

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003080.D
 Acq On : 21 Aug 2020 17:24
 Operator : CG/JU
 Sample : PB131143BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131143BS

Quant Time: Aug 21 18:04:06 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	7.68	152	231869	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	975809	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	609072	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1339741	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1400243	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1780867	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1560511	103.00	ng	0.00
7) Phenol-d6	6.86	99	1854366	88.16	ng	0.00
23) Nitrobenzene-d5	8.82	82	1076430	59.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	918174	121.29	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3089304	69.30	ng	-0.01
79) Terphenyl-d14	19.64	244	4521054	64.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	158809	24.420	ng	98
3) Pyridine	3.60	79	416852	23.007	ng	99
4) n-Nitrosodimethylamine	3.52	42	148515	27.904	ng	98
6) Aniline	7.00	93	744588	30.512	ng	99
8) 2-Chlorophenol	7.25	128	707947	43.827	ng	100
9) Benzaldehyde	6.82	77	316264	28.241	ng	99
10) Phenol	6.89	94	747533	35.288	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	543408	33.351	ng	100
12) 1,3-Dichlorobenzene	7.57	146	728334	39.949	ng	100
13) 1,4-Dichlorobenzene	7.71	146	747506	40.563	ng	99
14) 1,2-Dichlorobenzene	8.03	146	717521	40.828	ng	99
15) Benzyl Alcohol	7.92	79	467863	33.712	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.21	45	439557	28.715	ng	100
17) 2-Methylphenol	8.13	107	539620	39.864	ng	99
18) Hexachloroethane	8.75	117	245627	38.214	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	346124	28.559	ng	98
20) 3+4-Methylphenols	8.45	107	736928	40.393	ng	99
22) Acetophenone	8.49	105	887154	32.223	ng	# 97
24) Nitrobenzene	8.86	77	569955	29.140	ng	98
25) Isophorone	9.39	82	1093168	28.243	ng	98
26) 2-Nitrophenol	9.57	139	378863	46.555	ng	98
27) 2,4-Dimethylphenol	9.65	122	628685	40.788	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	726437	33.641	ng	99
29) 2,4-Dichlorophenol	10.11	162	685085	42.231	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	693664	36.579	ng	99
31) Naphthalene	10.50	128	2080467	37.245	ng	99
32) Benzoic acid	9.80	122	375484	42.474	ng	98
33) 4-Chloroaniline	10.61	127	720419	31.120	ng	99
34) Hexachlorobutadiene	10.80	225	401328	34.583	ng	98
35) Caprolactam	11.37	113	224925	44.811	ng	97
36) 4-Chloro-3-methylphenol	11.75	107	662639	39.295	ng	98
37) 2-Methylnaphthalene	12.13	142	1534043	38.607	ng	100
38) 1-Methylnaphthalene	12.35	142	1455631	38.917	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	733194	33.482	ng	99

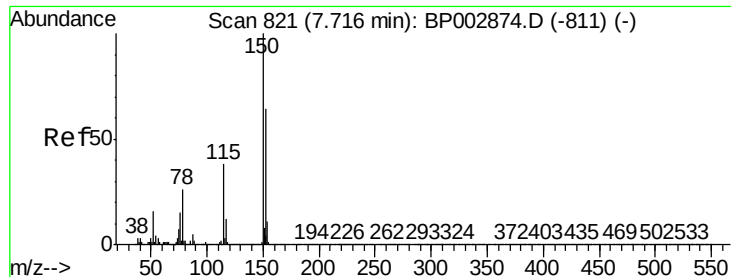
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	877427	77.237	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	528039	41.605	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	596556	42.846	ng	98
46) 1,1'-Biphenyl	13.15	154	1937068	38.471	ng	99
47) 2-Chloronaphthalene	13.19	162	1495828	37.938	ng	99
48) 2-Nitroaniline	13.39	65	318920	33.717	ng	95
49) Acenaphthylene	14.04	152	2487265	40.224	ng	99
50) Dimethylphthalate	13.78	163	1980805	41.581	ng	100
51) 2,6-Dinitrotoluene	13.89	165	450074	42.280	ng	96
52) Acenaphthene	14.38	154	1431183	36.011	ng	99
53) 3-Nitroaniline	14.22	138	400456	36.367	ng	100
54) 2,4-Dinitrophenol	14.43	184	491429	105.745	ng	99
55) Dibenzofuran	14.72	168	2309844	37.891	ng	98
56) 4-Nitrophenol	14.55	139	837584	99.154	ng	95
57) 2,4-Dinitrotoluene	14.68	165	630299	44.812	ng	99
58) Fluorene	15.37	166	1773682	37.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	532988	45.880	ng	98
60) Diethylphthalate	15.16	149	1971592	42.355	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	885137	36.033	ng	99
62) 4-Nitroaniline	15.39	138	501814	45.527	ng	95
63) Azobenzene	15.66	77	1347458	28.754	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	351005	49.955	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1696155	38.227	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	606297	37.198	ng	100
68) Hexachlorobenzene	16.39	284	703060	37.293	ng	95
69) Atrazine	16.55	200	547044	36.391	ng	98
70) Pentachlorophenol	16.73	266	919217	94.026	ng	100
71) Phenanthrene	17.11	178	3031518	38.588	ng	99
72) Anthracene	17.20	178	3147364	40.990	ng	99
73) Carbazole	17.47	167	2927208	39.037	ng	100
74) Di-n-butylphthalate	18.05	149	3445030	43.674	ng	99
75) Fluoranthene	19.09	202	3715865	41.052	ng	98
77) Benzidine	19.27	184	2491422	58.349	ng	100
78) Pyrene	19.44	202	3830726	39.134	ng	99
80) Butylbenzylphthalate	20.33	149	1692299	42.906	ng	98
81) Benzo(a)anthracene	21.15	228	3743926	39.253	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	1285909	34.063	ng	100
83) Chrysene	21.20	228	3516006	39.079	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2371341	43.773	ng	99
85) Di-n-octyl phthalate	21.97	149	4273899	48.024	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5755218	40.353	ng	97
88) Benzo(b)fluoranthene	22.73	252	4412009	35.107	ng	98
89) Benzo(k)fluoranthene	22.78	252	4144420	34.891	ng	98
90) Benzo(a)pyrene	23.31	252	4180149	36.812	ng	99
91) Dibenzo(a,h)anthracene	25.72	278	4761983	39.230	ng	98
92) Benzo(g,h,i)perylene	26.40	276	4892169	41.677	ng	97

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

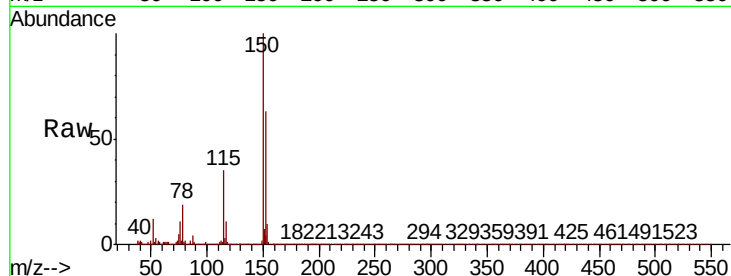


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 814
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Instrument :
BNA_P
ClientSampleId :
PB131143BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.1	189.1
115	54.8	43.4	65.2

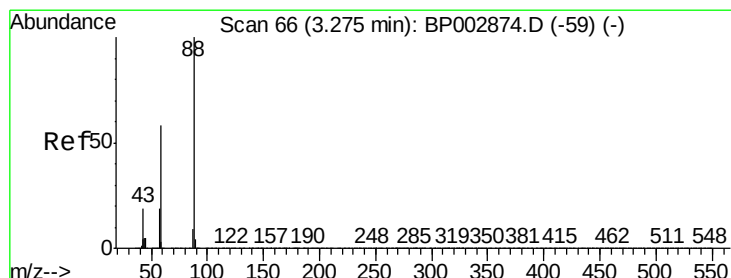
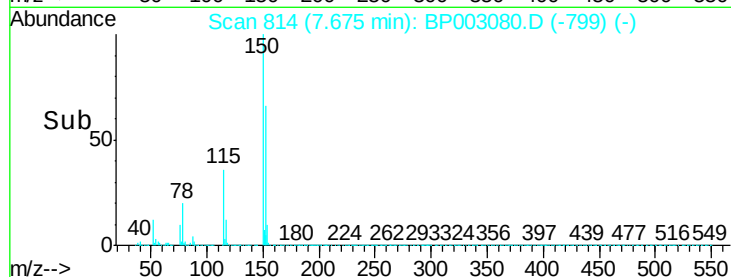
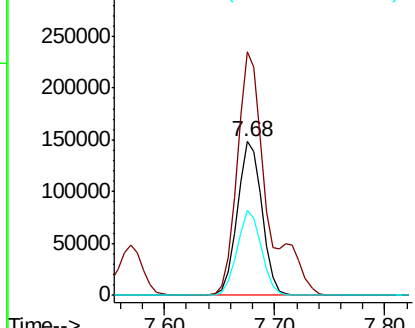


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

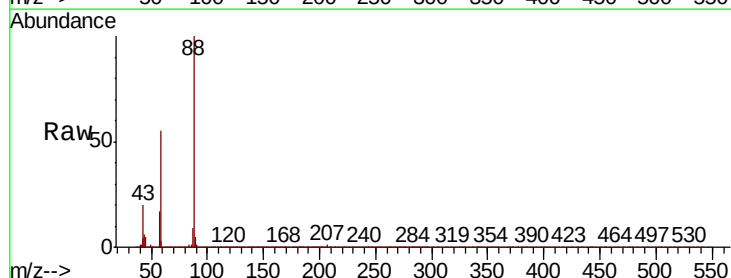
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.420 ng
RT: 3.22 min Scan# 57
Delta R.T. -0.02 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.8	44.5	66.7
43	18.8	14.5	21.7

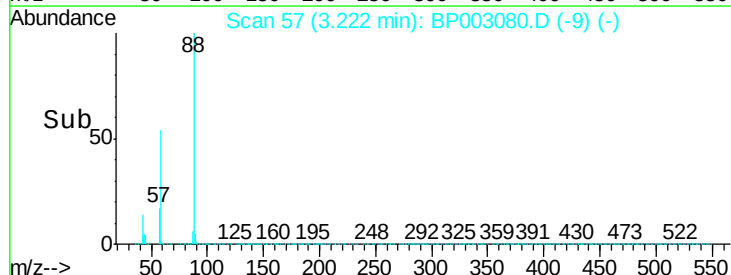
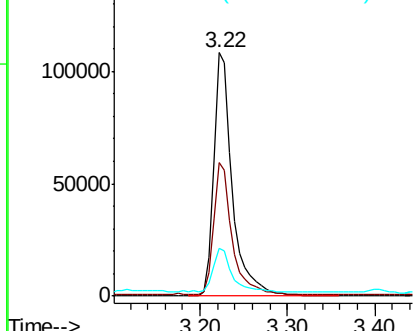


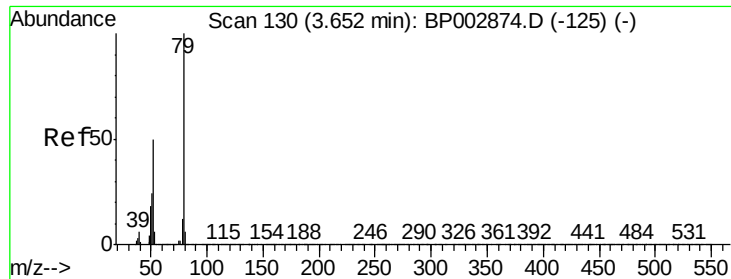
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

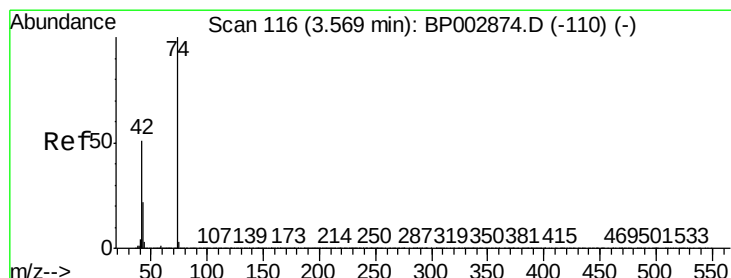
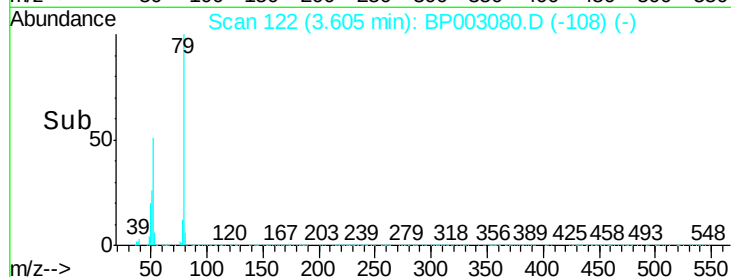
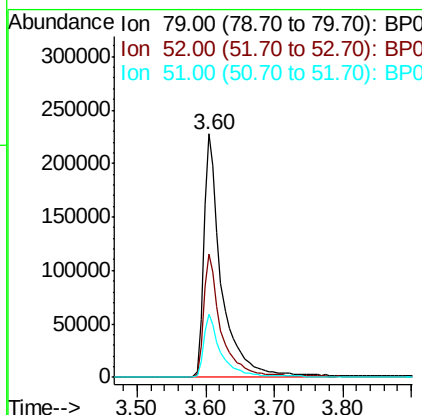
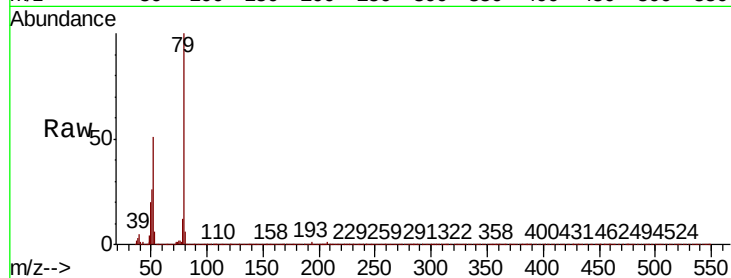




#3
 Pvridine
 Concen: 23.007 ng
 RT: 3.60 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

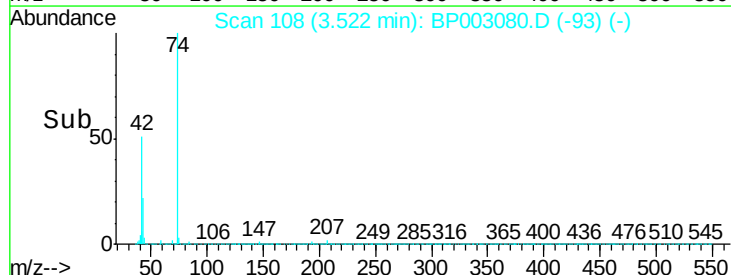
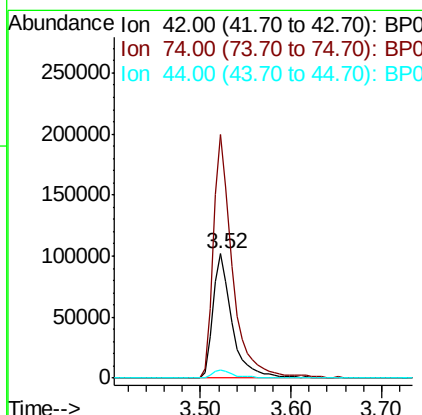
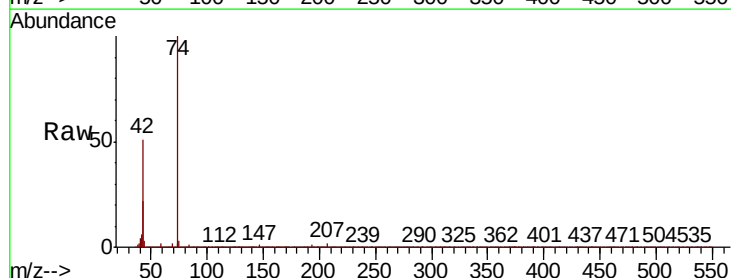
Instrument :
 BNA_P
 ClientSampleId :
 PB131143BS

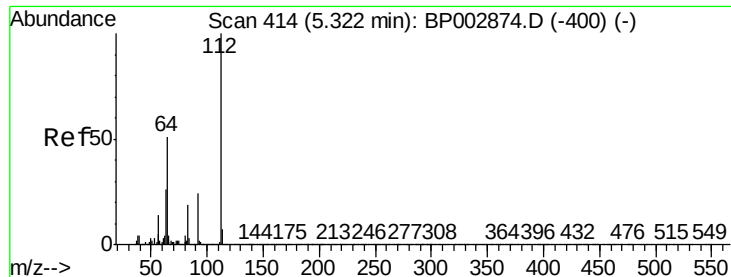
Tot Ion	Ratio	Lower	Upper
79	100		
52	50.8	40.5	60.7
51	26.0	19.9	29.9



#4
 n-Nitrosodimethylamine
 Concen: 27.904 ng
 RT: 3.52 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	195.5	158.6	238.0
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 103.005 ng

RT: 5.29 min Scan# 408

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

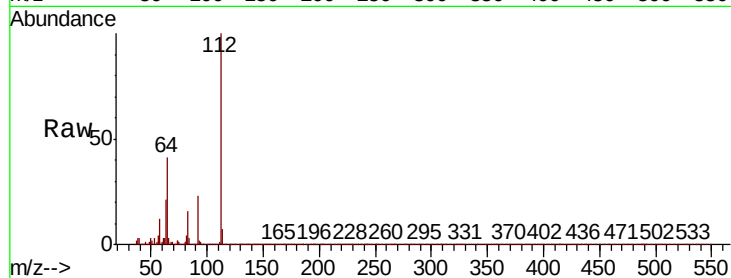
Tot Ion:112 Resp: 1560511

Ion Ratio Lower Upper

112 100

64 40.7 33.4 50.2

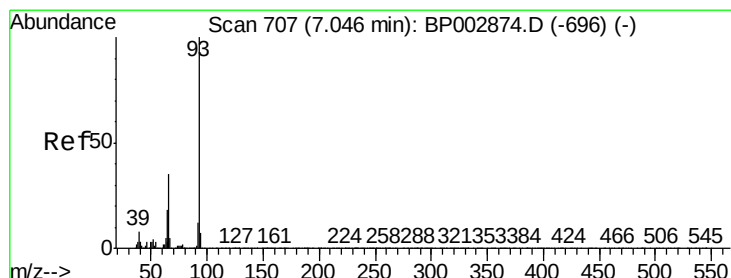
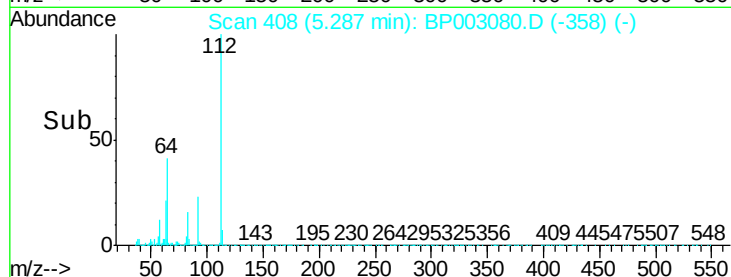
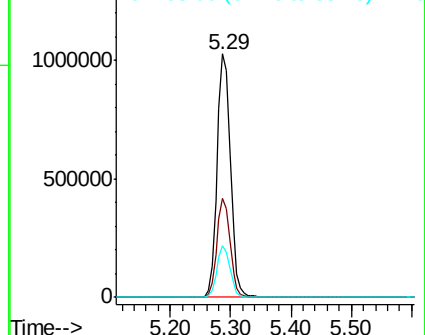
63 20.9 17.4 26.0



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: 30.512 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

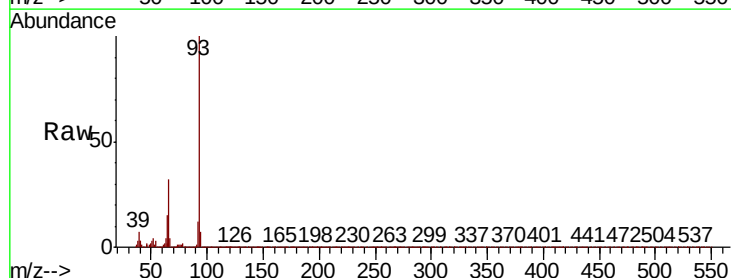
Tgt Ion: 93 Resp: 744588

Ion Ratio Lower Upper

93 100

66 31.6 24.8 37.2

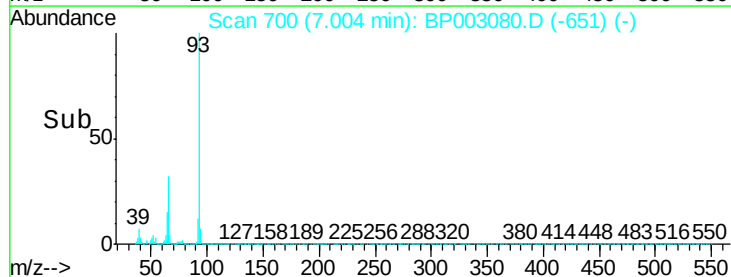
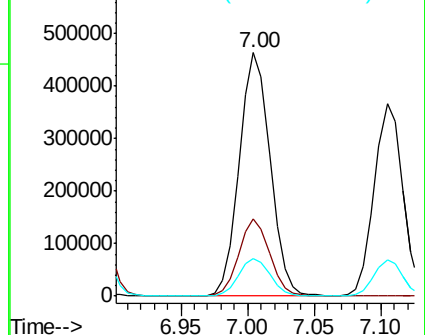
65 15.4 12.2 18.4

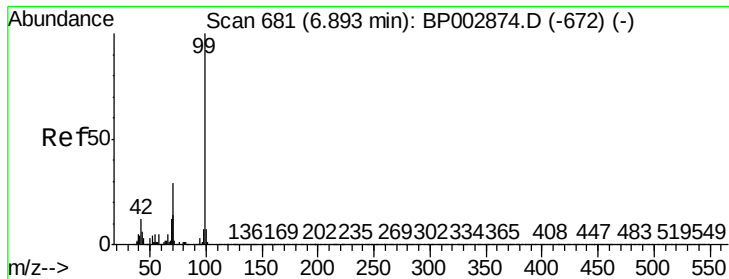


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 88.162 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

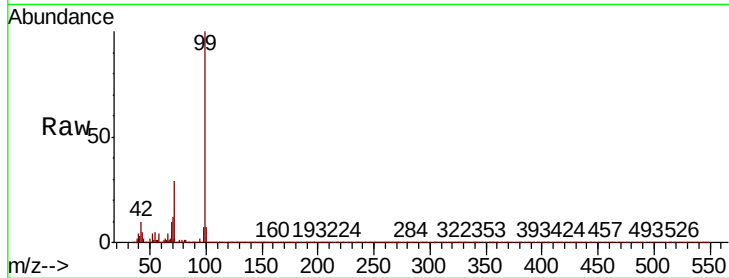
BNA_P

ClientSampleId :

PB131143BS

Tot Ion: 99 Resp: 1854366

Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.0	12.0
71	29.0	21.3	31.9

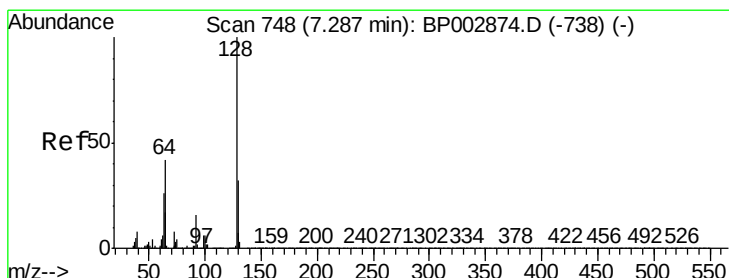
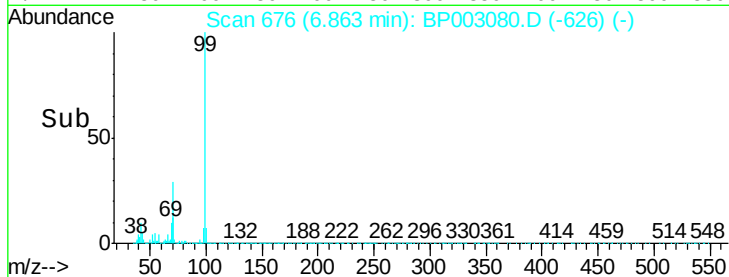
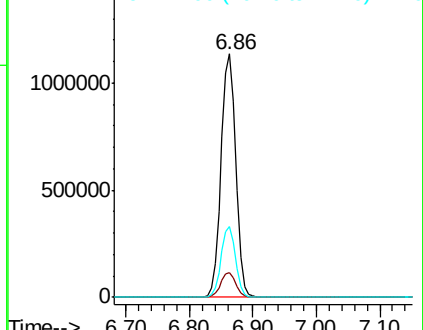


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.827 ng

RT: 7.25 min Scan# 741

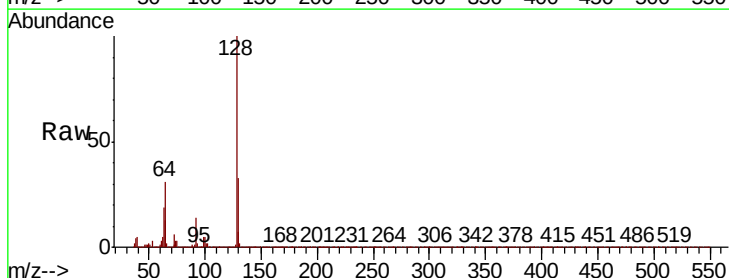
Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion: 128 Resp: 707947

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	30.6	10.7	50.7

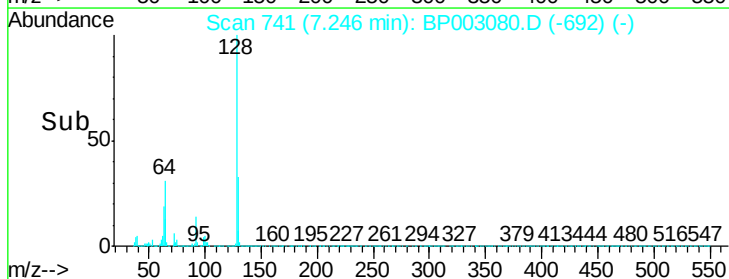
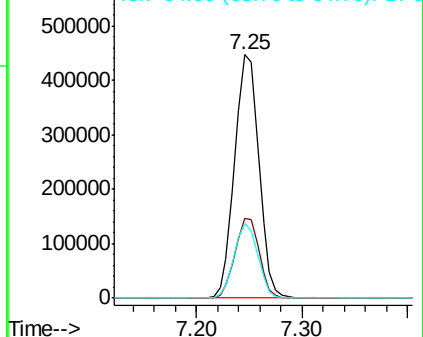


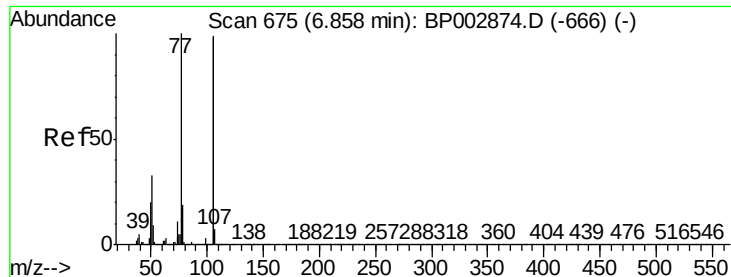
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 28.241 ng

RT: 6.82 min Scan# 668

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

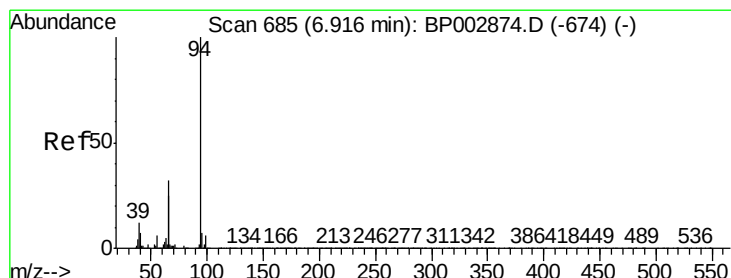
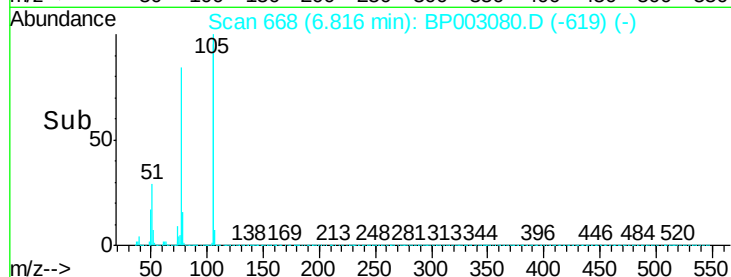
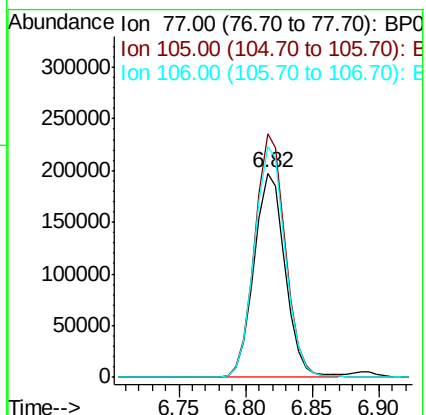
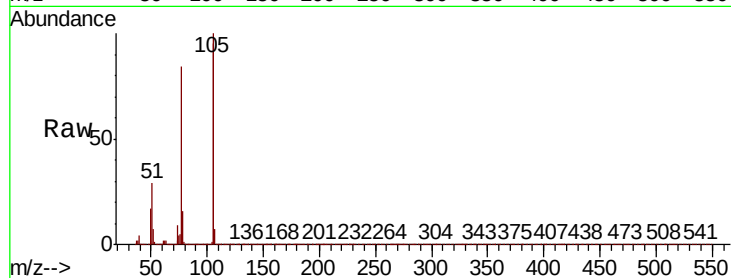
Tot Ion: 77 Resp: 316264

Ion Ratio Lower Upper

77 100

105 119.2 97.5 137.5

106 112.9 93.1 133.1



#10

Phenol

Concen: 35.288 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

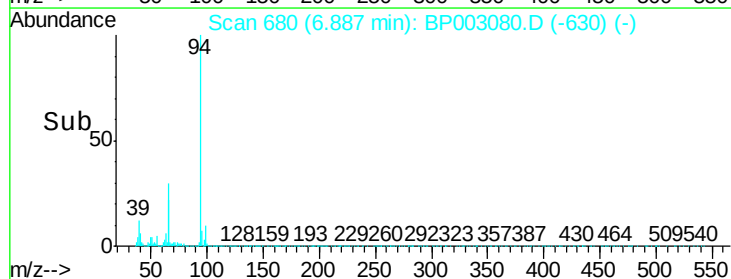
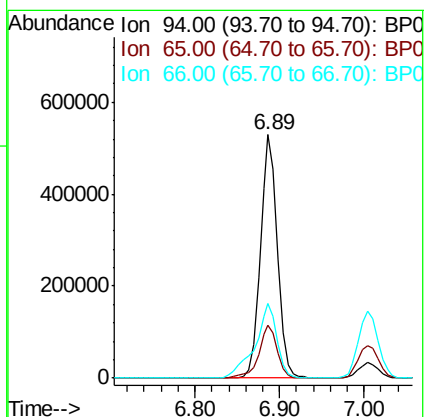
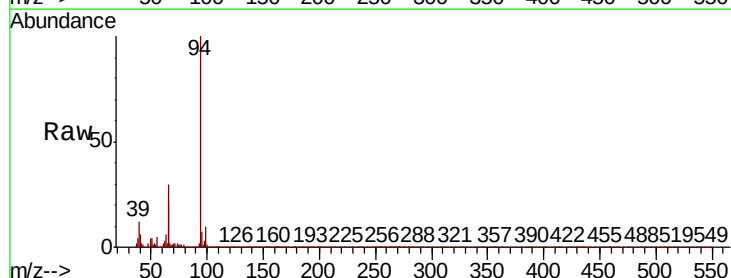
Tgt Ion: 94 Resp: 747533

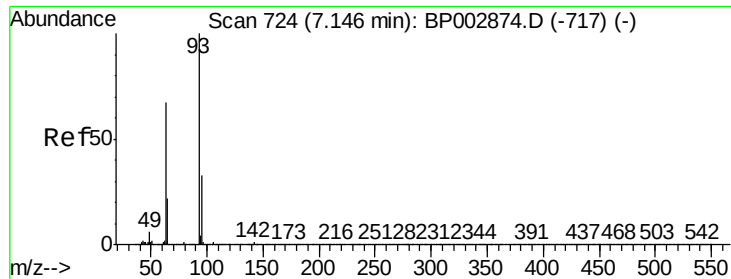
Ion Ratio Lower Upper

94 100

65 21.9 1.7 41.7

66 30.5 8.6 48.6

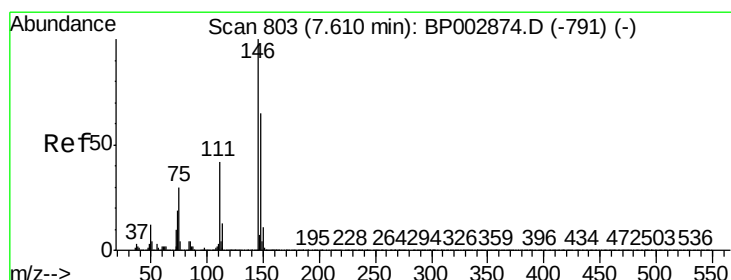
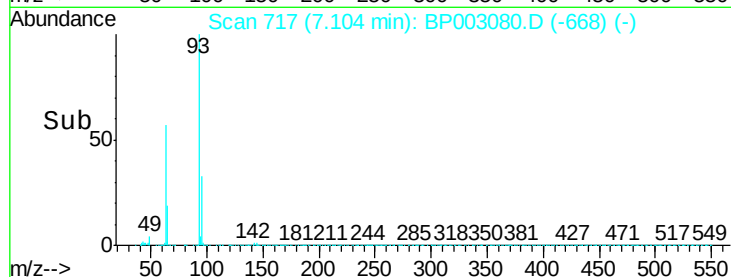
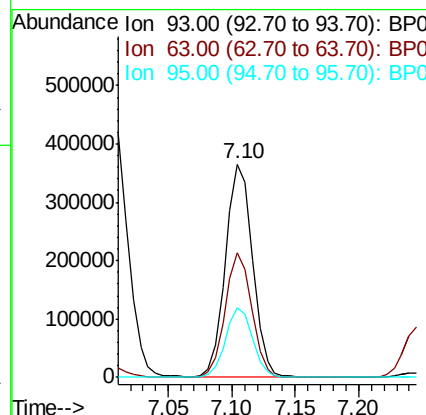
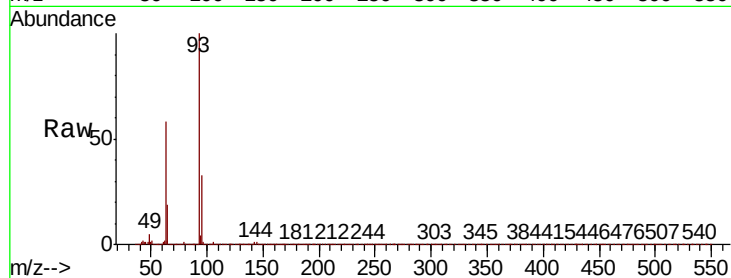




#11
bis(2-Chloroethyl)ether
Concen: 33.351 ng
RT: 7.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

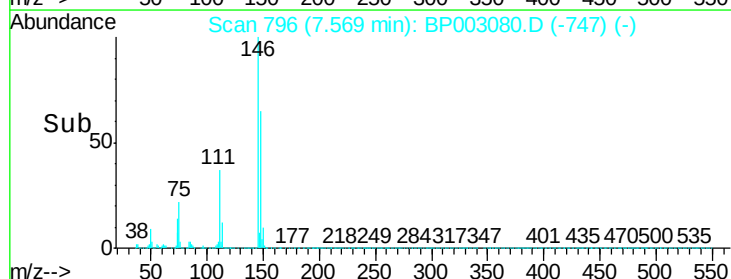
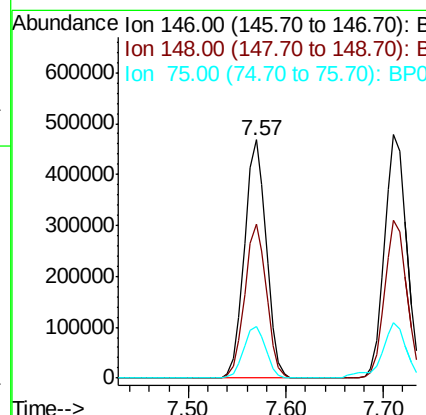
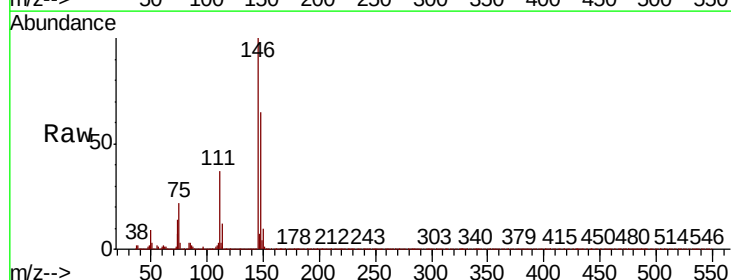
Instrument :
BNA_P
ClientSampleId :
PB131143BS

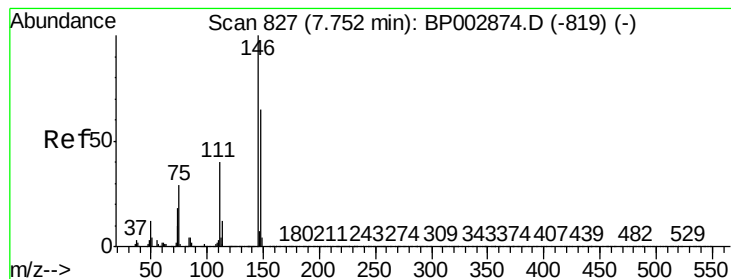
Tot Ion:	93	Resp:	543408
Ion	Ratio	Lower	Upper
93	100		
63	58.4	38.4	78.4
95	32.8	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 39.949 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:	146	Resp:	728334
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	21.6	17.4	26.0





#13

1,4-Dichlorobenzene

Concen: 40.563 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

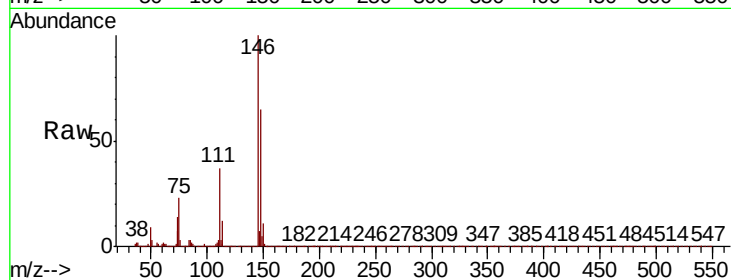
Tot Ion:146 Resp: 747506

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

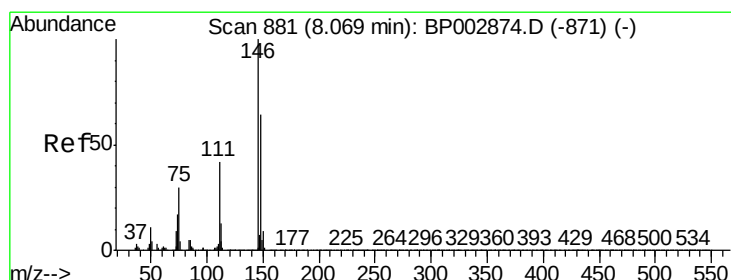
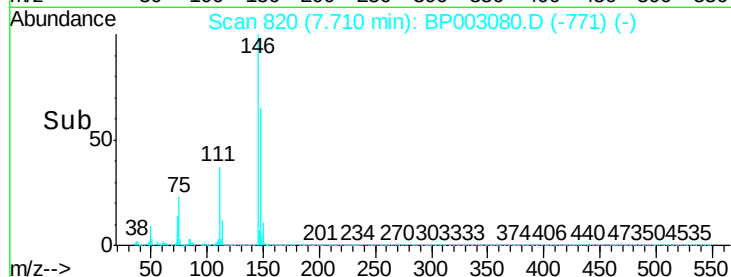
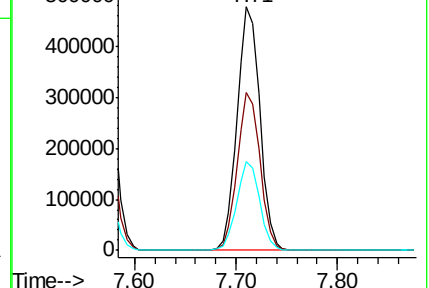
111 36.6 29.0 43.4



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: 40.828 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

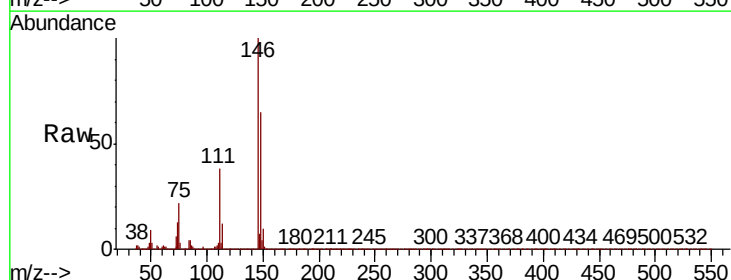
Tgt Ion:146 Resp: 717521

Ion Ratio Lower Upper

146 100

148 65.5 51.5 77.3

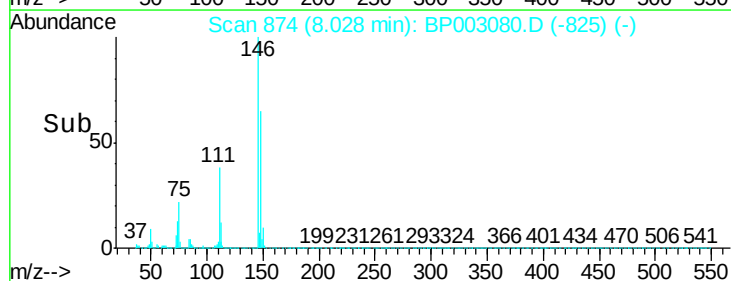
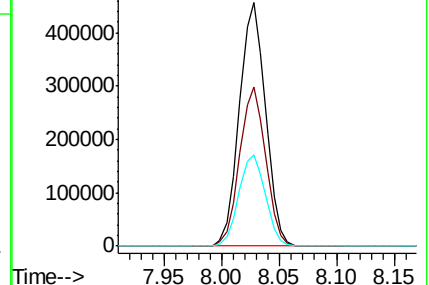
111 37.6 30.5 45.7

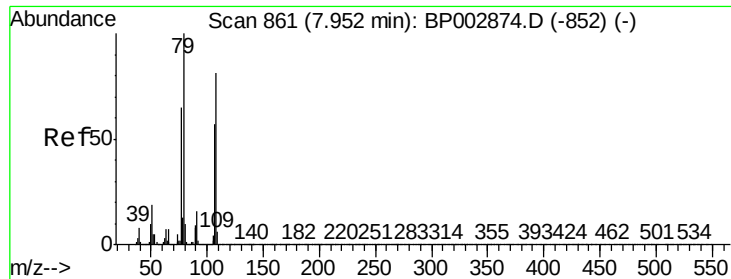


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

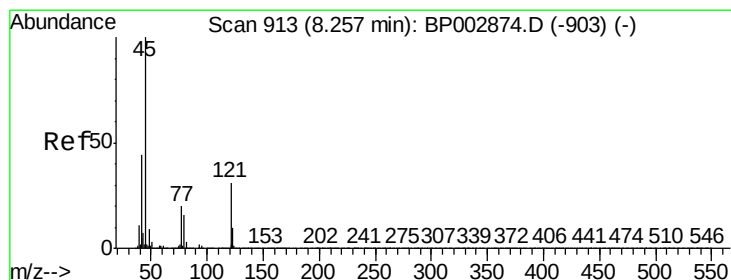
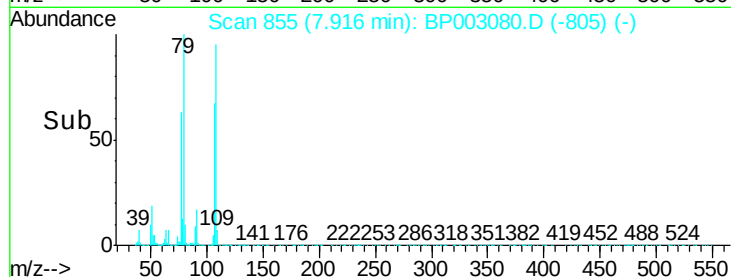
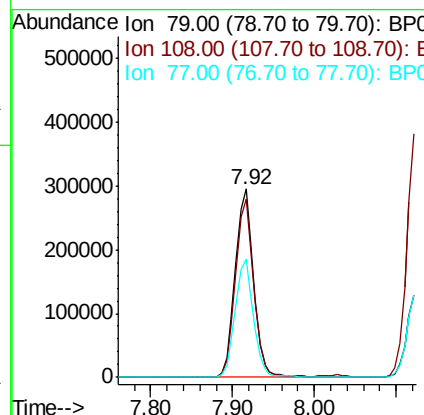
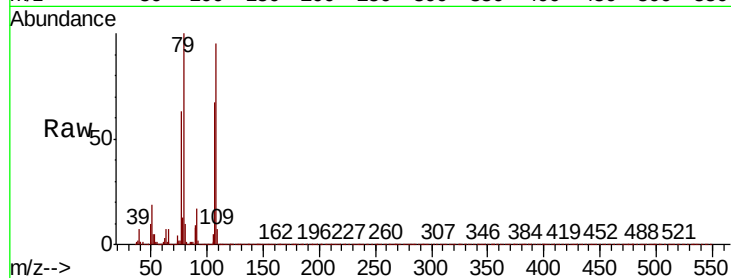




#15
Benzyl Alcohol
Concen: 33.712 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

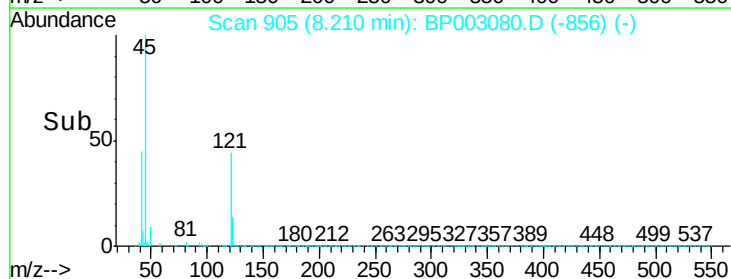
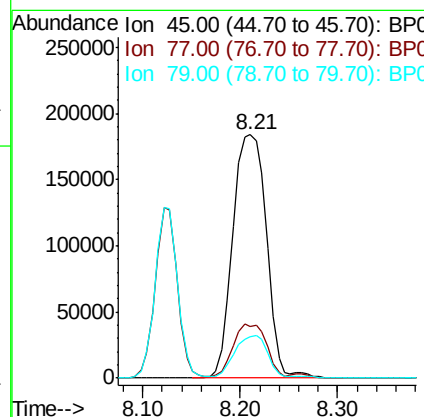
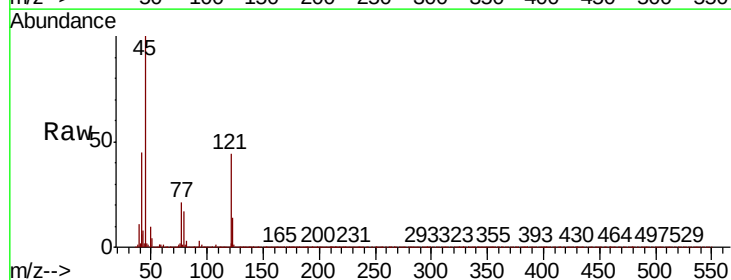
Instrument :
BNA_P
ClientSampleId :
PB131143BS

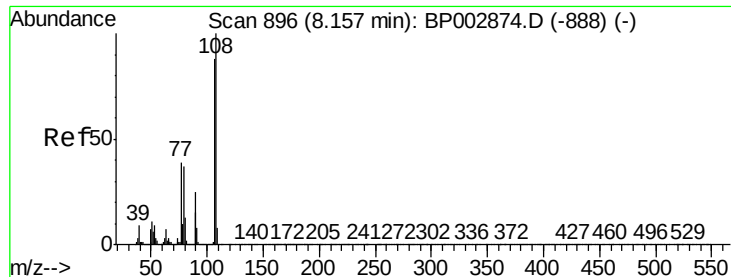
Tot Ion: 79 Resp: 467863
Ion Ratio Lower Upper
79 100
108 94.8 75.7 113.5
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.715 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion: 45 Resp: 439557
Ion Ratio Lower Upper
45 100
77 21.3 1.2 41.2
79 17.2 0.0 37.0





#17

2-Methylphenol

Concen: 39.864 ng

RT: 8.13 min Scan# 891

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

Tot Ion:107 Resp: 539620

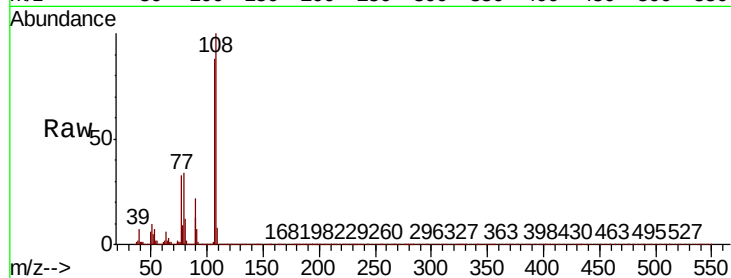
Ion Ratio Lower Upper

107 100

108 113.2 90.0 135.0

77 37.8 29.3 43.9

79 38.1 29.3 43.9

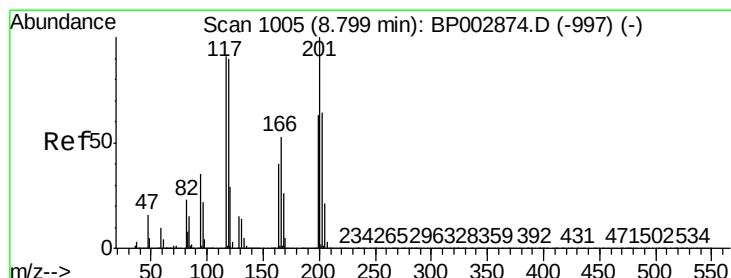
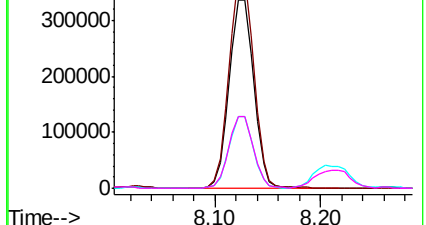
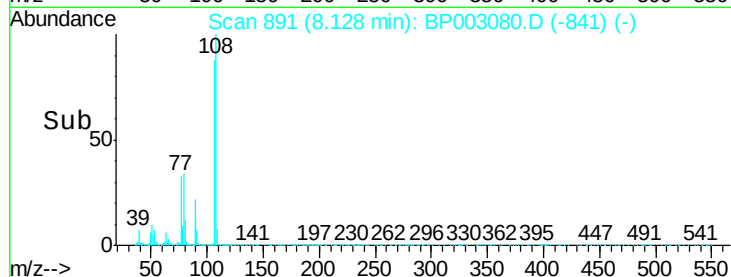


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 38.214 ng

RT: 8.75 min Scan# 997

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

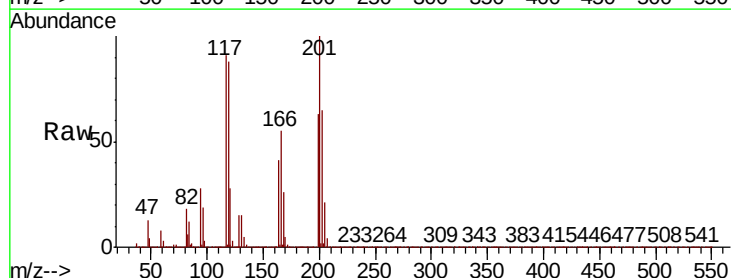
Tgt Ion:117 Resp: 245627

Ion Ratio Lower Upper

117 100

119 96.5 77.1 115.7

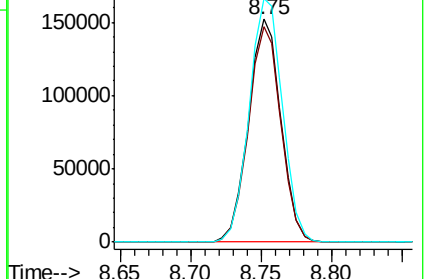
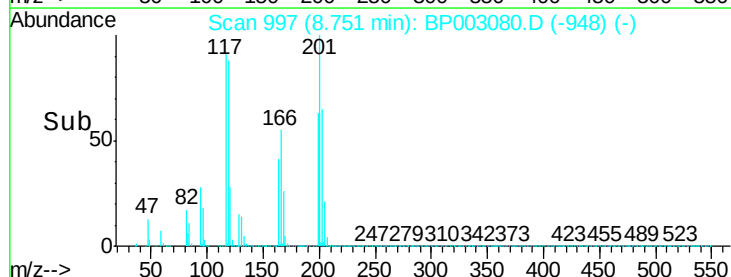
201 109.3 84.3 126.5

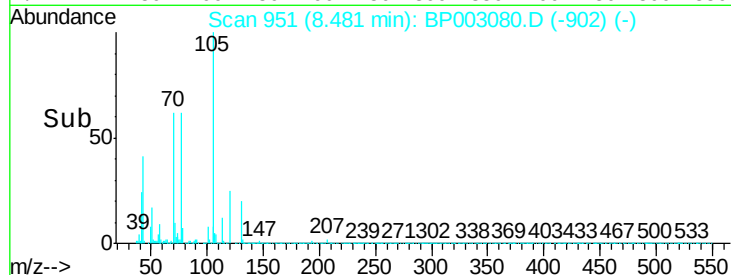
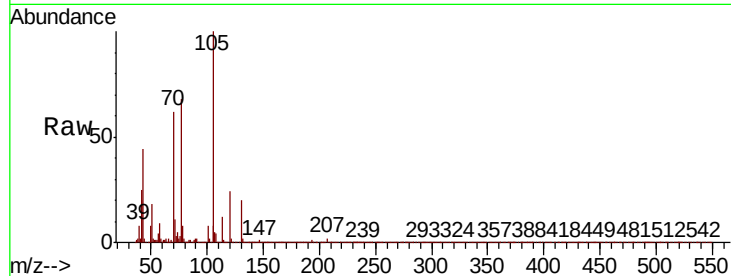
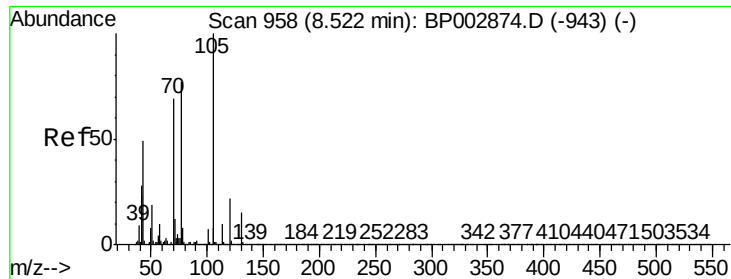


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

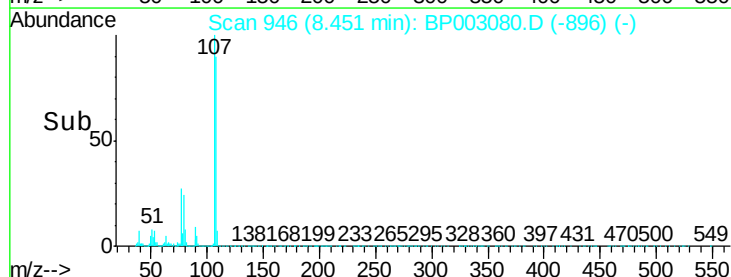
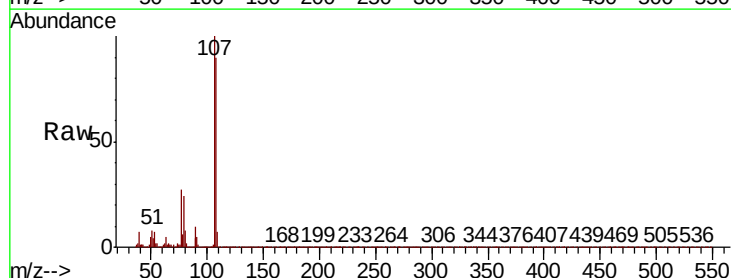
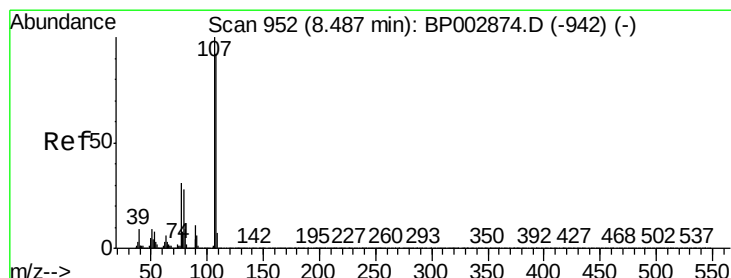
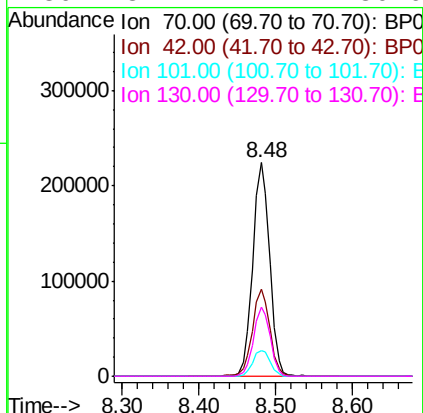




#19
n-Nitroso-di-n-propylamine
Concen: 28.559 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

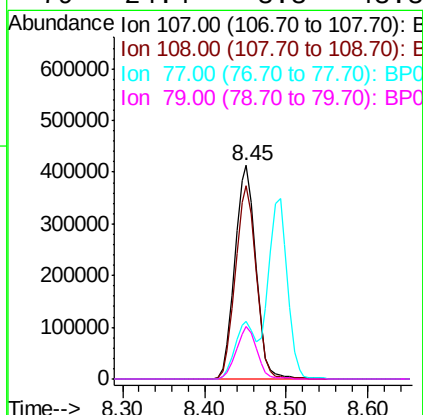
Instrument :
BNA_P
ClientSampleId :
PB131143BS

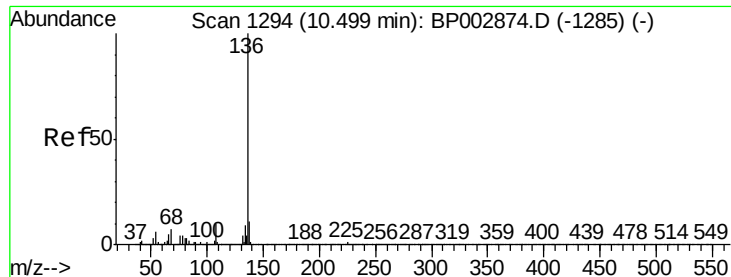
Tot Ion:	70	Resp:	346124
Ion	Ratio	Lower	Upper
70	100		
42	40.7	31.8	47.8
101	12.3	9.8	14.8
130	32.1	24.4	36.6



#20
3+4-Methylphenols
Concen: 40.393 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:	107	Resp:	736928
Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.1	109.1
77	26.9	7.2	47.2
79	24.4	3.3	43.3

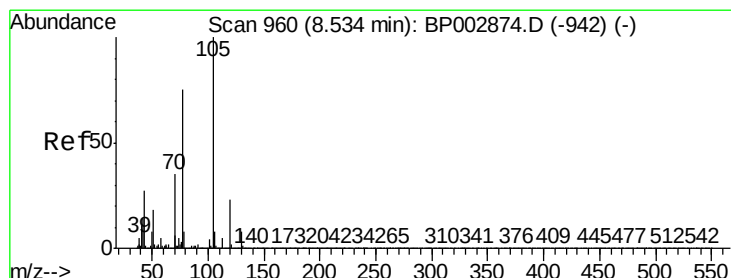
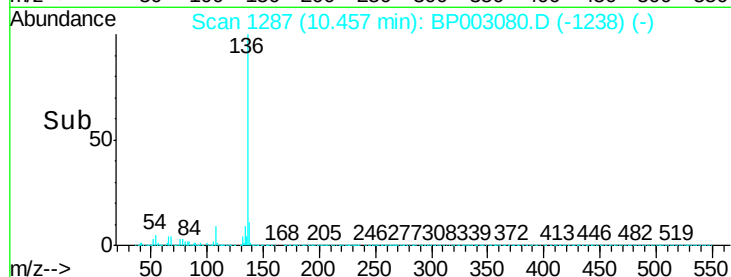
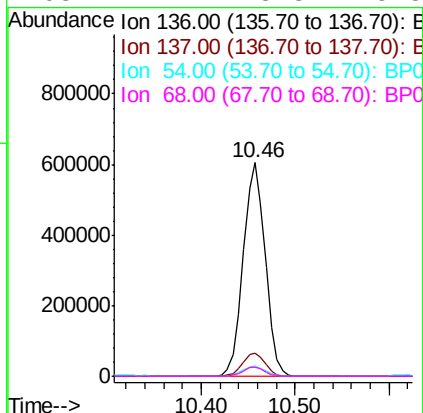
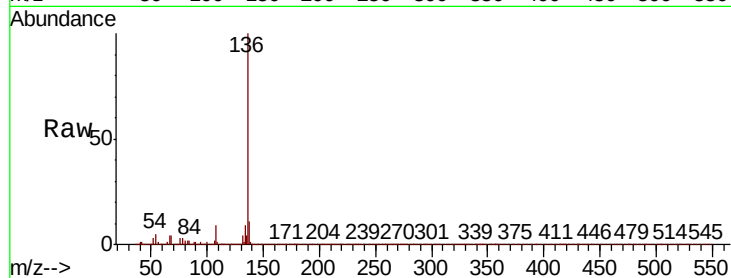




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

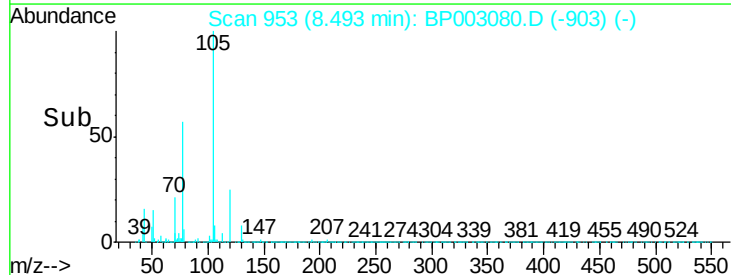
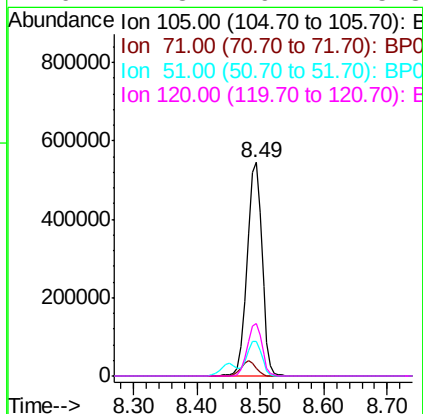
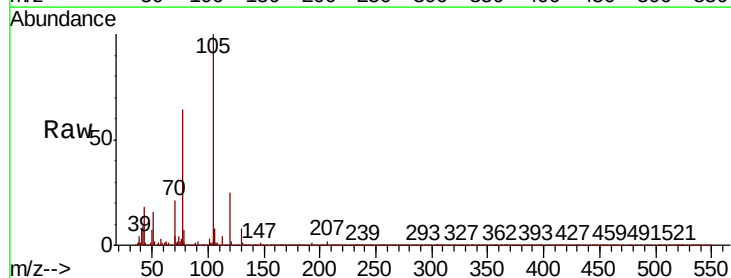
Instrument :
BNA_P
ClientSampleId :
PB131143BS

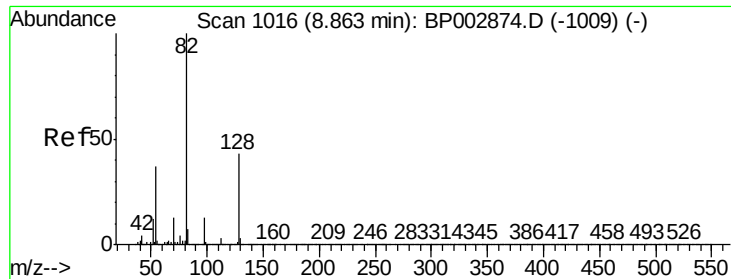
Tot Ion:136	Resp:	975809
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 4.6	3.8	5.8
68 4.1	3.8	5.8



#22
Acetophenone
Concen: 32.223 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt	Ion:105	Resp:	887154
Ion	Ratio	Lower	Upper
105	100		
71	3.6	5.4	8.0#
51	16.2	13.5	20.3
120	24.8	19.2	28.8

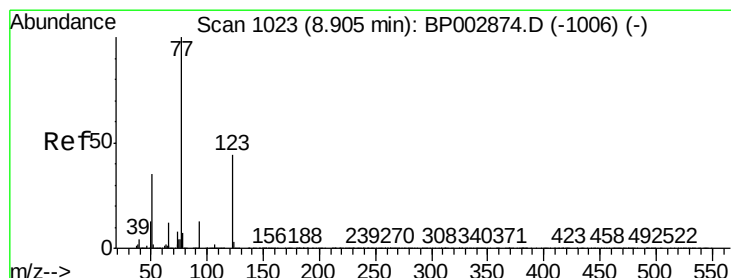
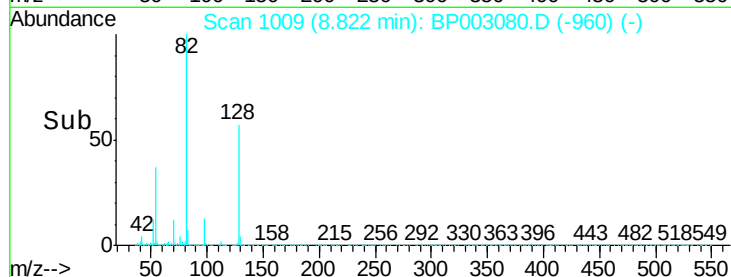
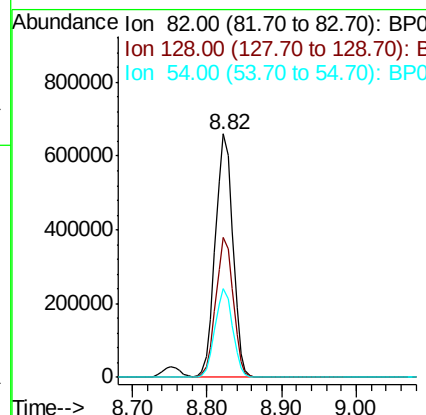
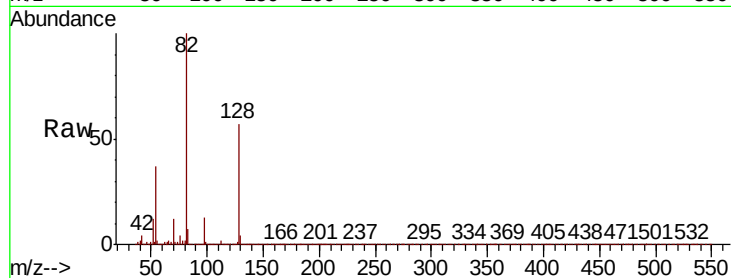




#23
 Nitrobenzene-d5
 Concen: 59.747 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

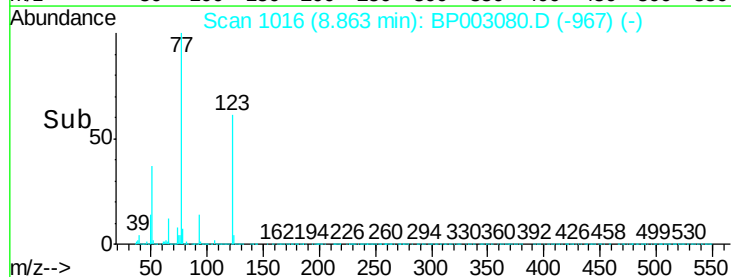
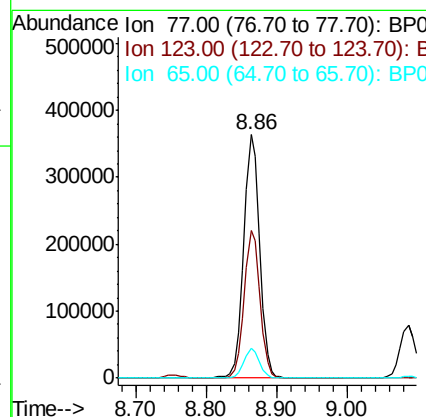
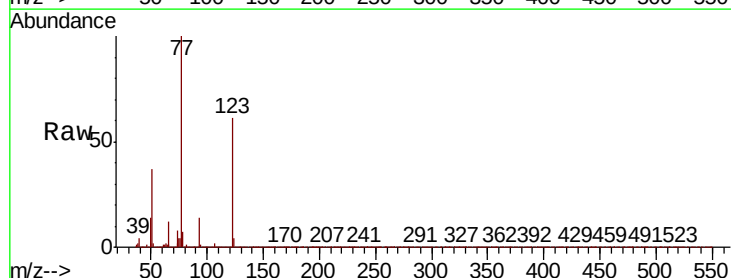
Instrument :
 BNA_P
 ClientSampleId :
 PB131143BS

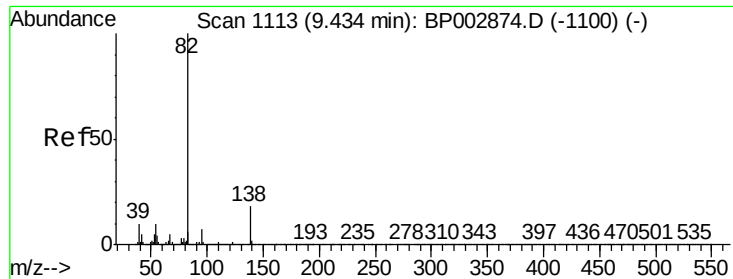
Tot Ion: 82 Resp: 1076430
 Ion Ratio Lower Upper
 82 100
 128 57.3 45.1 67.7
 54 36.6 28.8 43.2



#24
 Nitrobenzene
 Concen: 29.140 ng
 RT: 8.86 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Tgt Ion: 77 Resp: 569955
 Ion Ratio Lower Upper
 77 100
 123 60.9 47.5 71.3
 65 12.3 9.2 13.8





#25

Isophorone

Concen: 28.243 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

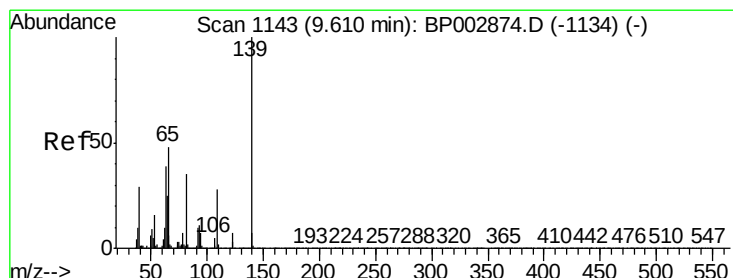
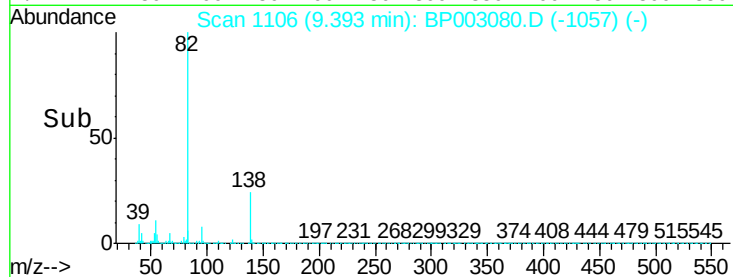
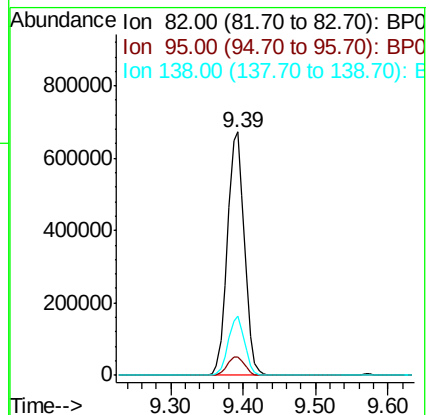
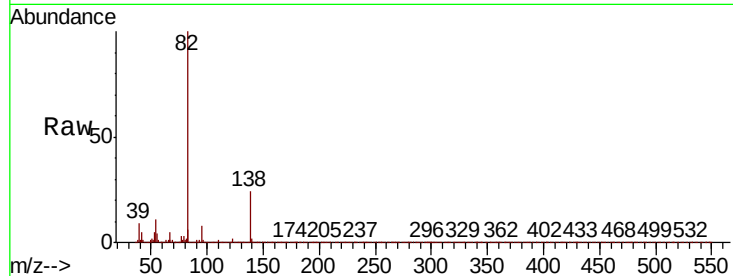
Tot Ion: 82 Resp: 1093168

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 24.4 18.8 28.2



#26

2-Nitrophenol

Concen: 46.555 ng

RT: 9.57 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

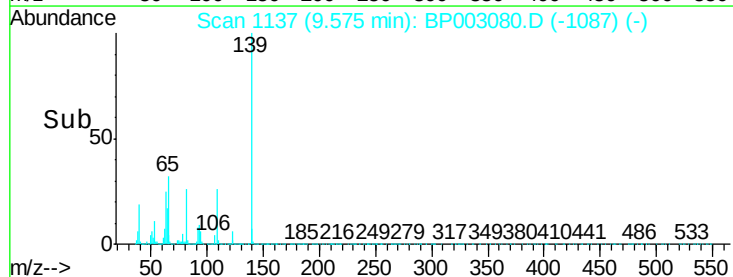
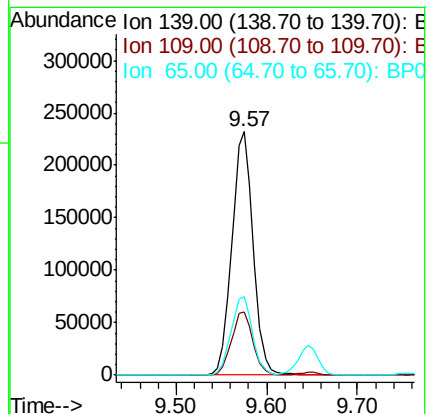
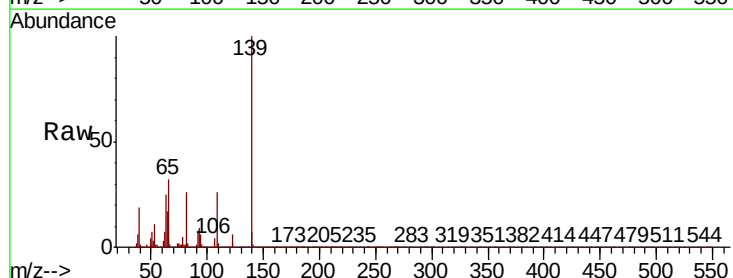
Tgt Ion: 139 Resp: 378863

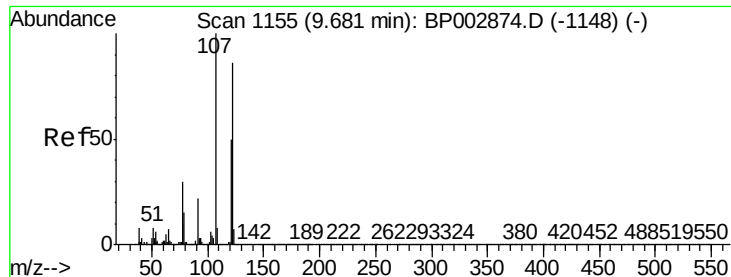
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 32.2 27.2 40.8

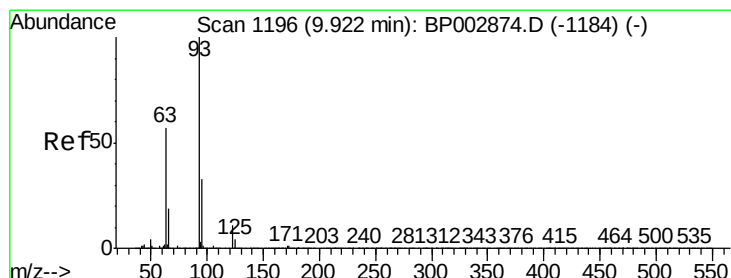
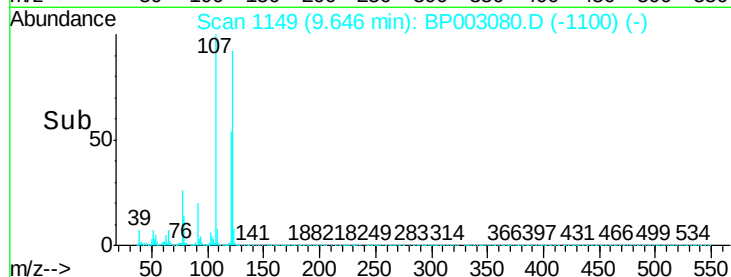
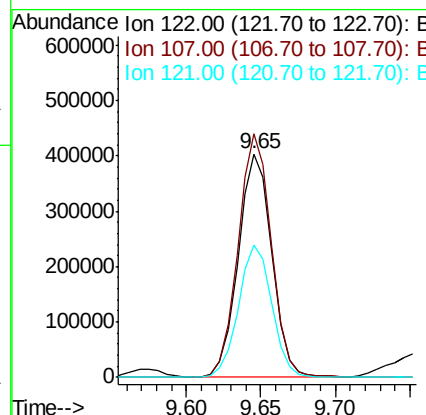
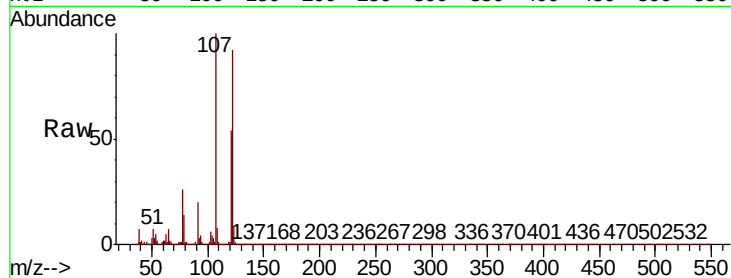




#27
2,4-Dimethylphenol
Concen: 40.788 ng
RT: 9.65 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

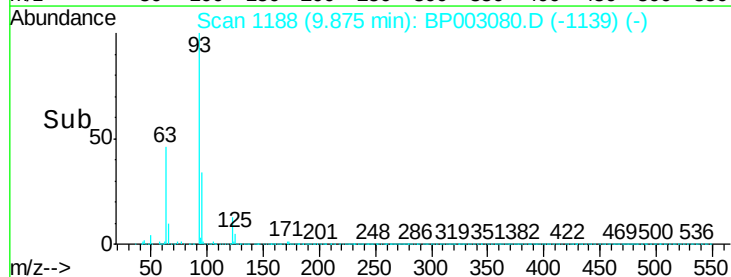
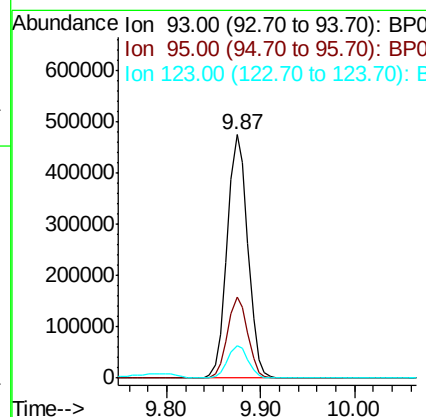
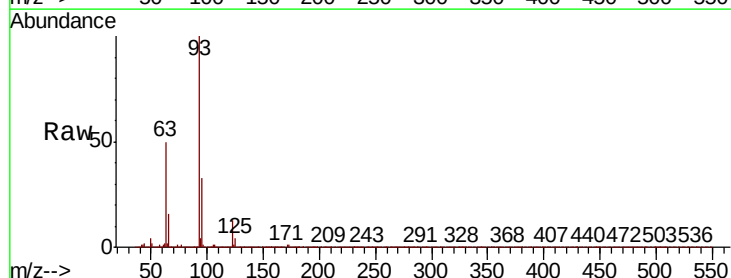
Instrument :
BNA_P
ClientSampleId :
PB131143BS

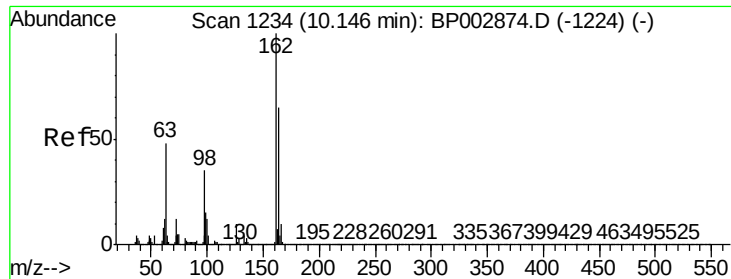
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	85.4	128.0
121	59.4	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 33.641 ng
RT: 9.87 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.1	39.1
123	13.2	10.5	15.7

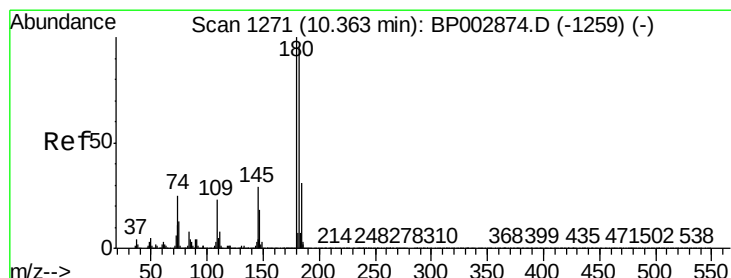
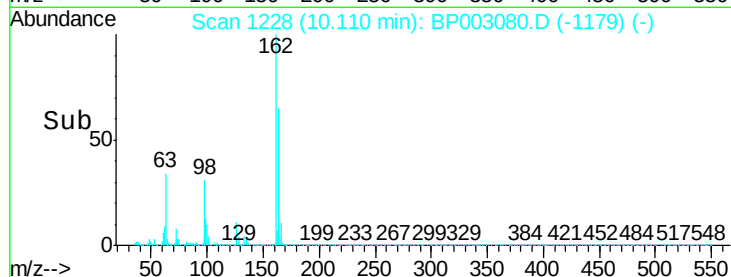
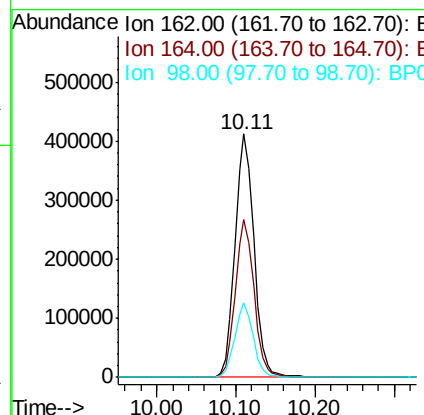
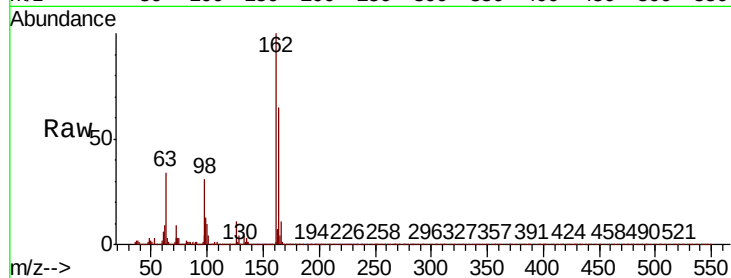




#29
 2,4-Dichlorophenol
 Concen: 42.231 ng
 RT: 10.11 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

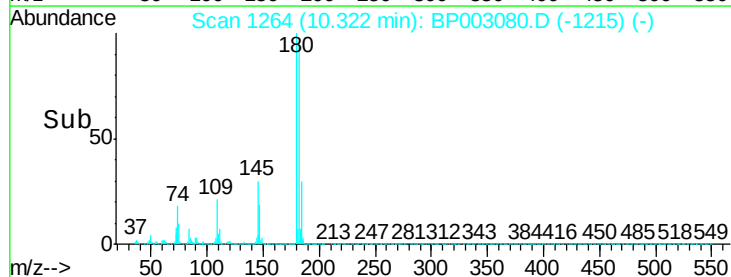
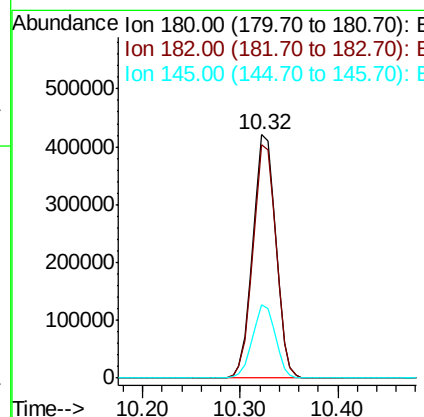
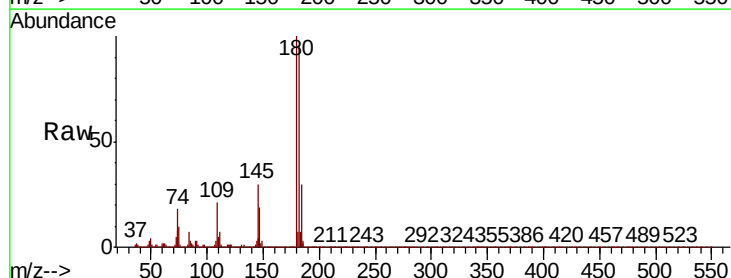
Instrument :
 BNA_P
 ClientSampleId :
 PB131143BS

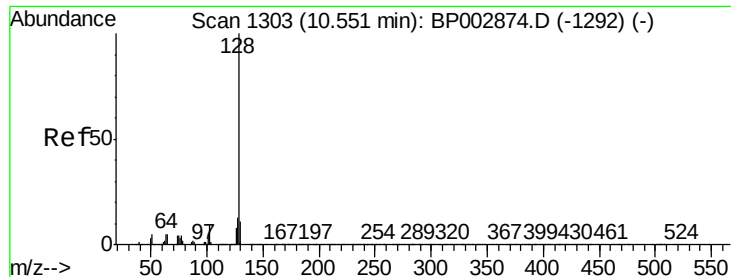
Tot Ion:	162	Resp:	685085
Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.9	83.9
98	30.8	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.579 ng
 RT: 10.32 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Tgt Ion:	180	Resp:	693664
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	30.2	24.4	36.6

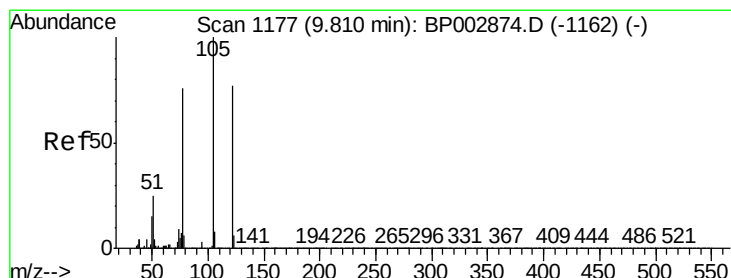
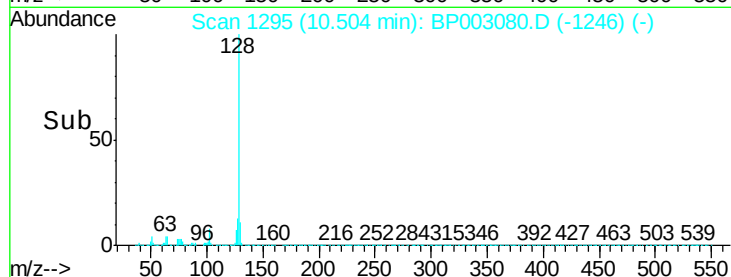
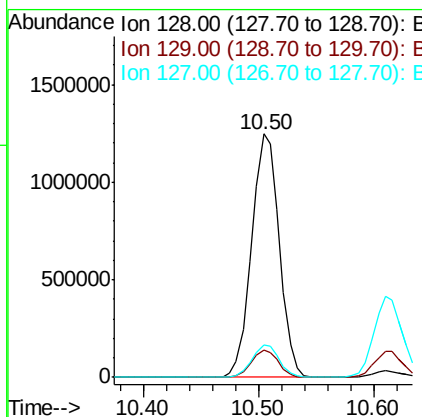
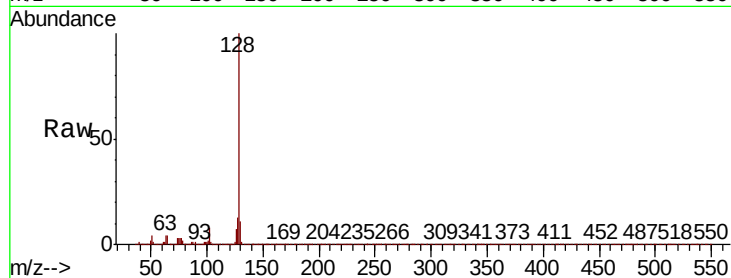




#31
Naphthalene
Concen: 37.245 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

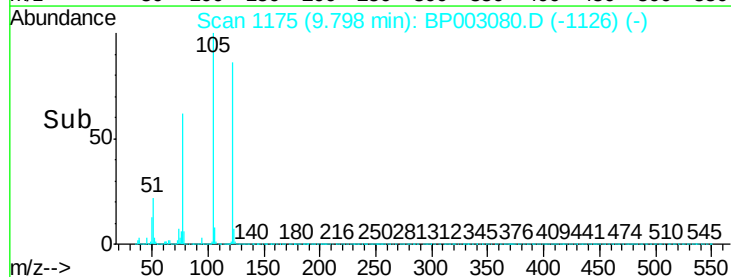
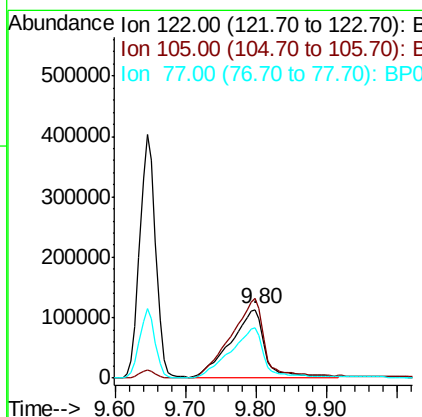
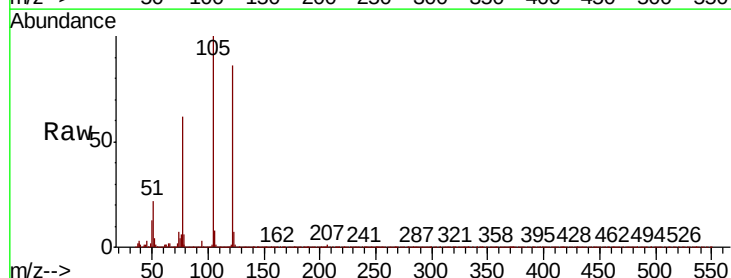
Instrument :
BNA_P
ClientSampleId :
PB131143BS

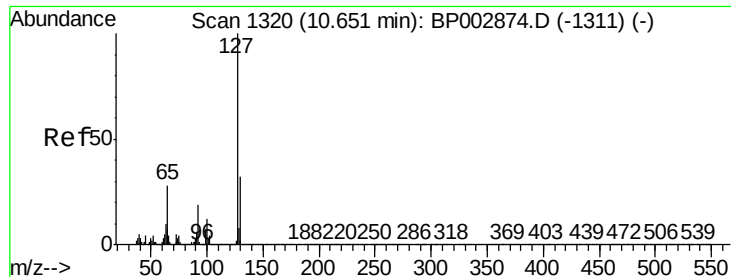
Tot Ion:128 Resp: 2080467
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 42.474 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:122 Resp: 375484
Ion Ratio Lower Upper
122 100
105 116.1 96.2 136.2
77 72.4 55.6 95.6

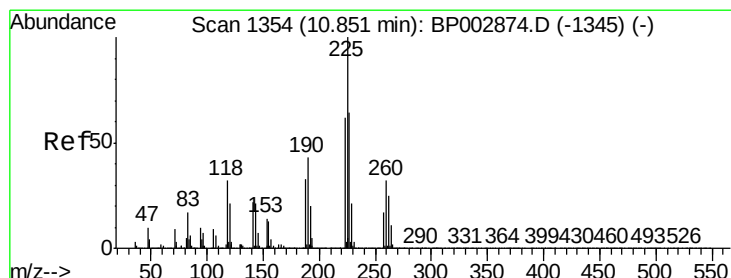
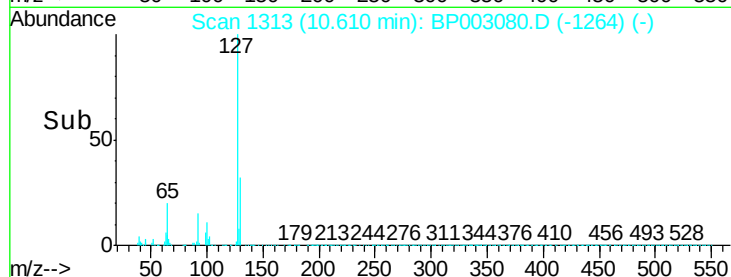
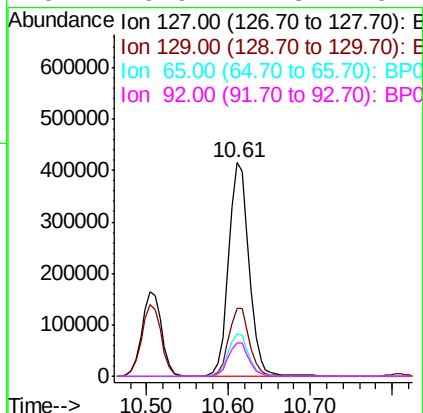
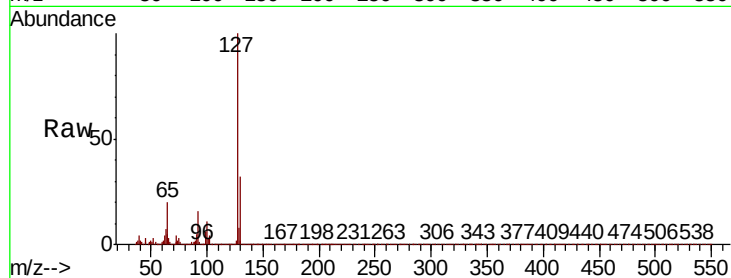




#33
4-Chloroaniline
Concen: 31.120 ng
RT: 10.61 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

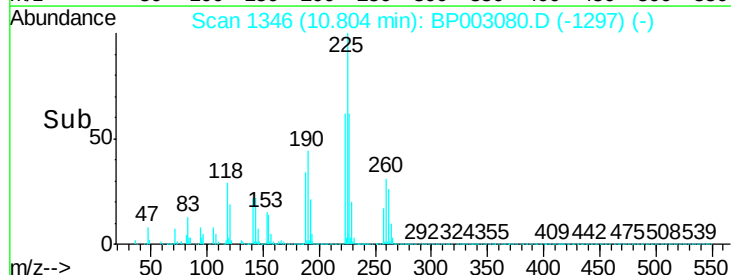
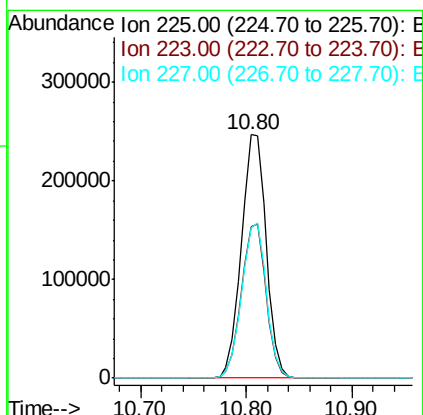
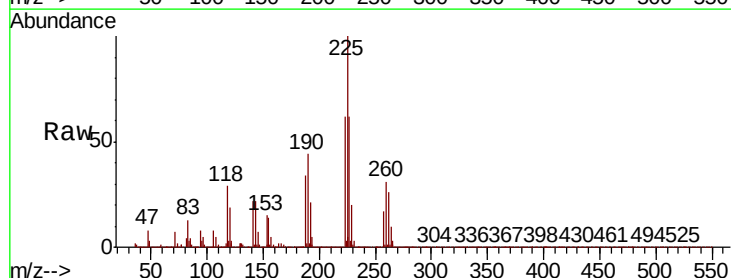
Instrument :
BNA_P
ClientSampleId :
PB131143BS

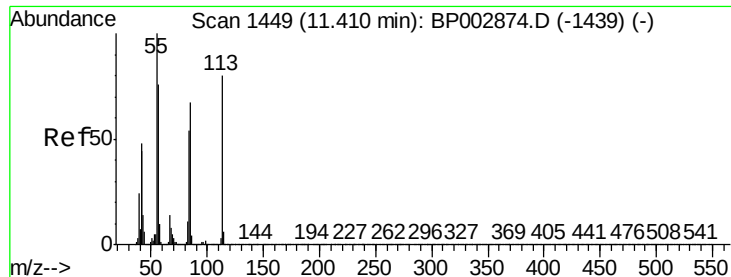
Tot Ion:	127	Resp:	720419
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	19.9	16.7	25.1
92	15.9	12.8	19.2



#34
Hexachlorobutadiene
Concen: 34.583 ng
RT: 10.80 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:	225	Resp:	401328
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	61.6	51.0	76.6

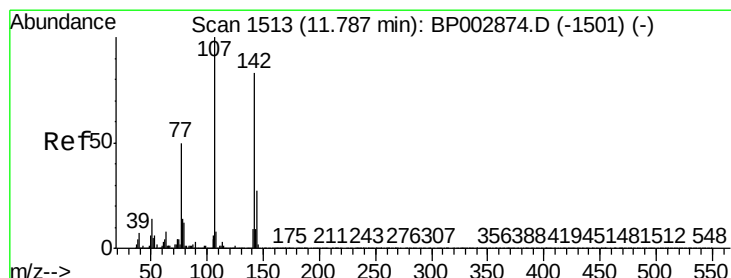
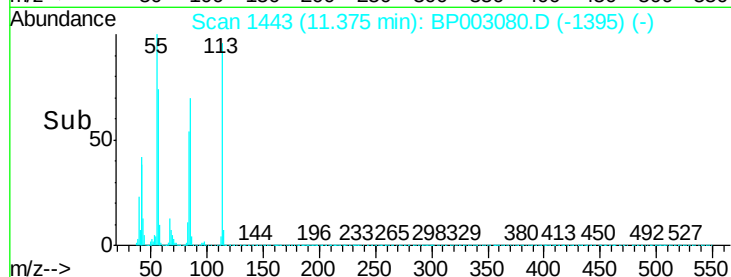
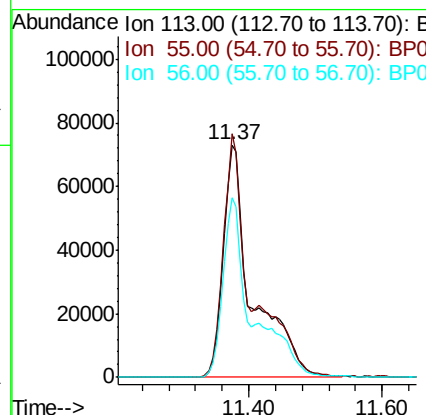
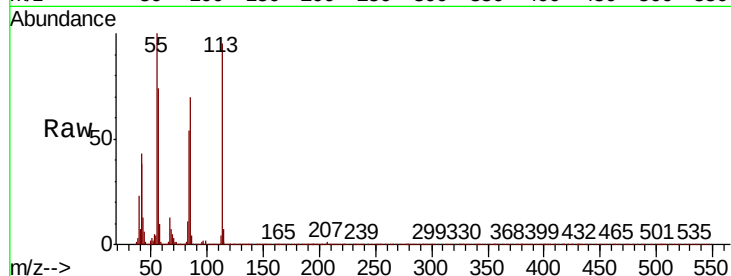




#35
Caprolactam
Concen: 44.811 ng
RT: 11.37 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

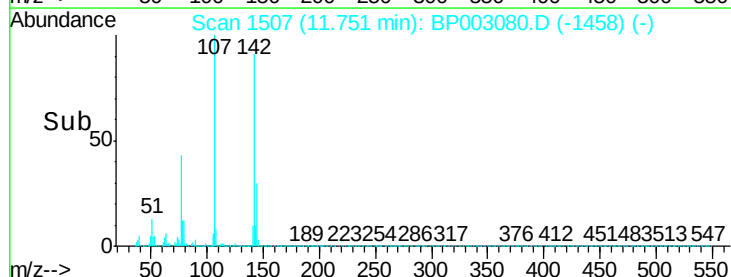
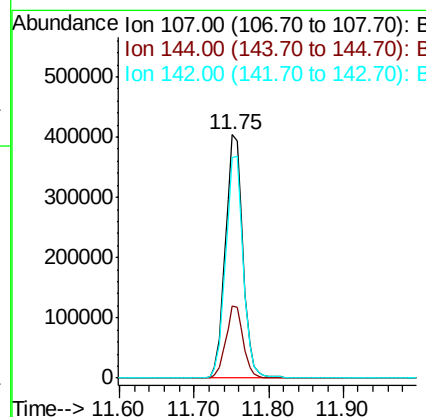
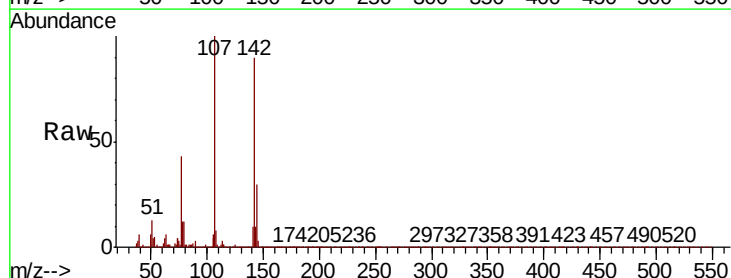
Instrument :
BNA_P
ClientSampleId :
PB131143BS

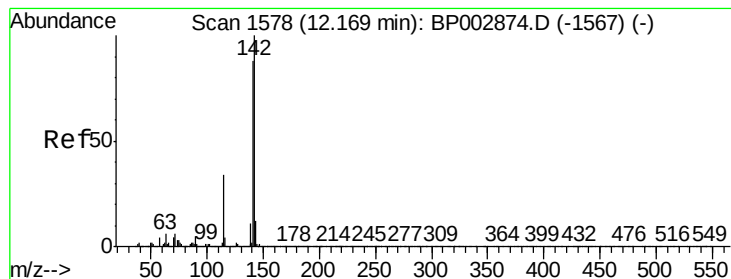
Tot Ion:113 Resp: 224925
Ion Ratio Lower Upper
113 100
55 104.8 87.1 127.1
56 77.1 61.0 101.0



#36
4-Chloro-3-methylphenol
Concen: 39.295 ng
RT: 11.75 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:107 Resp: 662639
Ion Ratio Lower Upper
107 100
144 29.6 23.8 35.6
142 90.5 74.2 111.4





#37

2-Methylnaphthalene

Concen: 38.607 ng

RT: 12.13 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

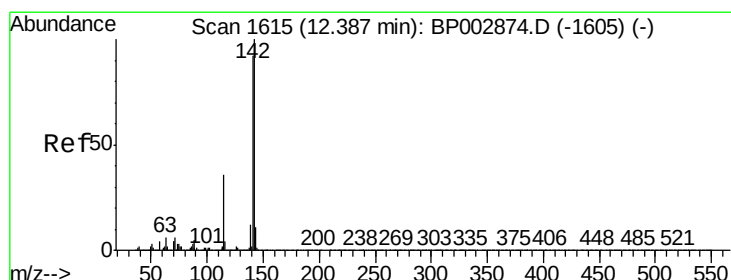
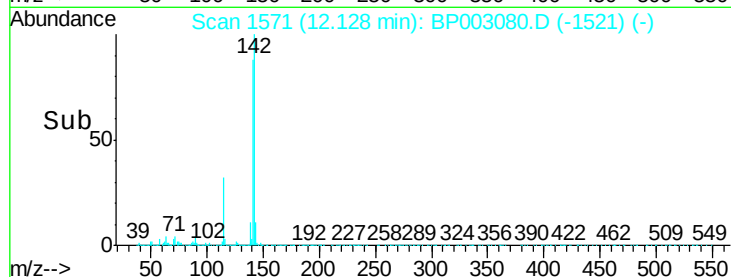
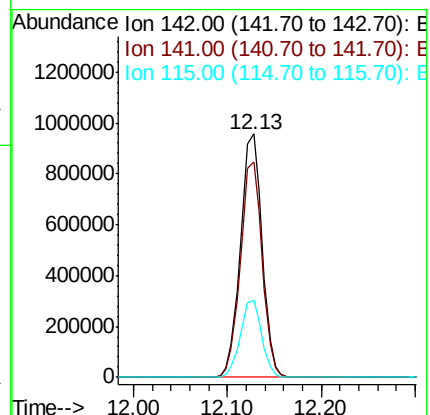
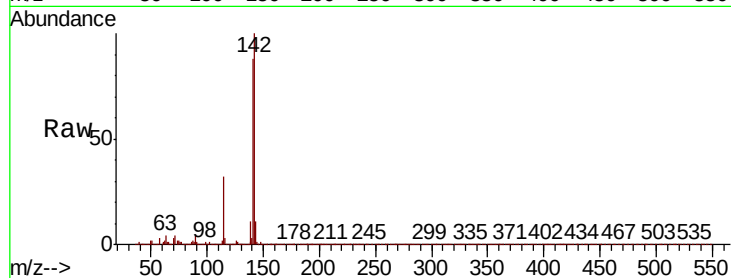
Tot Ion:142 Resp: 1534043

Ion Ratio Lower Upper

142 100

141 88.3 70.5 105.7

115 31.6 25.0 37.4



#38

1-Methylnaphthalene

Concen: 38.917 ng

RT: 12.35 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

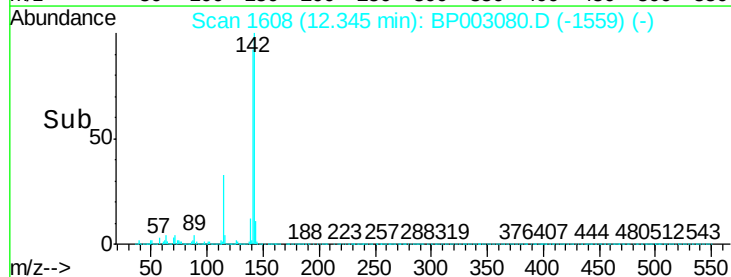
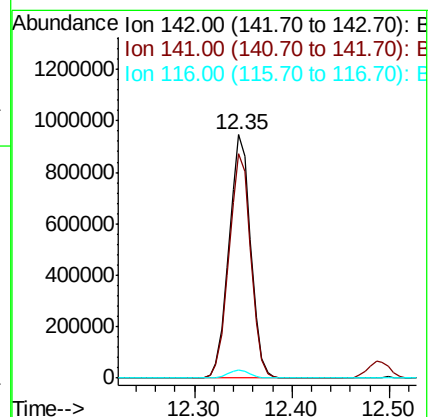
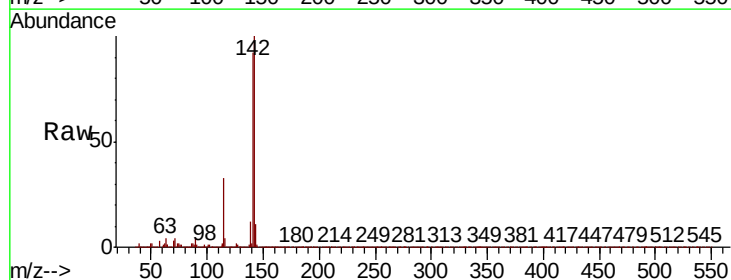
Tgt Ion:142 Resp: 1455631

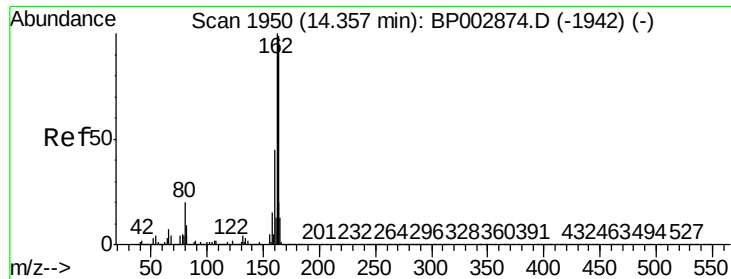
Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3

116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

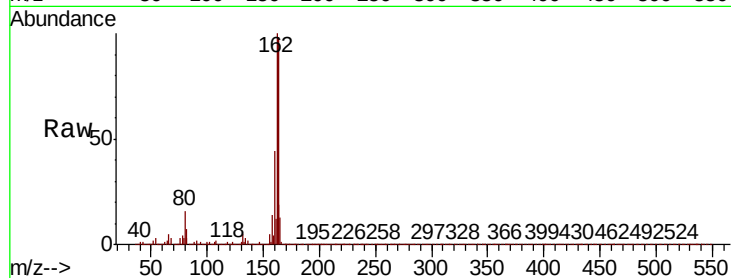
Tot Ion:164 Resp: 609072

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

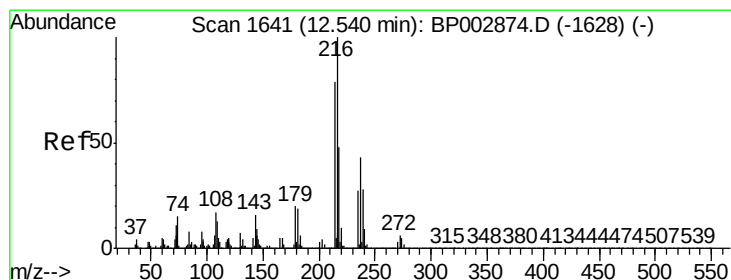
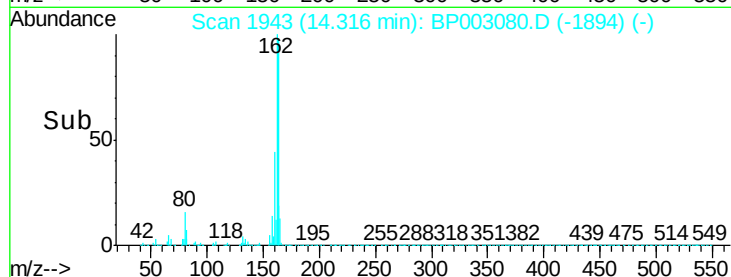
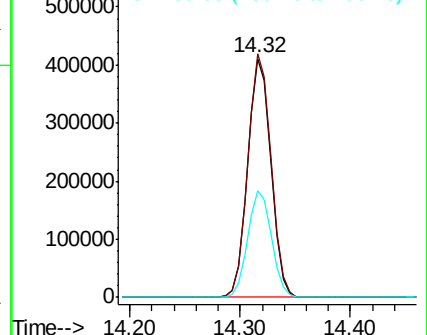
160 44.4 35.5 53.3



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: 33.482 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion:216 Resp: 733194

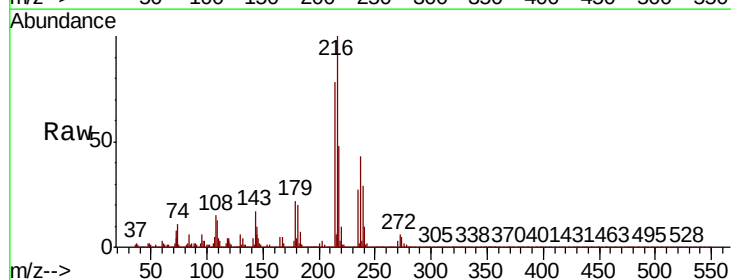
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 21.4 17.3 25.9

108 18.1 13.6 20.4

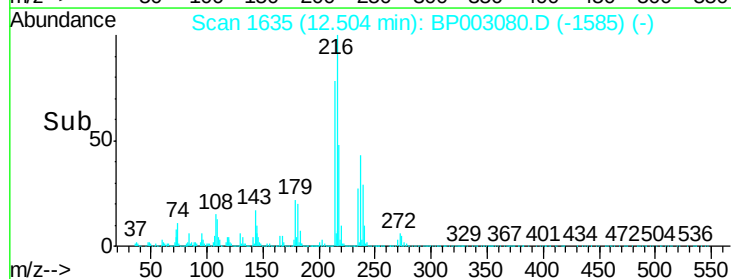
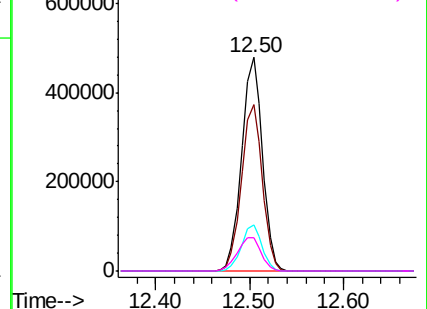


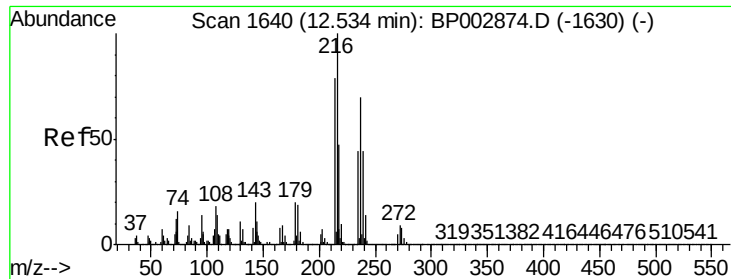
Abundance Ion 216.00 (215.70 to 216.70): E

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

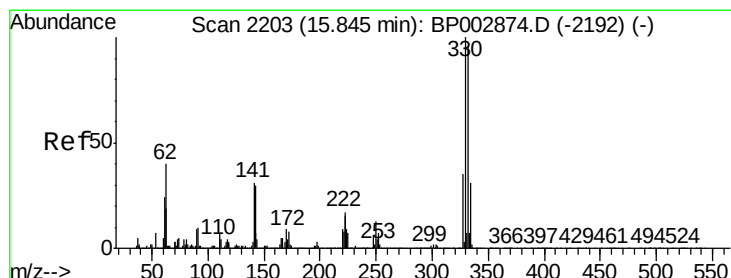
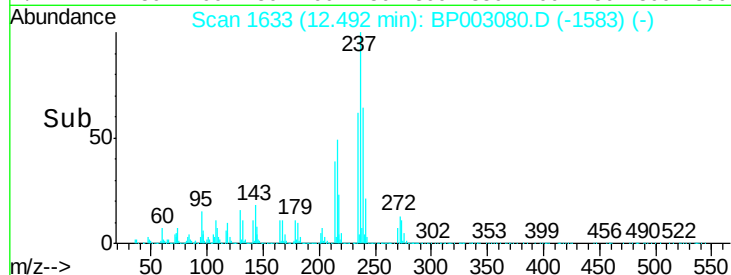
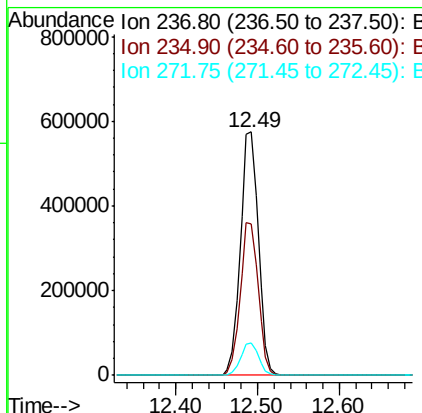
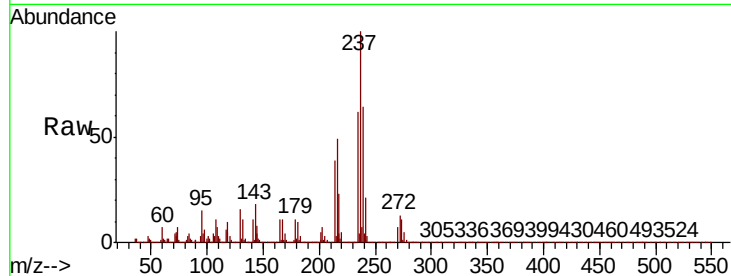




#41
Hexachlorocyclopentadiene
Concen: 77.237 ng
RT: 12.49 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

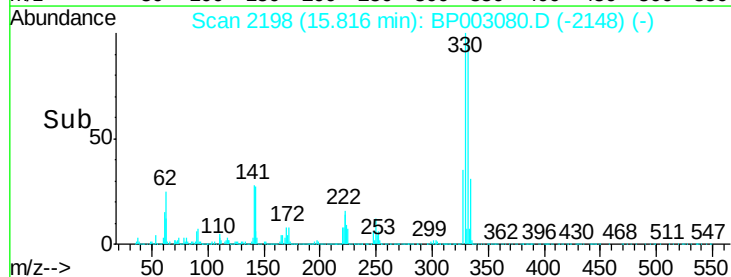
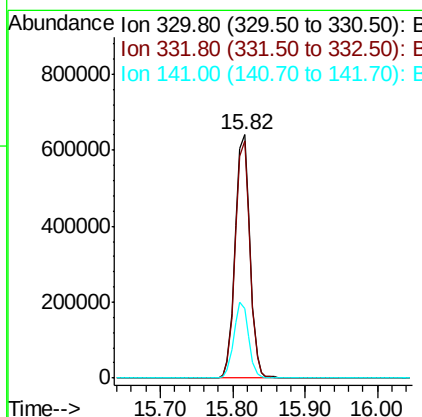
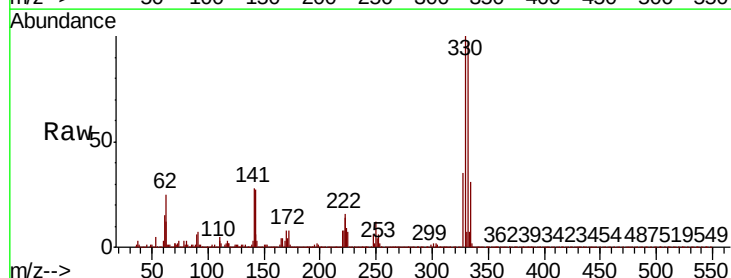
Instrument :
BNA_P
ClientSampleId :
PB131143BS

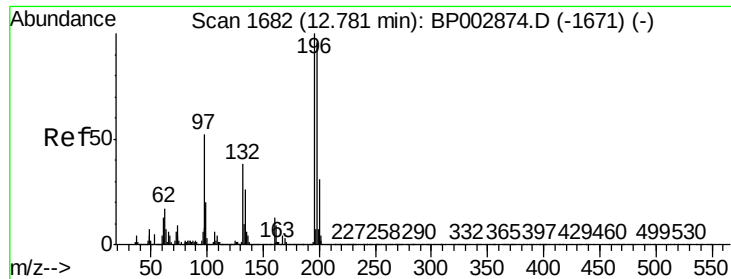
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.8	83.8
272	13.4	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 121.290 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.8	26.7	40.1

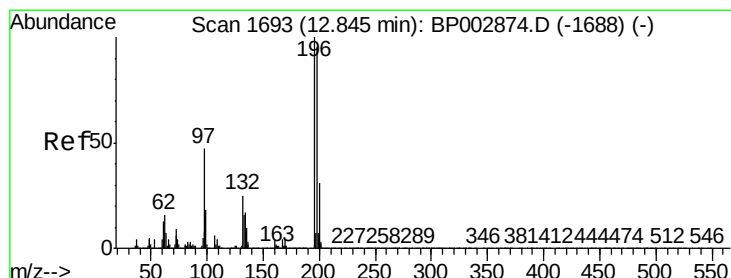
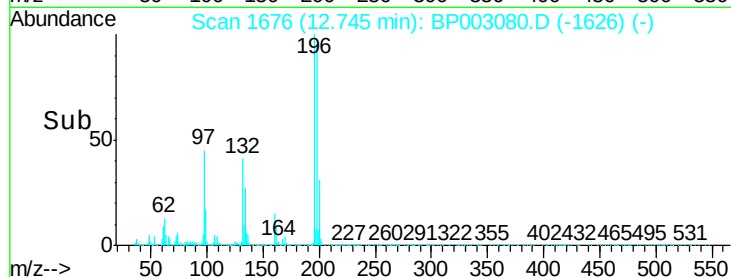
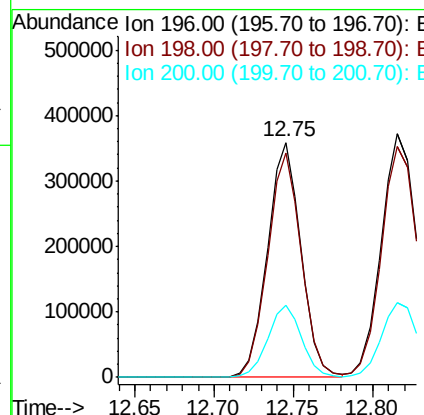
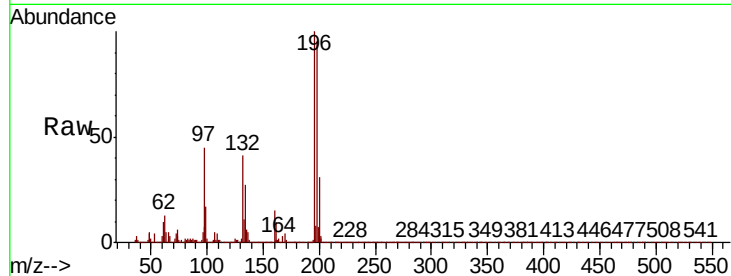




#43
 2,4,6-Trichlorophenol
 Concen: 41.605 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

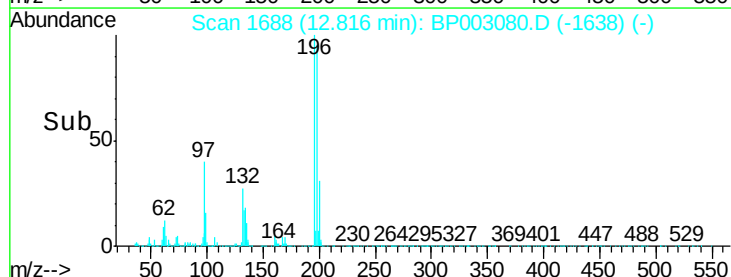
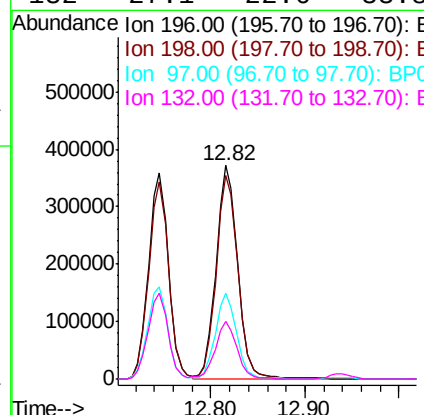
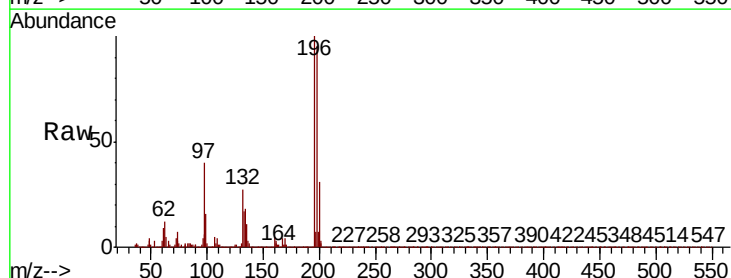
Instrument :
 BNA_P
 ClientSampleID :
 PB131143BS

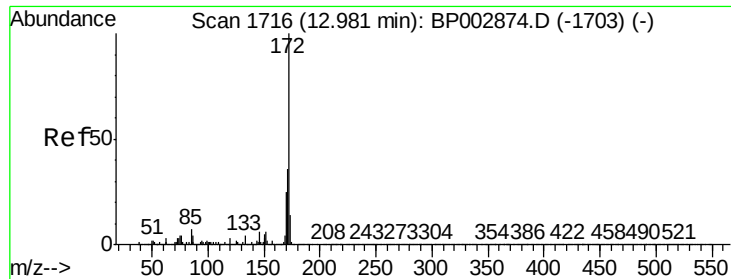
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.2
200	30.5	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.846 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.8	115.2
97	40.4	33.6	50.4
132	27.1	22.6	33.8

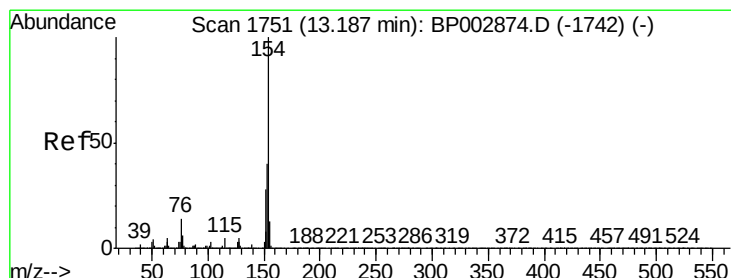
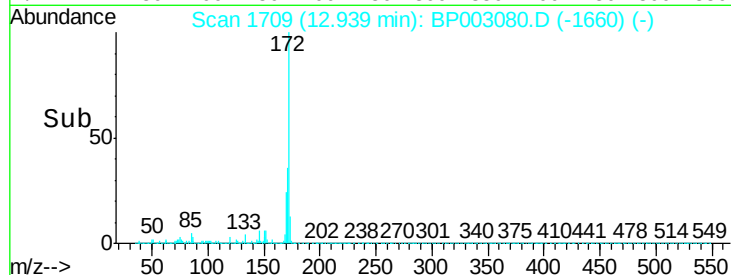
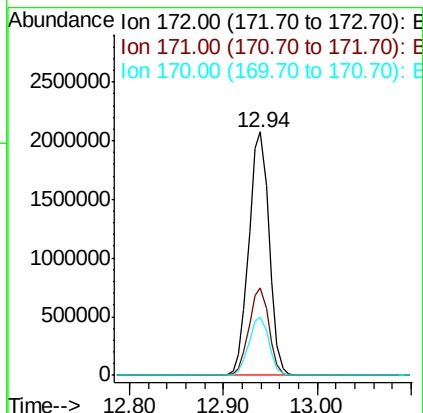
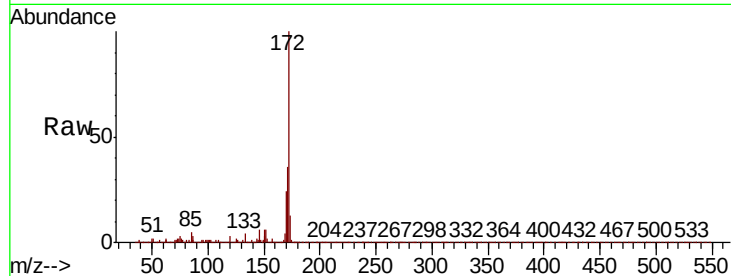




#45
2-Fluorobiphenyl
Concen: 69.301 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

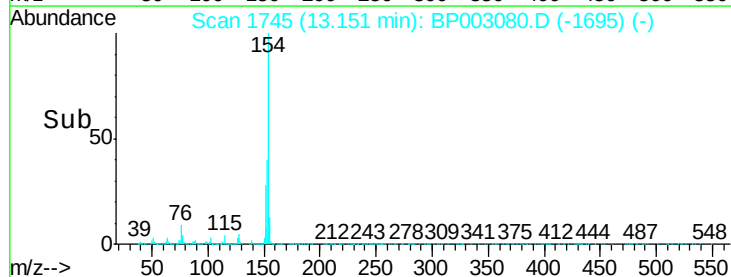
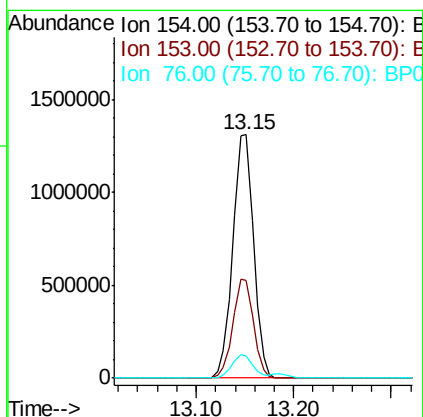
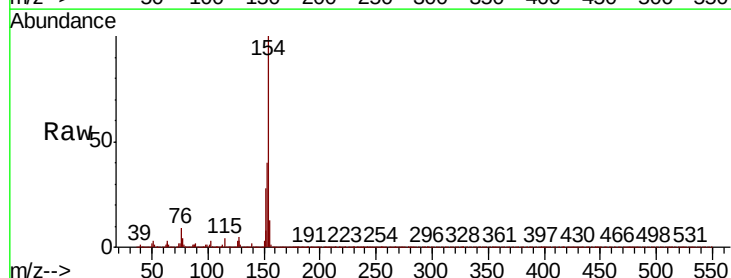
Instrument :
BNA_P
ClientSampleId :
PB131143BS

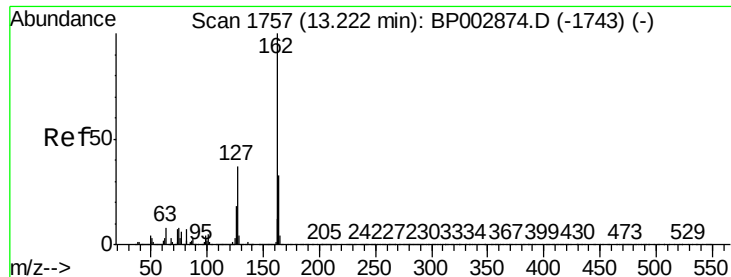
Tot Ion:172 Resp: 3089304
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 38.471 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:154 Resp: 1937068
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 9.2 0.0 30.1

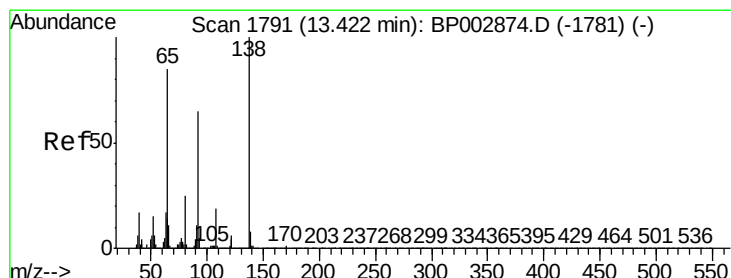
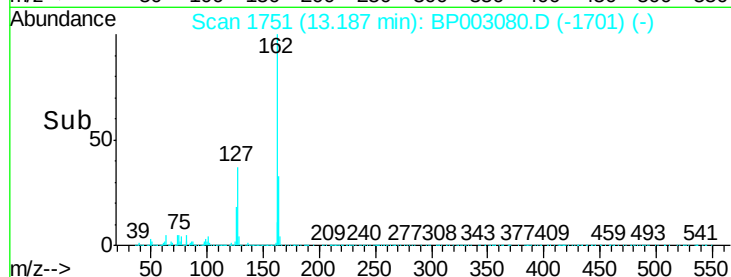
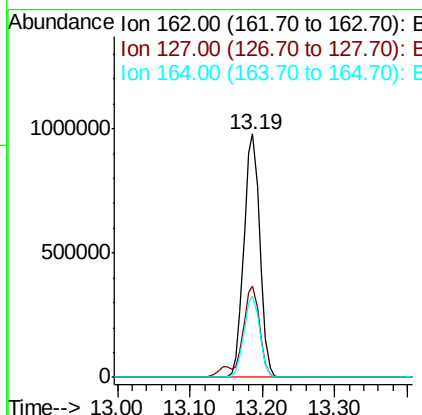
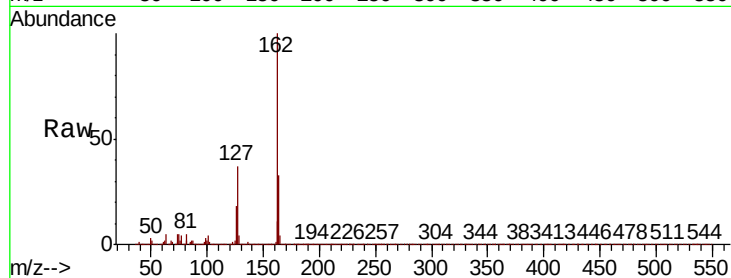




#47
2-Chloronaphthalene
Concen: 37.938 ng
RT: 13.19 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

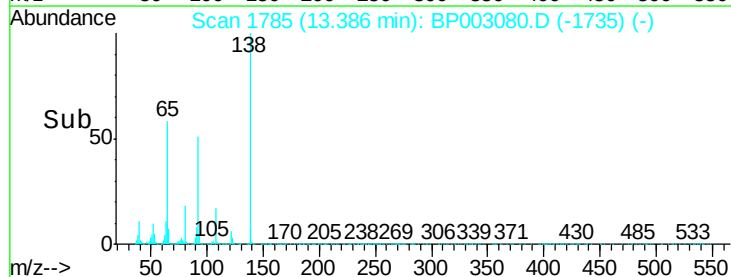
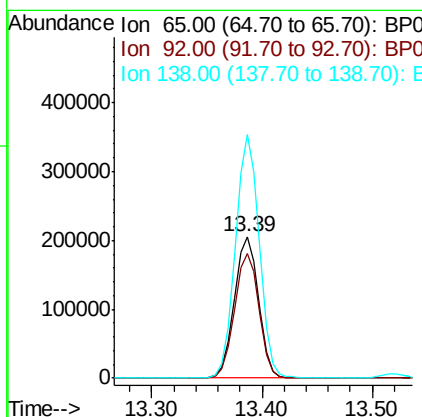
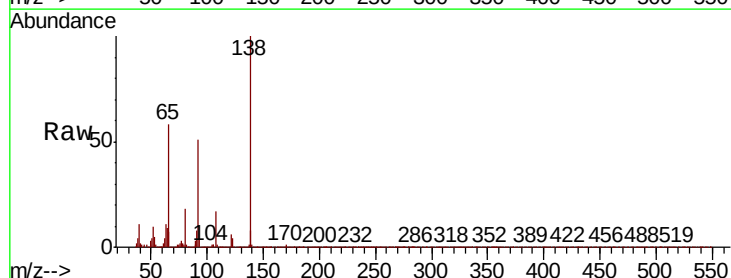
Instrument :
BNA_P
ClientSampleId :
PB131143BS

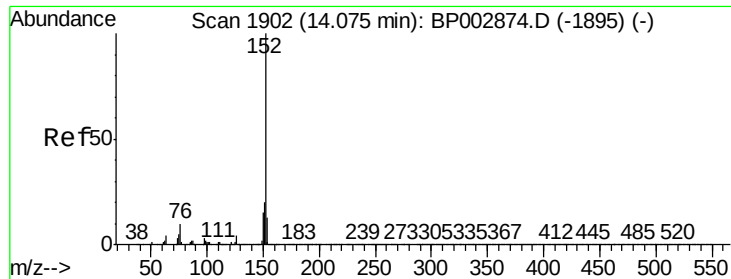
Tot Ion:162 Resp: 1495828
Ion Ratio Lower Upper
162 100
127 37.4 30.6 46.0
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 33.717 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion: 65 Resp: 318920
Ion Ratio Lower Upper
65 100
92 88.4 70.1 105.1
138 172.1 129.7 194.5





#49

Acenaphthylene

Concen: 40.224 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

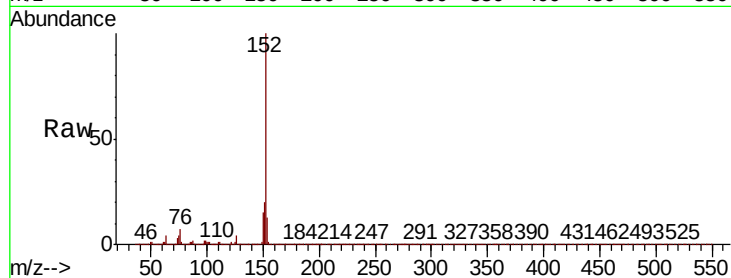
BNA_P

ClientSampleId :

PB131143BS

Tot Ion:152 Resp: 2487265

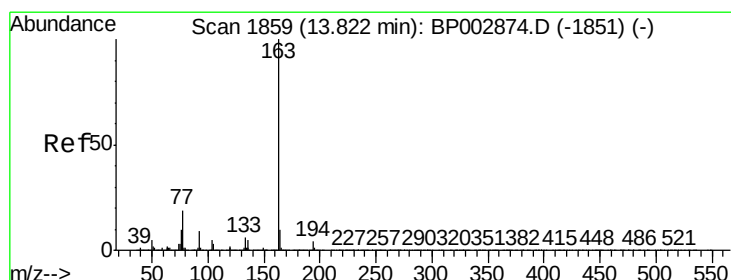
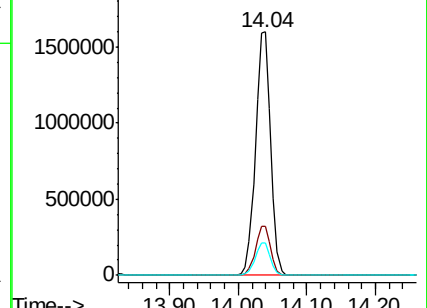
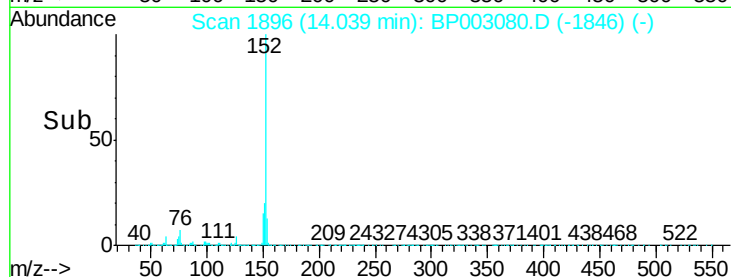
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	13.1	10.7	16.1



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: 41.581 ng

RT: 13.78 min Scan# 1852

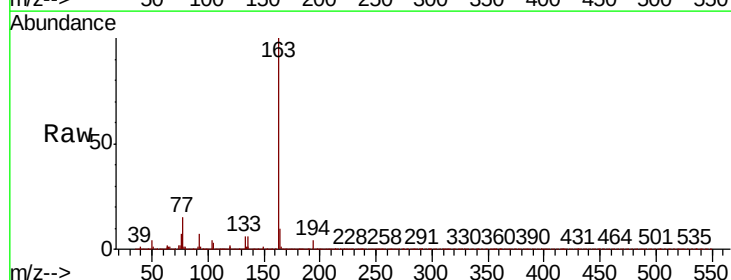
Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion:163 Resp: 1980805

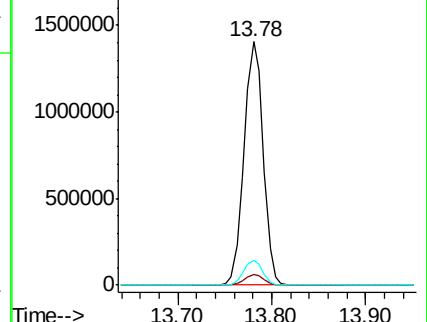
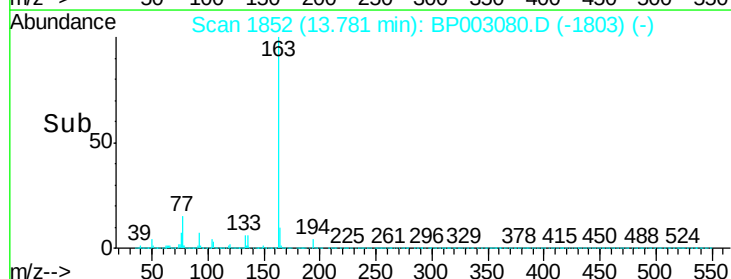
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.2	8.1	12.1

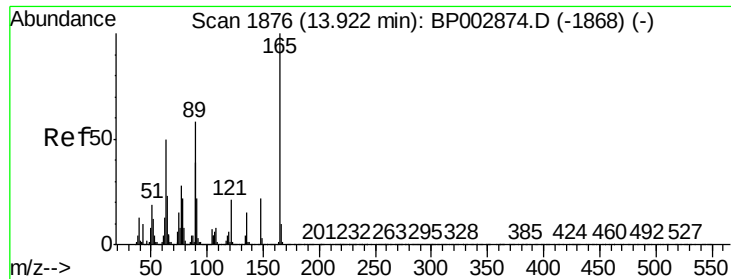


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

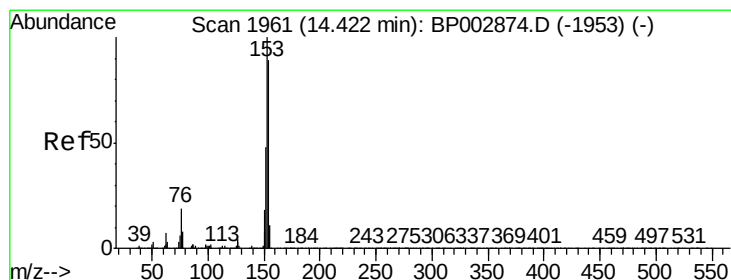
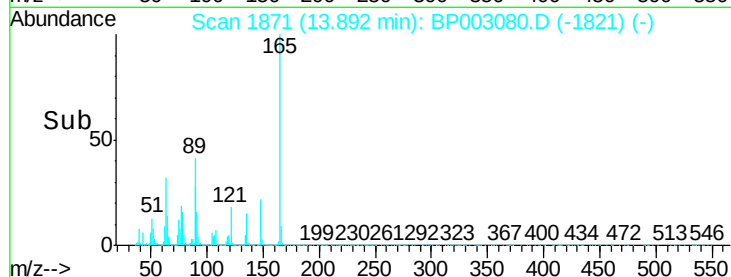
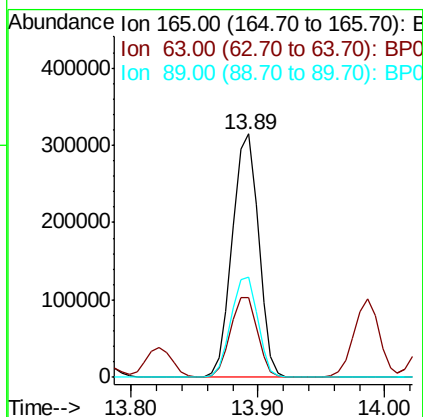
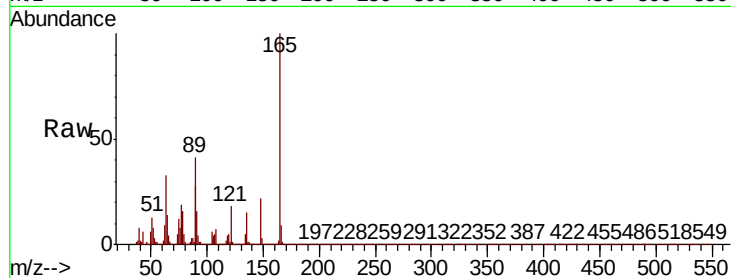




#51
2,6-Dinitrotoluene
Concen: 42.280 ng
RT: 13.89 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

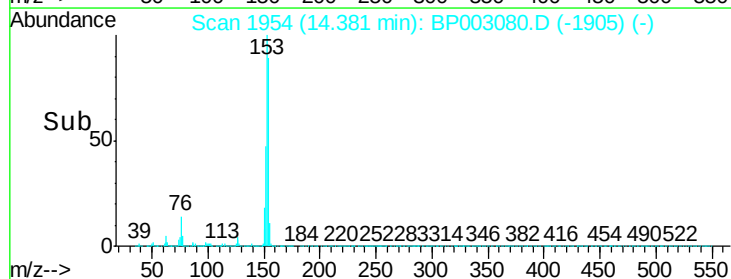
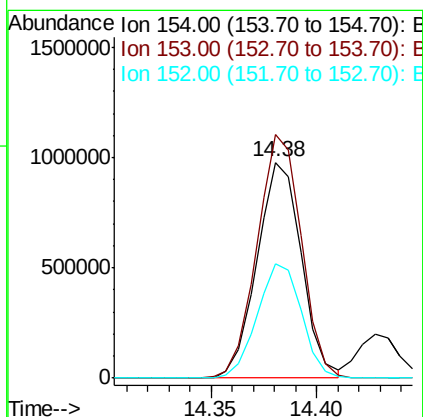
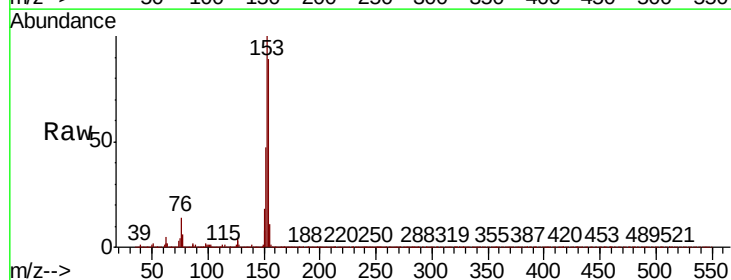
Instrument :
BNA_P
ClientSampleId :
PB131143BS

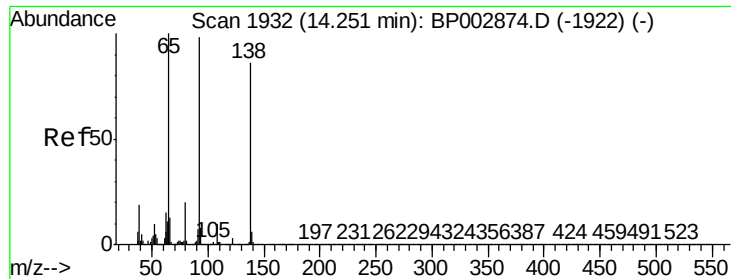
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.5	28.1	42.1
89	41.2	34.5	51.7



#52
Acenaphthene
Concen: 36.011 ng
RT: 14.38 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.5	134.3
152	53.0	42.7	64.1

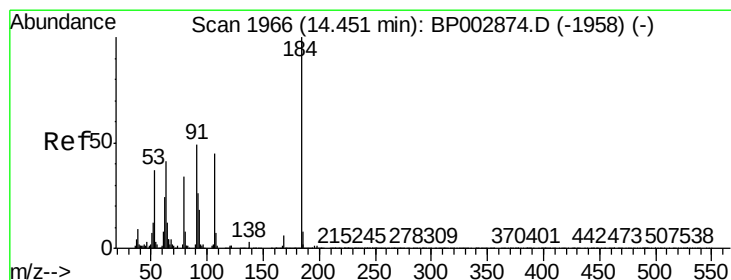
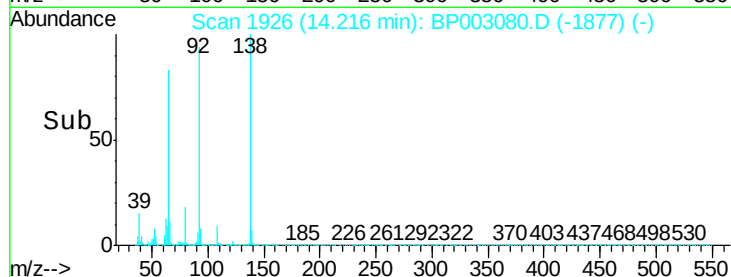
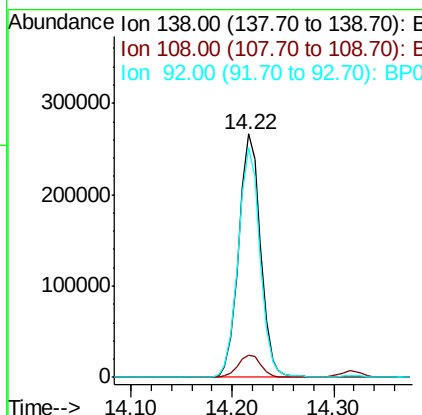
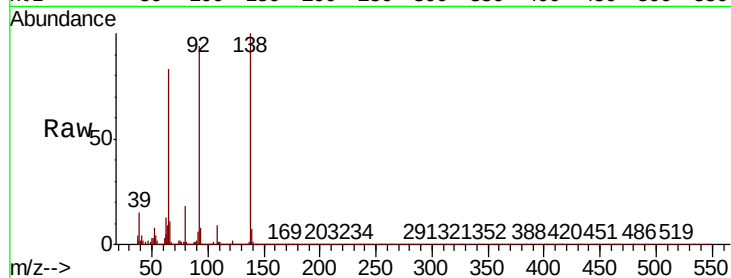




#53
 3-Nitroaniline
 Concen: 36.367 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

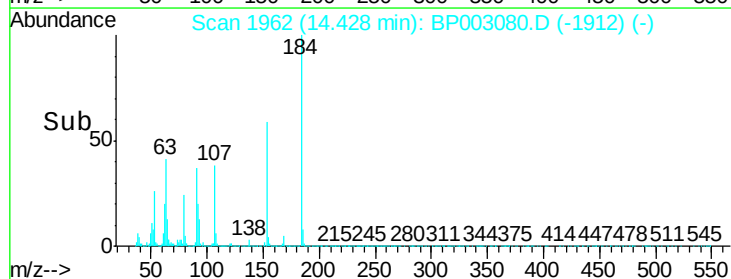
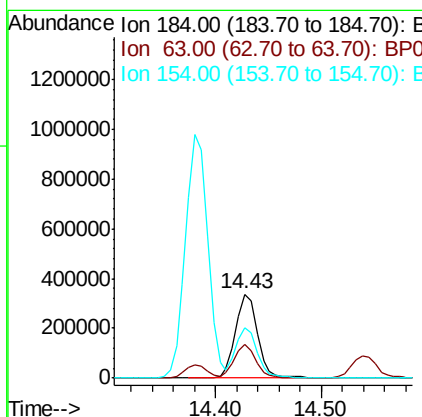
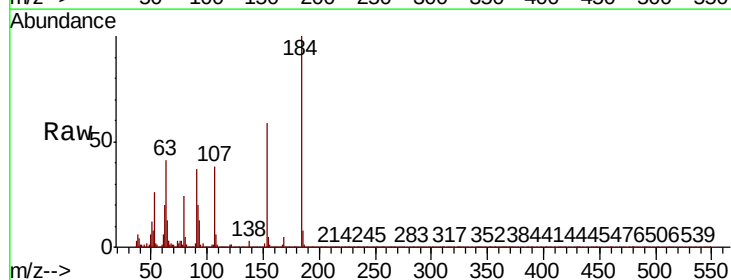
Instrument :
 BNA_P
 ClientSampleId :
 PB131143BS

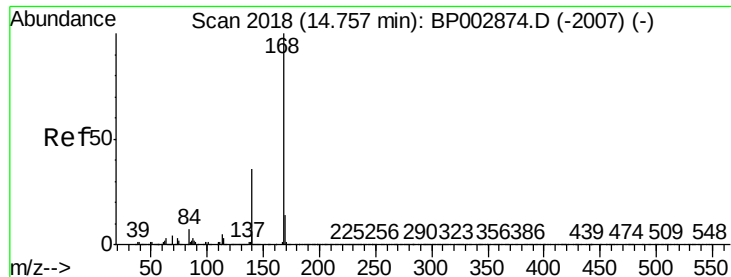
Tot Ion:138 Resp: 400456
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.7 11.5
 92 94.2 75.6 113.4



#54
 2,4-Dinitrophenol
 Concen: 105.745 ng
 RT: 14.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Tgt Ion:184 Resp: 491429
 Ion Ratio Lower Upper
 184 100
 63 40.9 33.0 49.6
 154 59.3 46.8 70.2

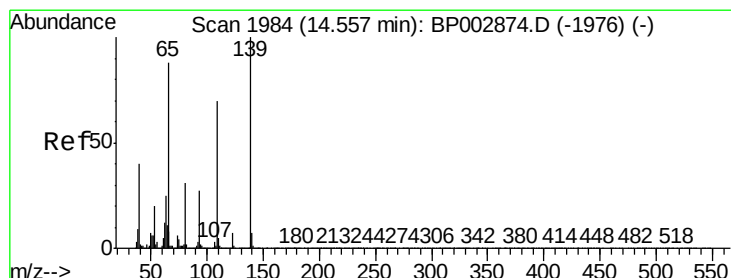
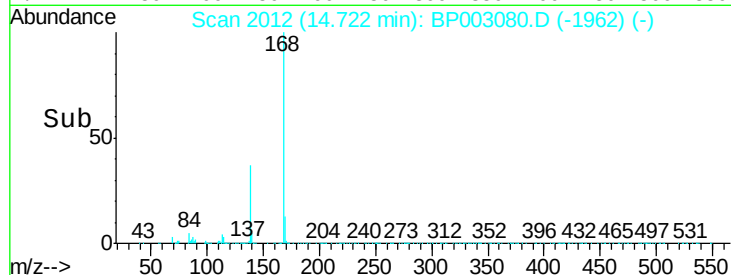
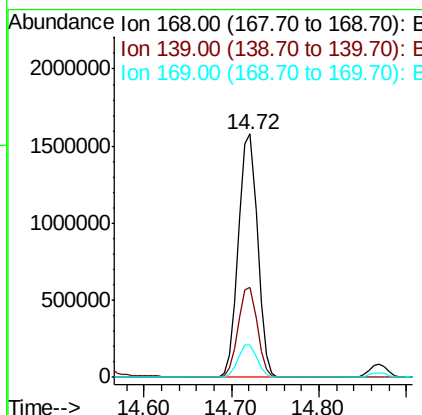
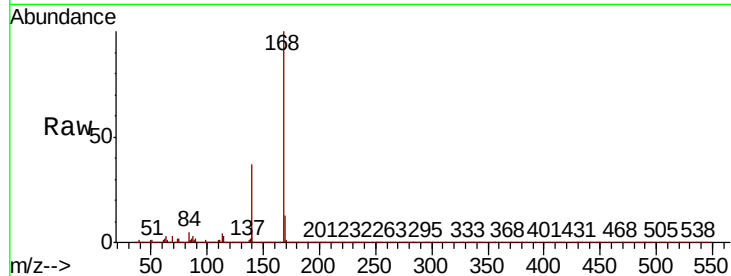




#55
Dibenzofuran
Concen: 37.891 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

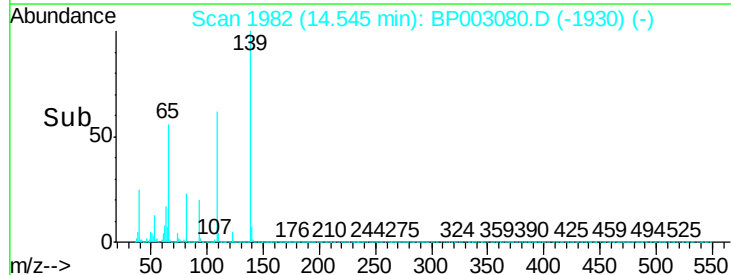
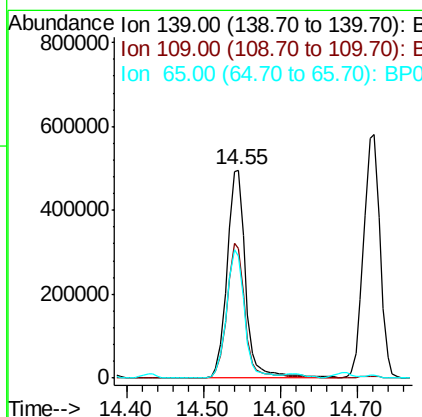
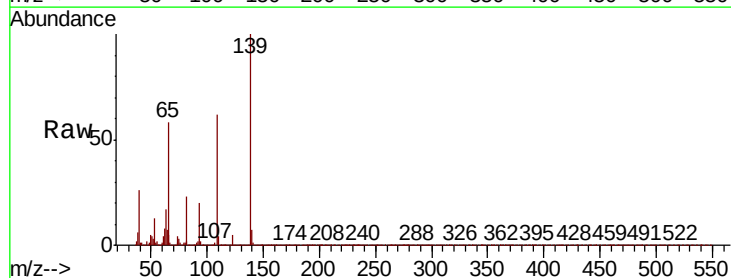
Instrument :
BNA_P
ClientSampleId :
PB131143BS

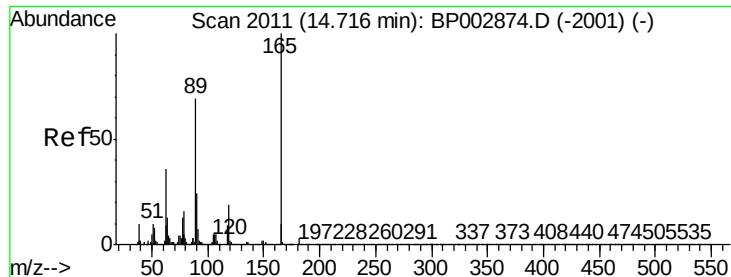
Tot Ion:168 Resp: 2309844
Ion Ratio Lower Upper
168 100
139 36.8 30.4 45.6
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 99.154 ng
RT: 14.55 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:139 Resp: 837584
Ion Ratio Lower Upper
139 100
109 62.1 41.1 81.1
65 58.4 44.4 84.4

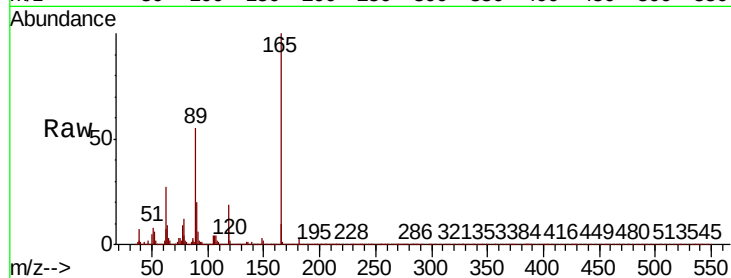




#57
2,4-Dinitrotoluene
Concen: 44.812 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Instrument :
BNA_P
ClientSampleId :
PB131143BS

Tot Ion:165	Resp: 630299
Ion Ratio	Lower Upper
165 100	
63 26.6	20.6 31.0
89 55.2	43.4 65.0
182 3.1	2.3 3.5

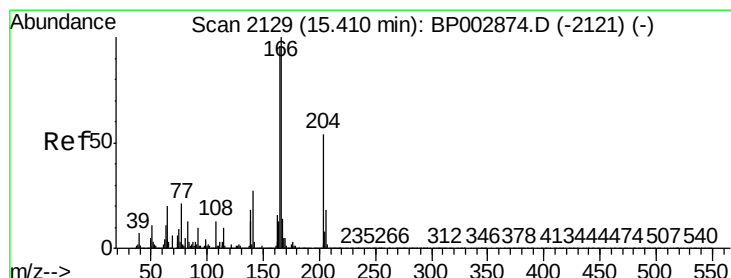
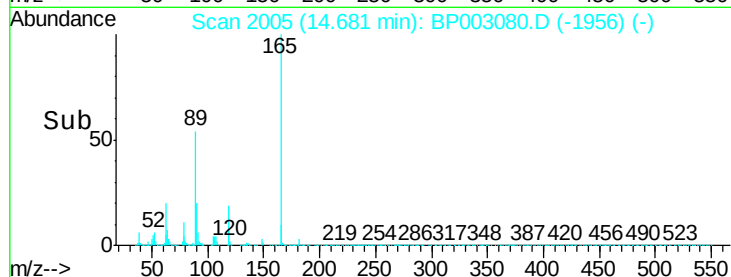
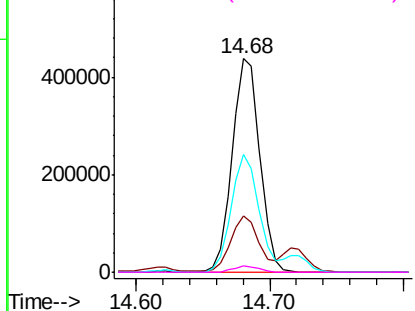


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

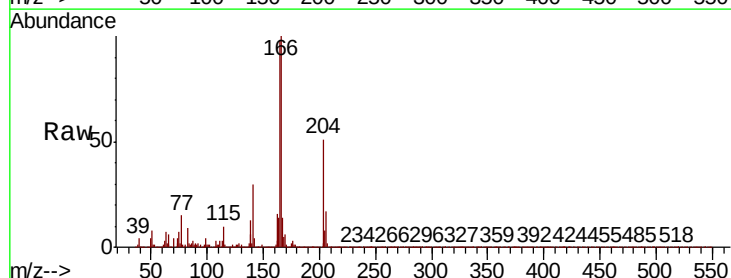
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.161 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

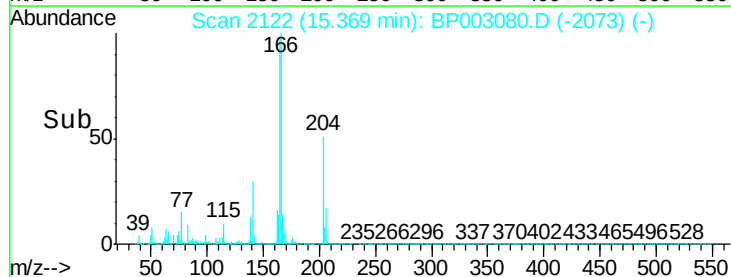
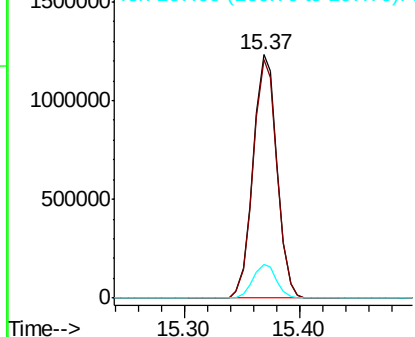
Tgt	Ion:166	Resp:	1773682
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	13.6	10.9	16.3

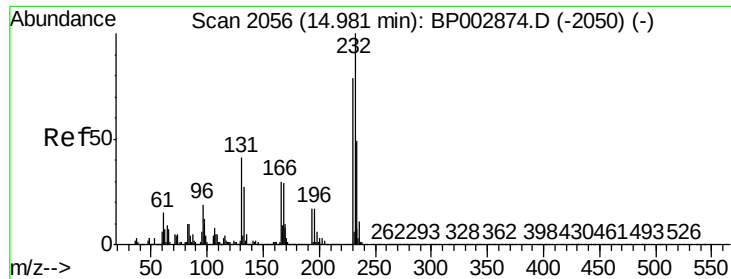


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

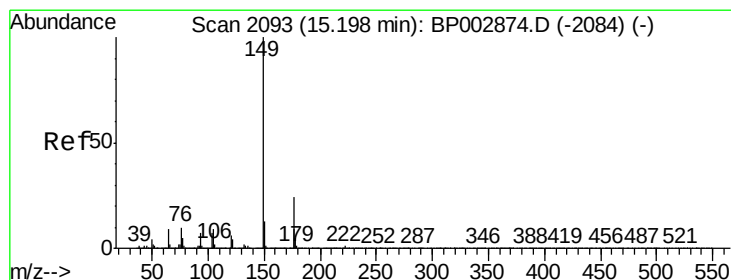
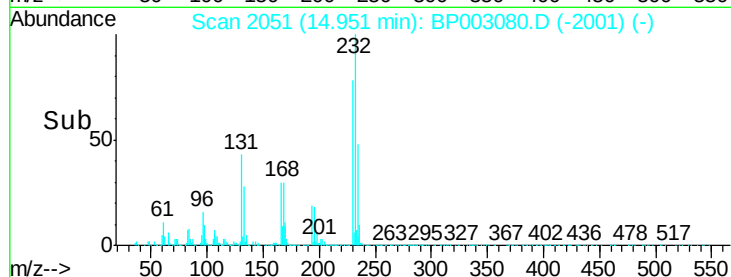
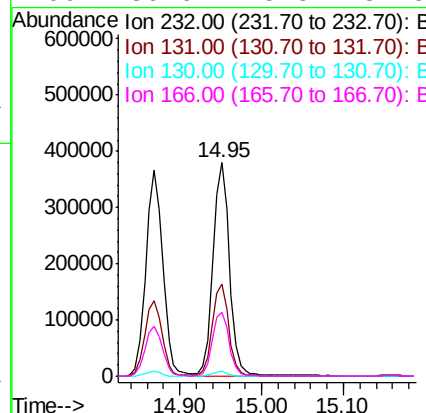
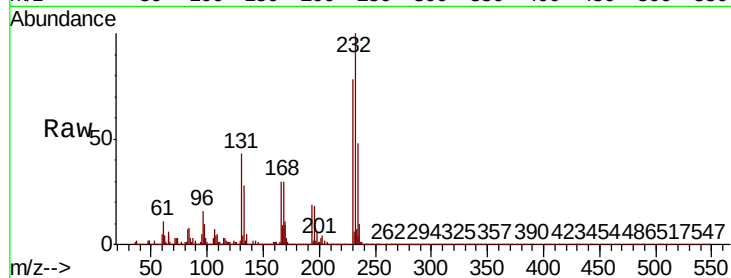




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.880 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

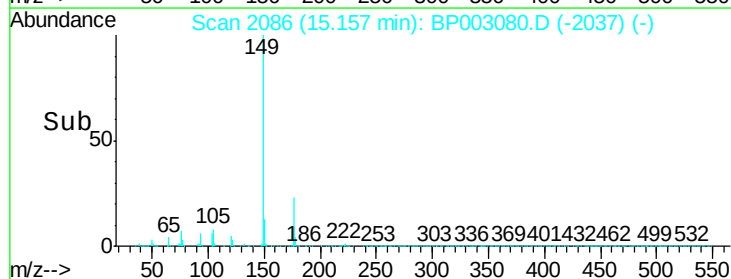
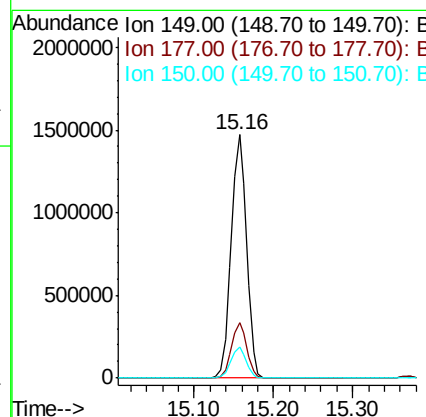
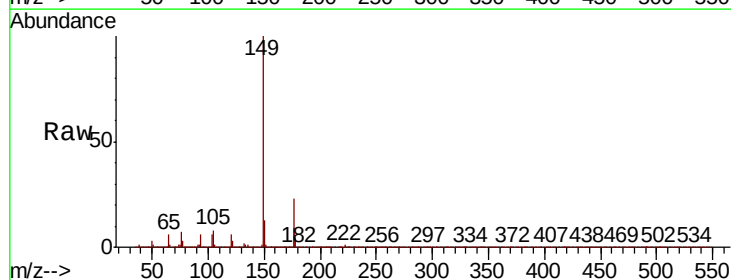
Instrument :
 BNA_P
 ClientSampleId :
 PB131143BS

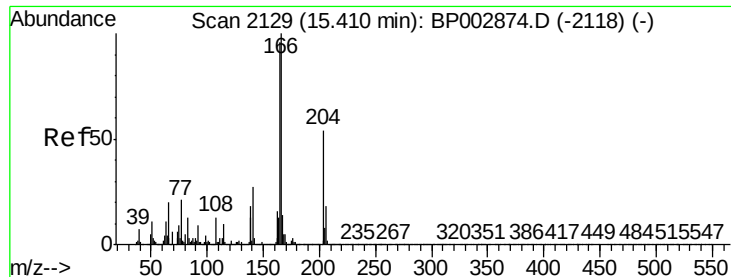
Tot Ion:	232	Resp:	532988
Ion	Ratio	Lower	Upper
232	100		
131	42.9	35.4	53.2
130	2.2	1.8	2.6
166	30.6	25.3	37.9



#60
 Diethylphthalate
 Concen: 42.355 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Tgt Ion:	149	Resp:	1971592
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.6	27.8
150	12.7	10.2	15.4

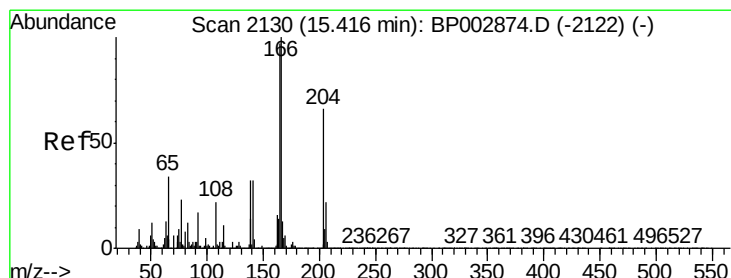
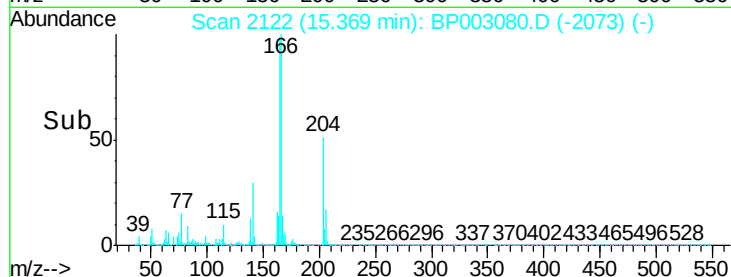
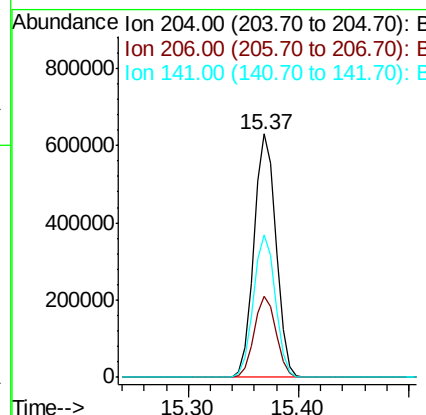
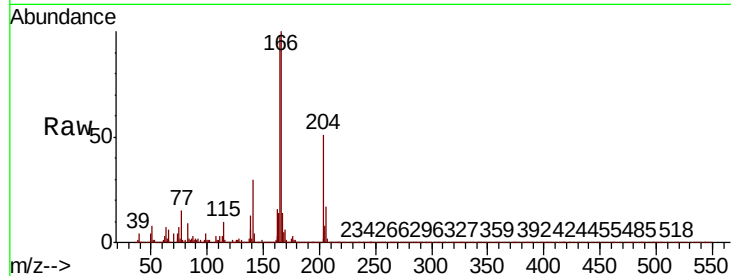




#61
4-Chlorophenyl-phenylether
Concen: 36.033 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

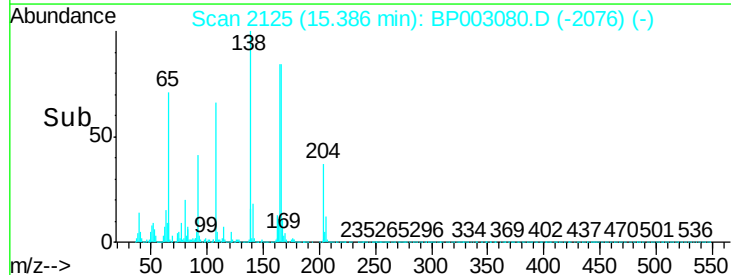
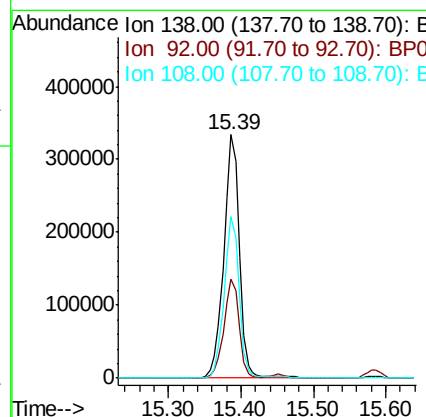
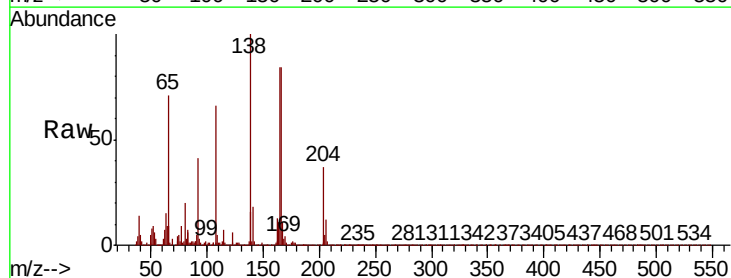
Instrument :
BNA_P
ClientSampleId :
PB131143BS

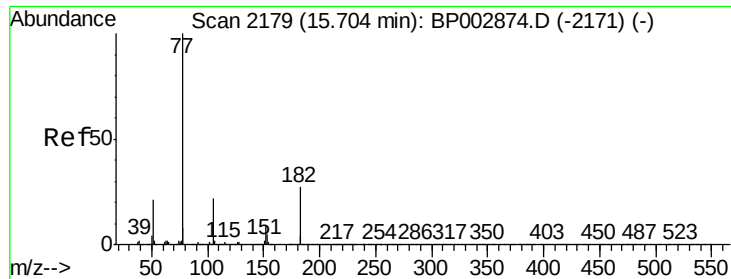
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	58.7	45.9	68.9



#62
4-Nitroaniline
Concen: 45.527 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.7	21.4	61.4
108	66.3	40.8	80.8





#63

Azobenzene

Concen: 28.754 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

Tot Ion: 77 Resp: 1347458

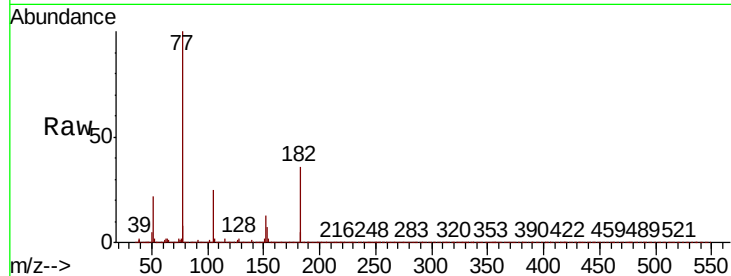
Ion Ratio Lower Upper

77 100

182 35.6 15.4 55.4

105 25.0 5.8 45.8

51 21.9 1.0 41.0

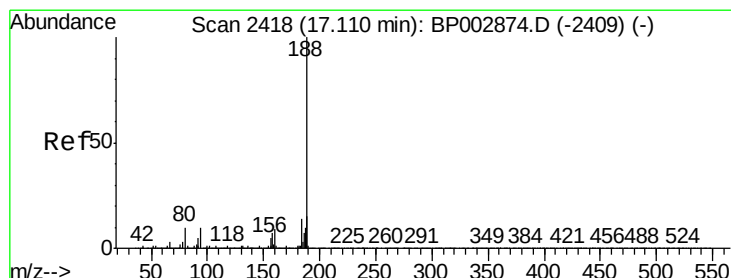
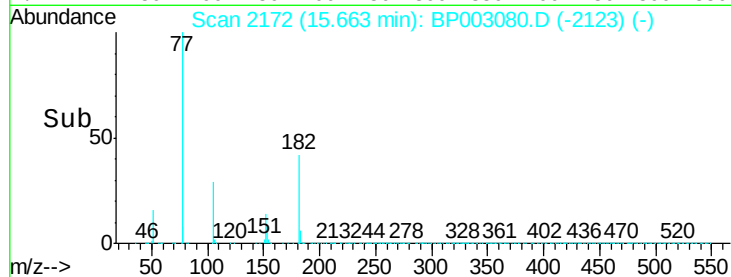
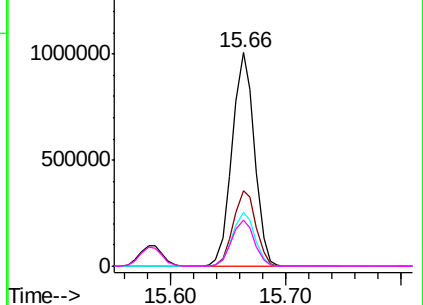


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

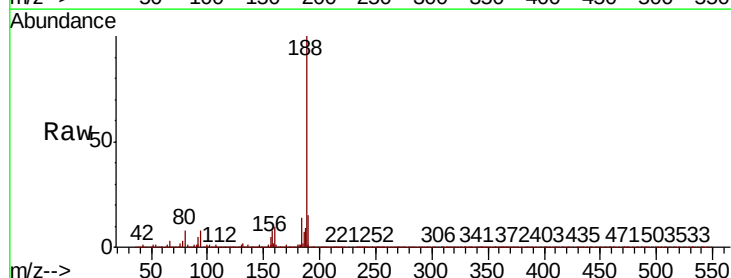
Tgt Ion: 188 Resp: 1339741

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

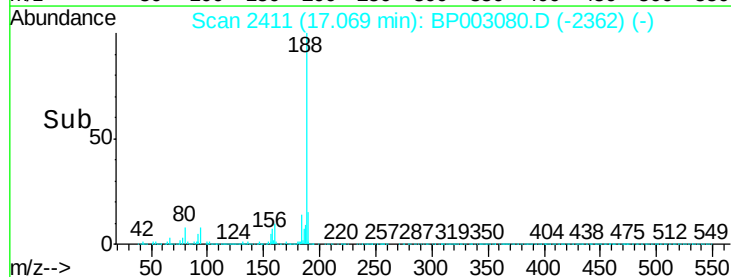
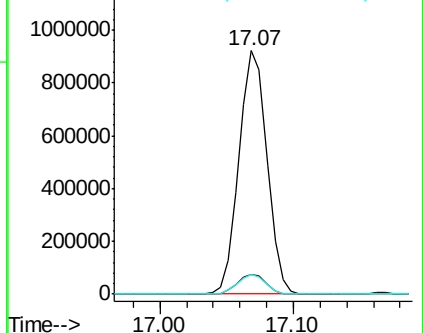
80 8.3 6.7 10.1

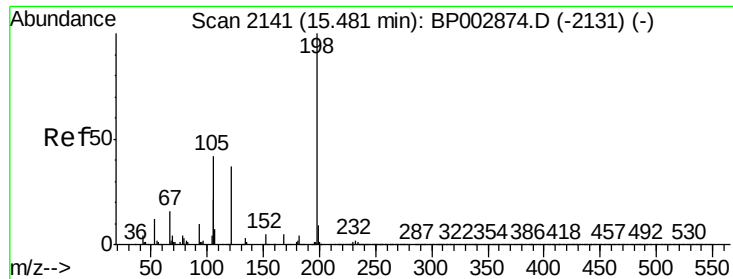


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

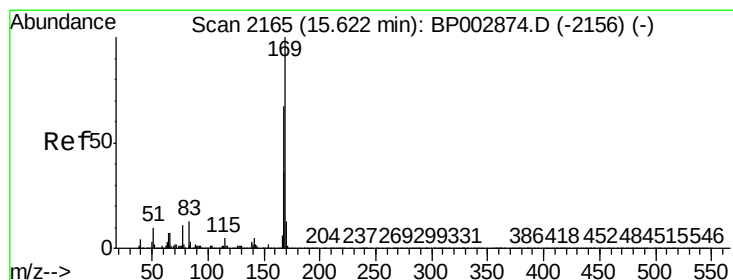
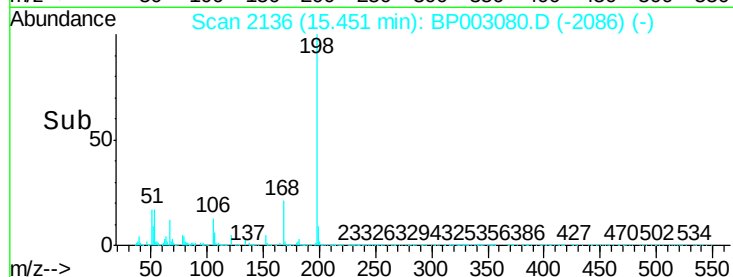
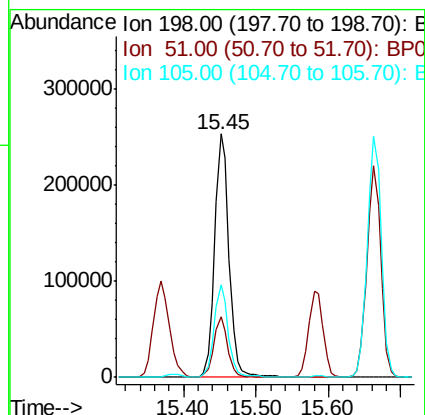
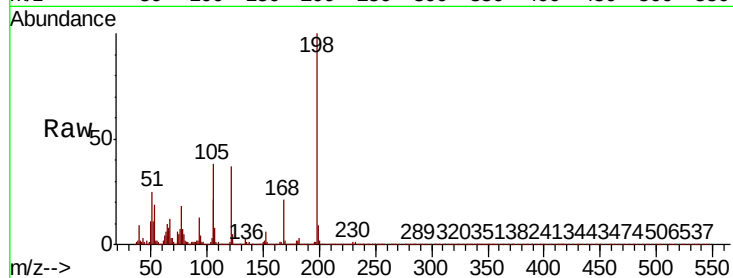




#65
4,6-Dinitro-2-methylphenol
Concen: 49.955 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

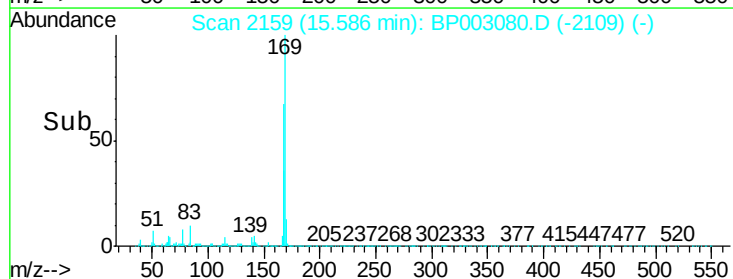
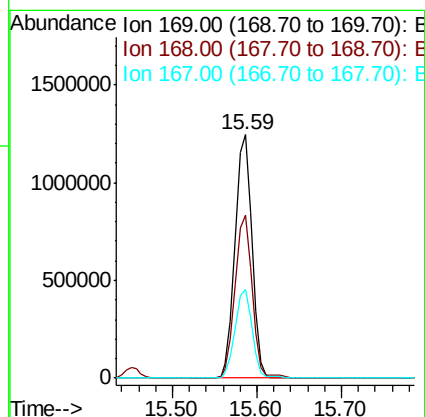
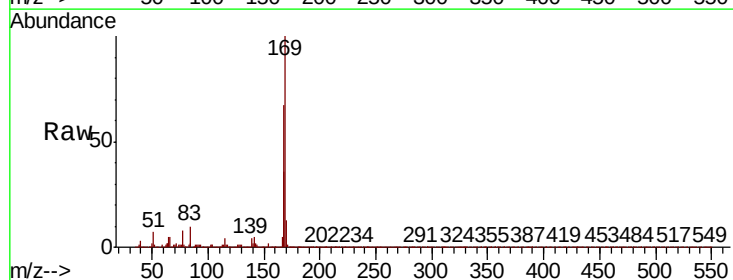
Instrument :
BNA_P
ClientSampleId :
PB131143BS

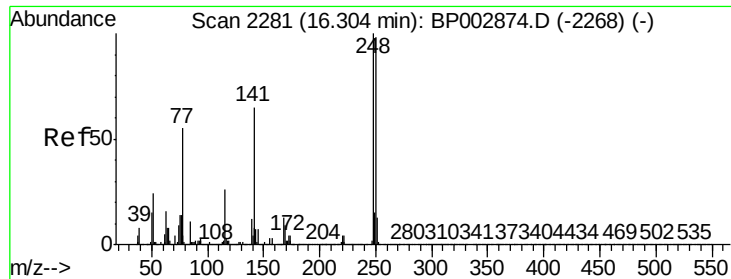
Tot Ion	Ratio	Lower	Upper
198	100		
51	24.7	6.2	46.2
105	38.0	19.9	59.9



#66
n-Nitrosodiphenylamine
Concen: 38.227 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	36.5	28.8	43.2

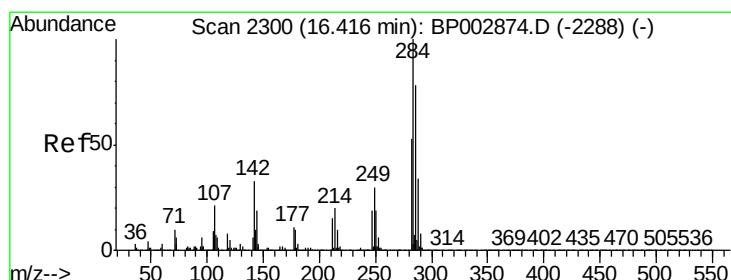
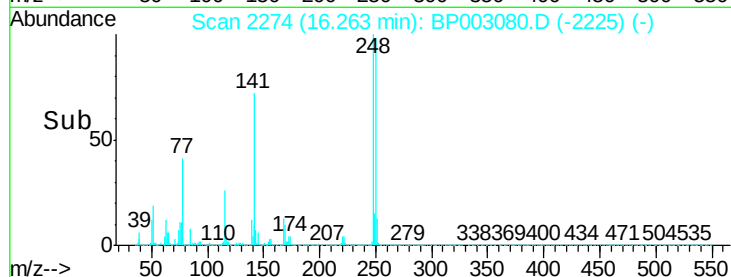
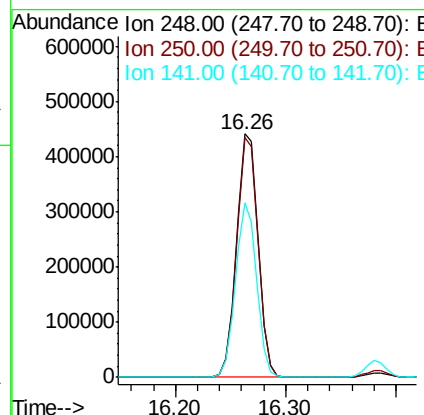
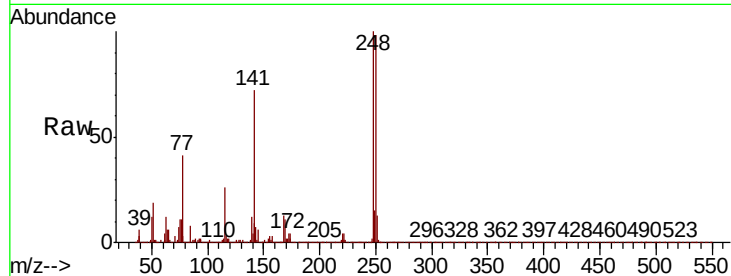




#67
4-Bromophenyl-phenylether
Concen: 37.198 ng
RT: 16.26 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

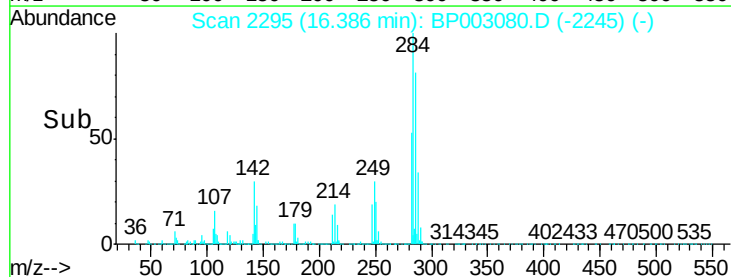
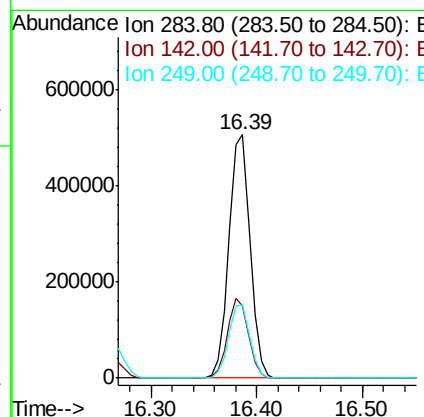
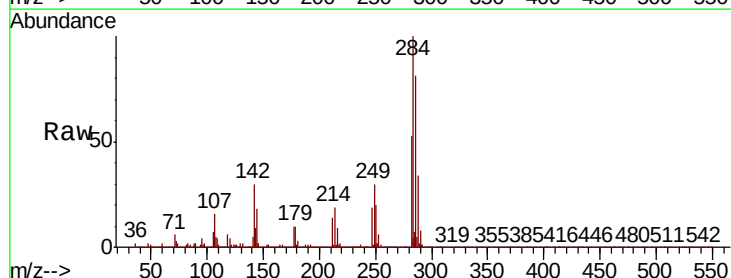
Instrument :
BNA_P
ClientSampleId :
PB131143BS

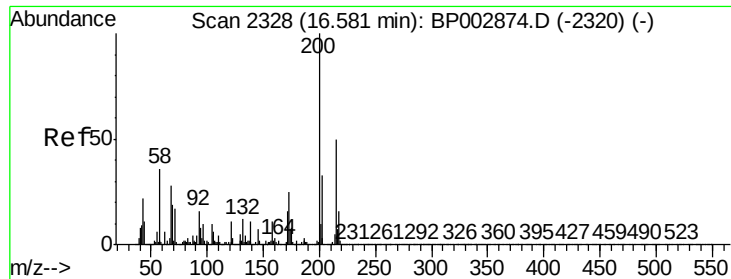
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.7	118.1
141	71.9	57.8	86.6



#68
Hexachlorobenzene
Concen: 37.293 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	27.6	41.4
249	30.0	24.6	37.0





#69

Atrazine

Concen: 36.391 ng

RT: 16.55 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampled :

PB131143BS

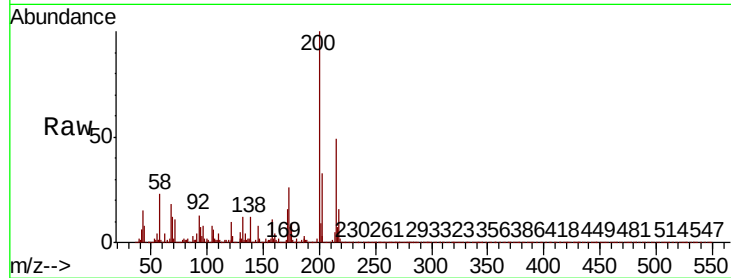
Tot Ion:200 Resp: 547044

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

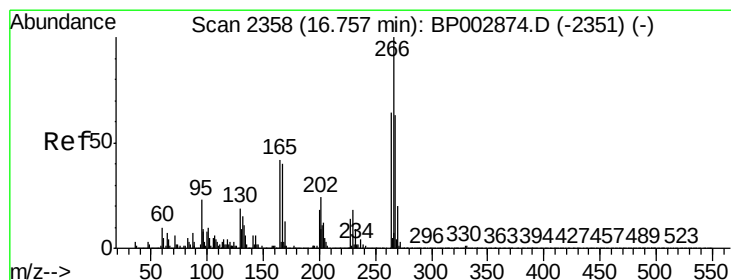
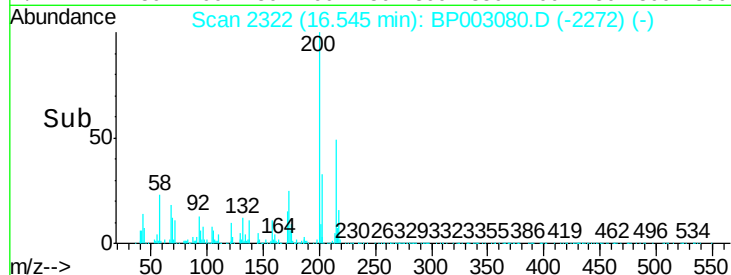
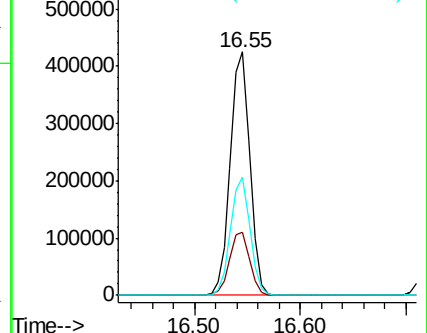
215 48.6 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.026 ng

RT: 16.73 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

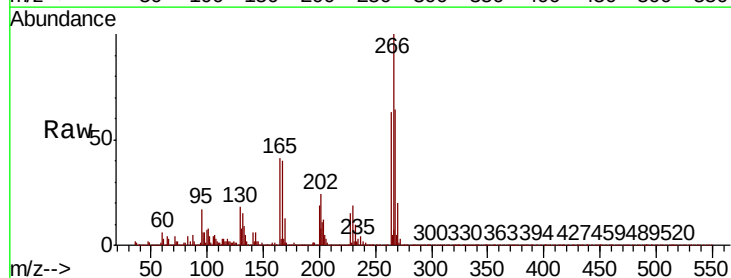
Tgt Ion:266 Resp: 919217

Ion Ratio Lower Upper

266 100

268 64.0 50.9 76.3

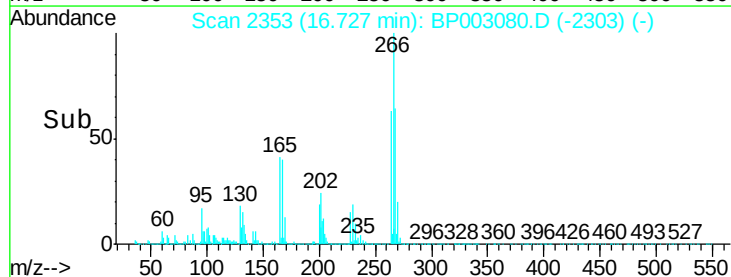
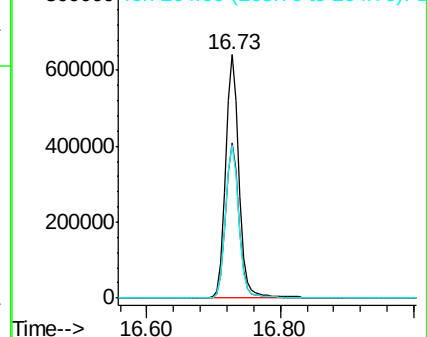
264 62.8 50.4 75.6

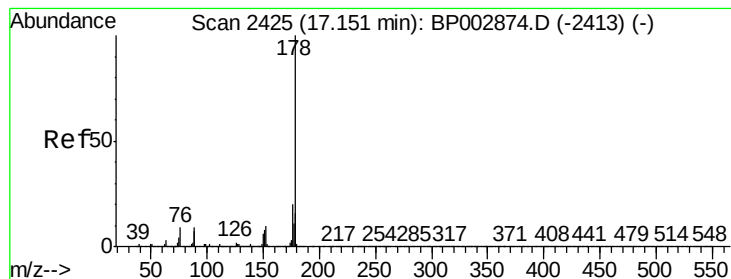


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.588 ng

RT: 17.11 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

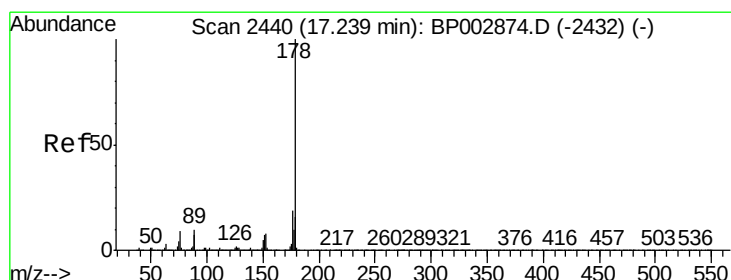
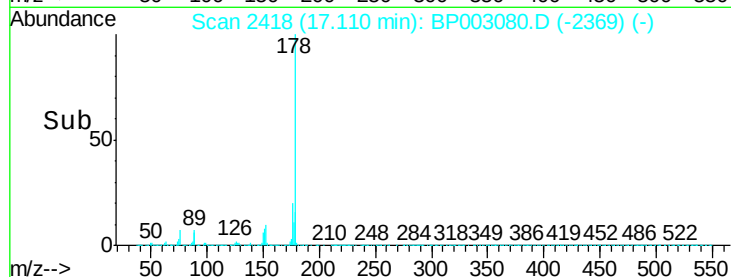
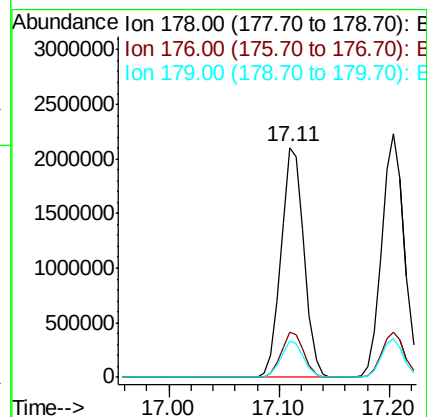
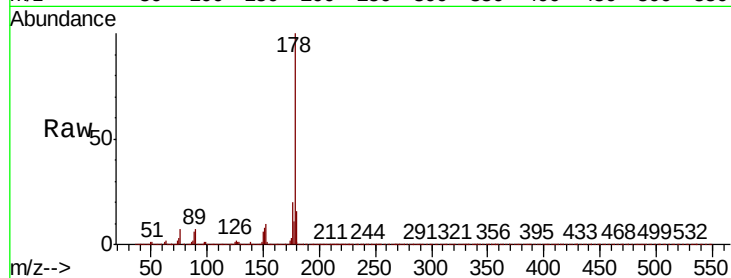
BNA_P

ClientSampleId :

PB131143BS

Tot Ion:178 Resp: 3031518

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	12.9	19.3



#72

Anthracene

Concen: 40.990 ng

RT: 17.20 min Scan# 2434

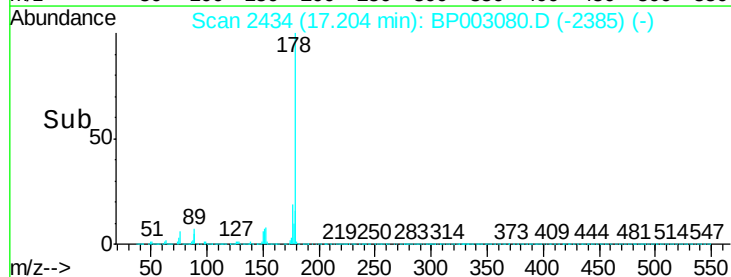
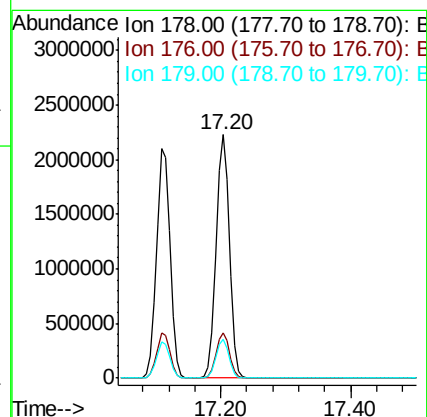
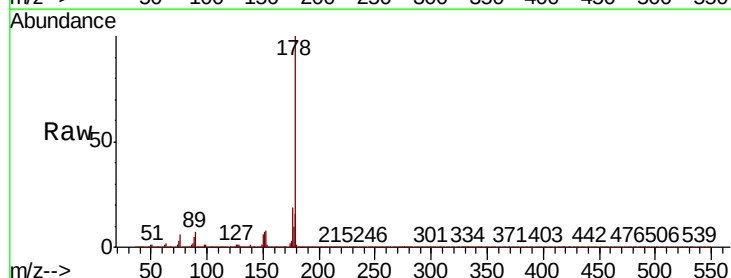
Delta R.T. -0.01 min

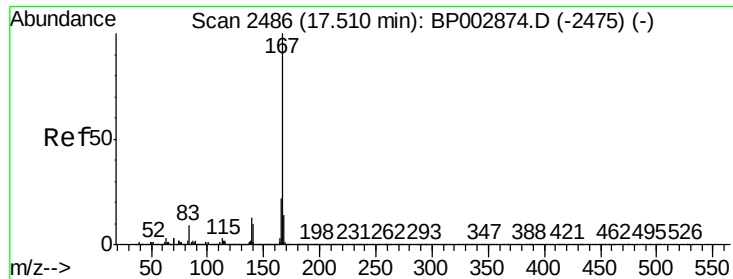
Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion:178 Resp: 3147364

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.7	12.7	19.1





#73

Carbazole

Concen: 39.037 ng

RT: 17.47 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

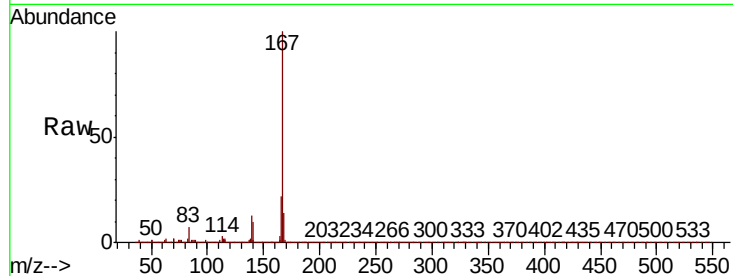
BNA_P

ClientSampleId :

PB131143BS

Tot Ion:167 Resp: 2927208

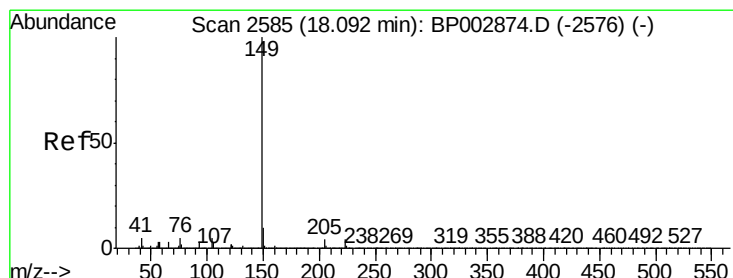
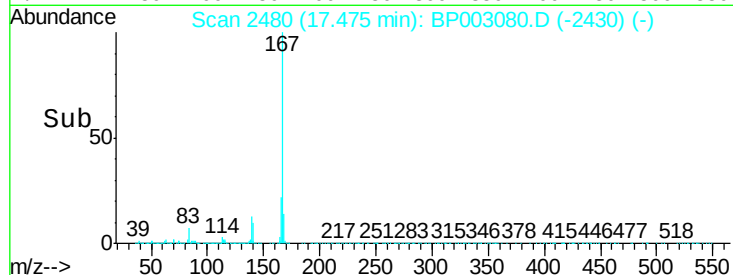
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.0	10.6	16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.674 ng

RT: 18.05 min Scan# 2578

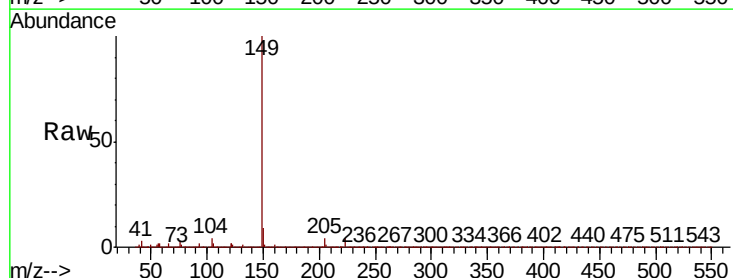
Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion:149 Resp: 3445030

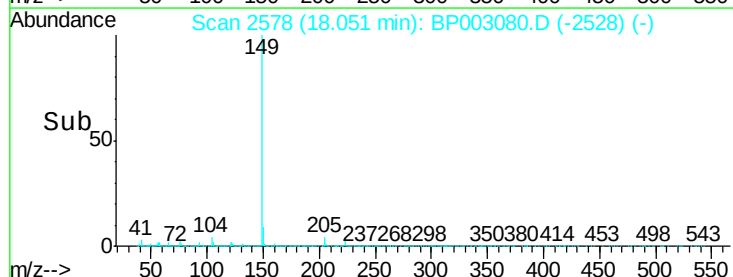
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.1	3.5	5.3

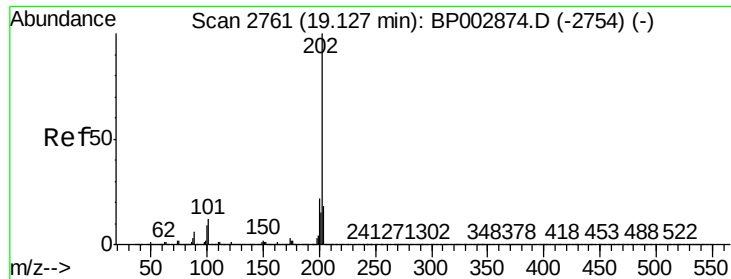


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.052 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

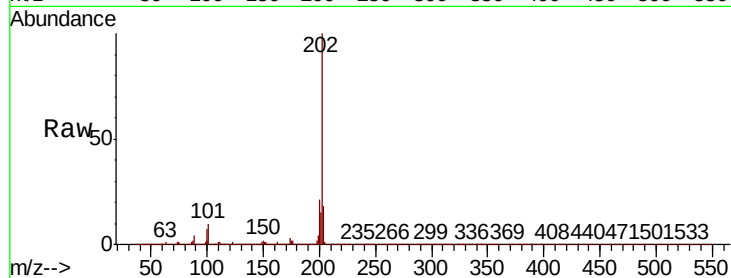
BNA_P

ClientSampleId :

PB131143BS

Tot Ion:202 Resp: 3715865

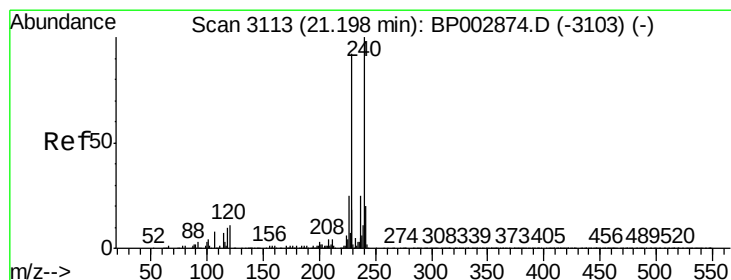
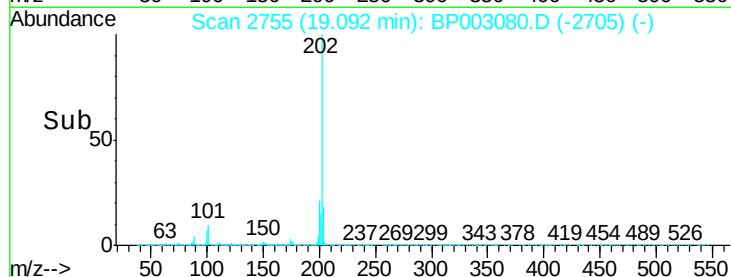
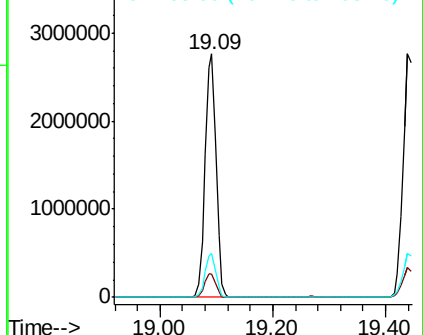
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.2
203	17.8	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

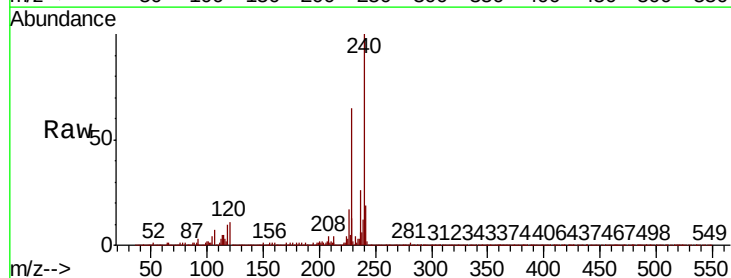
Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion:240 Resp: 1400243

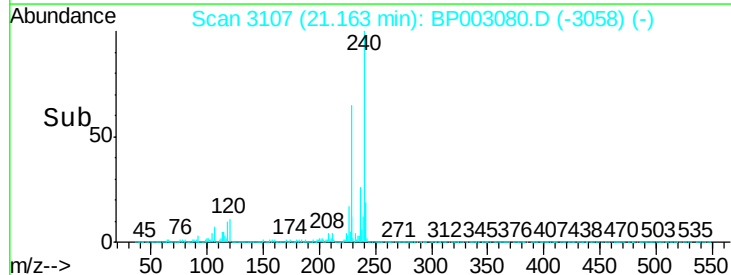
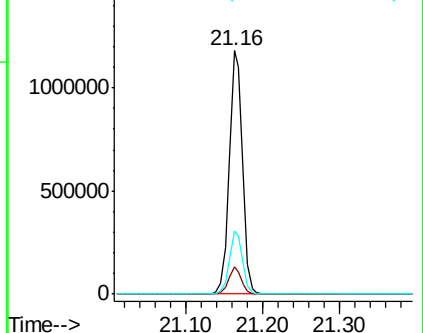
Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.9	20.8	31.2

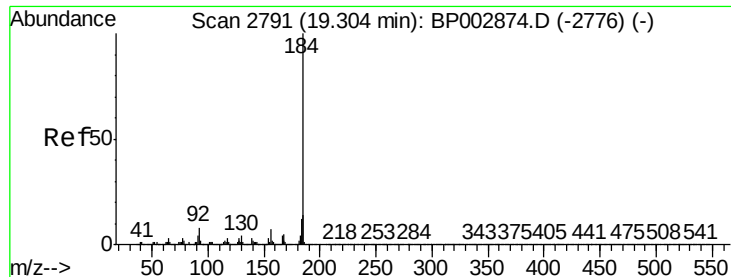


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.349 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

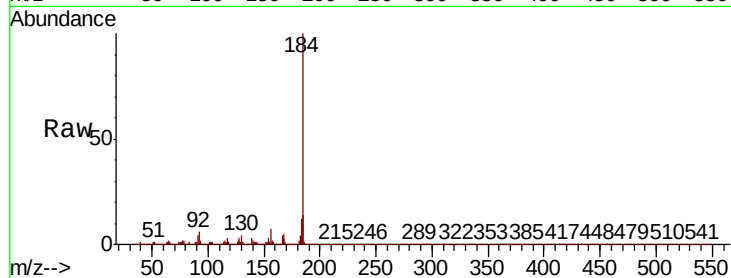
Tot Ion:184 Resp: 2491422

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	12.0	9.4	14.0

184 100

185 14.3 11.5 17.3

183 12.0 9.4 14.0

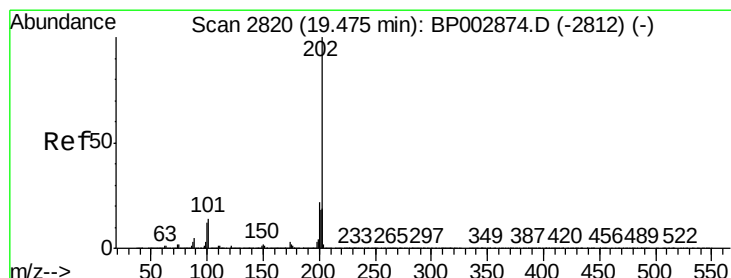
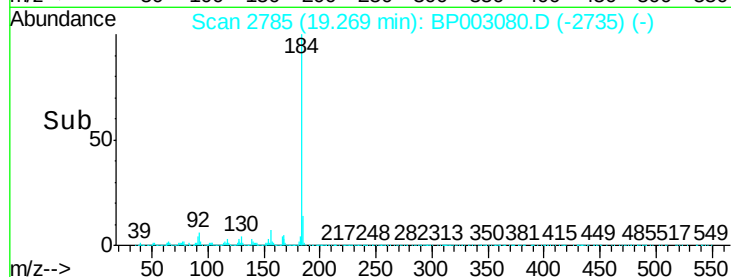
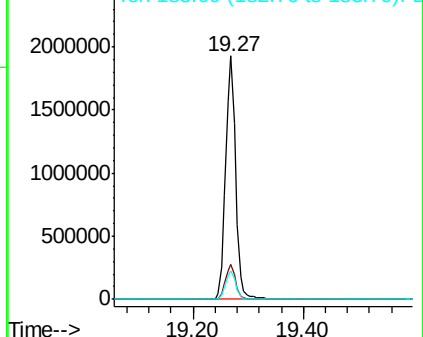


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.134 ng

RT: 19.44 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

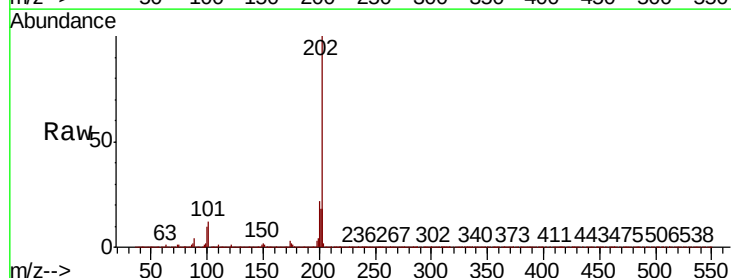
Tgt Ion:202 Resp: 3830726

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.0	14.6	22.0

202 100

200 21.5 17.8 26.6

203 18.0 14.6 22.0

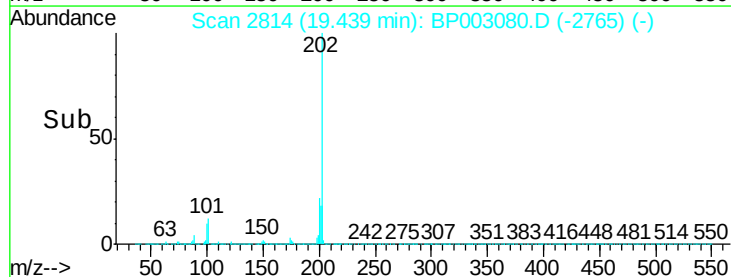
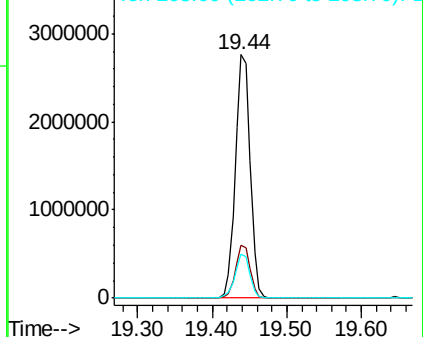


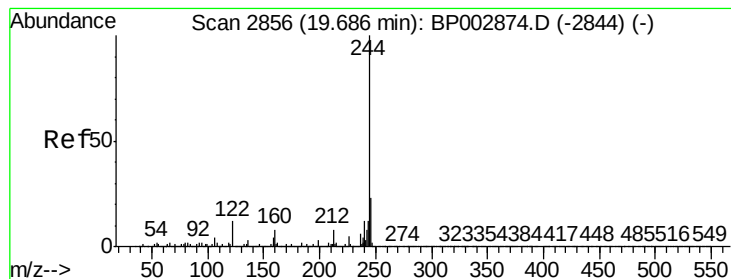
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.638 ng

RT: 19.64 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

BNA_P

ClientSampleId :

PB131143BS

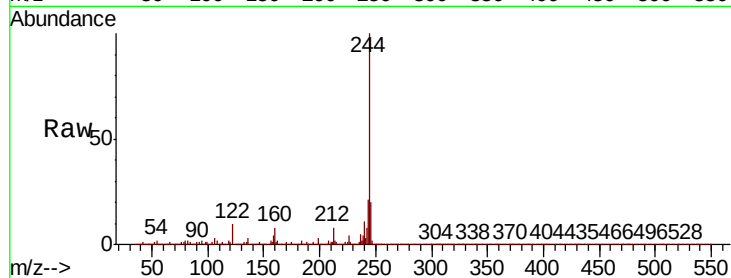
Tot Ion:244 Resp: 4521054

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

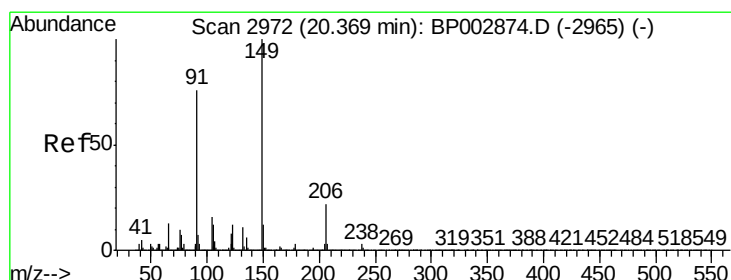
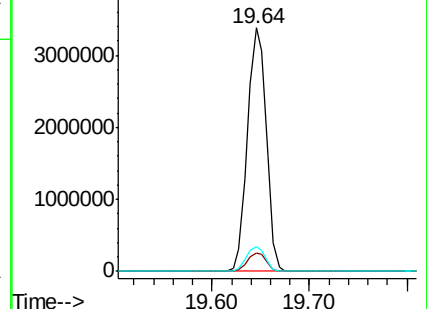
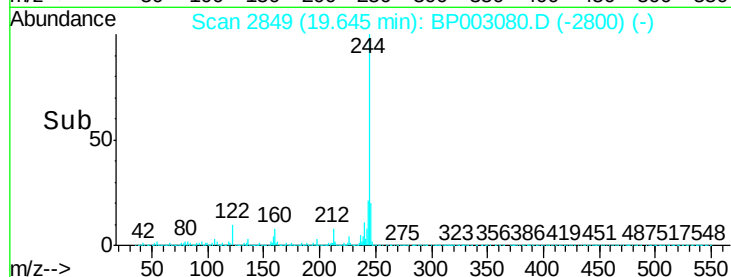
122 10.1 8.7 13.1



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: 42.906 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

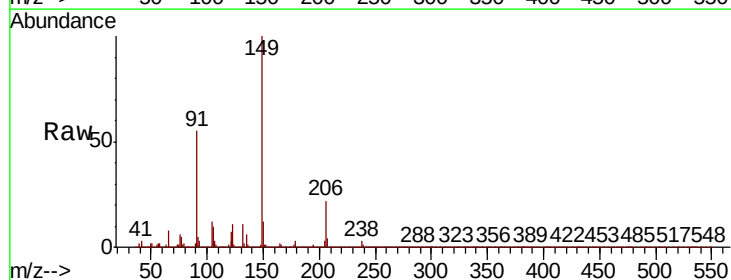
Tgt Ion:149 Resp: 1692299

Ion Ratio Lower Upper

149 100

91 55.0 45.3 67.9

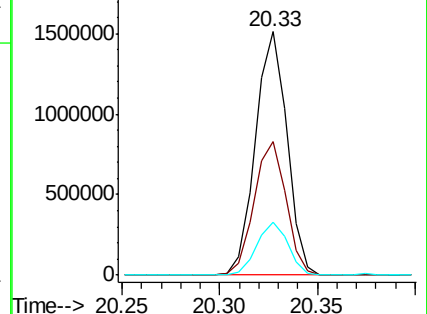
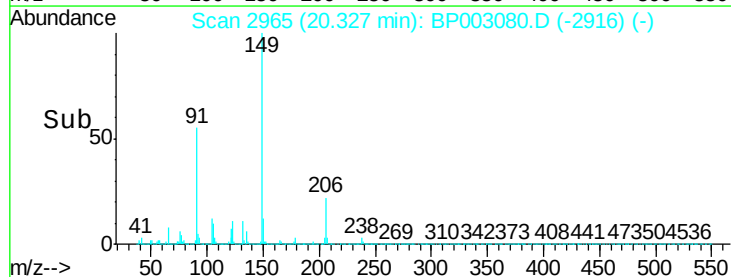
206 21.9 17.5 26.3

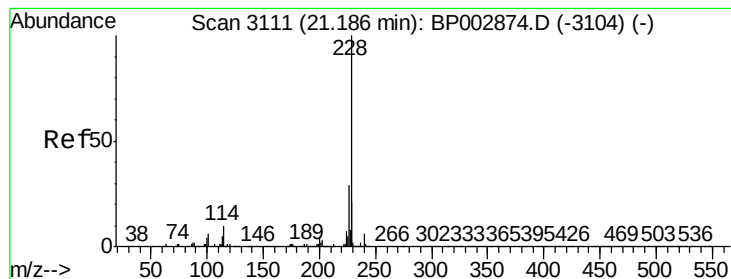


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.253 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

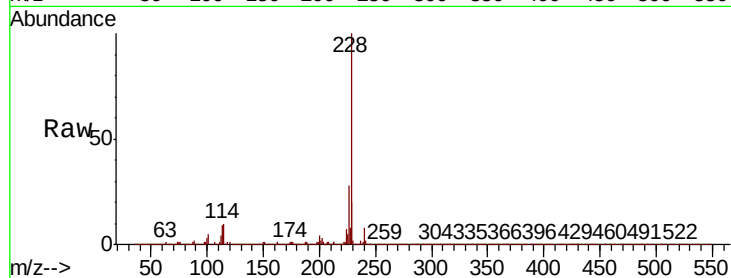
BNA_P

ClientSampleId :

PB131143BS

Tot Ion:228 Resp: 3743926

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.1	16.5	24.7

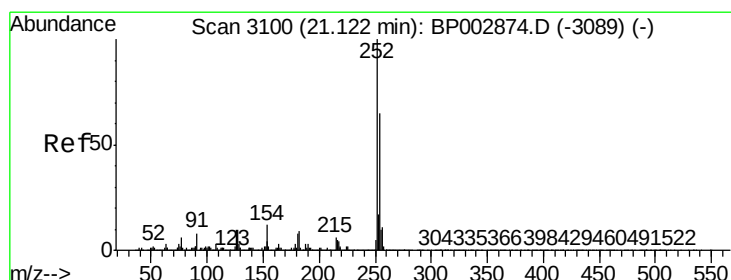
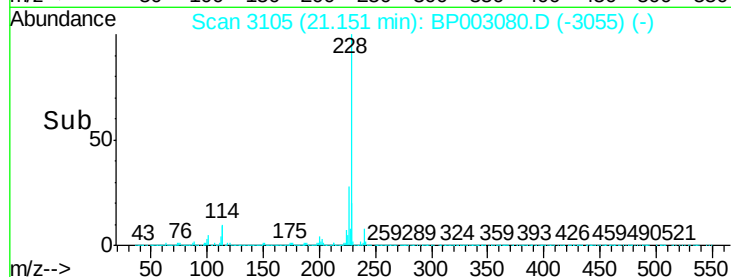
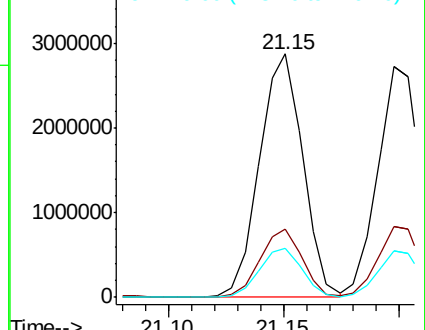


Abundance

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: 34.063 ng

RT: 21.08 min Scan# 3093

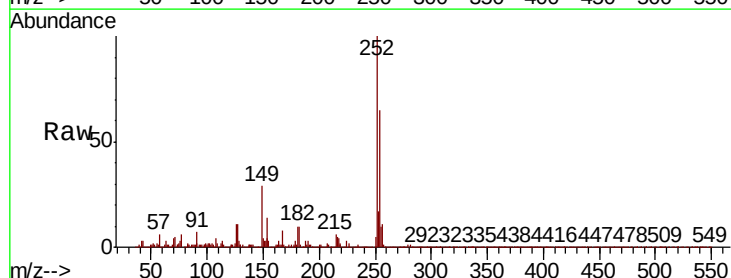
Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion:252 Resp: 1285909

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	11.2	9.4	14.0

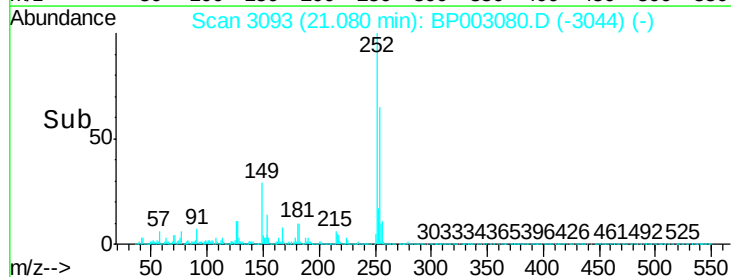
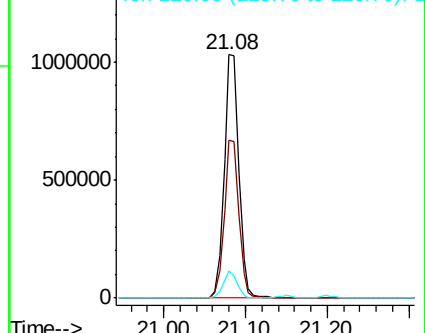


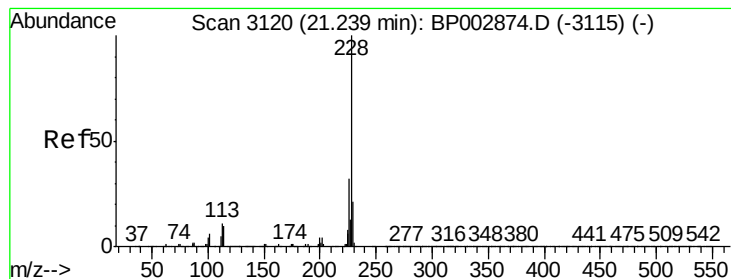
Abundance

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: 39.079 ng

RT: 21.20 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Instrument :

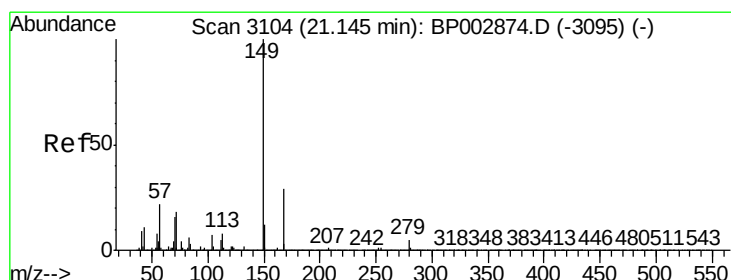
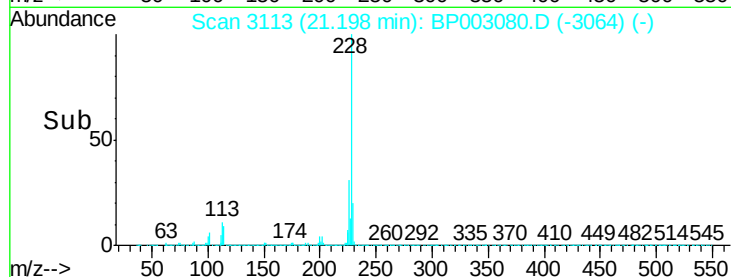
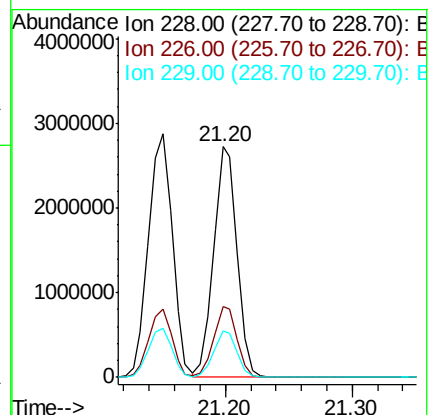
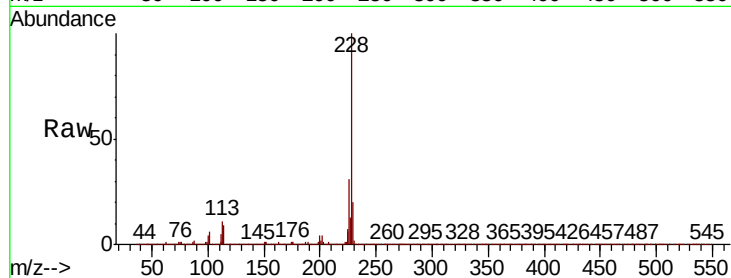
BNA_P

ClientSampleId :

PB131143BS

Tot Ion:228 Resp: 3516006

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.2	16.3	24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.773 ng

RT: 21.09 min Scan# 3095

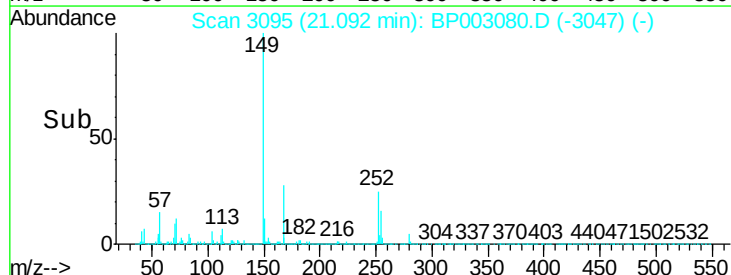
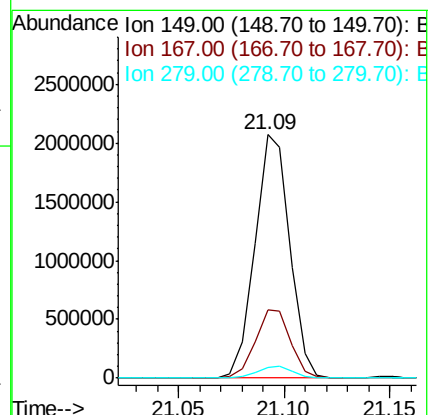
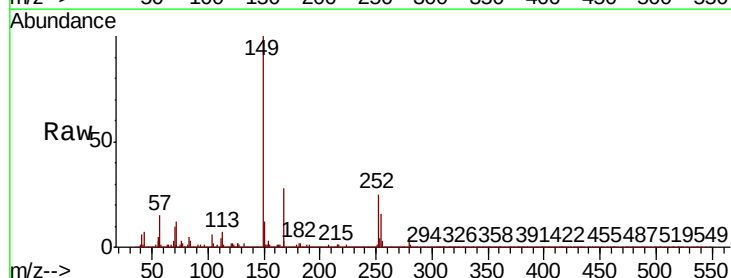
Delta R.T. -0.02 min

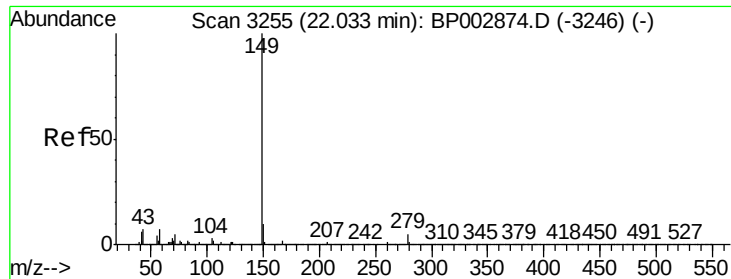
Lab File: BP003080.D

Acq: 21 Aug 2020 17:24

Tgt Ion:149 Resp: 2371341

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.6	3.8	5.8

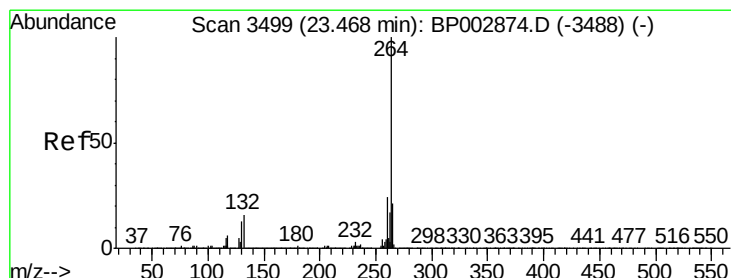
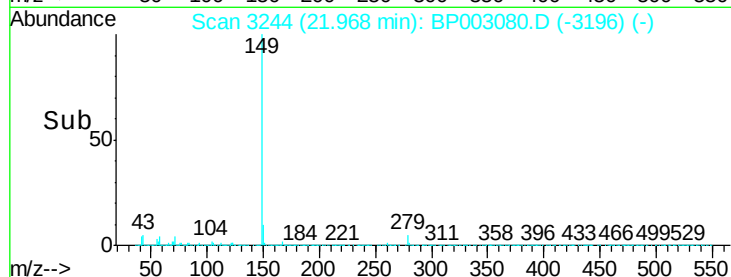
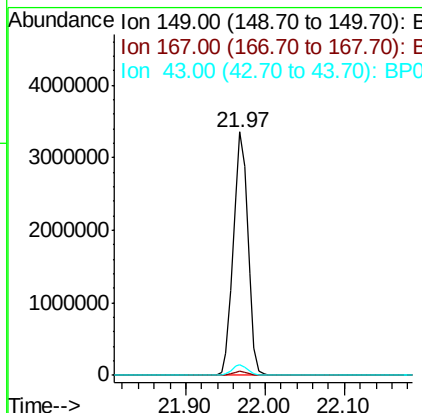
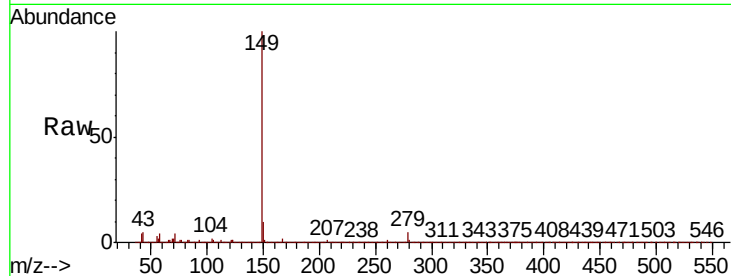




#85
Di-n-octyl phthalate
Concen: 48.024 ng
RT: 21.97 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

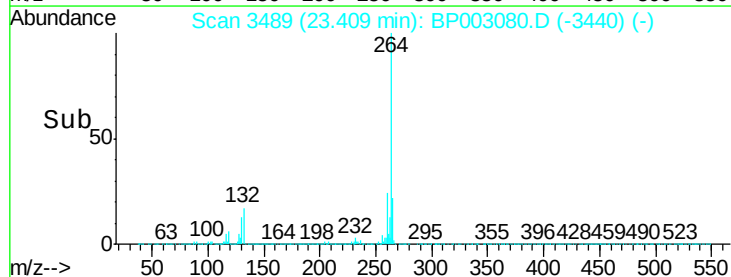
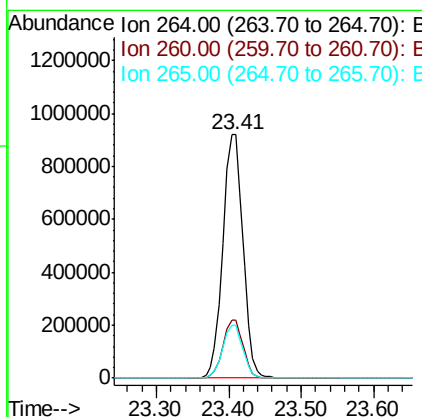
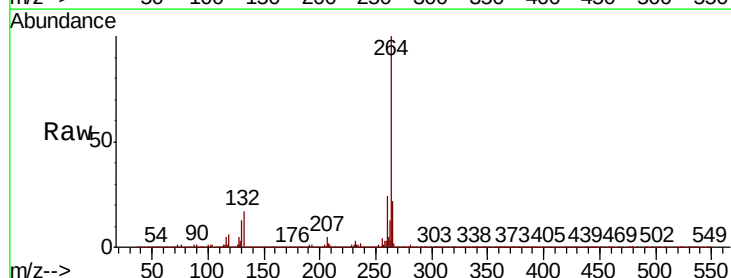
Instrument :
BNA_P
ClientSampleId :
PB131143BS

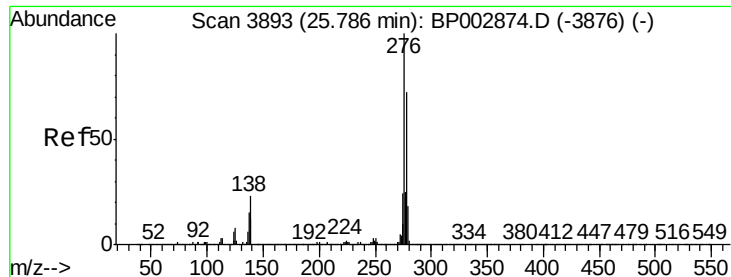
Tot Ion:149 Resp: 4273899
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 4.6 4.0 6.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:264 Resp: 1780867
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.8 17.3 25.9



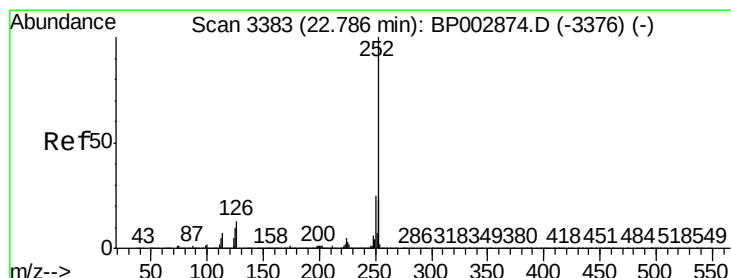
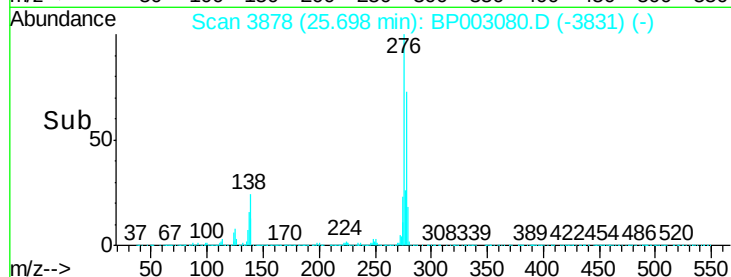
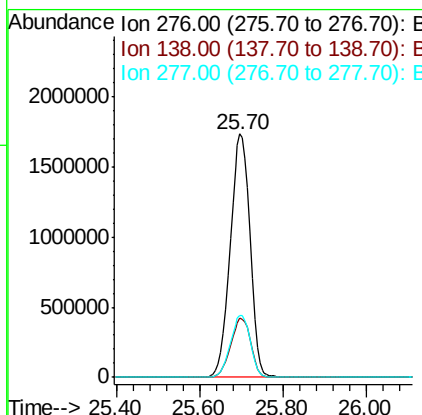
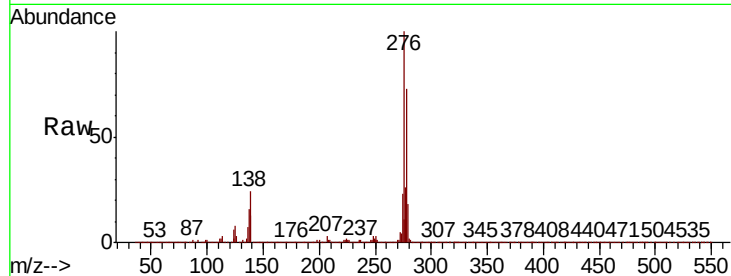


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.353 ng
 RT: 25.70 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Instrument :
 BNA_P
 ClientSampleId :
 PB131143BS

Tot Ion:276 Resp: 5755218

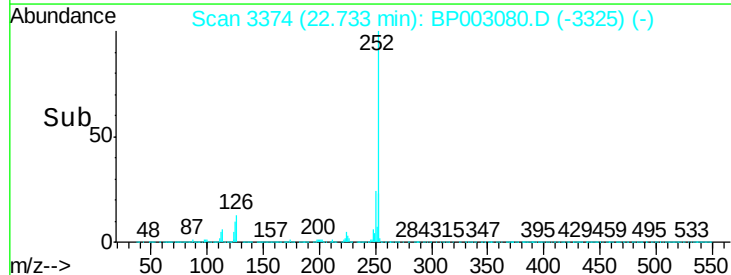
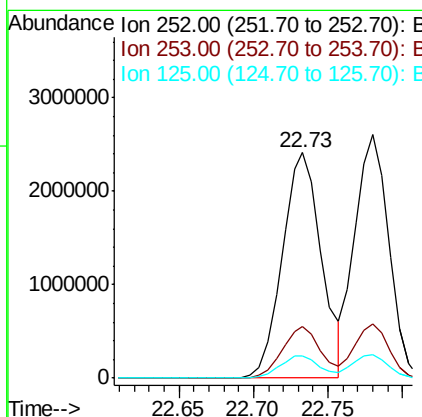
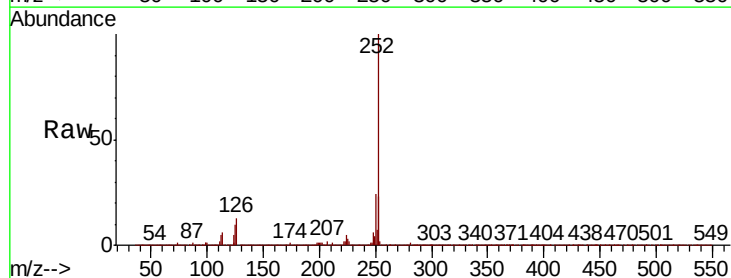
Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.2	33.2
277	25.7	20.4	30.6

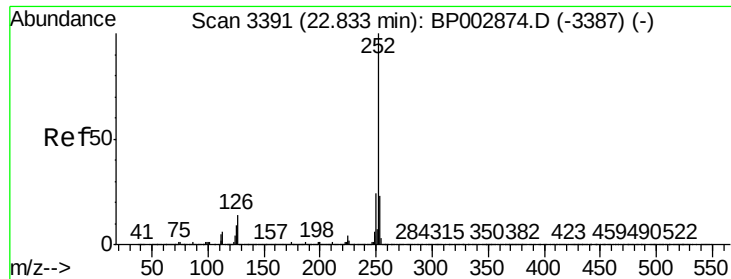


#88
 Benzo(b)fluoranthene
 Concen: 35.107 ng
 RT: 22.73 min Scan# 3374
 Delta R.T. -0.01 min
 Lab File: BP003080.D
 Acq: 21 Aug 2020 17:24

Tgt Ion:252 Resp: 4412009

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.0	9.4	14.2

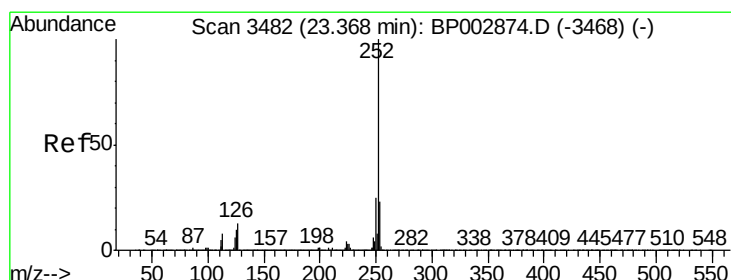
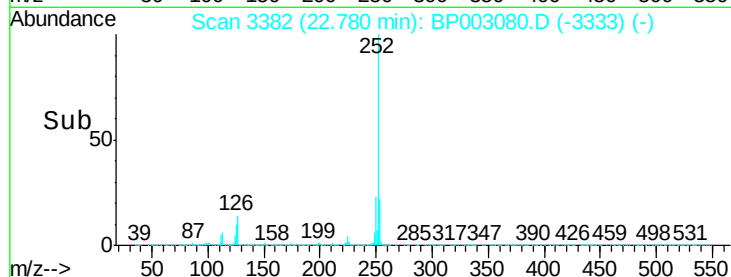
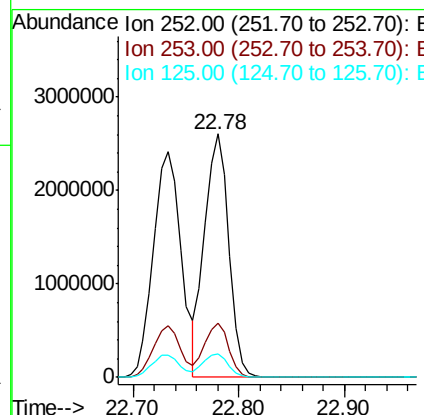
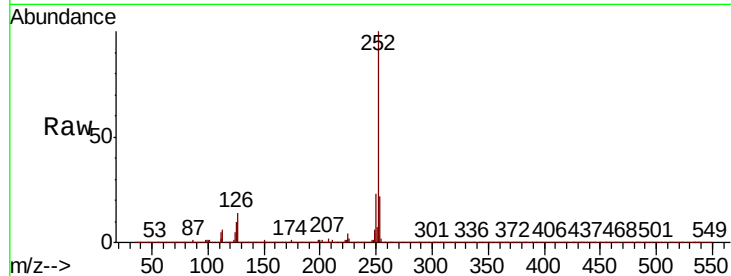




#89
Benzo(k)fluoranthene
Concen: 34.891 ng
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

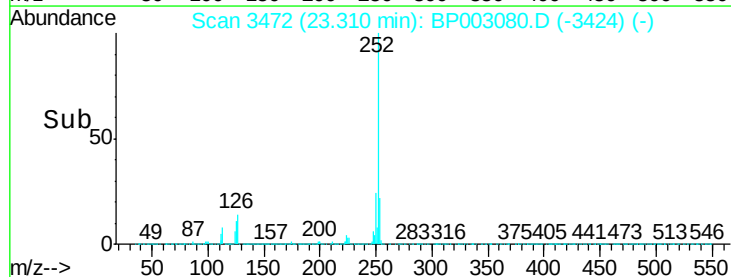
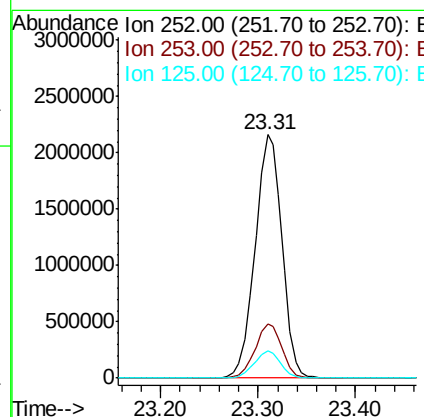
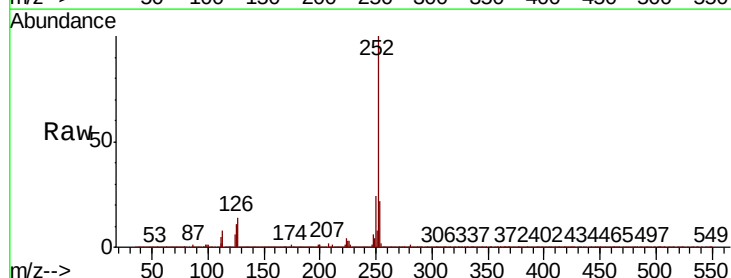
Instrument :
BNA_P
ClientSampleId :
PB131143BS

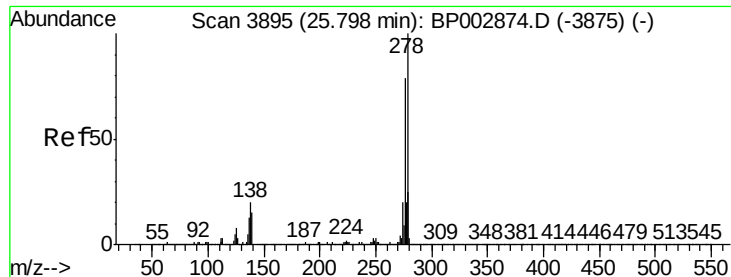
Tot Ion:252 Resp: 4144420
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 9.7 9.3 13.9



#90
Benzo(a)pyrene
Concen: 36.812 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:252 Resp: 4180149
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.1 9.9 14.9

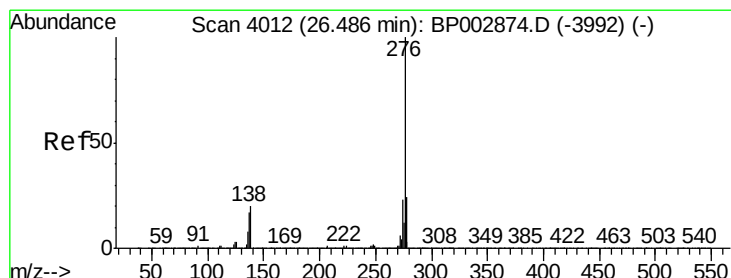
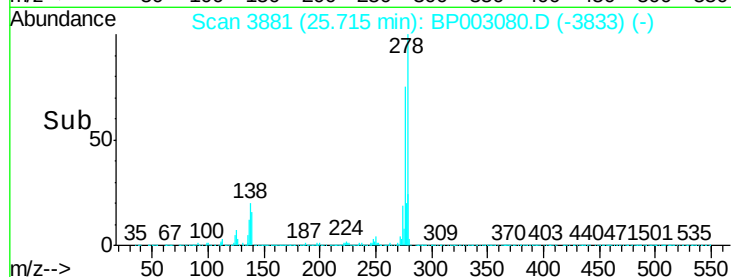
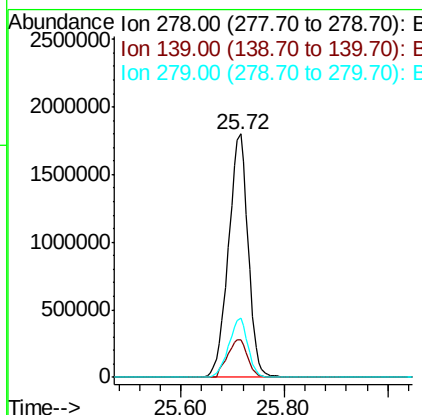
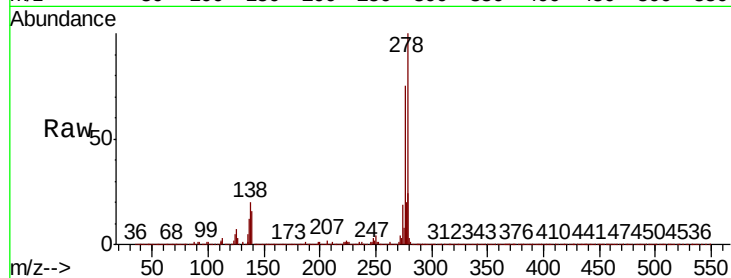




#91
Dibenzo(a,h)anthracene
Concen: 39.230 ng
RT: 25.72 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Instrument :
BNA_P
ClientSampleId :
PB131143BS

Tot Ion:278 Resp: 4761983
Ion Ratio Lower Upper
278 100
139 15.6 14.2 21.4
279 24.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 41.677 ng
RT: 26.40 min Scan# 3997
Delta R.T. -0.02 min
Lab File: BP003080.D
Acq: 21 Aug 2020 17:24

Tgt Ion:276 Resp: 4892169
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 21.4 19.3 28.9

