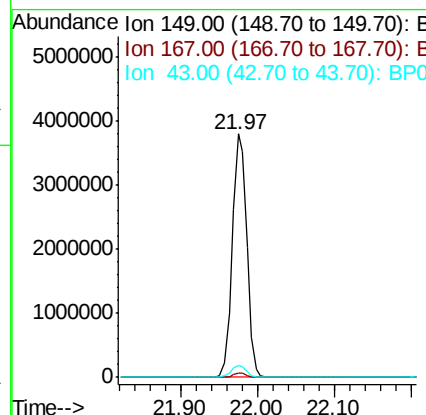
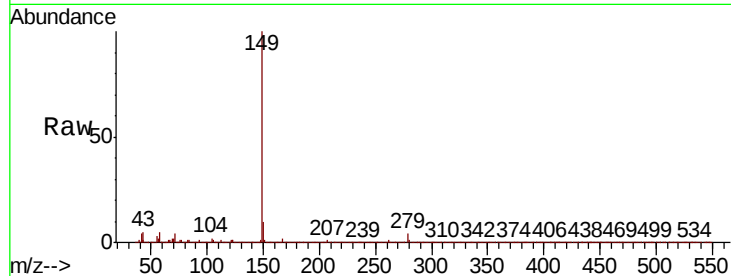




#85
Di-n-octyl phthalate
Concen: 57.955 ng
RT: 21.97 min Scan# 3245
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

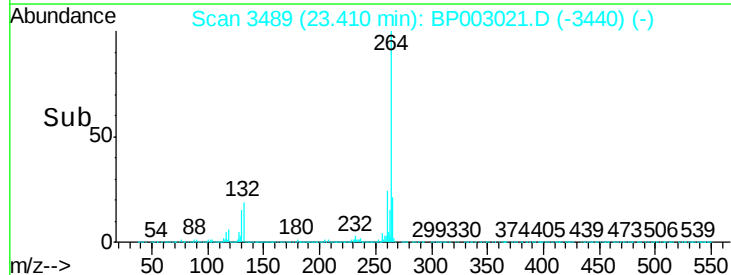
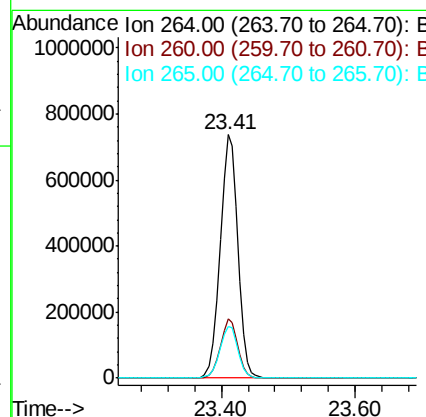
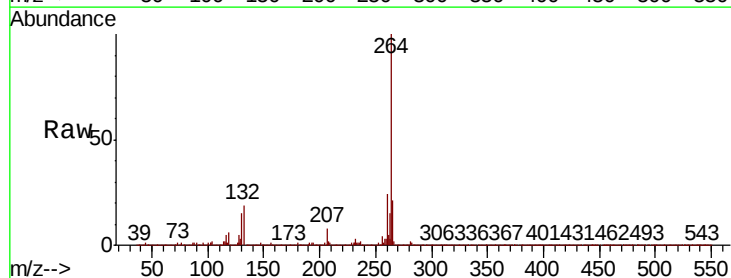
Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

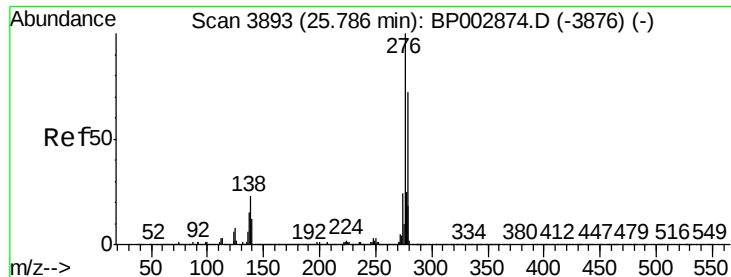
Tot Ion:149 Resp: 4967611
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 4.8 4.0 6.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003021.D
Acq: 18 Aug 2020 17:23

Tgt Ion:264 Resp: 1373445
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.4 17.3 25.9

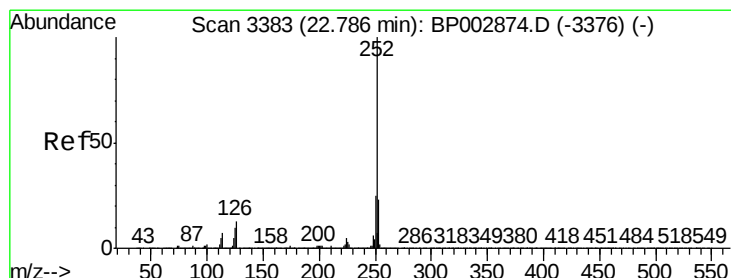
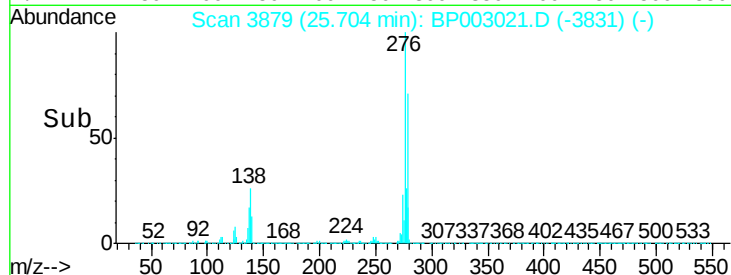
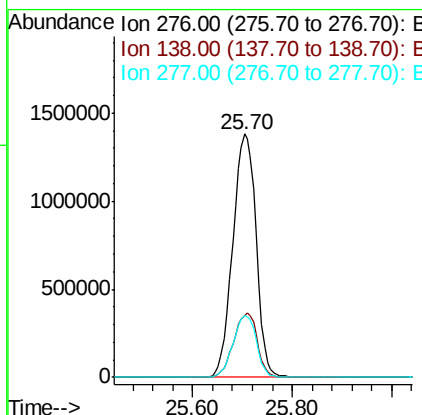
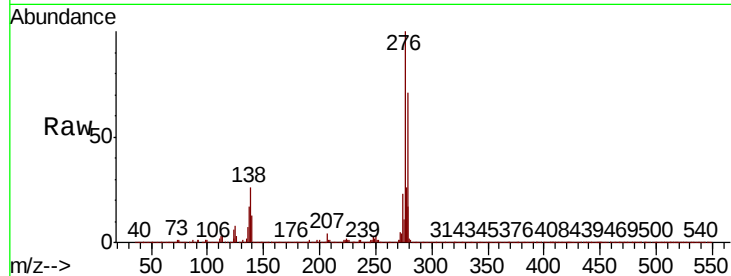




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.807 ng
 RT: 25.70 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

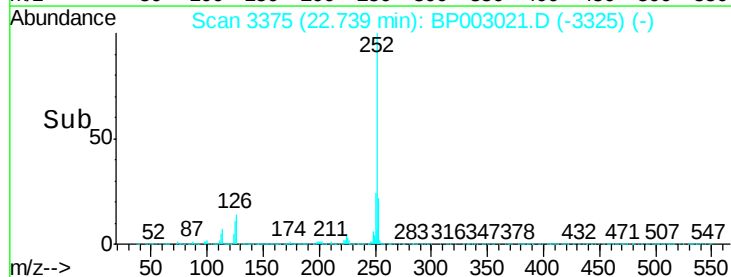
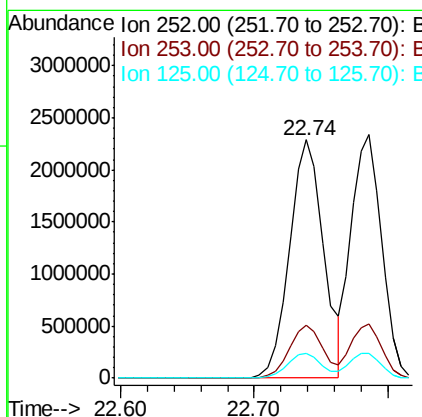
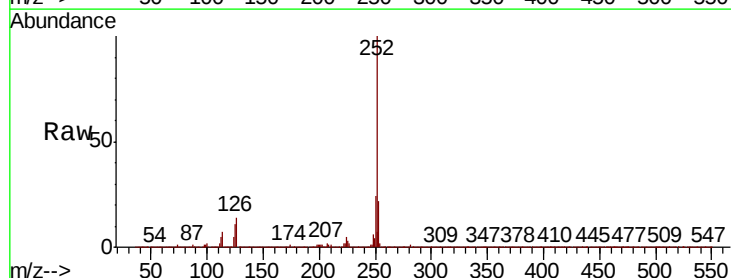
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-081420MS

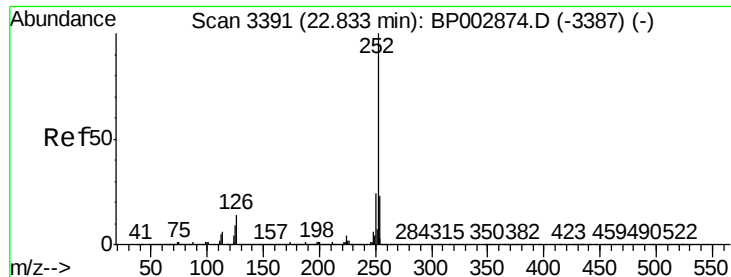
Tot Ion:276 Resp: 4488542
 Ion Ratio Lower Upper
 276 100
 138 26.7 22.2 33.2
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.622 ng
 RT: 22.74 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BP003021.D
 Acq: 18 Aug 2020 17:23

Tgt Ion:252 Resp: 4034102
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.2
 125 10.6 9.4 14.2





#89

Benzo(k)fluoranthene

Concen: 40.564 ng

RT: 22.79 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

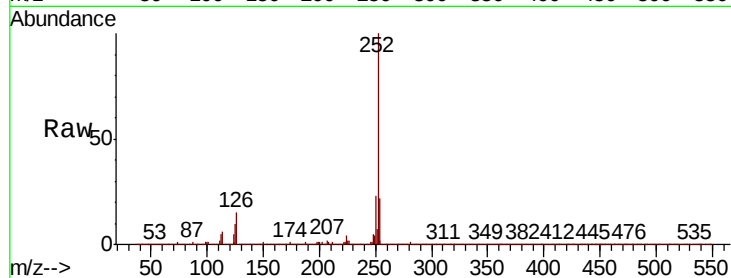
Tot Ion:252 Resp: 3715954

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

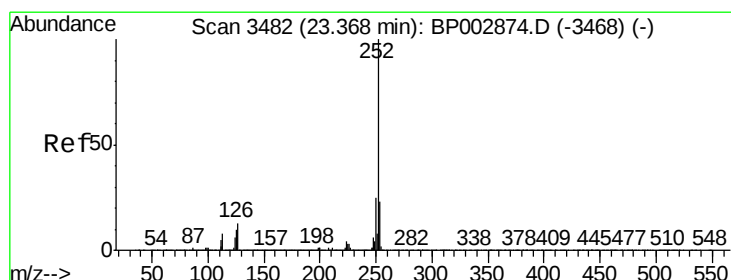
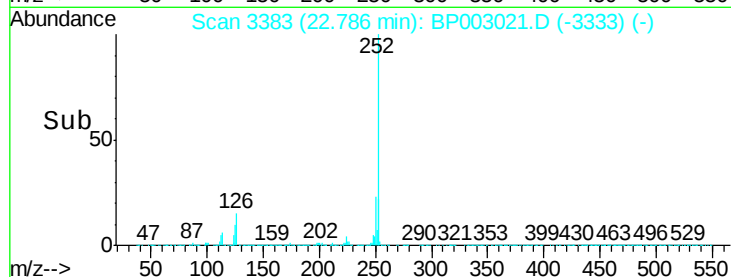
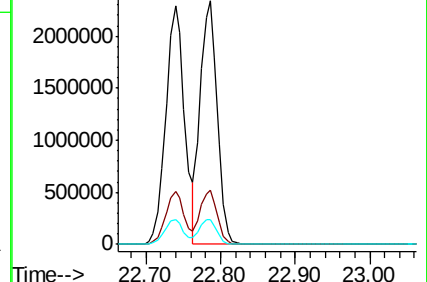
125 10.1 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.175 ng

RT: 23.32 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

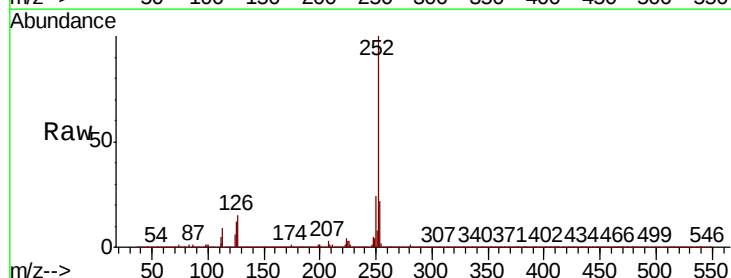
Tgt Ion:252 Resp: 3518409

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

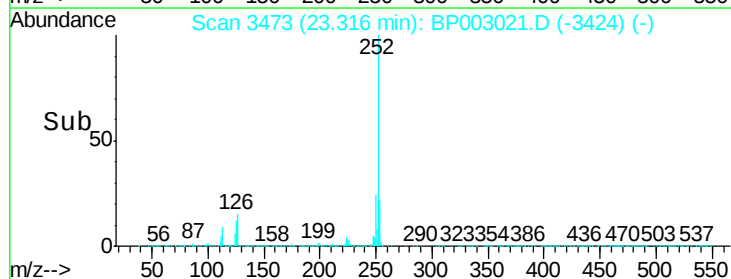
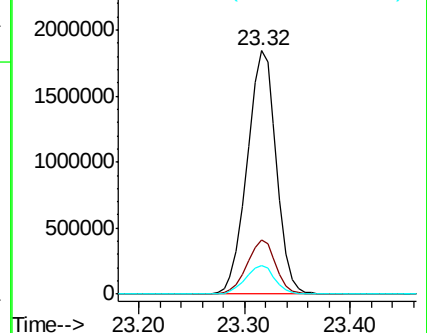
125 11.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.068 ng

RT: 25.72 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

Instrument :

BNA_P

ClientSampleId :

CL-02-081420MS

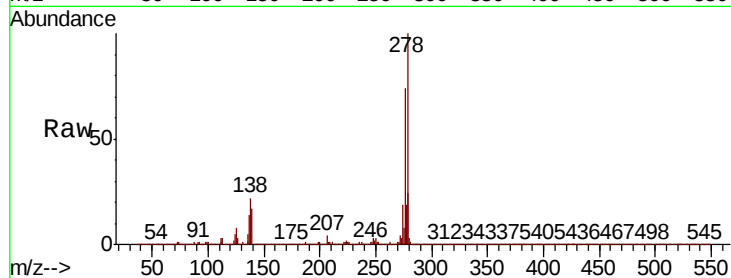
Tot Ion:278 Resp: 3751054

Ion Ratio Lower Upper

278 100

139 17.1 14.2 21.4

279 23.7 19.3 28.9

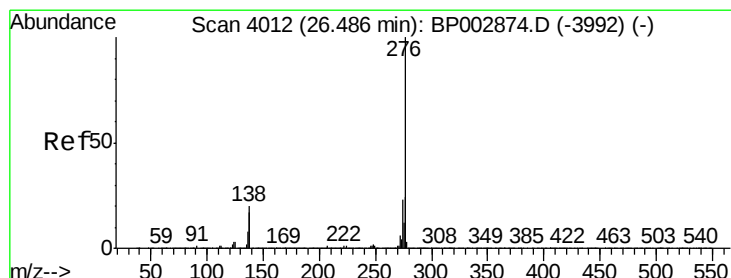
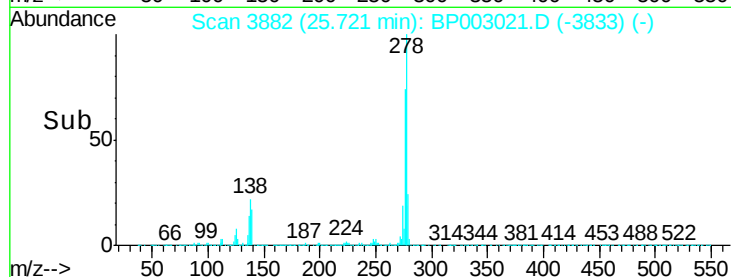
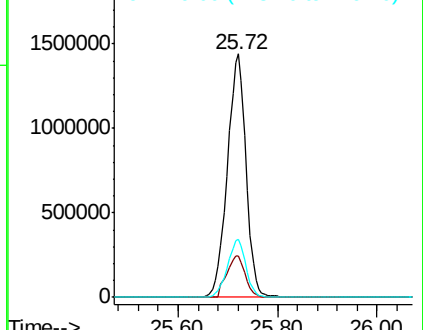


Abundance

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: 42.370 ng

RT: 26.40 min Scan# 3998

Delta R.T. -0.02 min

Lab File: BP003021.D

Acq: 18 Aug 2020 17:23

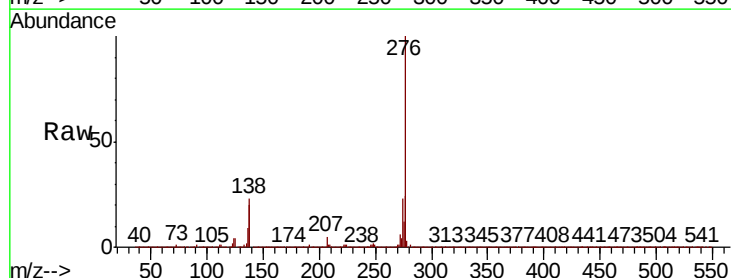
Tgt Ion:276 Resp: 3835676

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 22.8 19.3 28.9



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

