

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003036.D
 Acq On : 19 Aug 2020 15:02
 Operator : CG/JU
 Sample : PB131036BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131036BS

Quant Time: Aug 19 16:06:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	348581	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1341803	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	662423	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1534475	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1461372	20.00	ng	0.00
86) Perylene-d12	23.41	264	1582303	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2376317	104.34	ng	0.00
7) Phenol-d6	6.87	99	2749921	86.96	ng	0.00
23) Nitrobenzene-d5	8.83	82	1518334	61.29	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1004112	121.96	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3945986	81.39	ng	0.00
79) Terphenyl-d14	19.65	244	5472951	74.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	277029	28.336	ng	99
3) Pyridine	3.62	79	711890	26.136	ng	99
4) n-Nitrosodimethylamine	3.53	42	226835	28.350	ng	96
6) Aniline	7.01	93	1050903	28.646	ng	100
8) 2-Chlorophenol	7.25	128	1000740	41.210	ng	100
9) Benzaldehyde	6.82	77	150838	8.959	ng	98
10) Phenol	6.89	94	1051043	33.003	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	799874	32.655	ng	98
12) 1,3-Dichlorobenzene	7.58	146	1100866	40.165	ng	100
13) 1,4-Dichlorobenzene	7.72	146	1117844	40.349	ng	99
14) 1,2-Dichlorobenzene	8.03	146	1041585	39.424	ng	99
15) Benzyl Alcohol	7.92	79	616738	29.560	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	651314	28.303	ng	99
17) 2-Methylphenol	8.13	107	749206	36.815	ng	99
18) Hexachloroethane	8.76	117	368121	38.095	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	490765	26.936	ng	99
20) 3+4-Methylphenols	8.46	107	988581	36.044	ng	99
22) Acetophenone	8.50	105	1216660	32.137	ng	# 97
24) Nitrobenzene	8.87	77	800156	29.750	ng	100
25) Isophorone	9.40	82	1497887	28.144	ng	100
26) 2-Nitrophenol	9.58	139	506061	45.353	ng	100
27) 2,4-Dimethylphenol	9.65	122	801356	37.809	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	1020306	34.362	ng	99
29) 2,4-Dichlorophenol	10.12	162	885762	39.708	ng	98
30) 1,2,4-Trichlorobenzene	10.33	180	937743	35.962	ng	100
31) Naphthalene	10.52	128	2930723	38.155	ng	100
32) Benzoic acid	9.80	122	494248	40.987	ng	96
33) 4-Chloroaniline	10.62	127	885737	27.825	ng	99
34) Hexachlorobutadiene	10.82	225	552433	34.619	ng	100
35) Caprolactam	11.38	113	269387	39.030	ng	96
36) 4-Chloro-3-methylphenol	11.76	107	843699	36.385	ng	100
37) 2-Methylnaphthalene	12.13	142	2056441	37.638	ng	100
38) 1-Methylnaphthalene	12.35	142	1963742	38.181	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	933479	39.195	ng	99

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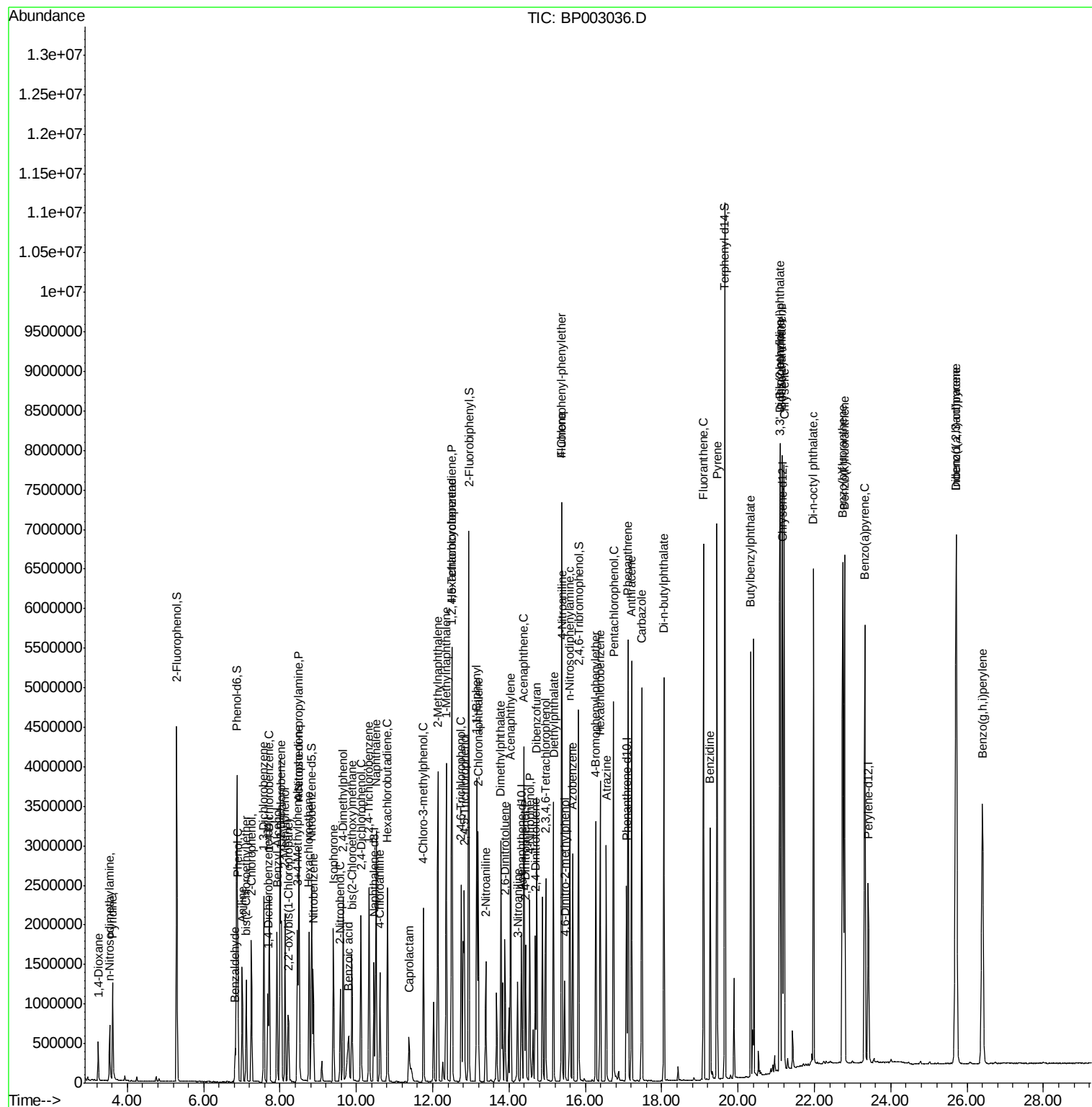
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1099301	88.974	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	679737	49.244	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	717775	47.401	ng	99
46) 1,1'-Biphenyl	13.15	154	2177642	39.766	ng	100
47) 2-Chloronaphthalene	13.19	162	1717745	40.058	ng	100
48) 2-Nitroaniline	13.39	65	350265	34.009	ng	95
49) Acenaphthylene	14.04	152	2725202	40.523	ng	99
50) Dimethylphthalate	13.79	163	2144276	41.387	ng	100
51) 2,6-Dinitrotoluene	13.89	165	482538	41.720	ng	98
52) Acenaphthene	14.39	154	1628270	37.671	ng	98
53) 3-Nitroaniline	14.22	138	422081	35.345	ng	99
54) 2,4-Dinitrophenol	14.43	184	481020	95.975	ng	97
55) Dibenzofuran	14.73	168	2546112	38.403	ng	99
56) 4-Nitrophenol	14.55	139	848003	92.303	ng	96
57) 2,4-Dinitrotoluene	14.69	165	656569	43.081	ng	98
58) Fluorene	15.37	166	1942650	37.423	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	552827	43.755	ng	99
60) Diethylphthalate	15.16	149	2130464	42.082	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	968326	36.245	ng	98
62) 4-Nitroaniline	15.39	138	500106	41.920	ng	96
63) Azobenzene	15.67	77	1512962	29.685	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	343800	43.720	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1800541	35.430	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	715286	38.315	ng	100
68) Hexachlorobenzene	16.39	284	814598	37.726	ng	99
69) Atrazine	16.55	200	609015	35.372	ng	100
70) Pentachlorophenol	16.73	266	955888	85.369	ng	99
71) Phenanthrene	17.12	178	3559027	39.553	ng	100
72) Anthracene	17.21	178	3568333	40.575	ng	100
73) Carbazole	17.48	167	3426821	39.900	ng	99
74) Di-n-butylphthalate	18.05	149	4030723	44.614	ng	100
75) Fluoranthene	19.09	202	4058613	39.149	ng	99
77) Benzidine	19.27	184	1868616	41.933	ng	100
78) Pyrene	19.45	202	4233060	41.435	ng	99
80) Butylbenzylphthalate	20.33	149	1844029	44.662	ng	98
81) Benzo(a)anthracene	21.15	228	3985636	40.040	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1473451	37.398	ng	99
83) Chrysene	21.20	228	3794431	40.410	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2705253	47.847	ng	100
85) Di-n-octyl phthalate	21.97	149	4772982	51.388	ng	99
87) Indeno(1,2,3-cd)pyrene	25.71	276	5016472	39.587	ng	98
88) Benzo(b)fluoranthene	22.74	252	4672380	41.845	ng	99
89) Benzo(k)fluoranthene	22.79	252	4297890	40.724	ng	98
90) Benzo(a)pyrene	23.32	252	4252108	42.144	ng	99
91) Dibenzo(a,h)anthracene	25.72	278	4160772	38.578	ng	98
92) Benzo(g,h,i)perylene	26.40	276	4215251	40.417	ng	99

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

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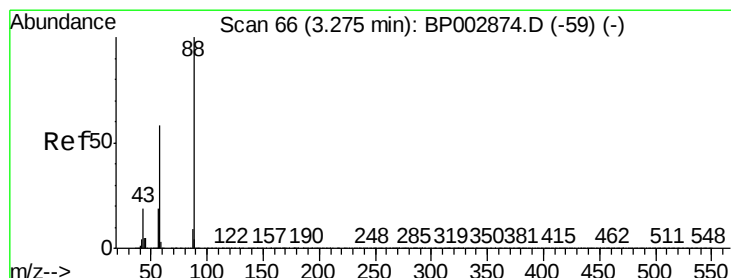
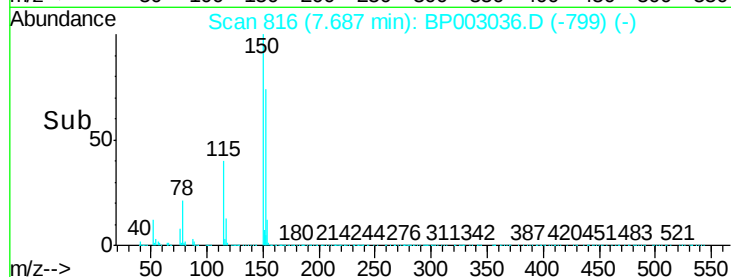
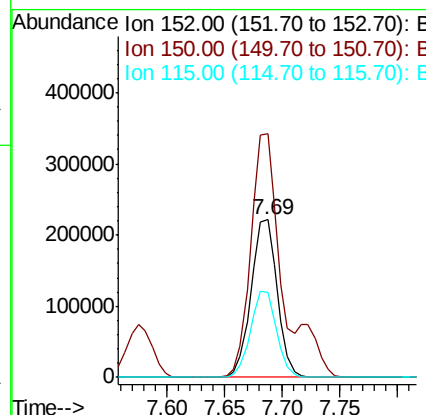
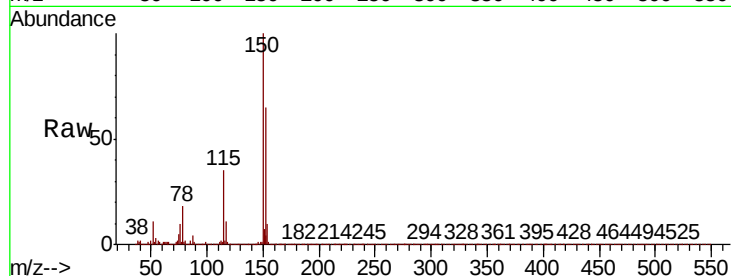


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB131036BS

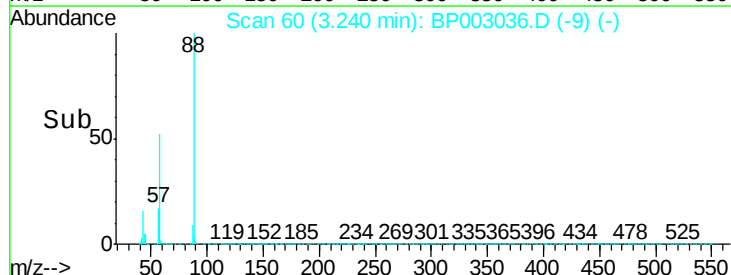
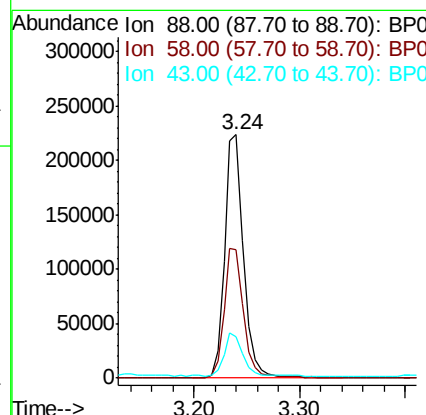
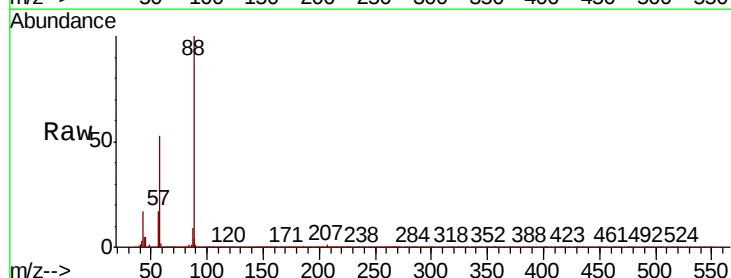
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.1	189.1
115	54.2	43.4	65.2

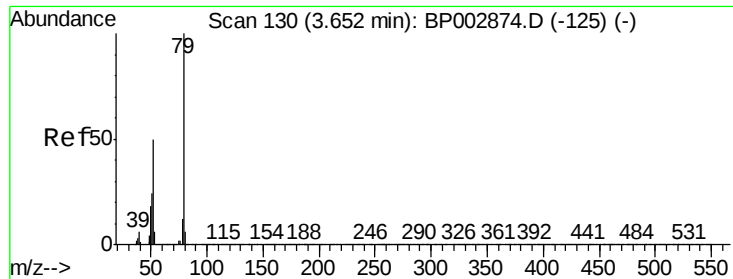


#2

1,4-Dioxane
Concen: 28.336 ng
RT: 3.24 min Scan# 60
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.4	44.5	66.7
43	17.9	14.5	21.7

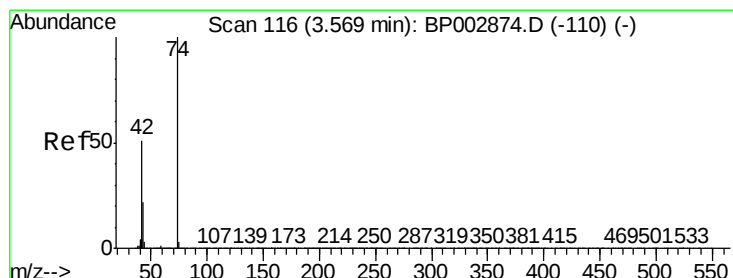
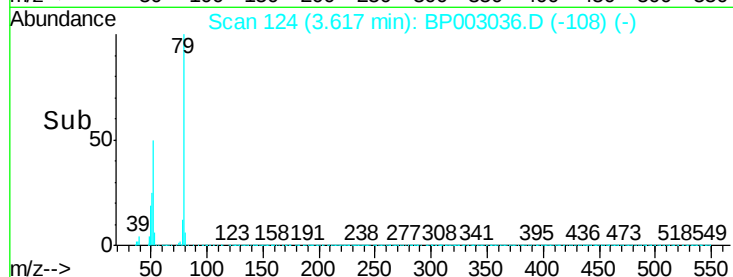
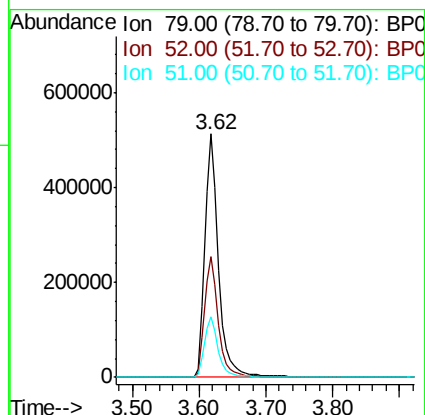
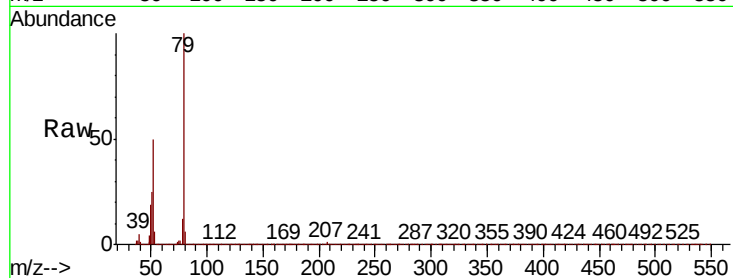




#3
 Pvridine
 Concen: 26.136 ng
 RT: 3.62 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

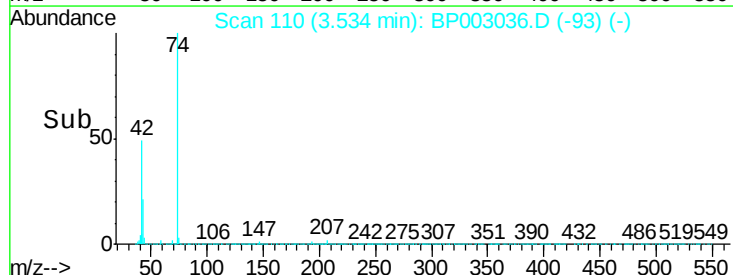
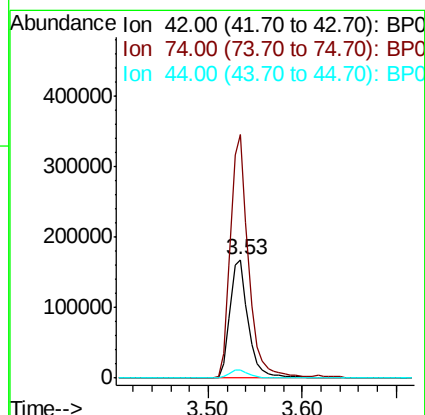
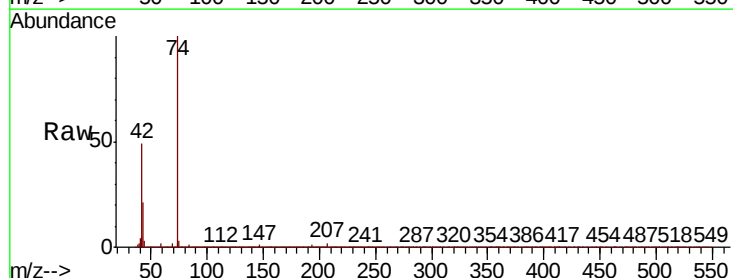
Instrument :
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 ClientSampleId :
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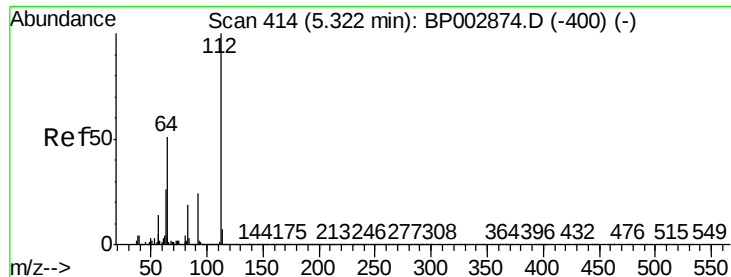
Tot Ion	Ratio	Lower	Upper
79	100		
52	49.5	40.5	60.7
51	24.9	19.9	29.9



#4
 n-Nitrosodimethylamine
 Concen: 28.350 ng
 RT: 3.53 min Scan# 110
 Delta R.T. 0.00 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	205.2	158.6	238.0
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 104.336 ng

RT: 5.29 min Scan# 409

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

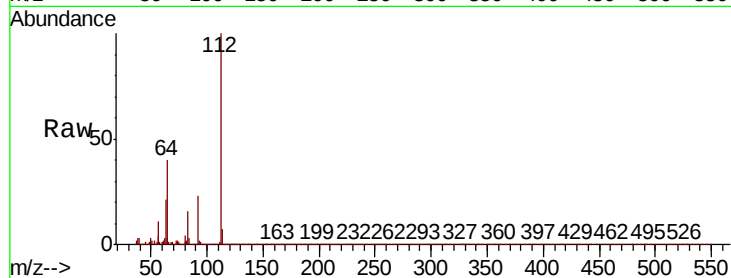
Tot Ion:112 Resp: 2376317

Ion Ratio Lower Upper

112 100

64 40.4 33.4 50.2

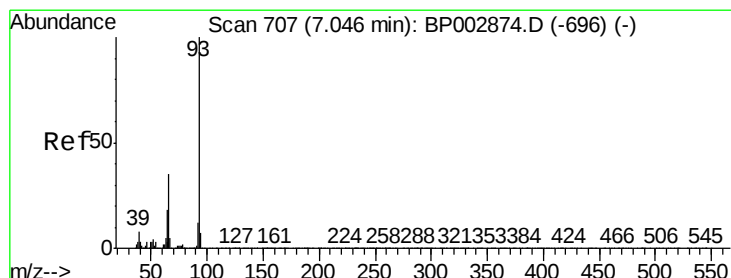
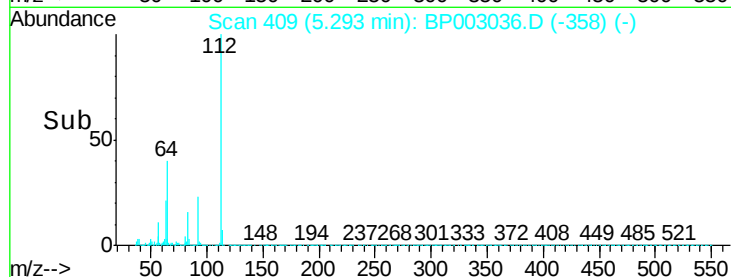
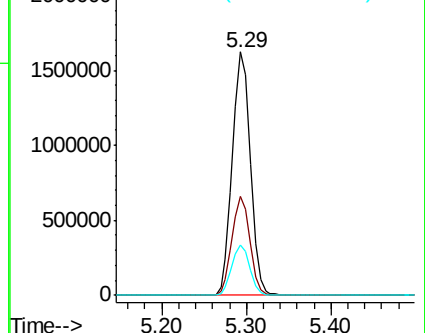
63 20.7 17.4 26.0



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: 28.646 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

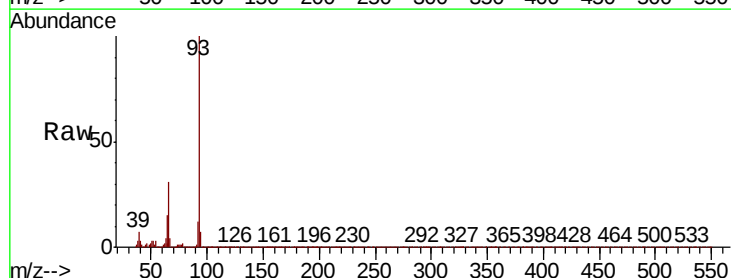
Tgt Ion: 93 Resp: 1050903

Ion Ratio Lower Upper

93 100

66 30.8 24.8 37.2

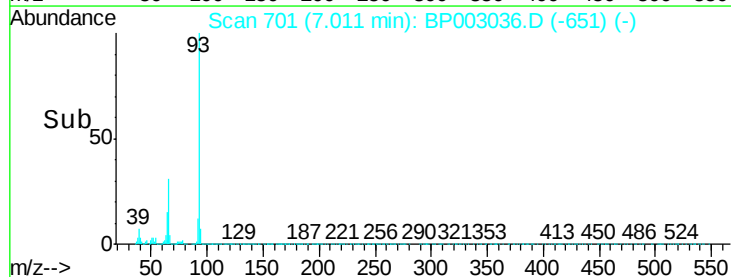
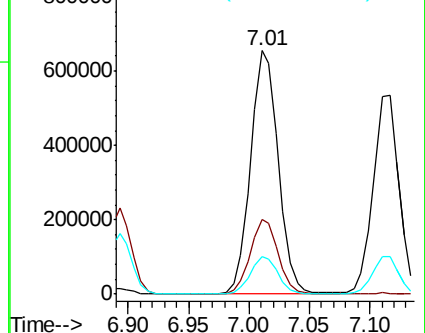
65 15.4 12.2 18.4

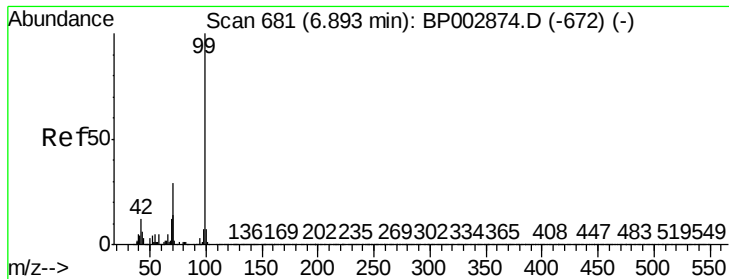


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 86.965 ng

RT: 6.87 min Scan# 677

Delta R.T. 0.00 min

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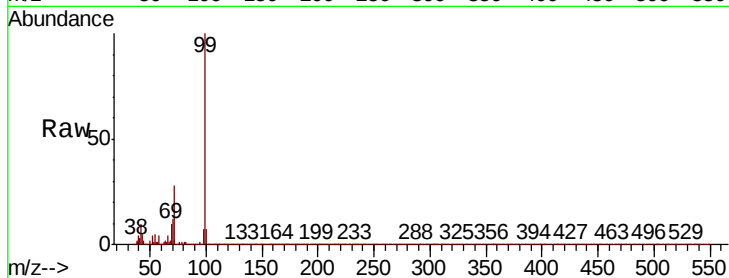
Tot Ion: 99 Resp: 2749921

Ion Ratio Lower Upper

99 100

42 10.1 8.0 12.0

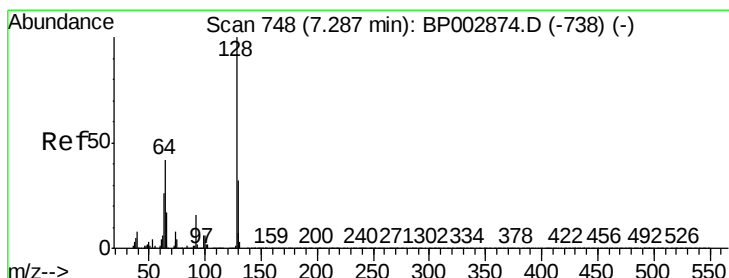
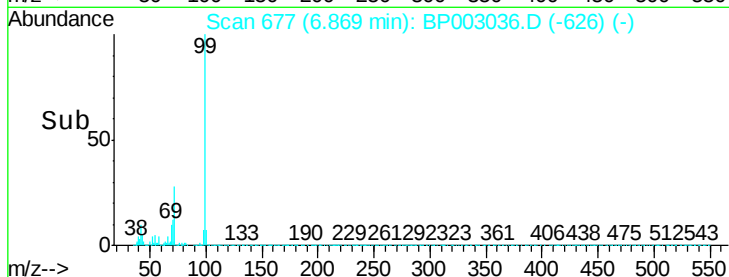
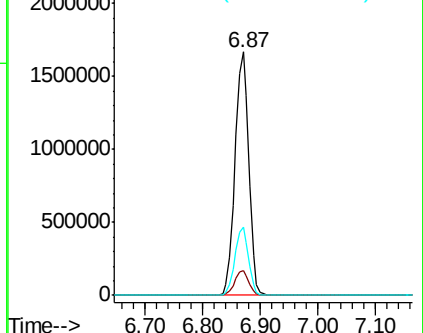
71 28.0 21.3 31.9



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: 41.210 ng

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

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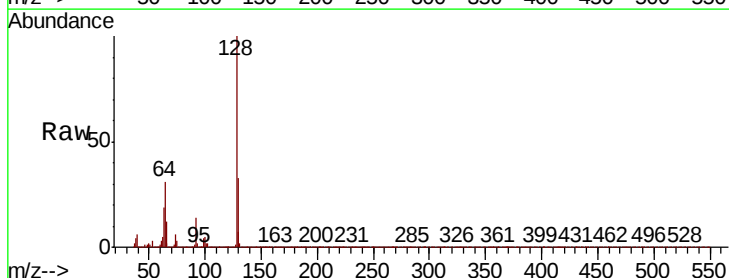
Tgt Ion: 128 Resp: 1000740

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

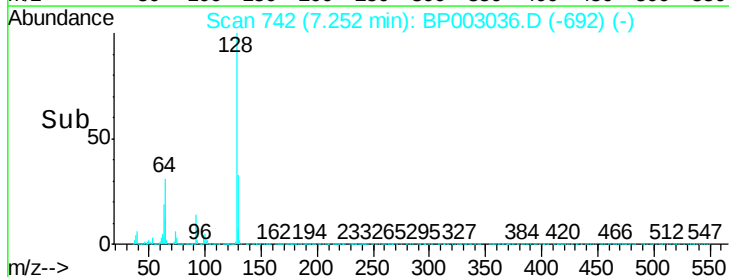
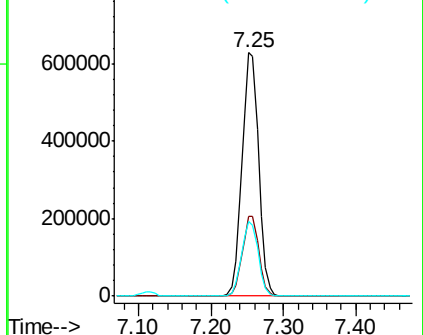
64 30.8 10.7 50.7

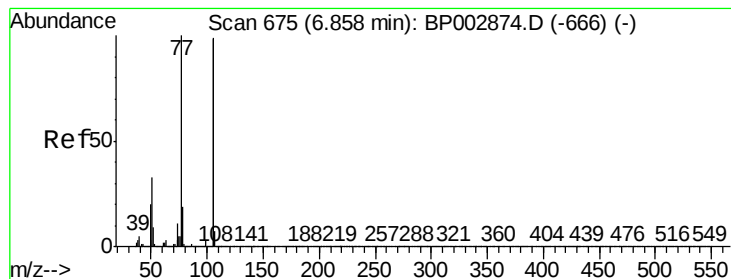


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 8.959 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

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ClientSampled :

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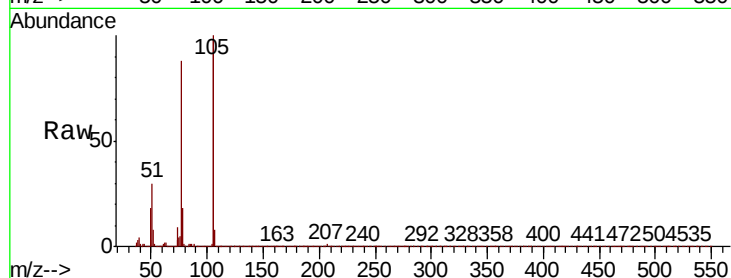
Tot Ion: 77 Resp: 150838

Ion Ratio Lower Upper

77 100

105 114.2 97.5 137.5

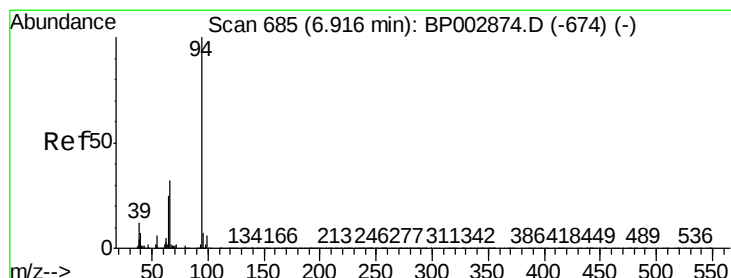
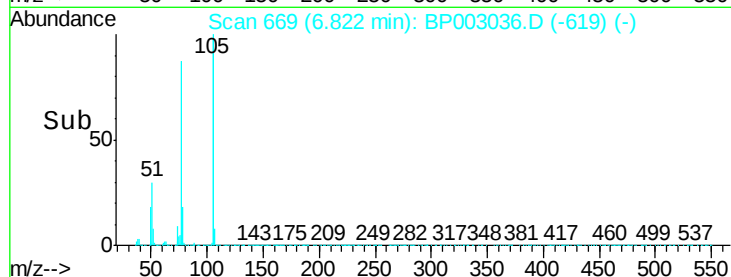
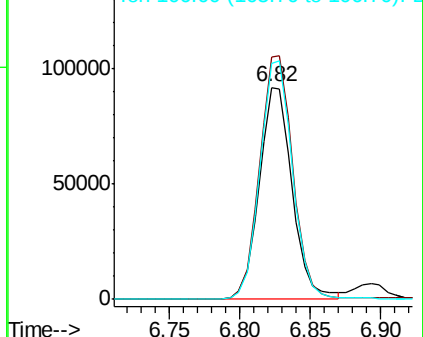
106 111.4 93.1 133.1



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 33.003 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

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Acq: 19 Aug 2020 15:02

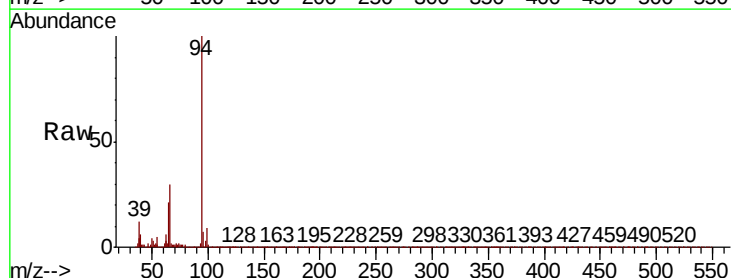
Tgt Ion: 94 Resp: 1051043

Ion Ratio Lower Upper

94 100

65 21.1 1.7 41.7

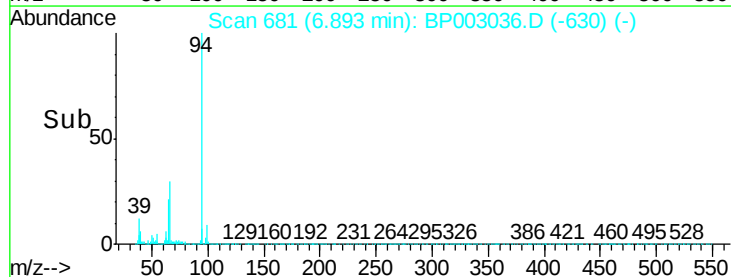
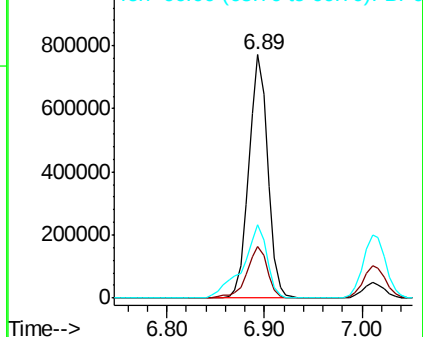
66 30.0 8.6 48.6

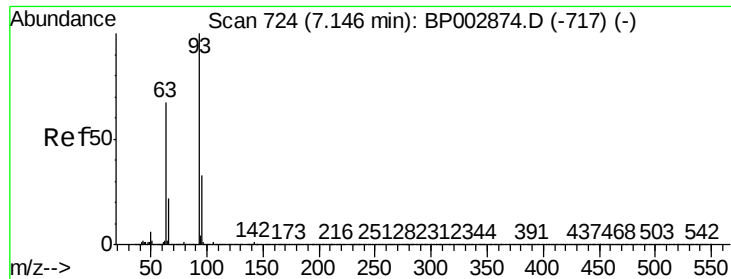


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

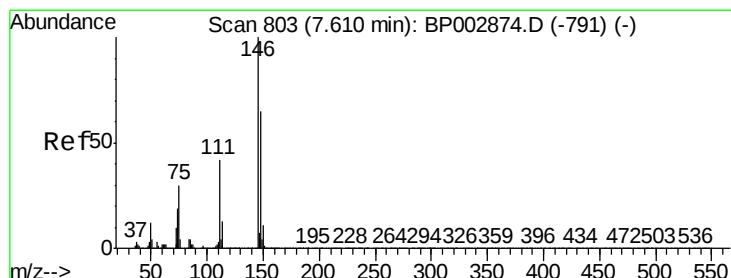
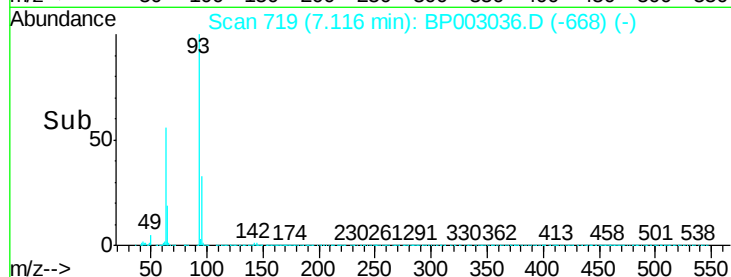
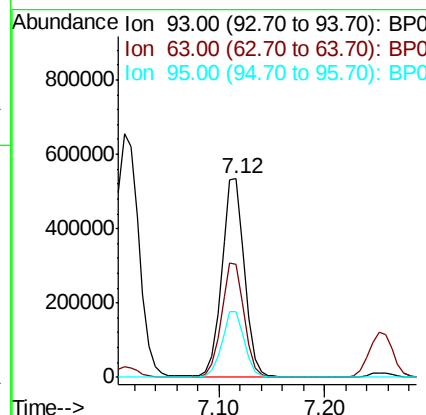
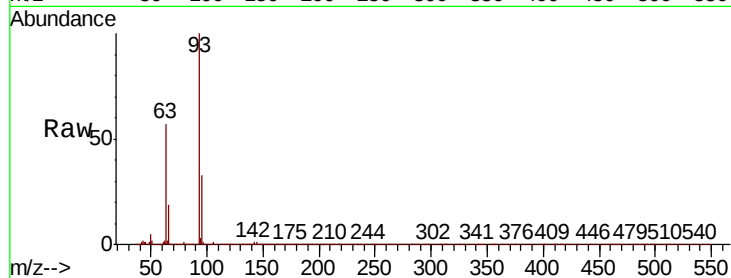




#11
bis(2-Chloroethyl)ether
Concen: 32.655 ng
RT: 7.12 min Scan# 719
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

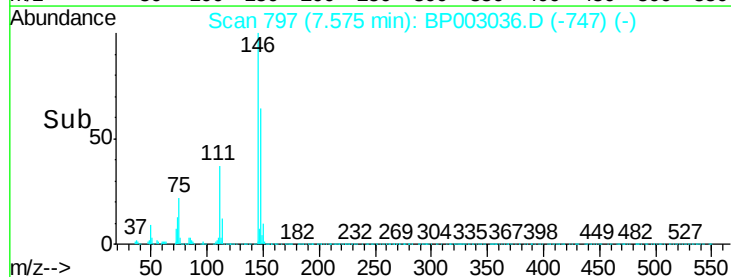
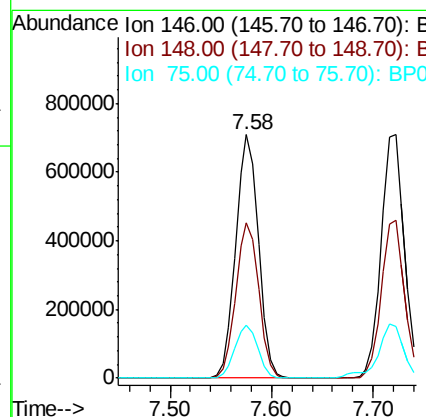
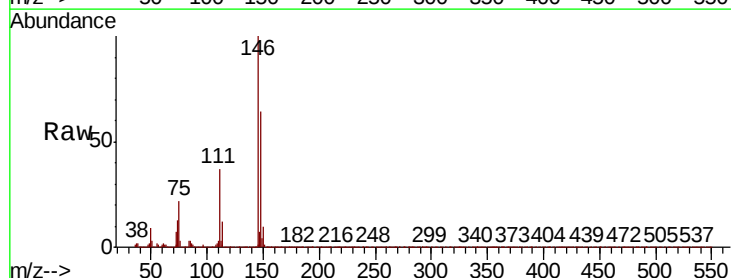
Instrument :
BNA_P
ClientSampleId :
PB131036BS

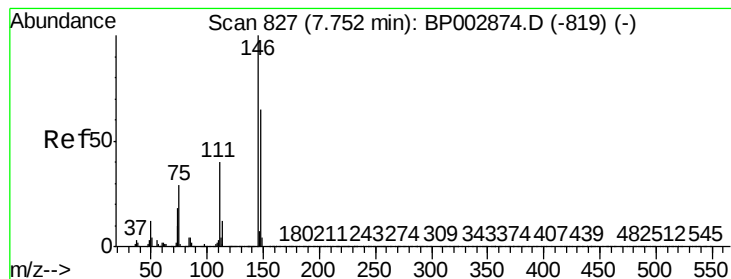
Tot Ion	Ratio	Lower	Upper
93	100		
63	56.6	38.4	78.4
95	32.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 40.165 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	21.9	17.4	26.0





#13

1,4-Dichlorobenzene

Concen: 40.349 ng

RT: 7.72 min Scan# 822

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

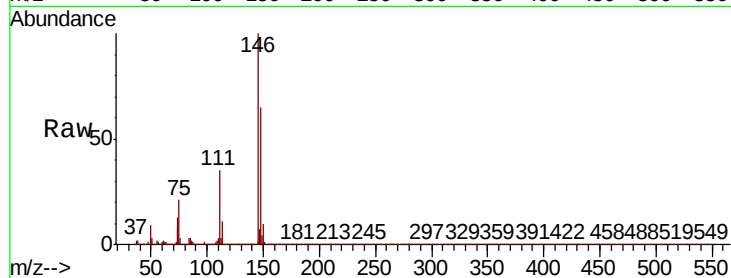
Tot Ion:146 Resp: 1117844

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

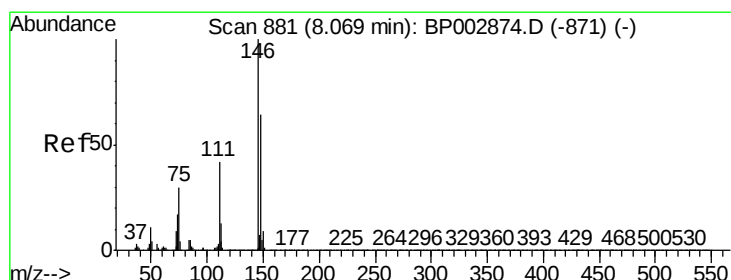
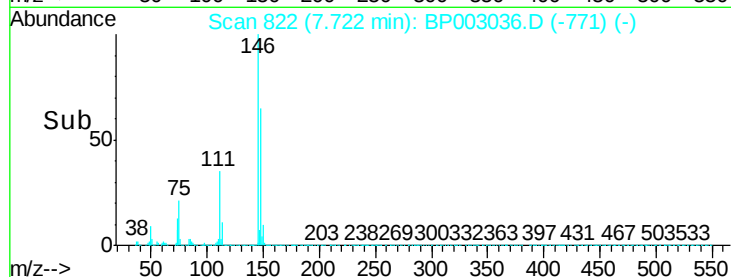
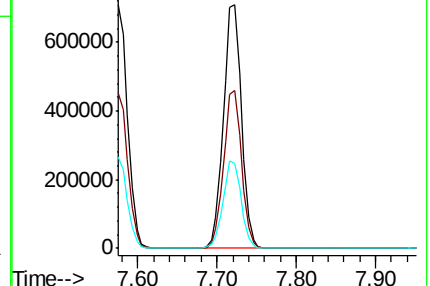
111 35.0 29.0 43.4



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: 39.424 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

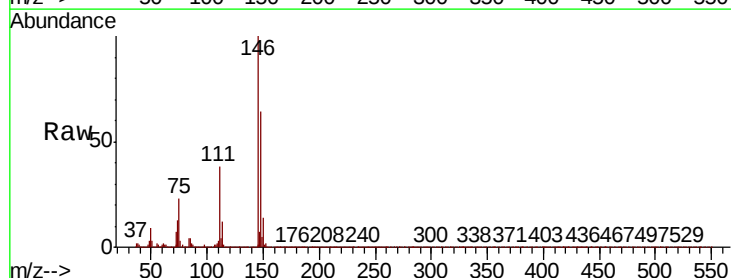
Tgt Ion:146 Resp: 1041585

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

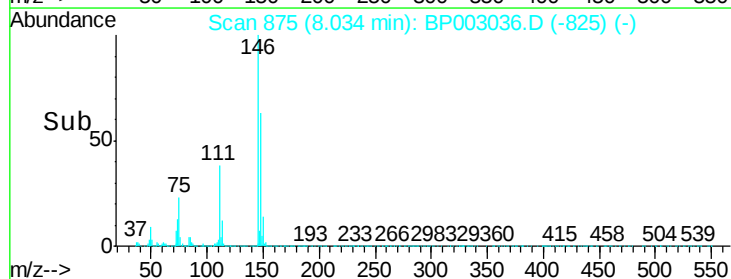
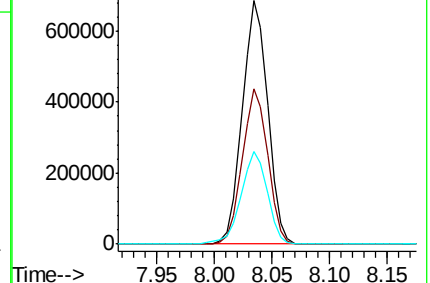
111 37.8 30.5 45.7

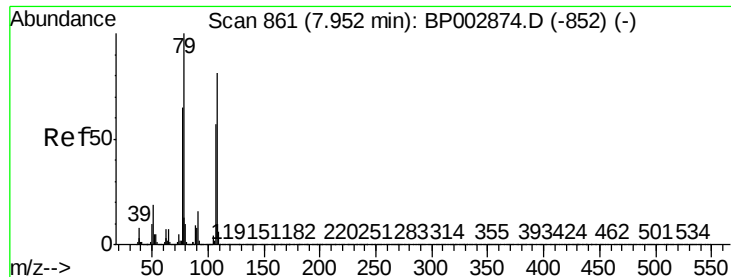


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.560 ng

RT: 7.92 min Scan# 856

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

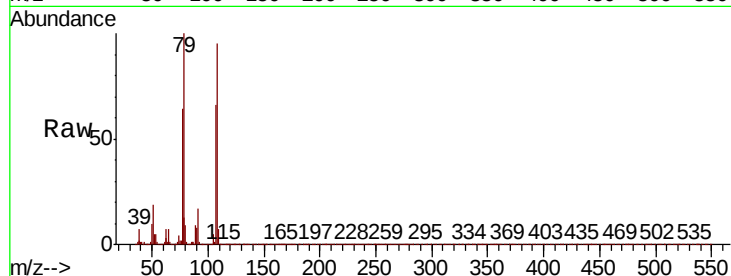
Tot Ion: 79 Resp: 616738

Ion Ratio Lower Upper

79 100

108 95.0 75.7 113.5

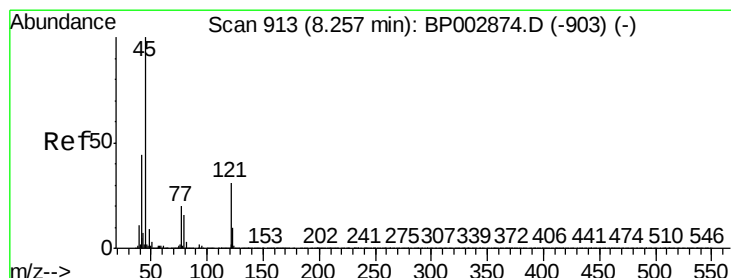
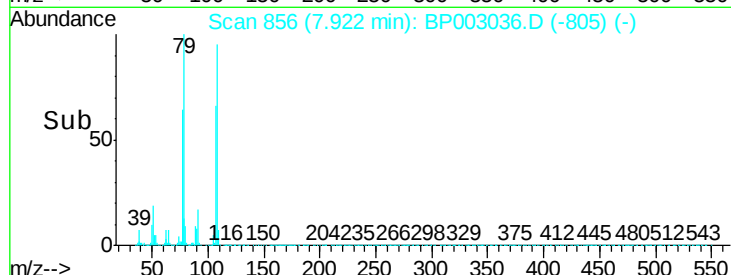
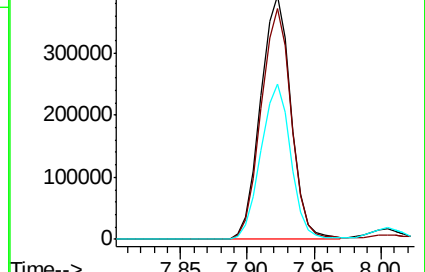
77 63.8 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.303 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

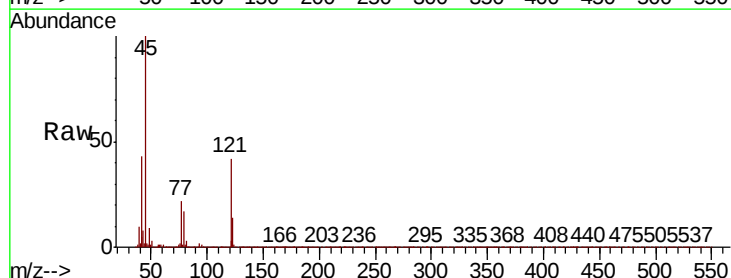
Tgt Ion: 45 Resp: 651314

Ion Ratio Lower Upper

45 100

77 21.8 1.2 41.2

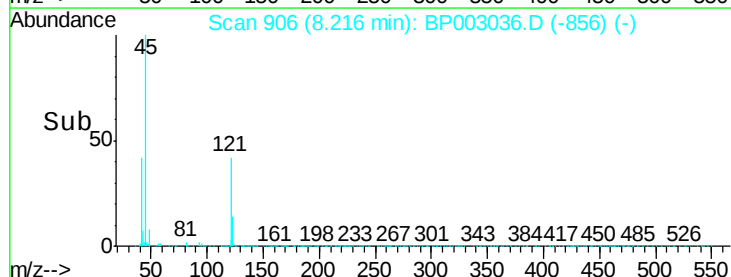
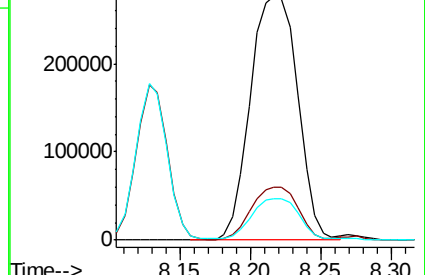
79 17.1 0.0 37.0

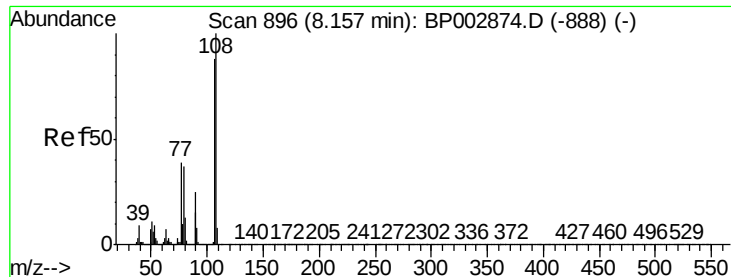


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

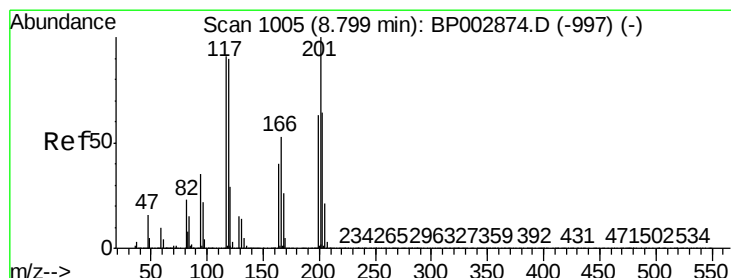
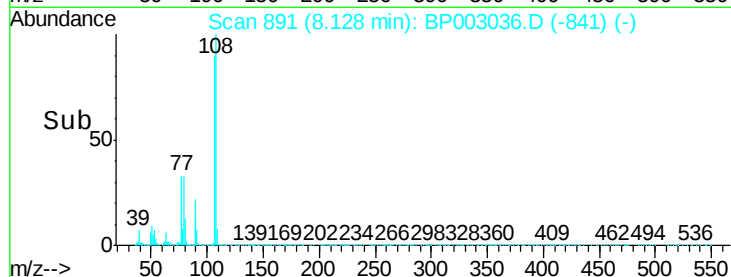
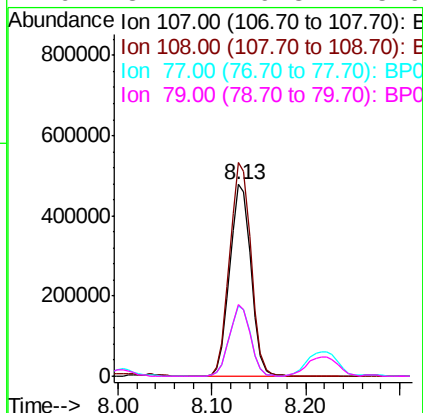
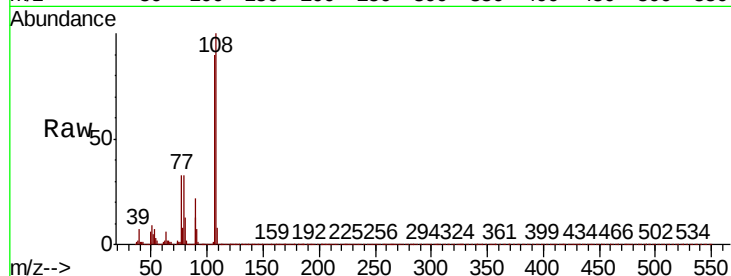




#17
2-Methylphenol
Concen: 36.815 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

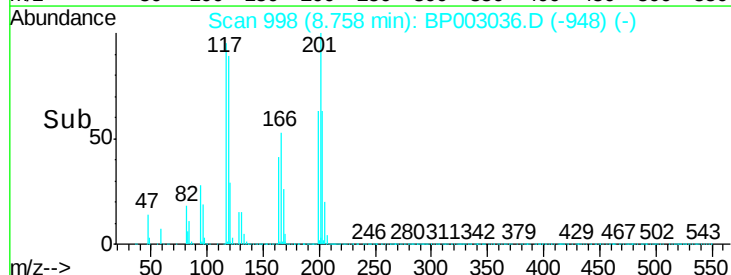
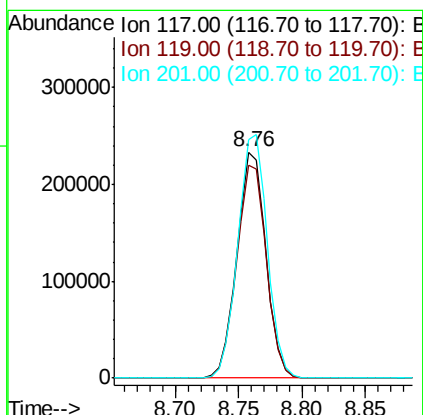
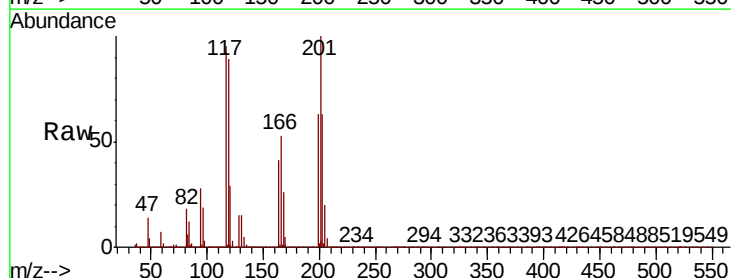
Instrument :
BNA_P
ClientSampleId :
PB131036BS

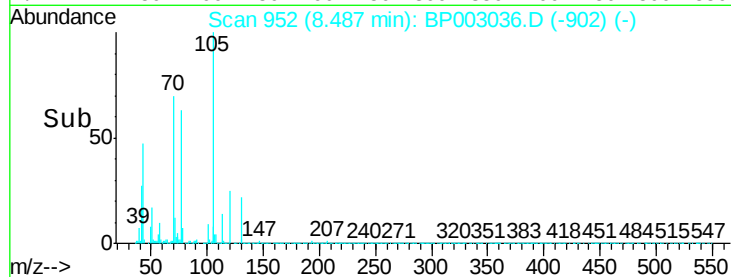
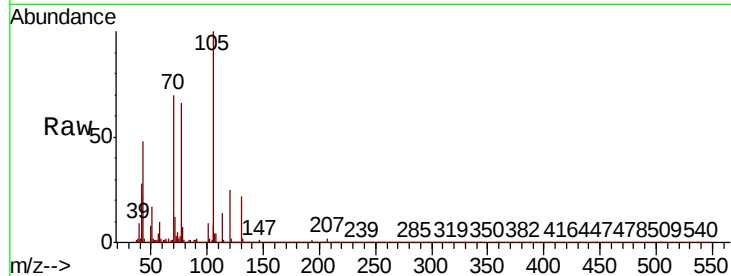
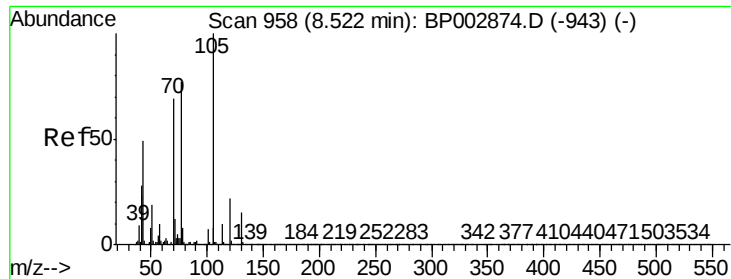
Tot Ion:	107	Resp:	749206
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.0	135.0
77	36.9	29.3	43.9
79	37.2	29.3	43.9



#18
Hexachloroethane
Concen: 38.095 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:	117	Resp:	368121
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.1	115.7
201	105.7	84.3	126.5

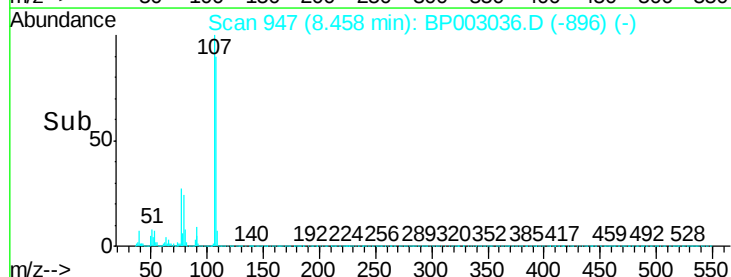
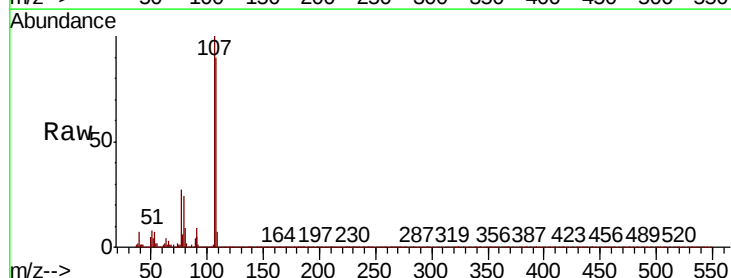
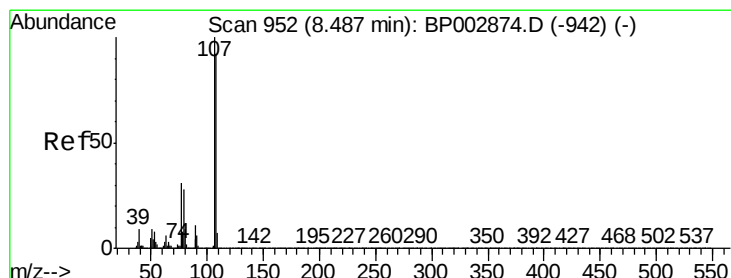
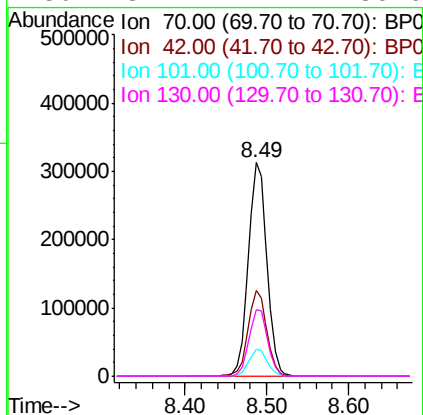




#19
n-Nitroso-di-n-propylamine
Concen: 26.936 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

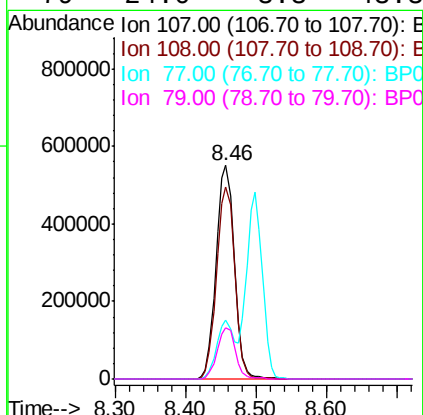
Instrument :
BNA_P
ClientSampleId :
PB131036BS

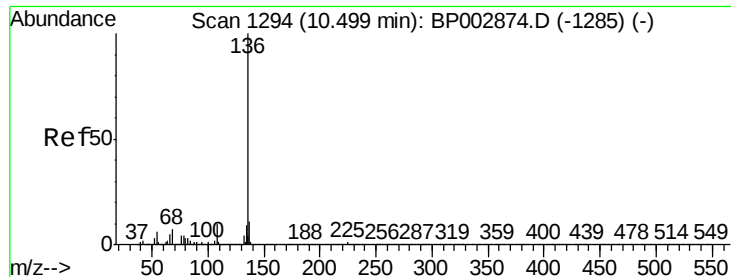
Tot Ion:	70	Resp:	490765
Ion	Ratio	Lower	Upper
70	100		
42	40.0	31.8	47.8
101	12.4	9.8	14.8
130	31.1	24.4	36.6



#20
3+4-Methylphenols
Concen: 36.044 ng
RT: 8.46 min Scan# 947
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:	107	Resp:	988581
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.1	109.1
77	27.4	7.2	47.2
79	24.0	3.3	43.3

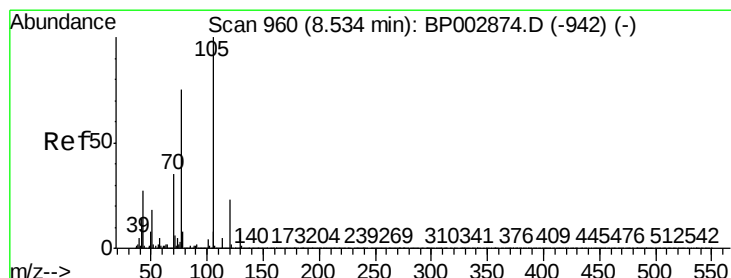
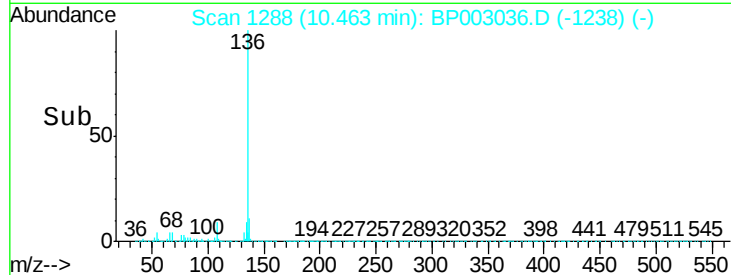
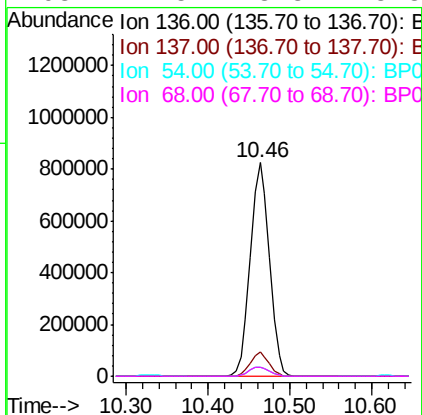
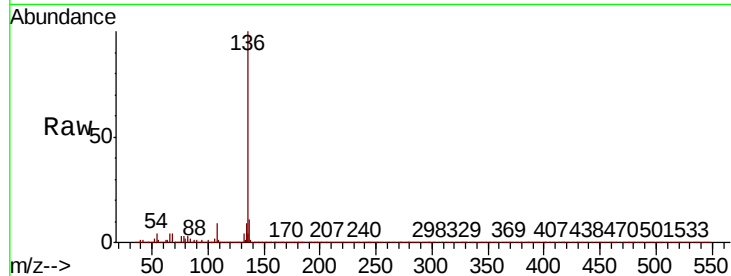




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

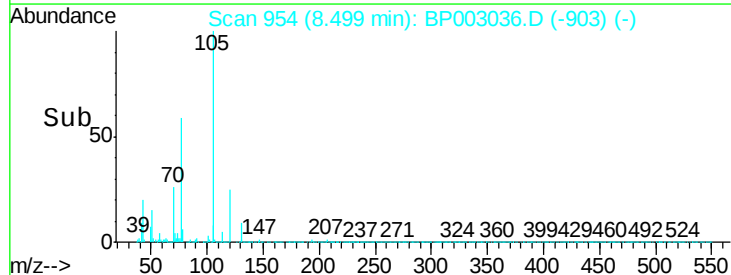
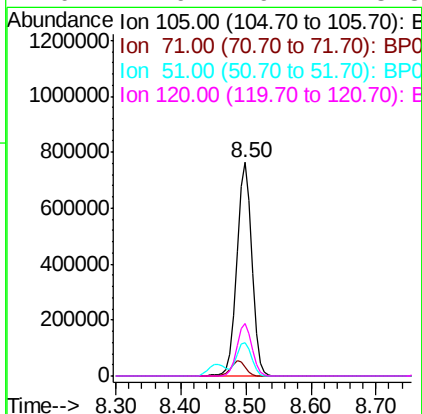
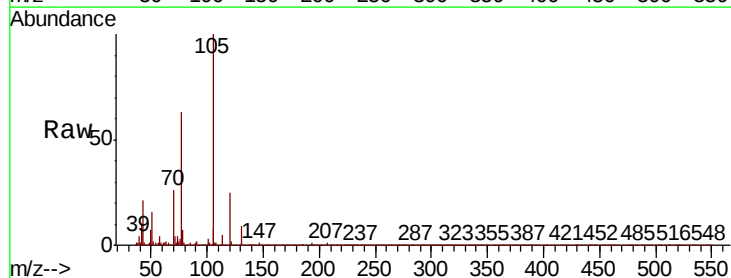
Instrument :
BNA_P
ClientSampleId :
PB131036BS

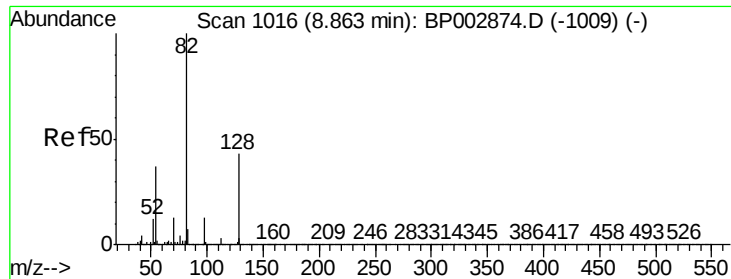
Tot Ion:136	Resp: 1341803
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 4.5	3.8 5.8
68 4.5	3.8 5.8



#22
Acetophenone
Concen: 32.137 ng
RT: 8.50 min Scan# 954
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt	Ion:105	Resp:	1216660
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.4	8.0#
51	15.8	13.5	20.3
120	24.9	19.2	28.8

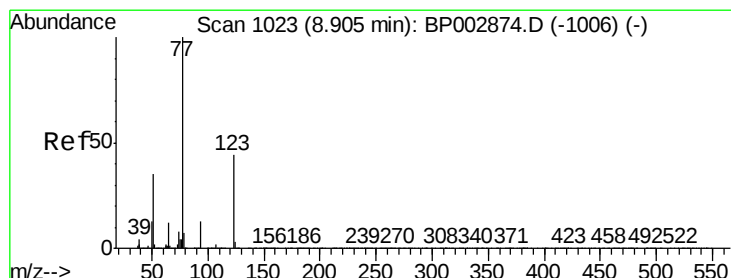
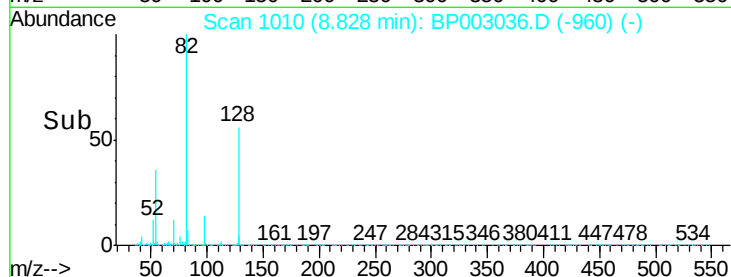
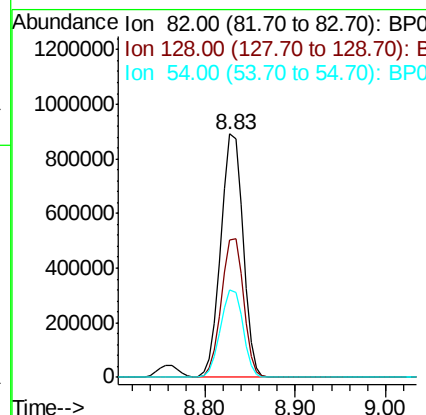
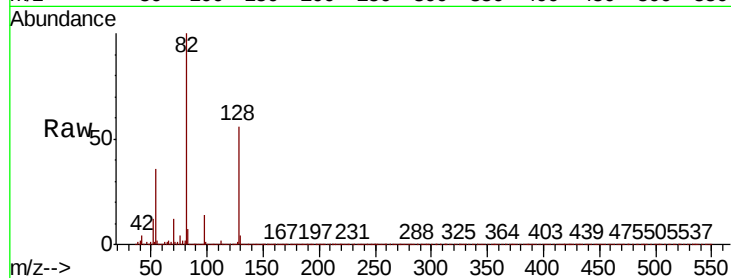




#23
Nitrobenzene-d5
Concen: 61.288 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

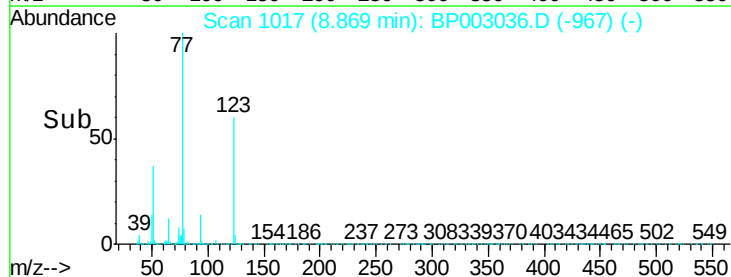
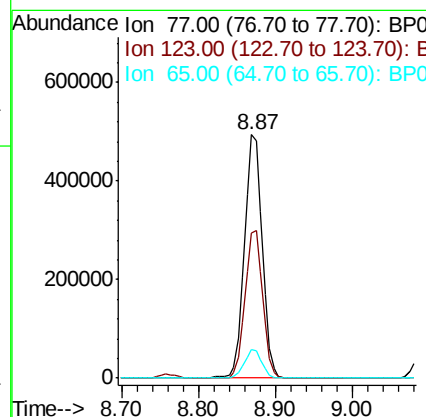
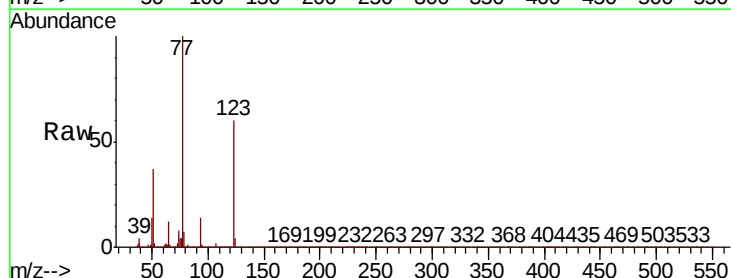
Instrument :
BNA_P
ClientSampleId :
PB131036BS

Tot Ion: 82 Resp: 1518334
Ion Ratio Lower Upper
82 100
128 56.4 45.1 67.7
54 35.8 28.8 43.2



#24
Nitrobenzene
Concen: 29.750 ng
RT: 8.87 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion: 77 Resp: 800156
Ion Ratio Lower Upper
77 100
123 59.7 47.5 71.3
65 11.8 9.2 13.8

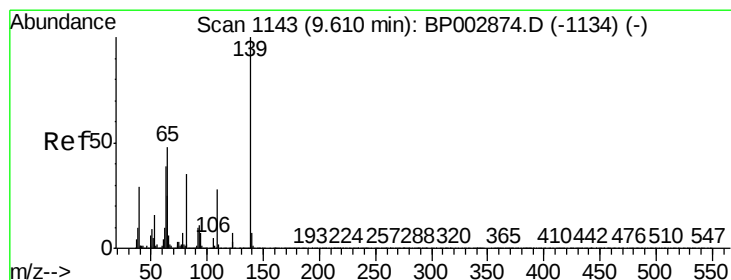
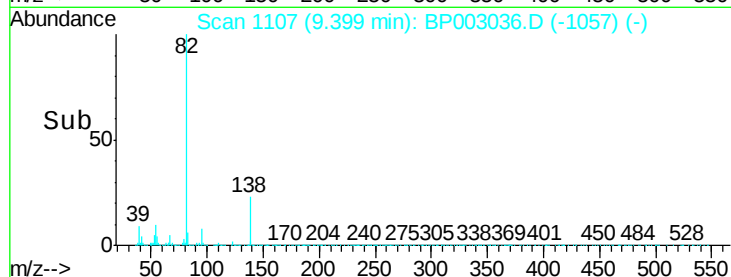
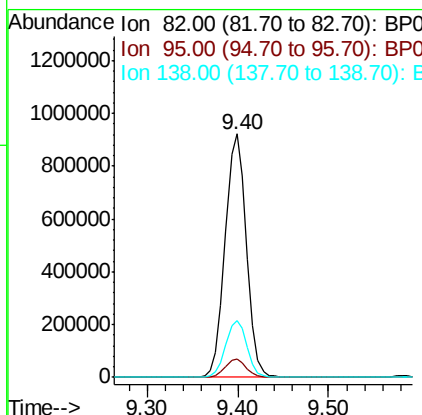
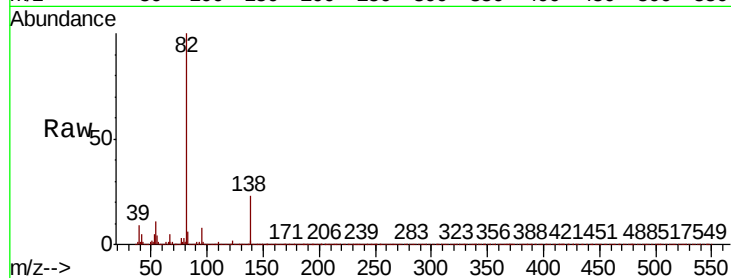




#25
Isophorone
Concen: 28.144 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

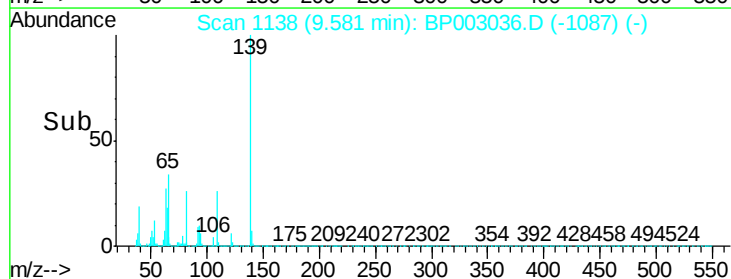
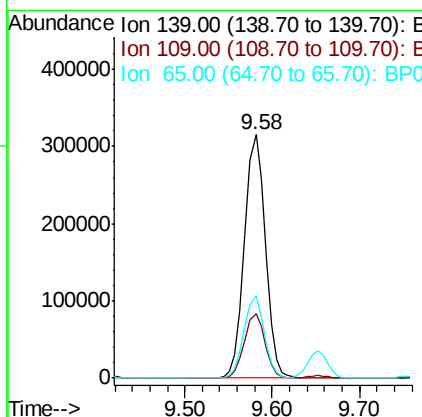
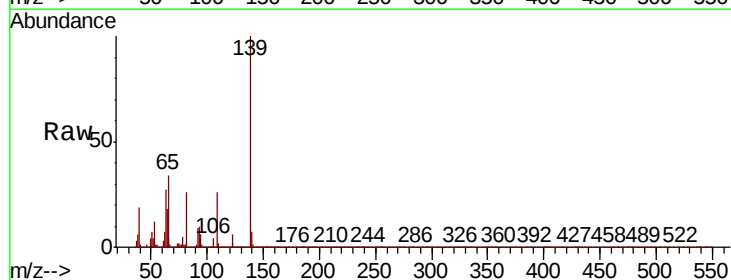
Instrument :
BNA_P
ClientSampleId :
PB131036BS

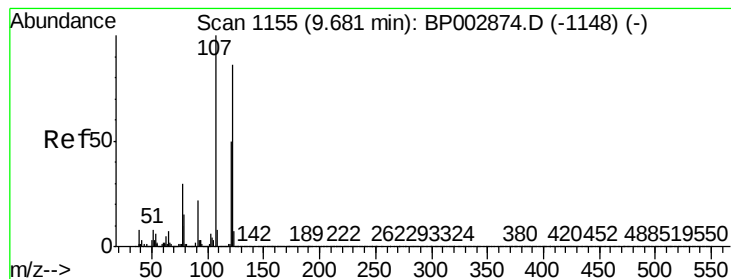
Tot Ion: 82 Resp: 1497887
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 23.5 18.8 28.2



#26
2-Nitrophenol
Concen: 45.353 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion: 139 Resp: 506061
Ion Ratio Lower Upper
139 100
109 26.4 21.0 31.6
65 33.8 27.2 40.8





#27

2,4-Dimethylphenol

Concen: 37.809 ng

RT: 9.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

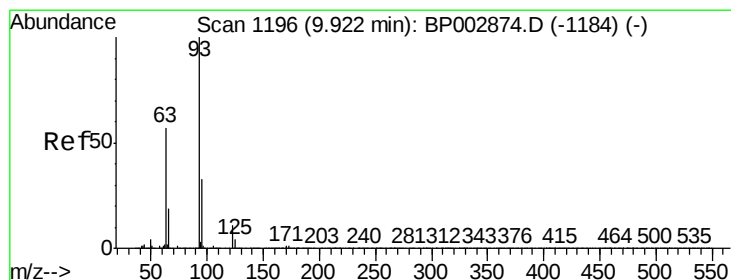
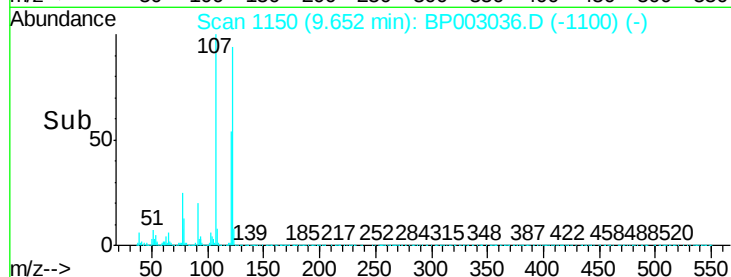
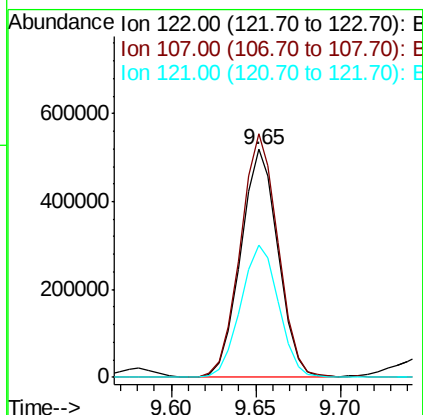
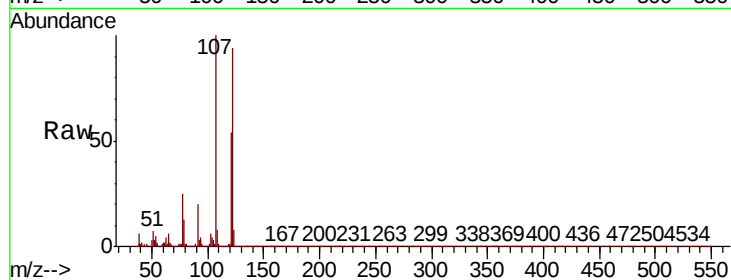
Tot Ion:122 Resp: 801356

Ion Ratio Lower Upper

122 100

107 106.9 85.4 128.0

121 58.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 34.362 ng

RT: 9.88 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

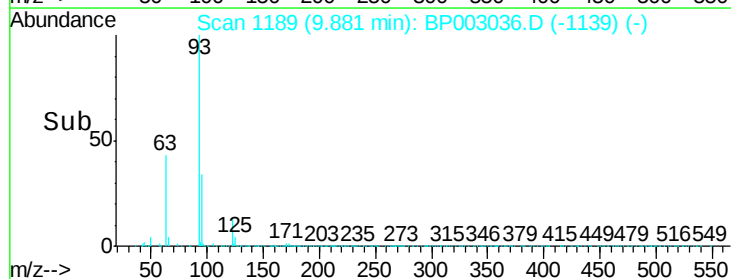
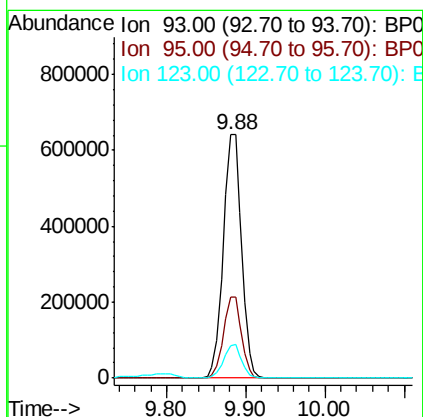
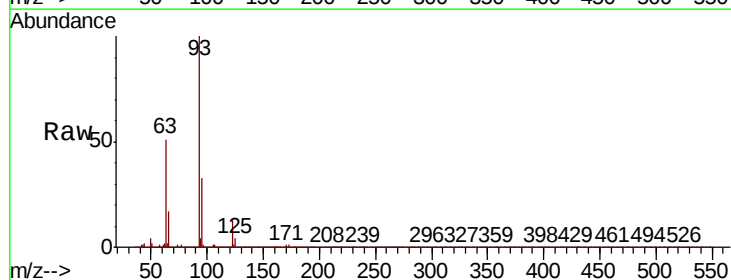
Tgt Ion: 93 Resp: 1020306

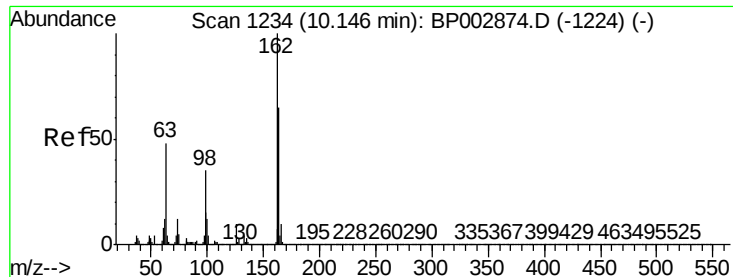
Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 13.4 10.5 15.7

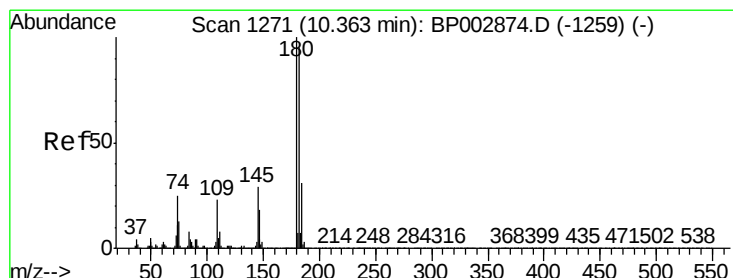
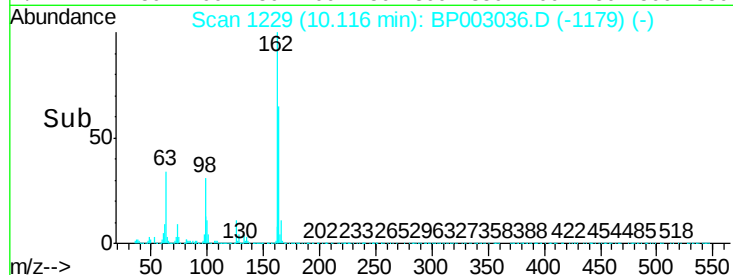
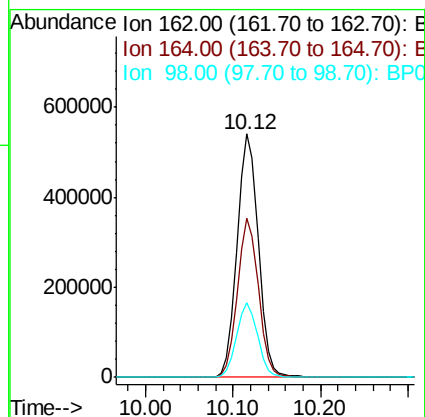
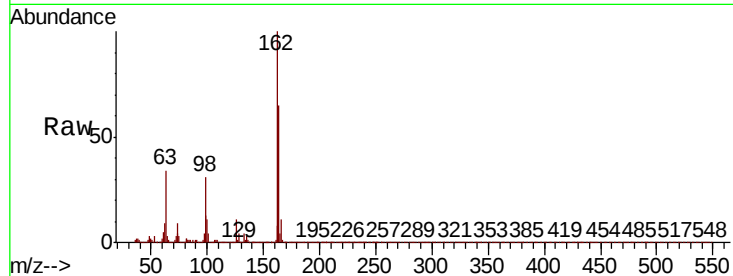




#29
2,4-Dichlorophenol
Concen: 39.708 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

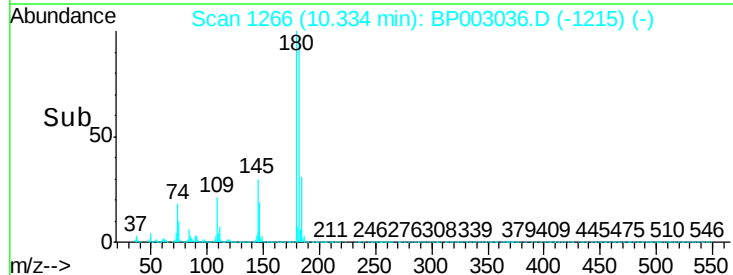
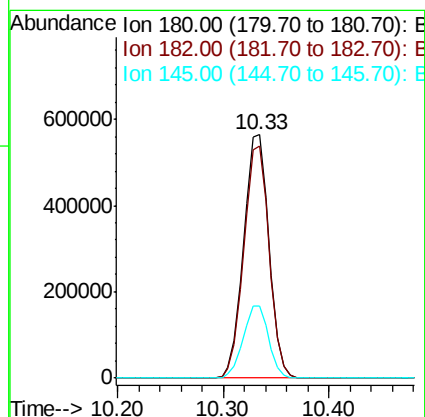
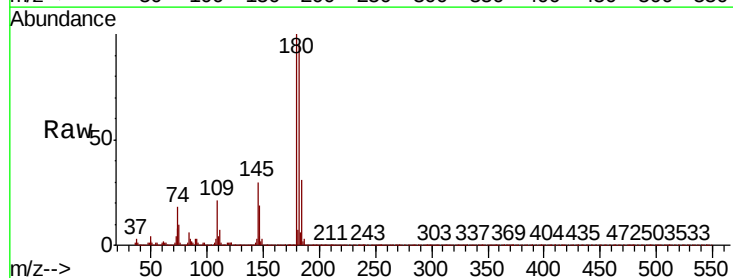
Instrument :
BNA_P
ClientSampleId :
PB131036BS

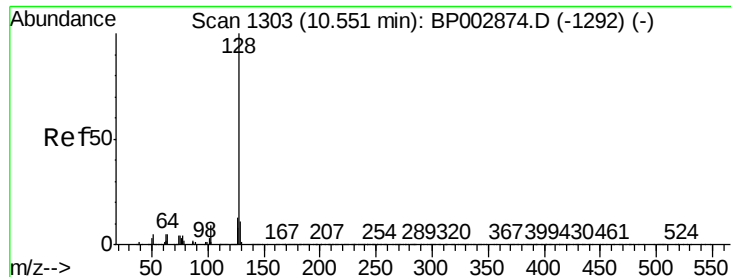
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.9	83.9
98	30.7	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 35.962 ng
RT: 10.33 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
145	29.6	24.4	36.6

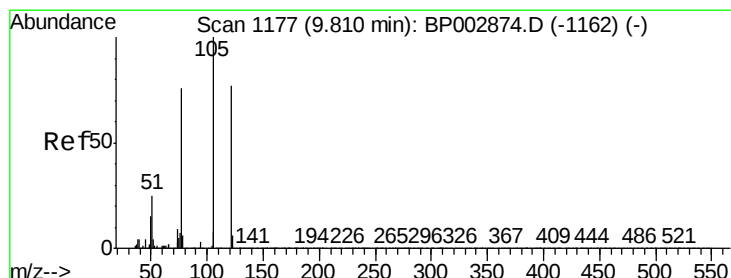
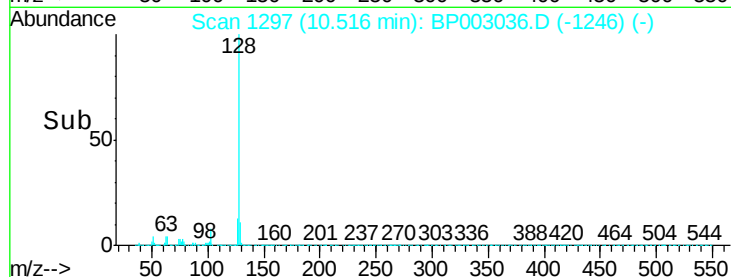
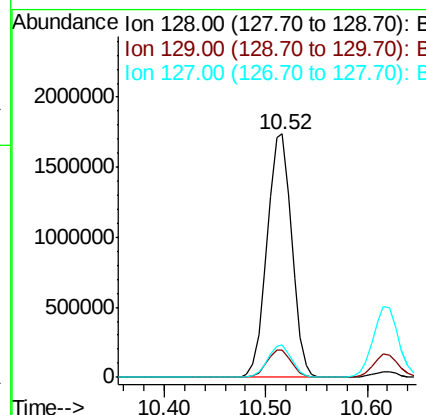
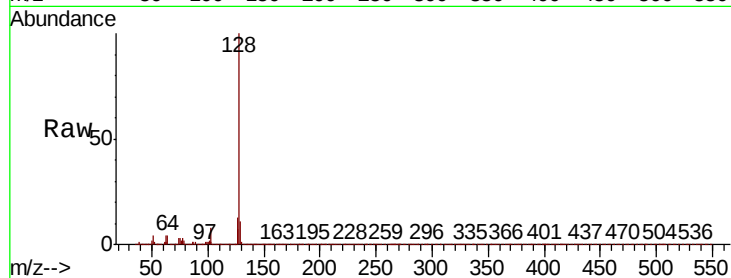




#31
Naphthalene
Concen: 38.155 ng
RT: 10.52 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

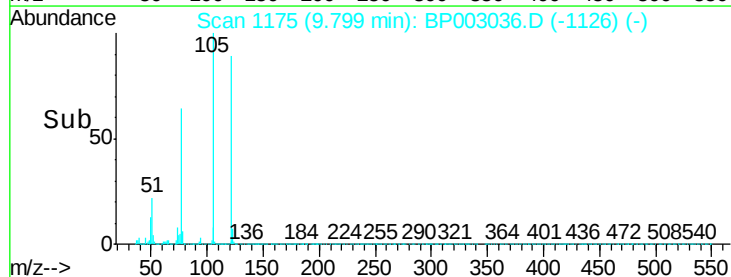
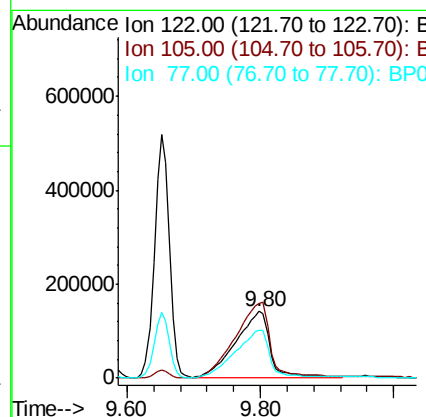
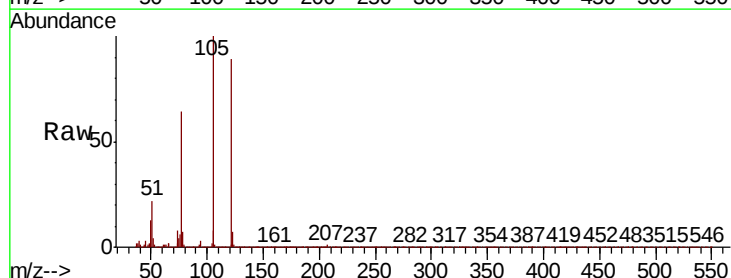
Instrument :
BNA_P
ClientSampleId :
PB131036BS

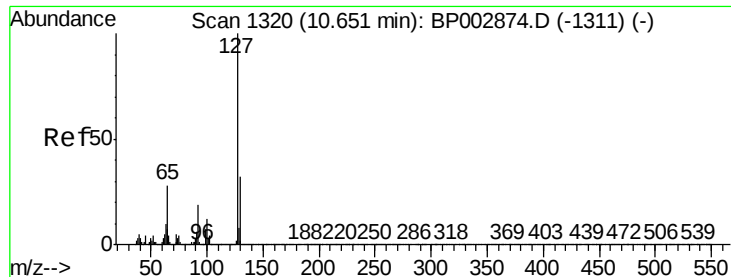
Tot Ion:128 Resp: 2930723
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 40.987 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:122 Resp: 494248
Ion Ratio Lower Upper
122 100
105 112.9 96.2 136.2
77 71.9 55.6 95.6

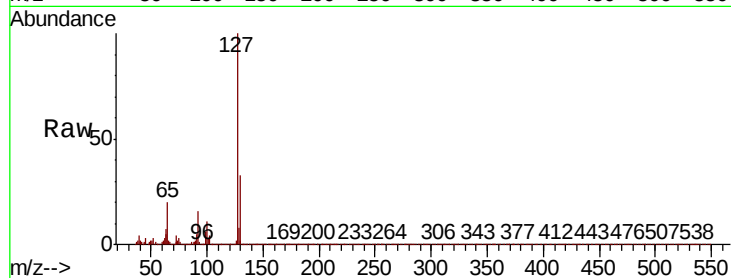




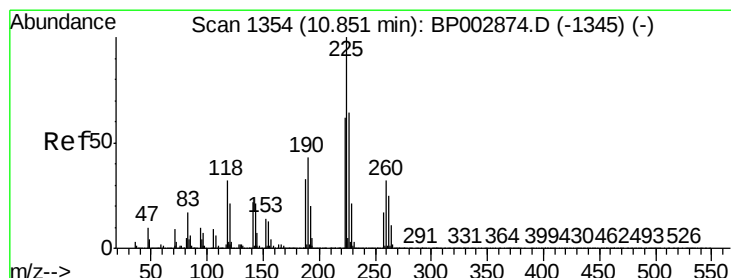
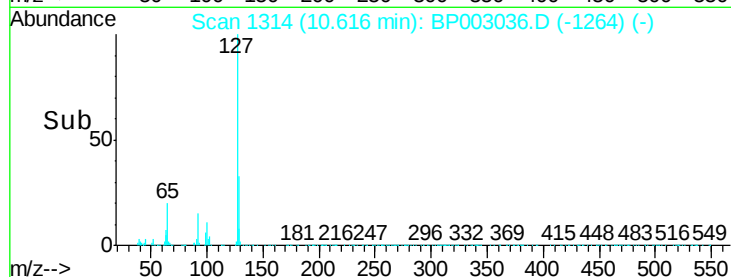
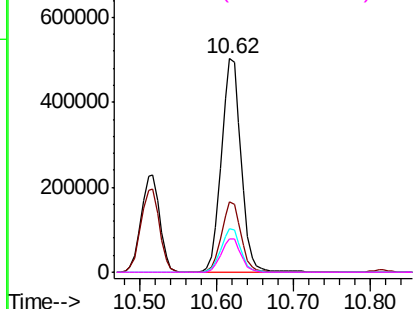
#33
4-Chloroaniline
Concen: 27.825 ng
RT: 10.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB131036BS

Tot Ion:	127	Resp:	885737
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	20.2	16.7	25.1
92	15.8	12.8	19.2

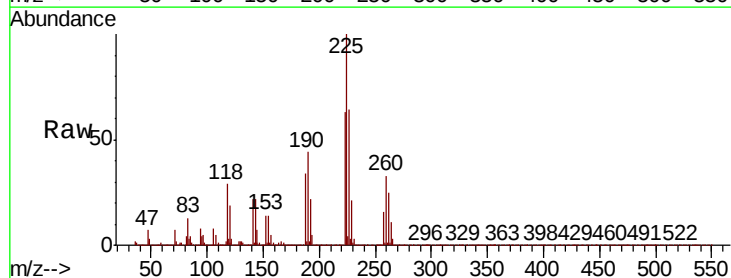


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

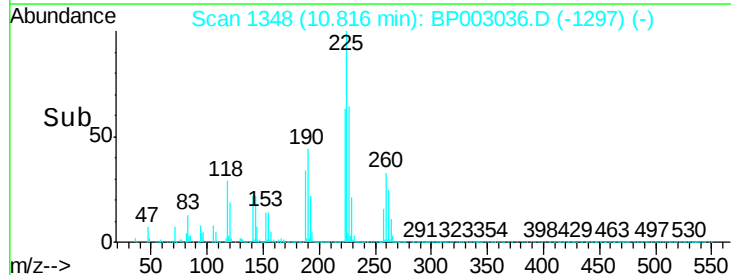
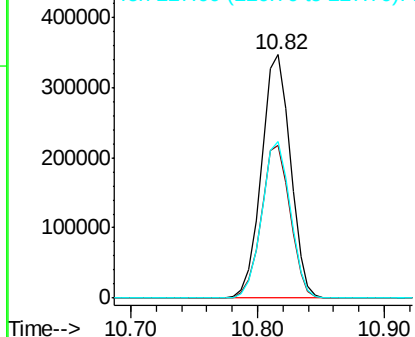


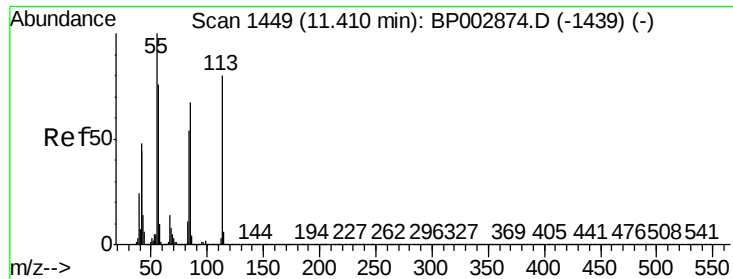
#34
Hexachlorobutadiene
Concen: 34.619 ng
RT: 10.82 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:	225	Resp:	552433
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	64.3	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

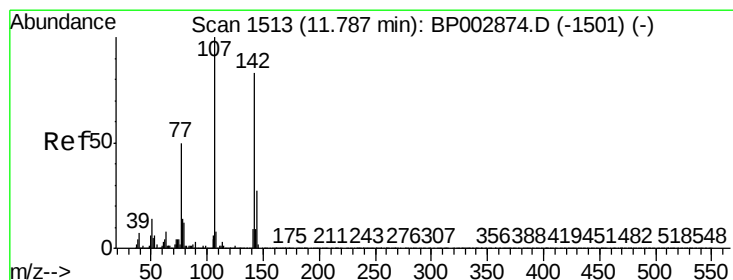
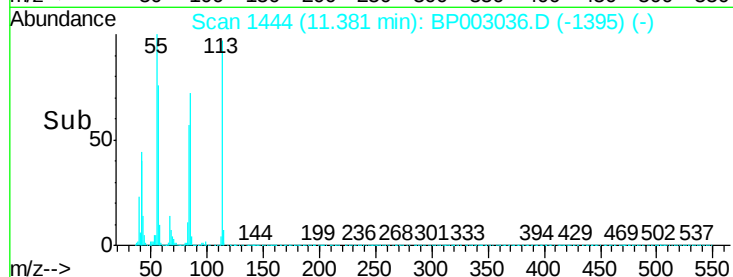
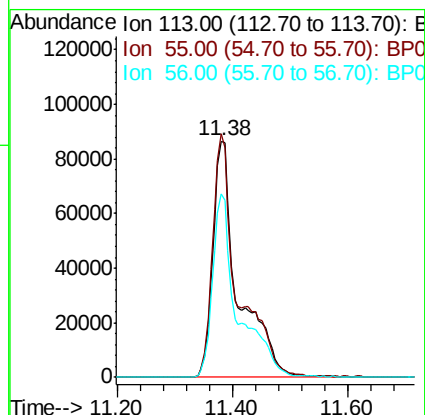
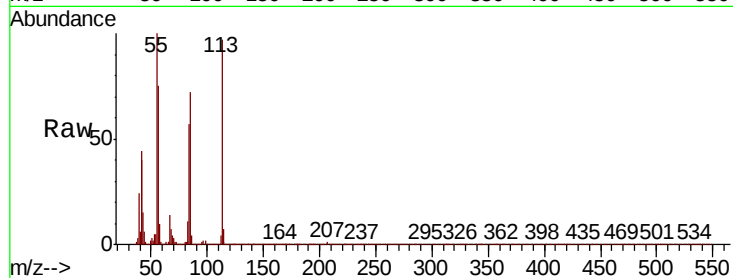




#35
 Caprolactam
 Concen: 39.030 ng
 RT: 11.38 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

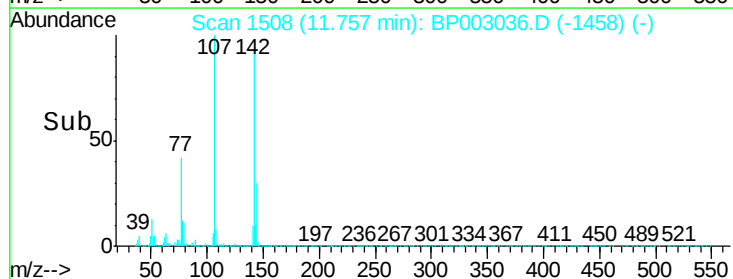
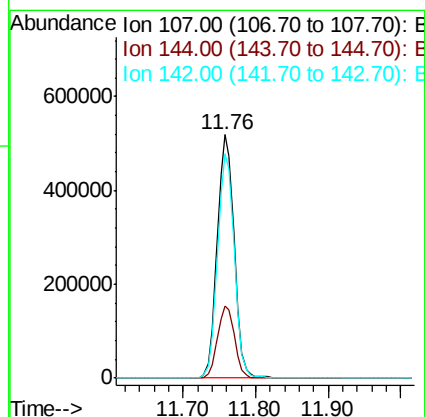
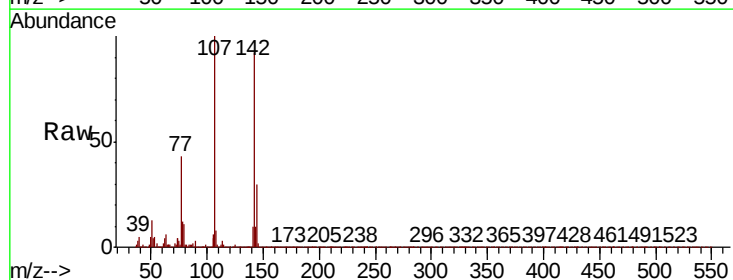
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BS

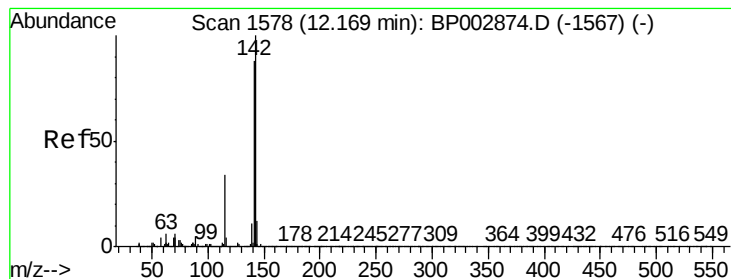
Tot Ion:113 Resp: 269387
 Ion Ratio Lower Upper
 113 100
 55 103.0 87.1 127.1
 56 77.8 61.0 101.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.385 ng
 RT: 11.76 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

Tgt Ion:107 Resp: 843699
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.8 35.6
 142 92.3 74.2 111.4





#37

2-Methylnaphthalene

Concen: 37.638 ng

RT: 12.13 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

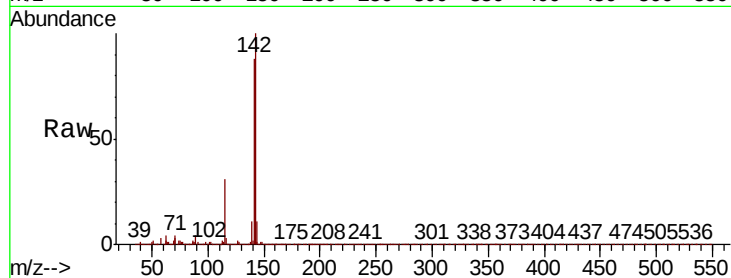
Tot Ion:142 Resp: 2056441

Ion Ratio Lower Upper

142 100

141 88.5 70.5 105.7

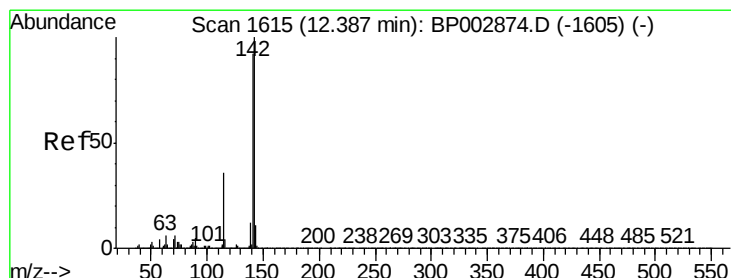
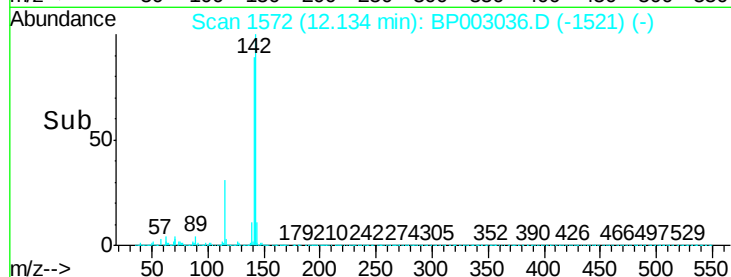
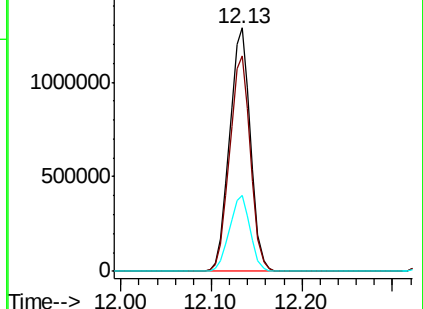
115 30.9 25.0 37.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.181 ng

RT: 12.35 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

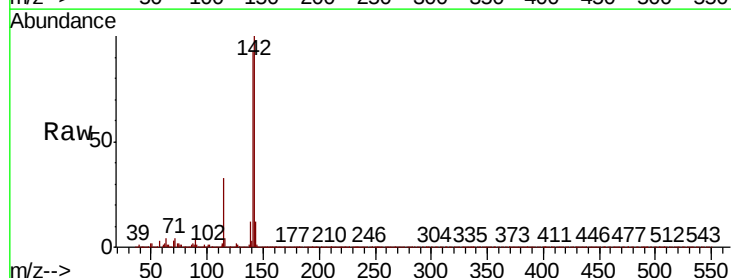
Tgt Ion:142 Resp: 1963742

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3

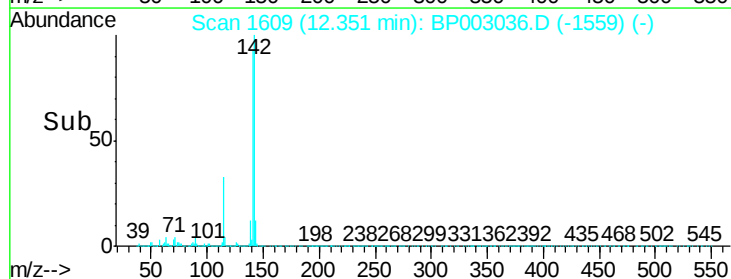
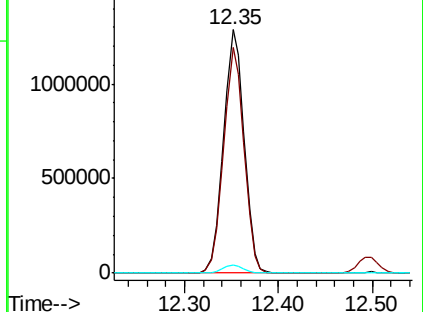
116 3.5 2.8 4.2

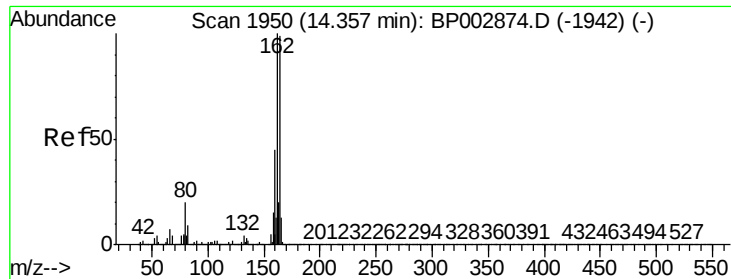


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

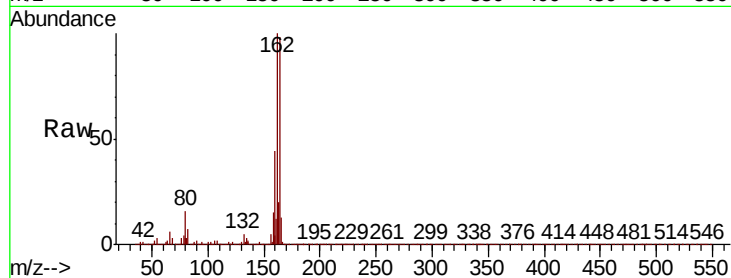
Tot Ion:164 Resp: 662423

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 45.3 35.5 53.3

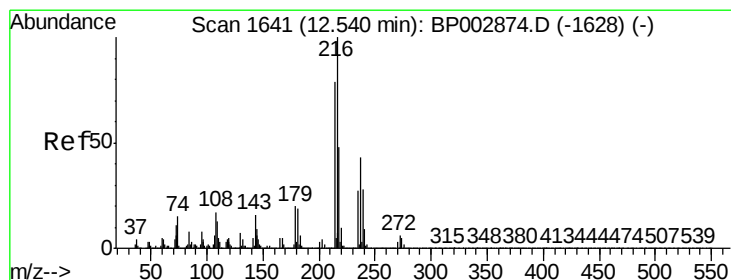
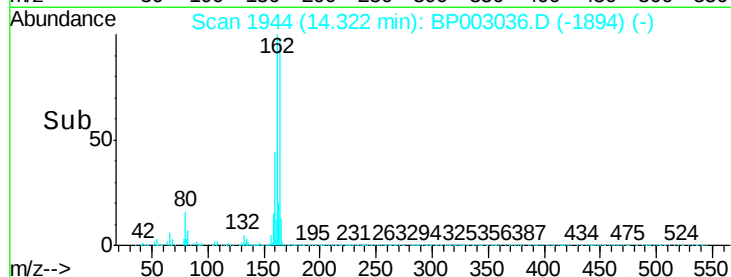
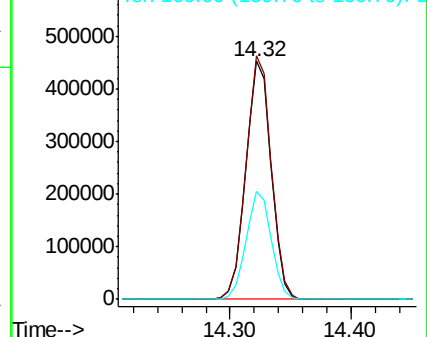


Abundance

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: 39.195 ng

RT: 12.51 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Tgt Ion:216 Resp: 933479

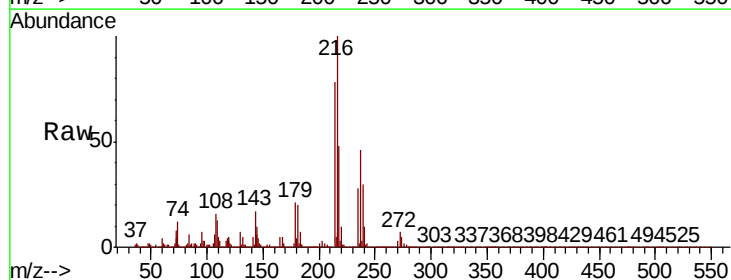
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 21.2 17.3 25.9

108 18.2 13.6 20.4



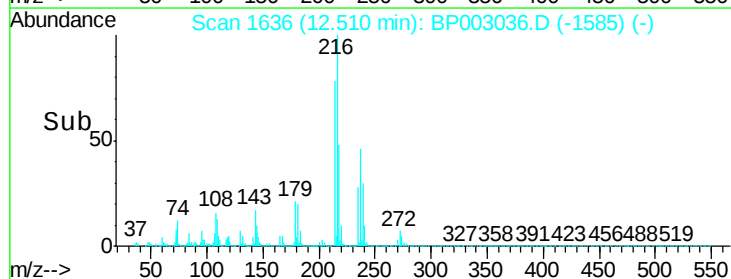
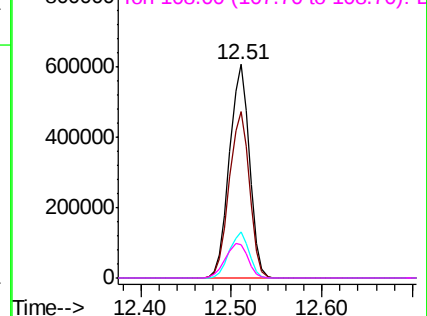
Abundance

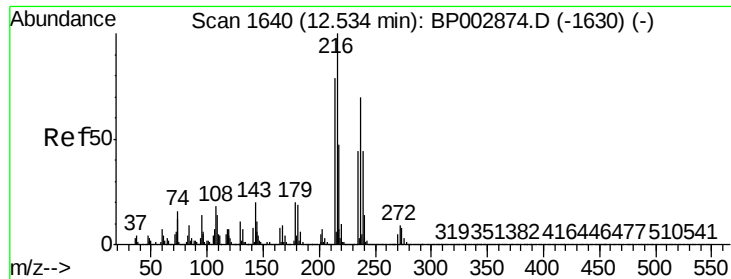
Ion 216.00 (215.70 to 216.70): E

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

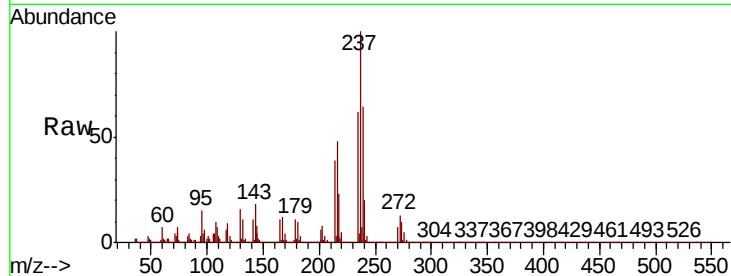




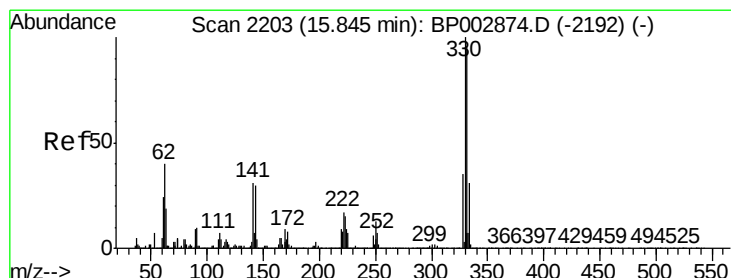
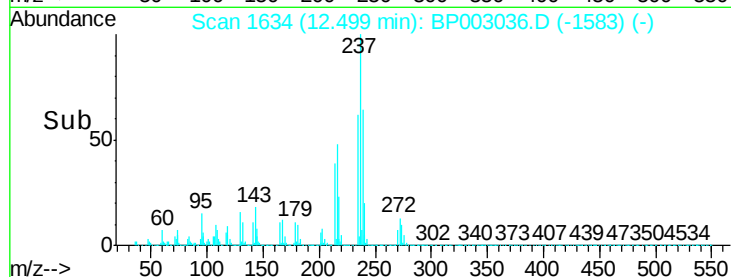
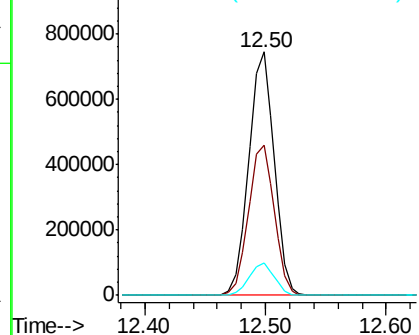
#41
Hexachlorocyclopentadiene
Concen: 88.974 ng
RT: 12.50 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB131036BS

Tot Ion:237 Resp: 1099301
Ion Ratio Lower Upper
237 100
235 61.7 43.8 83.8
272 13.2 0.0 33.3

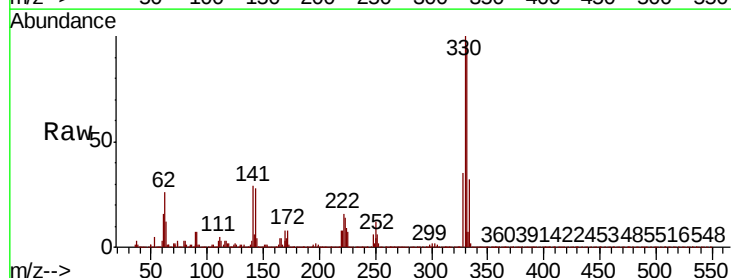


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

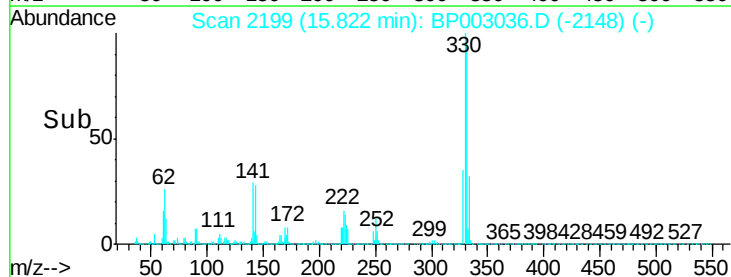
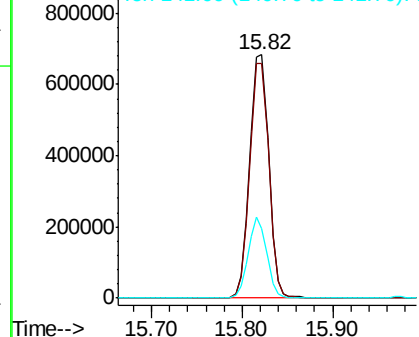


#42
2,4,6-Tribromophenol
Concen: 121.960 ng
RT: 15.82 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:330 Resp: 1004112
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 32.0 26.7 40.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

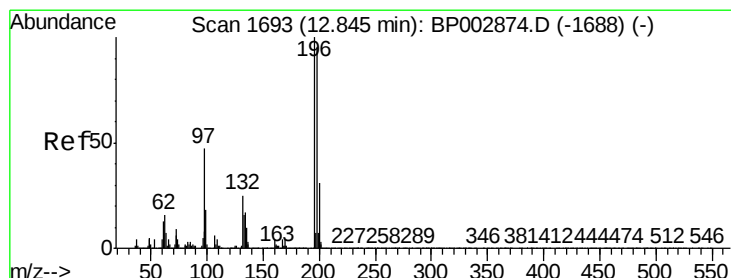
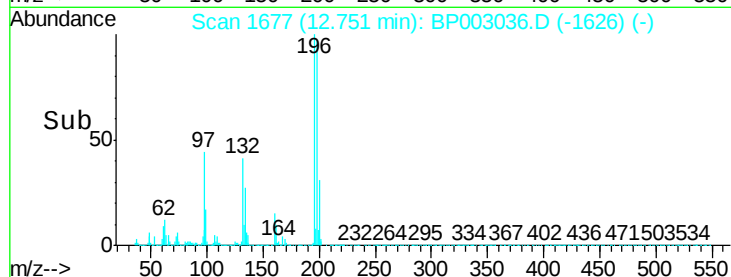
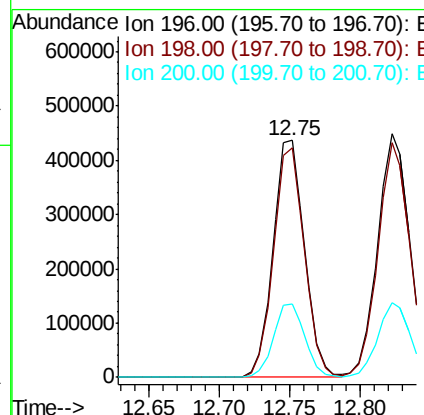
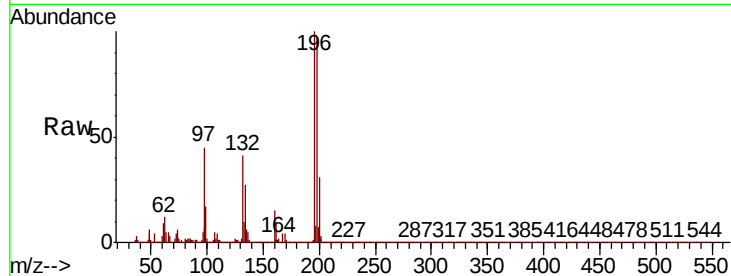




#43
 2,4,6-Trichlorophenol
 Concen: 49.244 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

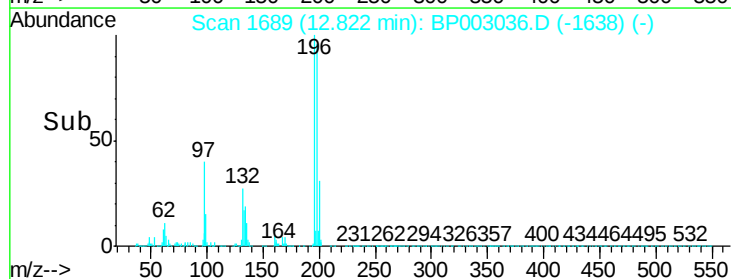
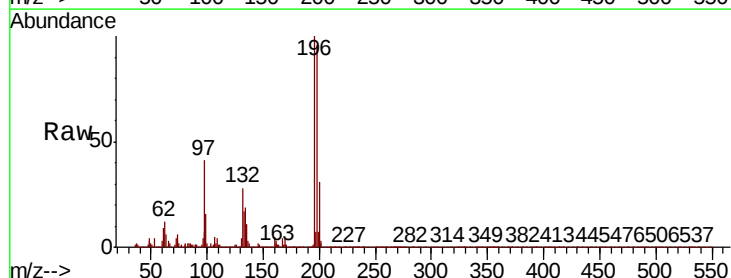
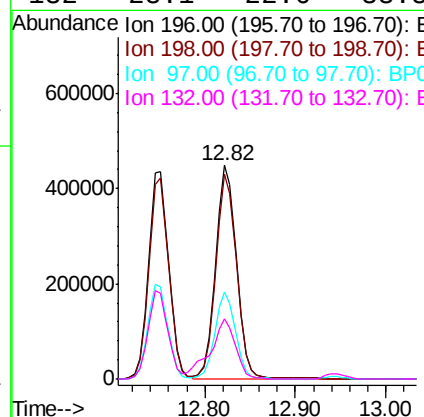
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BS

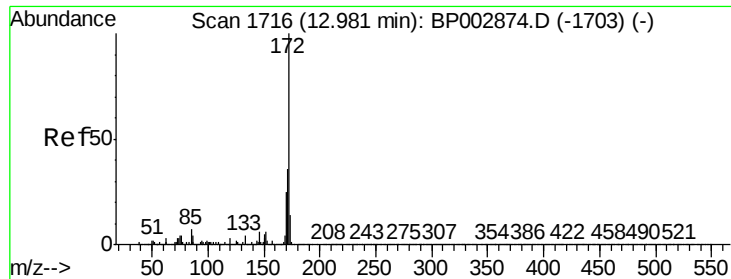
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.2
200	31.3	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.401 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.8	115.2
97	40.8	33.6	50.4
132	28.1	22.6	33.8

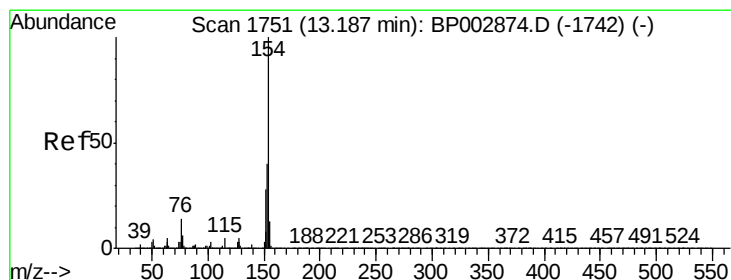
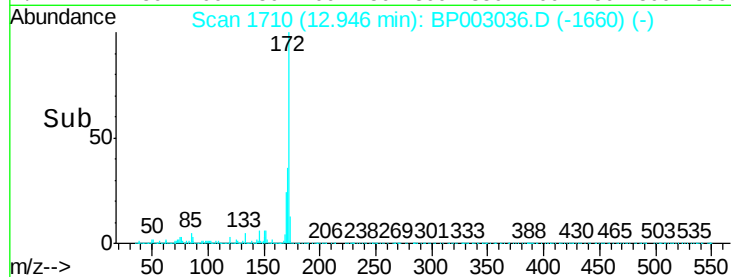
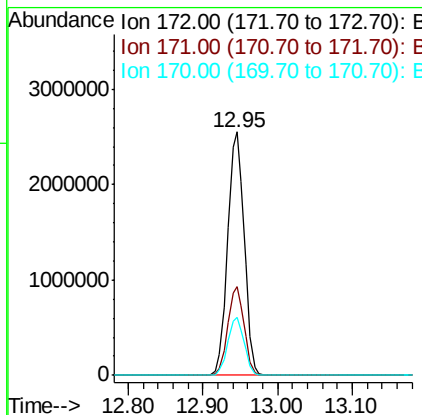
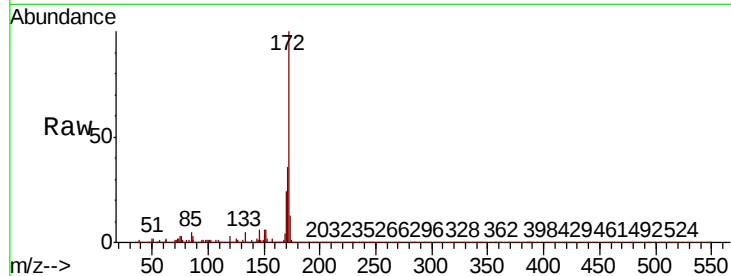




#45
2-Fluorobiphenyl
Concen: 81.389 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

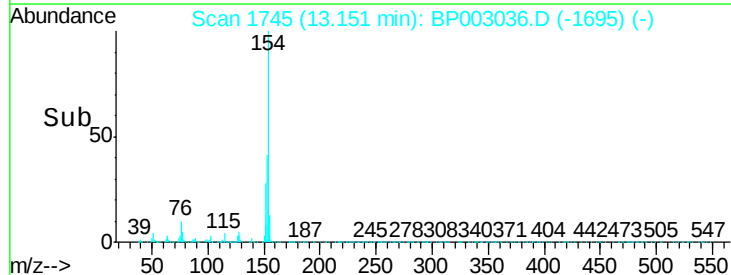
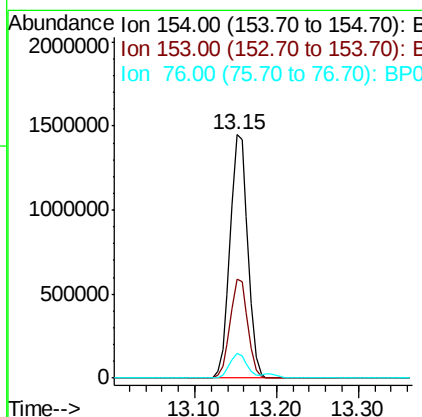
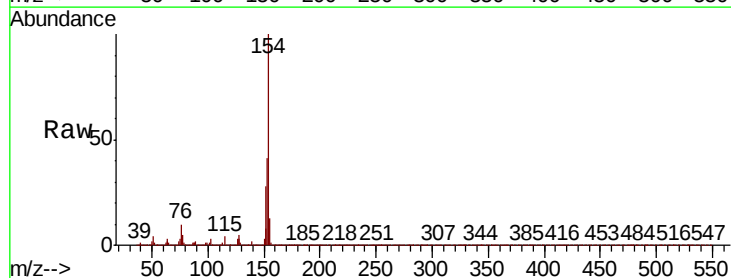
Instrument :
BNA_P
ClientSampleId :
PB131036BS

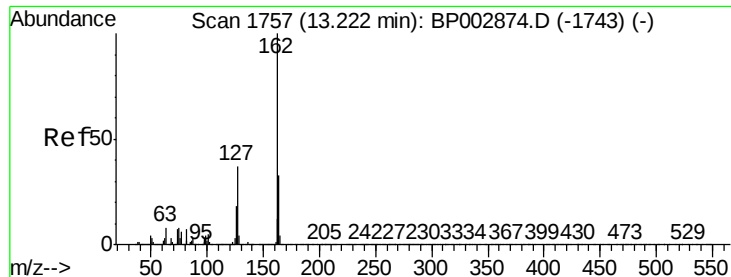
Tot Ion:172 Resp: 3945986
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.766 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:154 Resp: 2177642
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 10.0 0.0 30.1

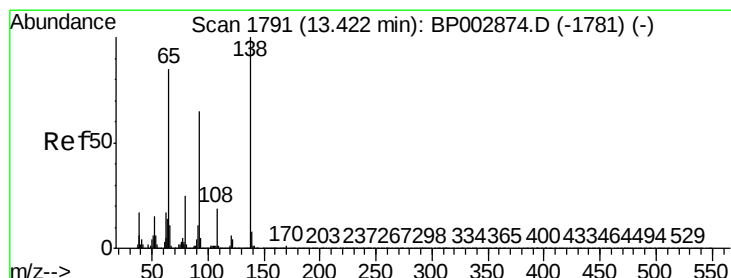
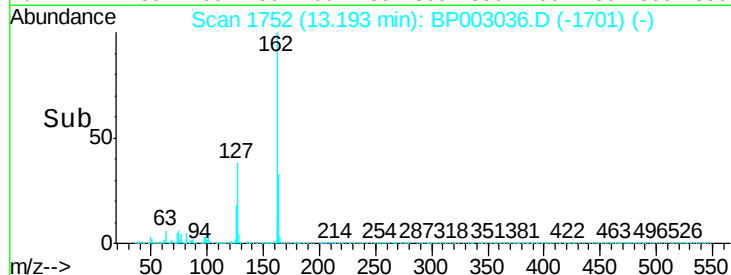
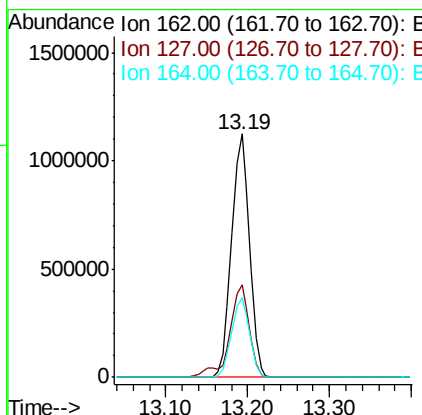
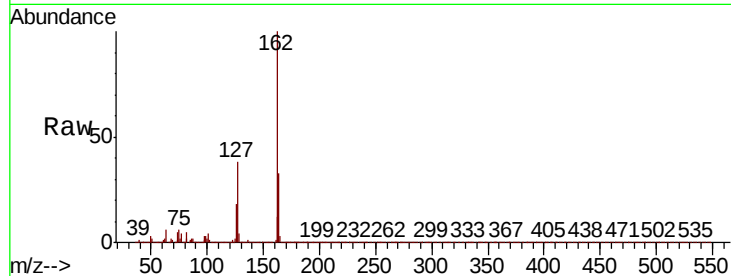




#47
 2-Chloronaphthalene
 Concen: 40.058 ng
 RT: 13.19 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

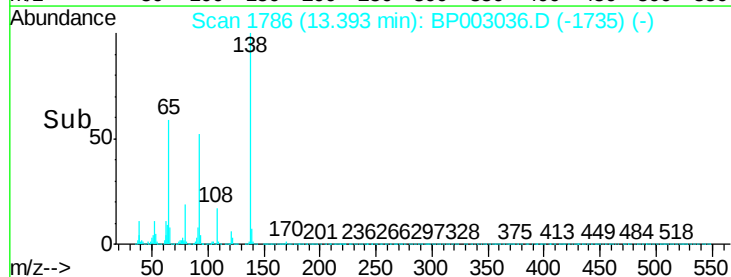
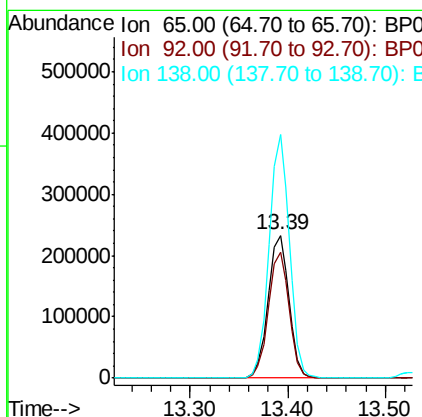
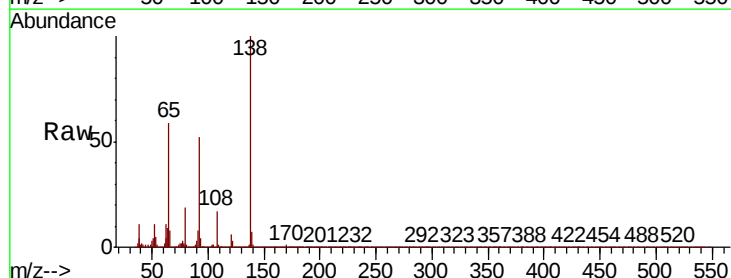
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BS

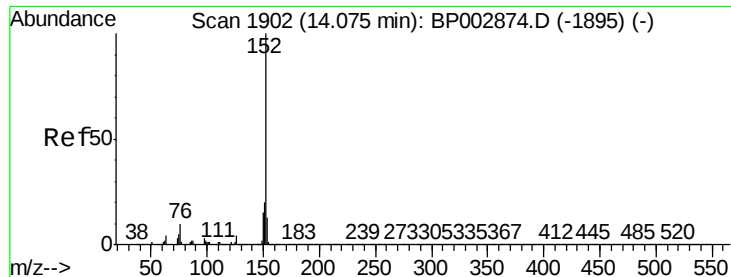
Tot Ion:162 Resp: 1717745
 Ion Ratio Lower Upper
 162 100
 127 38.2 30.6 46.0
 164 32.9 26.5 39.7



#48
 2-Nitroaniline
 Concen: 34.009 ng
 RT: 13.39 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

Tgt Ion: 65 Resp: 350265
 Ion Ratio Lower Upper
 65 100
 92 88.5 70.1 105.1
 138 170.7 129.7 194.5





#49

Acenaphthylene

Concen: 40.523 ng

RT: 14.04 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

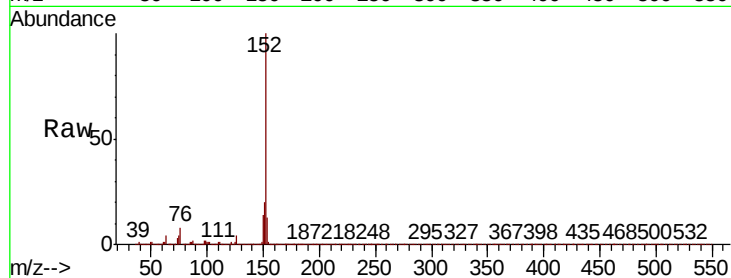
BNA_P

ClientSampleId :

PB131036BS

Tot Ion:152 Resp: 2725202

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7
153	13.4	10.7	16.1

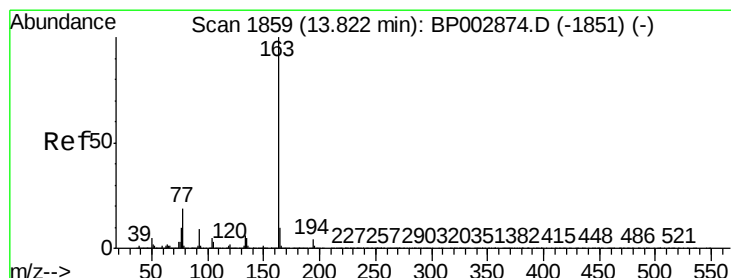
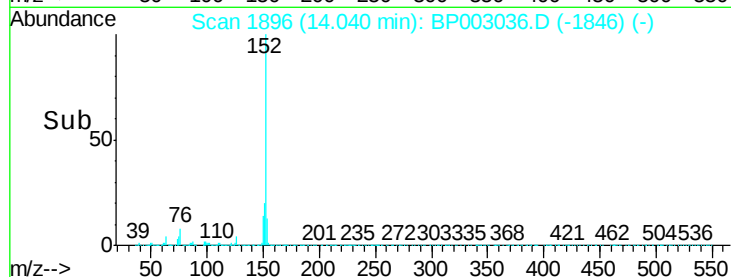
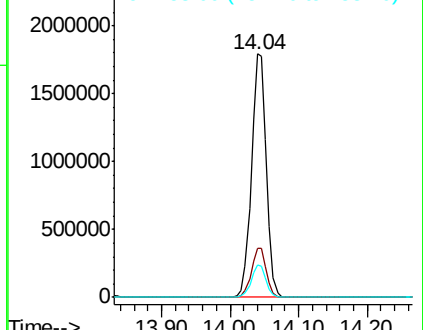


Abundance

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: 41.387 ng

RT: 13.79 min Scan# 1853

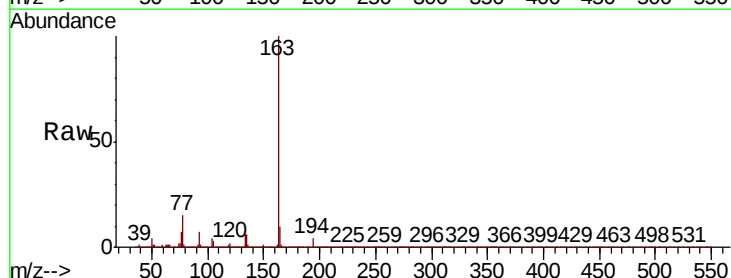
Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Tgt Ion:163 Resp: 2144276

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.1	12.1

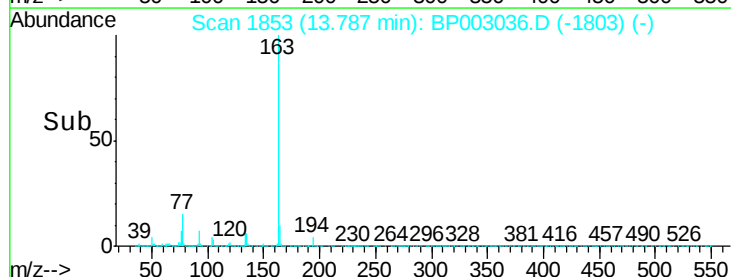
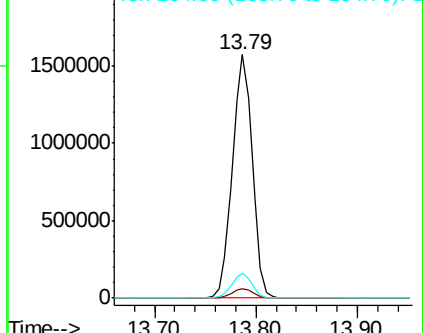


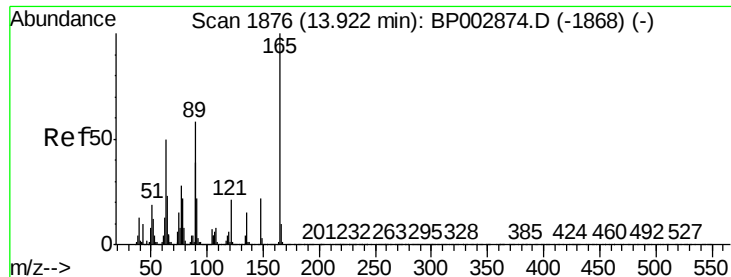
Abundance

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: 41.720 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

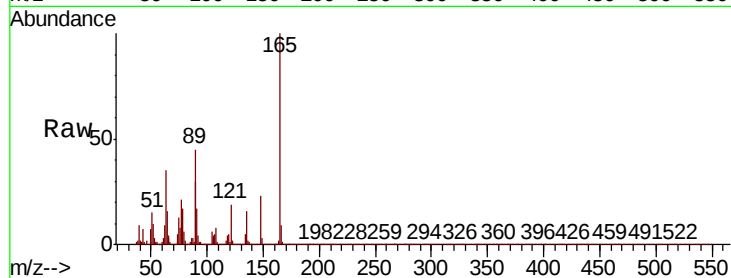
Tot Ion:165 Resp: 482538

Ion Ratio Lower Upper

165 100

63 35.5 28.1 42.1

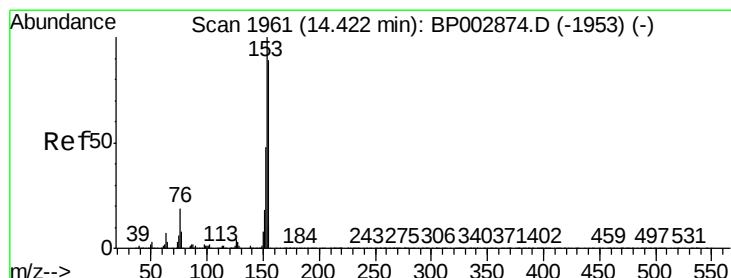
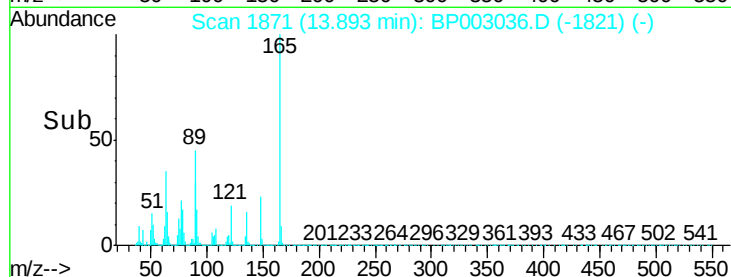
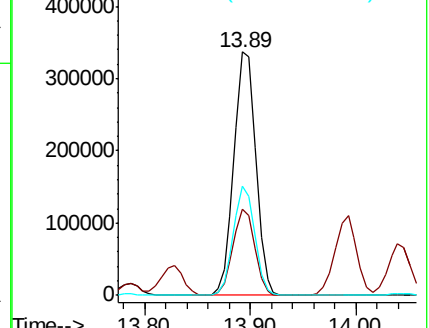
89 44.8 34.5 51.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 37.671 ng

RT: 14.39 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

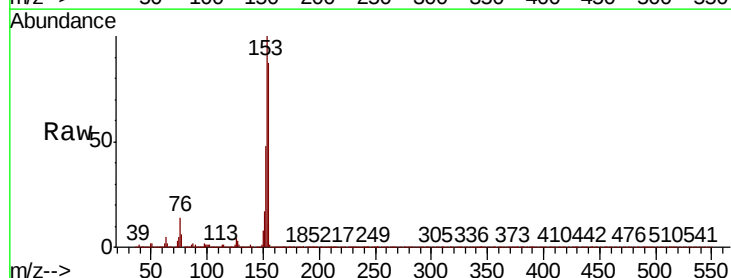
Tgt Ion:154 Resp: 1628270

Ion Ratio Lower Upper

154 100

153 114.5 89.5 134.3

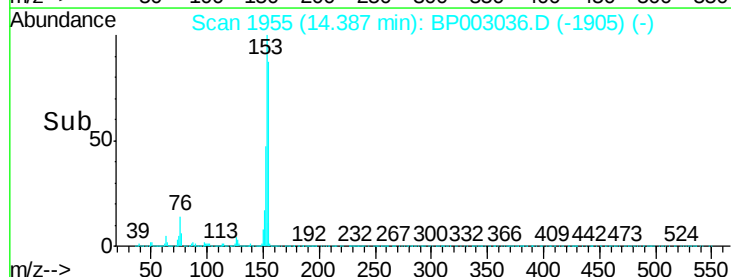
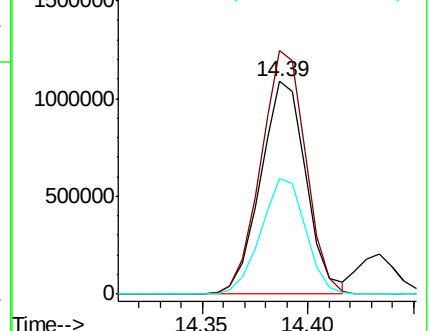
152 54.4 42.7 64.1

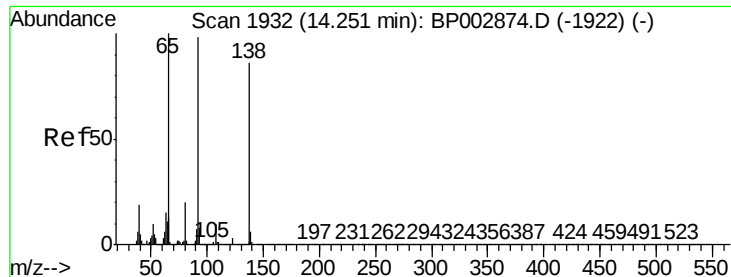


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

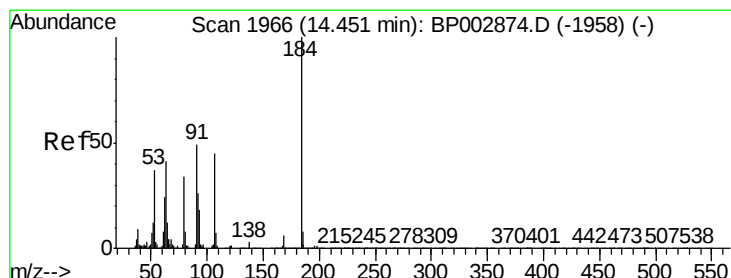
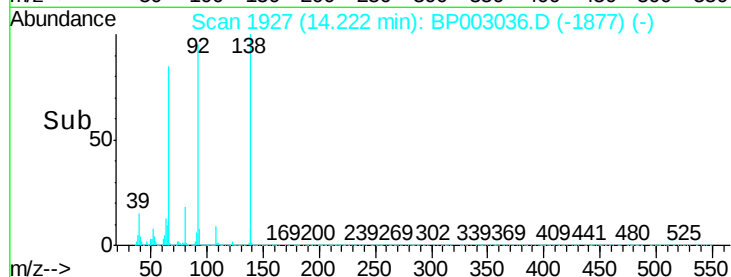
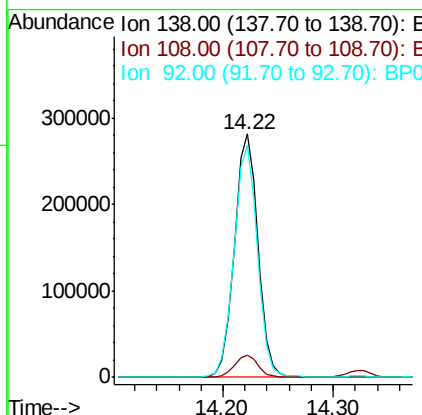
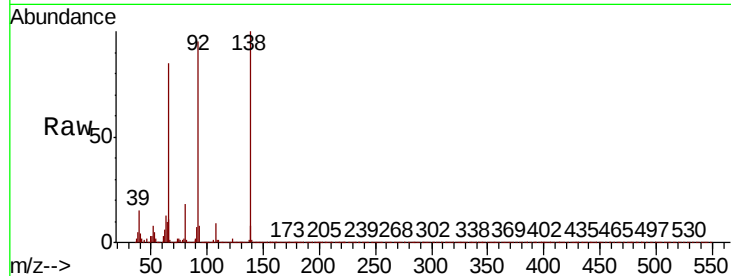




#53
3-Nitroaniline
Concen: 35.345 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

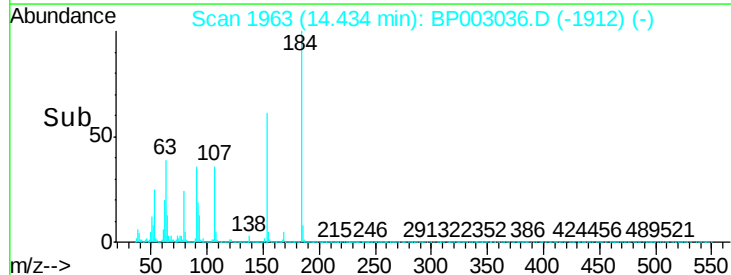
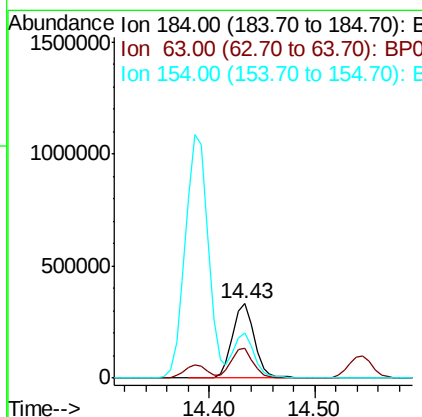
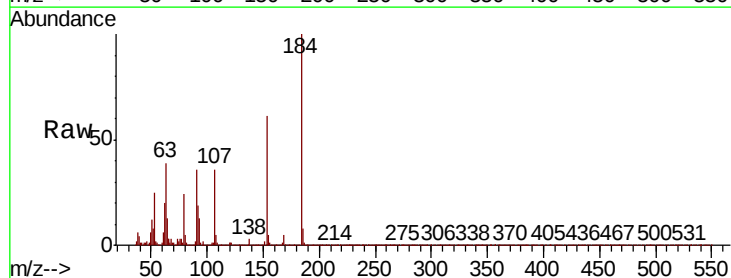
Instrument :
BNA_P
ClientSampleId :
PB131036BS

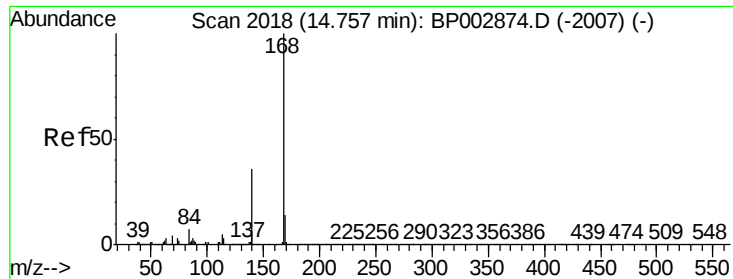
Tot Ion:138 Resp: 422081
Ion Ratio Lower Upper
138 100
108 9.4 7.7 11.5
92 95.4 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 95.975 ng
RT: 14.43 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:184 Resp: 481020
Ion Ratio Lower Upper
184 100
63 39.5 33.0 49.6
154 60.7 46.8 70.2





#55

Dibenzofuran

Concen: 38.403 ng

RT: 14.73 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

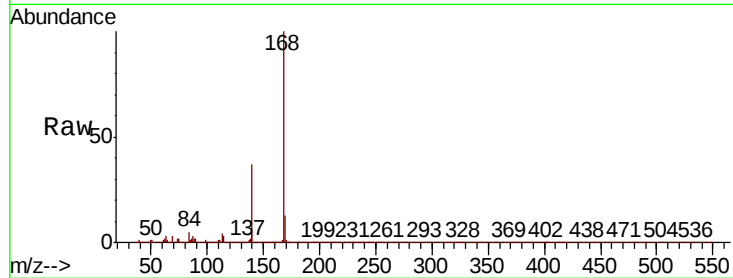
BNA_P

ClientSampleId :

PB131036BS

Tot Ion:168 Resp: 2546112

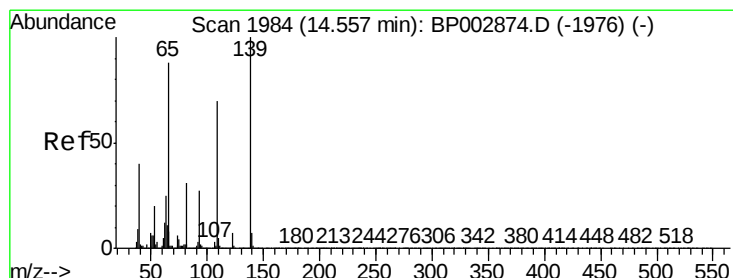
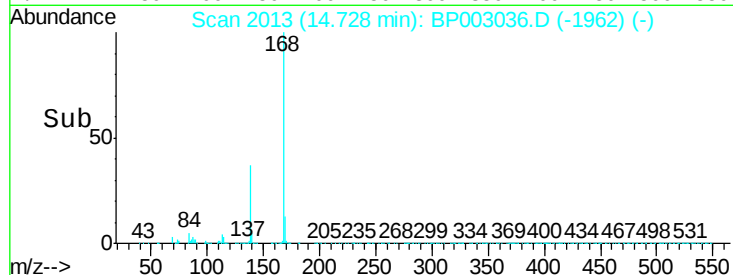
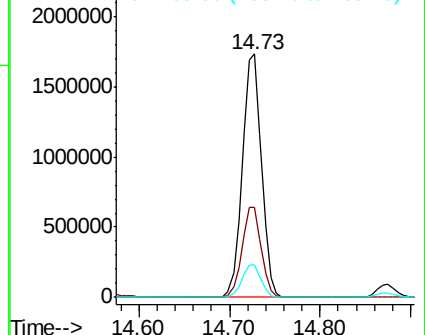
Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.4	45.6
169	13.2	11.0	16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.303 ng

RT: 14.55 min Scan# 1982

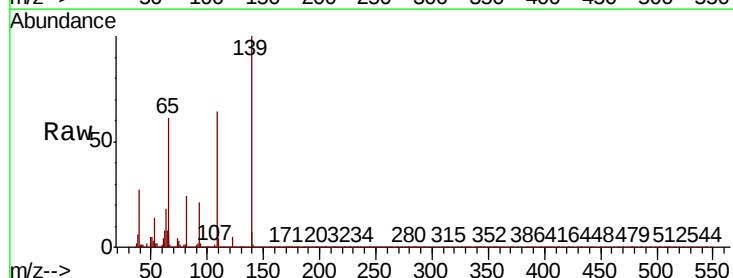
Delta R.T. 0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Tgt Ion:139 Resp: 848003

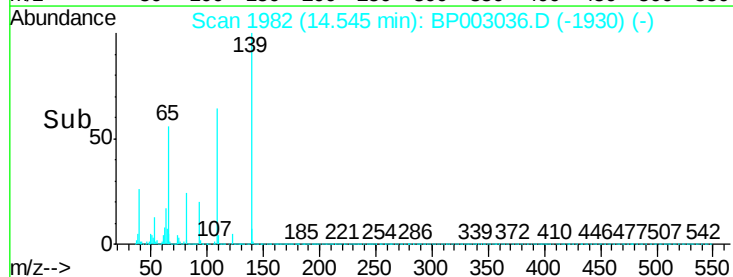
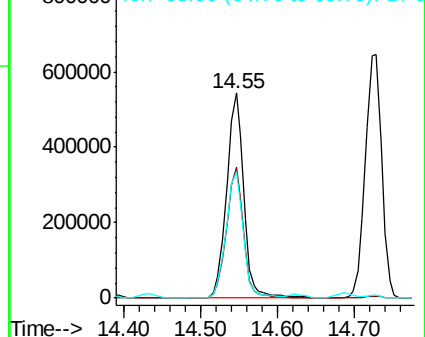
Ion	Ratio	Lower	Upper
139	100		
109	63.9	41.1	81.1
65	61.3	44.4	84.4

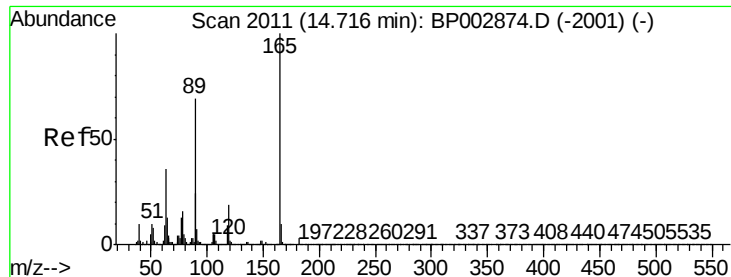


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

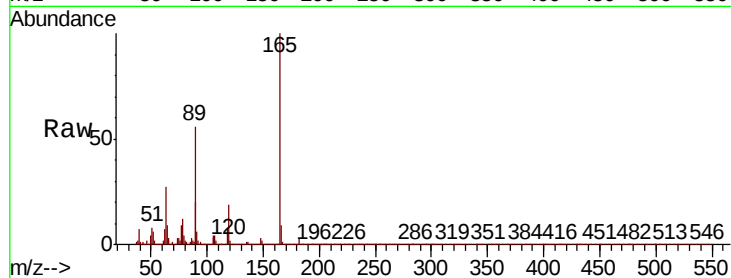




#57
2,4-Dinitrotoluene
Concen: 43.081 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB131036BS

Tot Ion:165	Resp: 656569
Ion Ratio	Lower Upper
165 100	
63 27.0	20.6 31.0
89 56.0	43.4 65.0
182 3.0	2.3 3.5

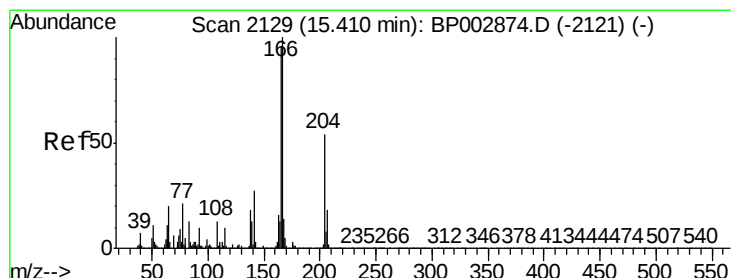
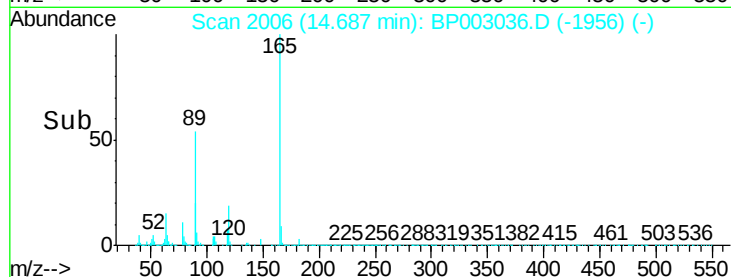
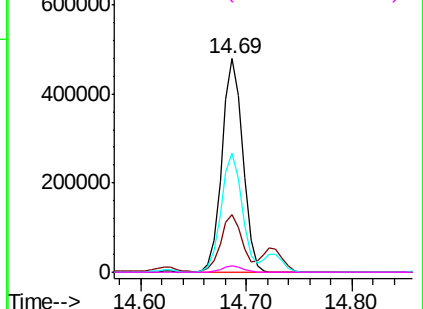


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

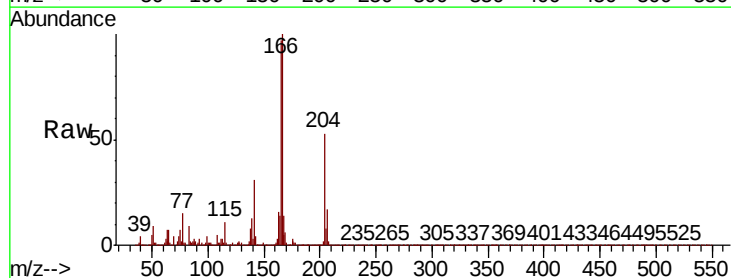
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.423 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

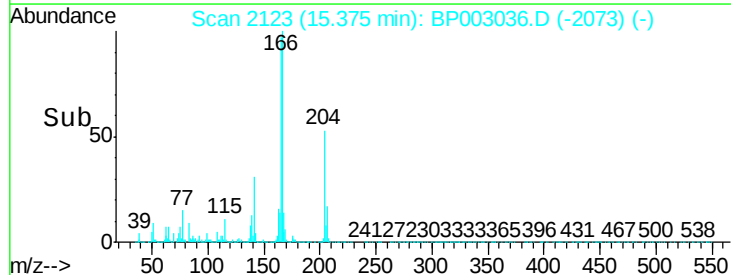
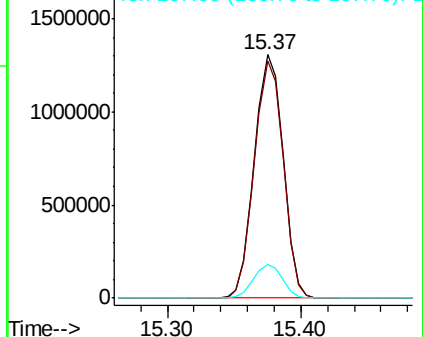
Tgt	Ion:166	Resp:	1942650
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.1	117.1
167	13.8	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.755 ng

RT: 14.96 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

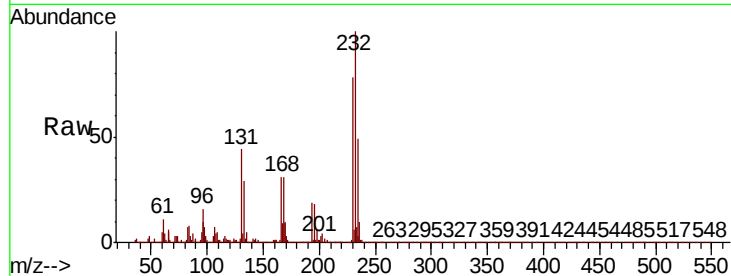
Instrument :

BNA_P

ClientSampleId :

PB131036BS

Tot Ion:	232	Resp:	552827
Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.4	53.2
130	2.2	1.8	2.6
166	31.6	25.3	37.9

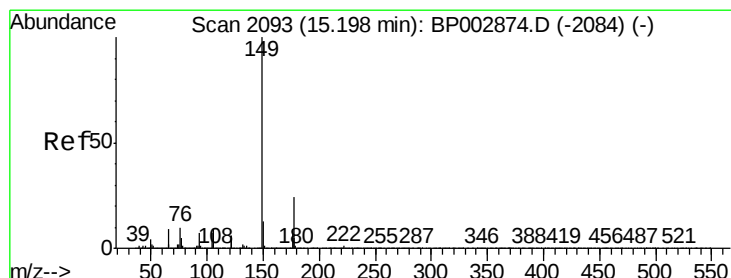
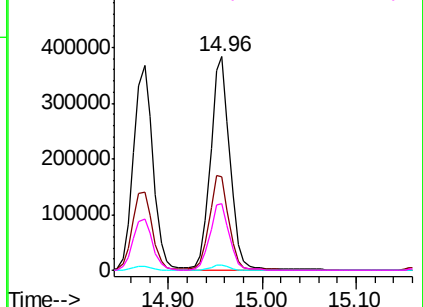
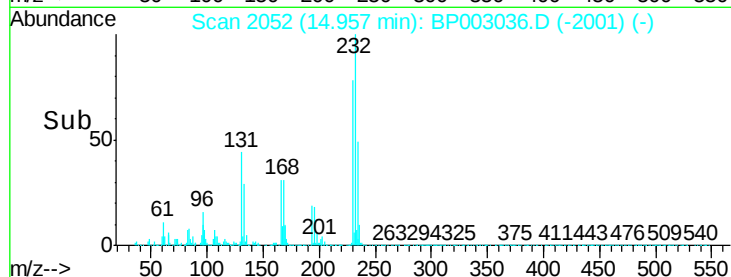


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.082 ng

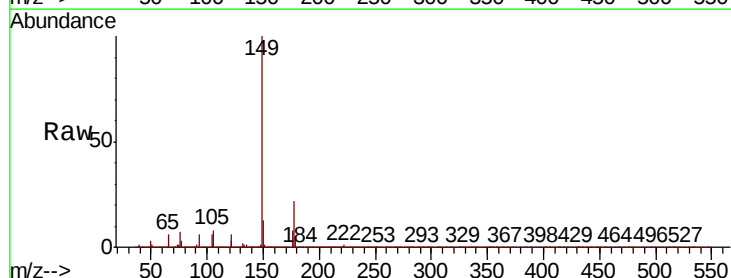
RT: 15.16 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

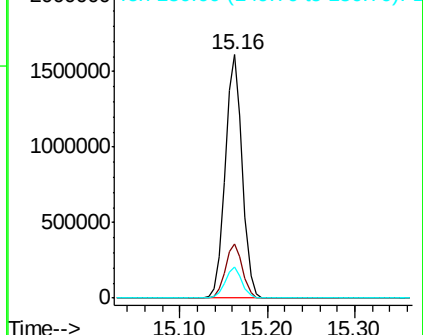
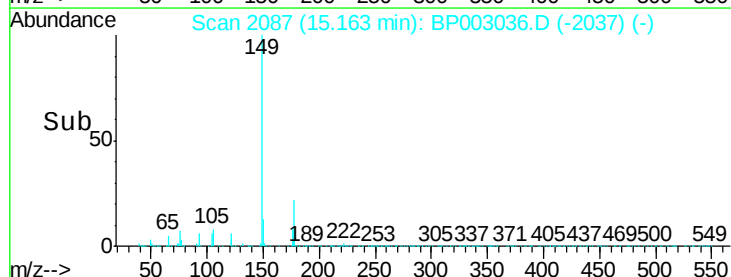
Tgt Ion:	149	Resp:	2130464
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.6	27.8
150	12.6	10.2	15.4

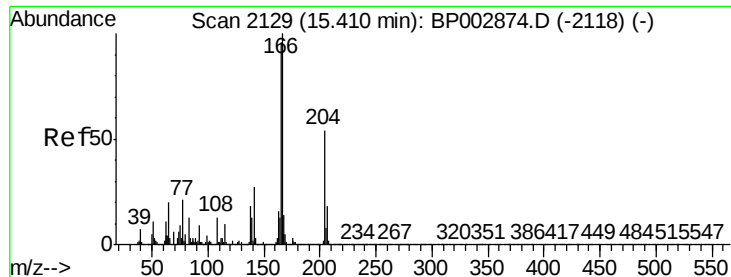


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

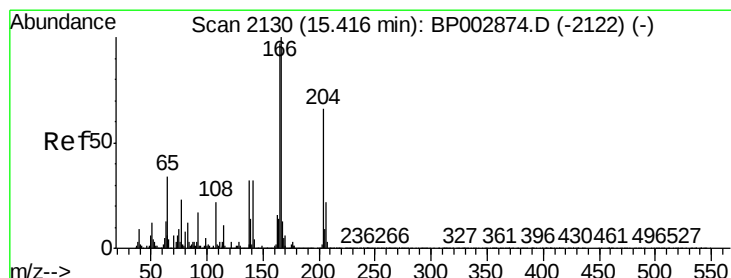
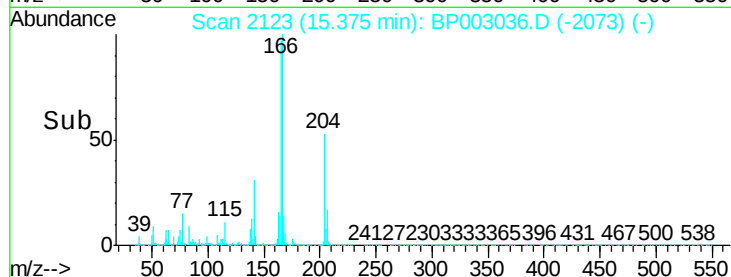
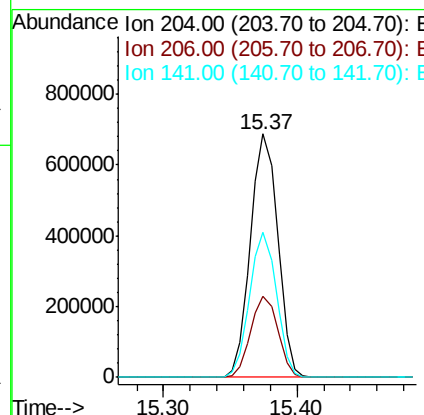
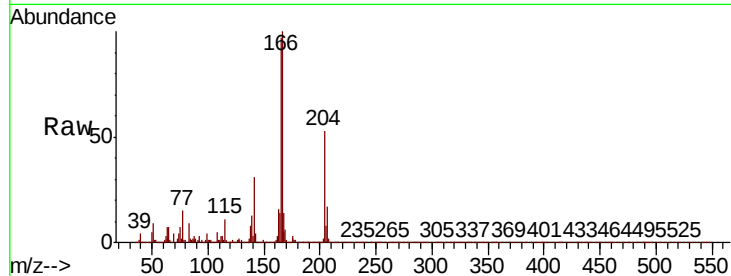




#61
4-Chlorophenyl-phenylether
Concen: 36.245 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

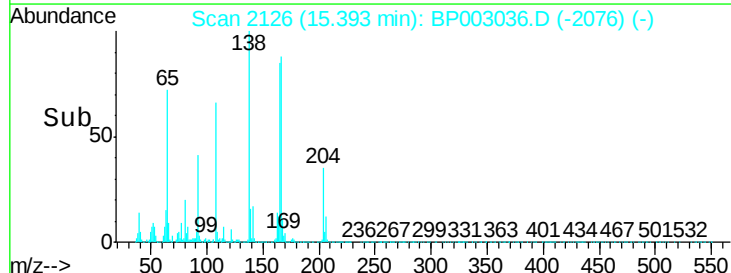
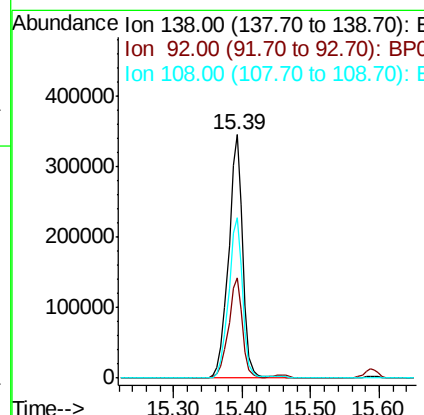
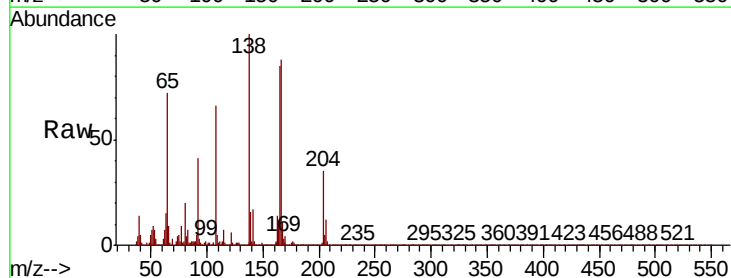
Instrument :
BNA_P
ClientSampleId :
PB131036BS

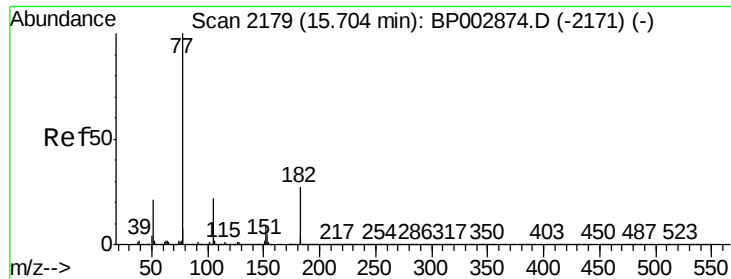
Tot Ion:204 Resp: 968326
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 59.7 45.9 68.9



#62
4-Nitroaniline
Concen: 41.920 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:138 Resp: 500106
Ion Ratio Lower Upper
138 100
92 41.2 21.4 61.4
108 66.1 40.8 80.8



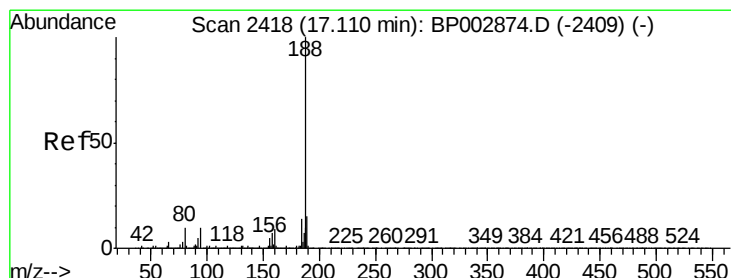
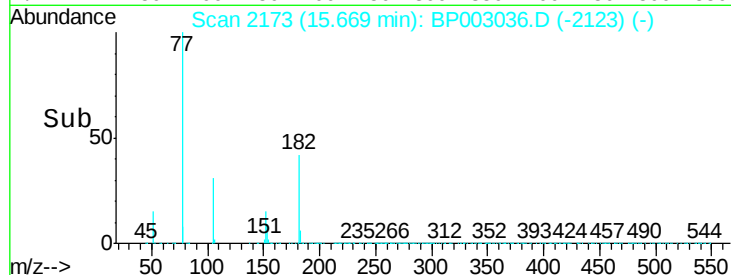
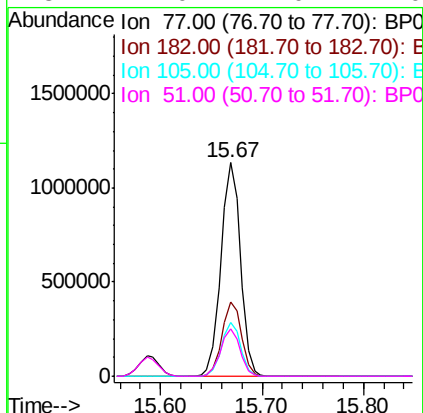
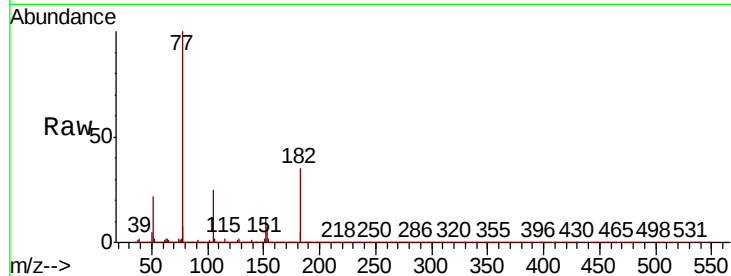


#63
Azobenzene
Concen: 29.685 ng
RT: 15.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB131036BS

Tot Ion: 77 Resp: 1512962

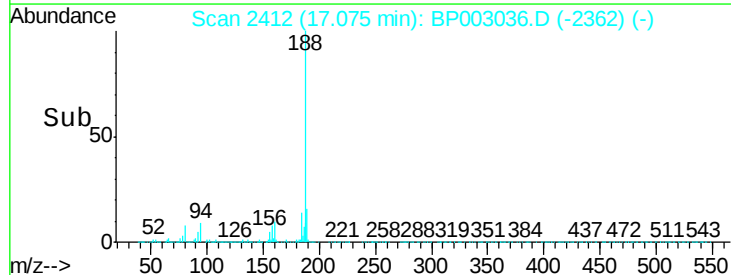
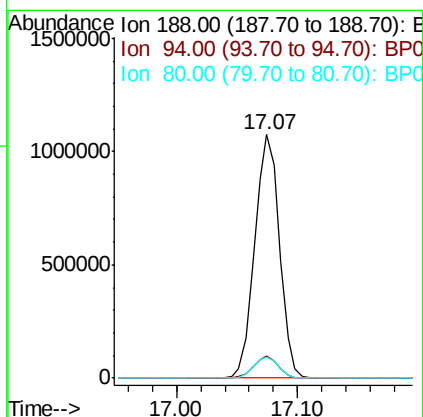
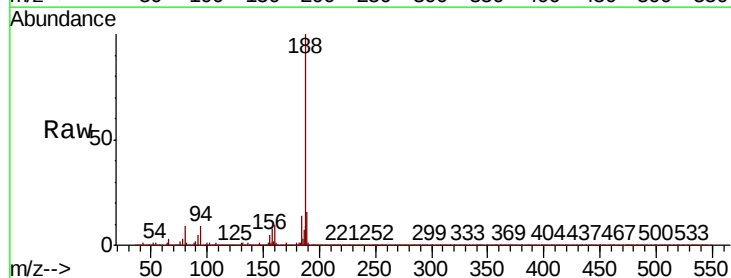
Ion	Ratio	Lower	Upper
77	100		
182	34.9	15.4	55.4
105	25.3	5.8	45.8
51	22.0	1.0	41.0

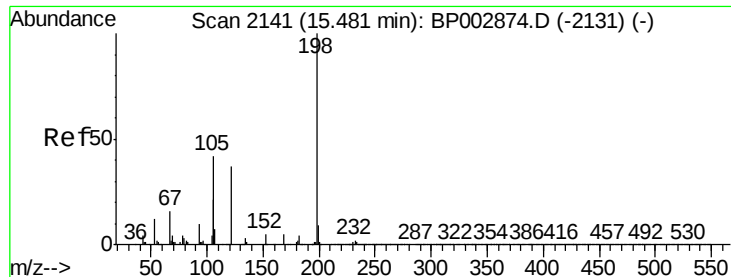


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion: 188 Resp: 1534475

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	8.5	6.7	10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.720 ng

RT: 15.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

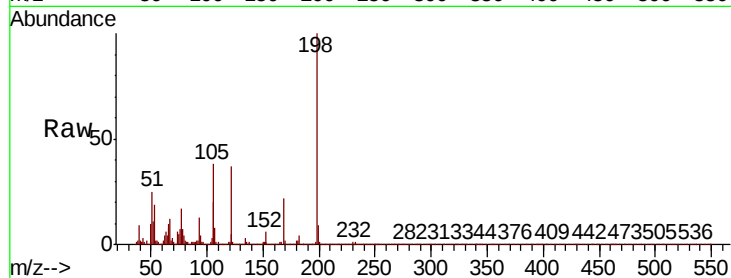
Tot Ion:198 Resp: 343800

Ion Ratio Lower Upper

198 100

51 24.7 6.2 46.2

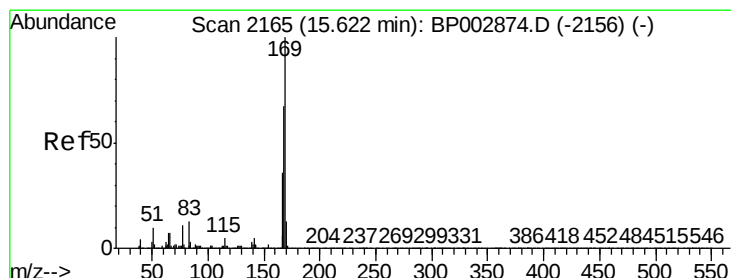
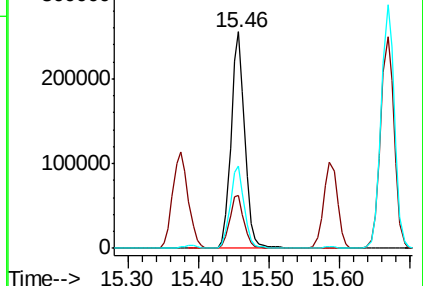
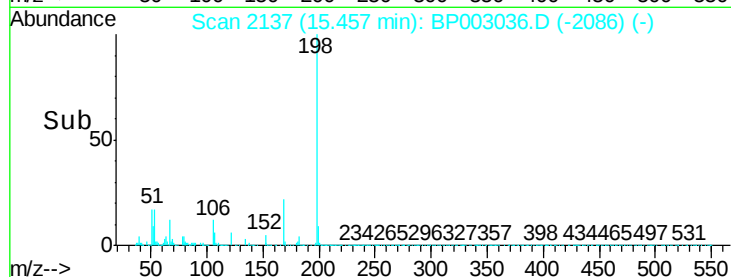
105 38.1 19.9 59.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.430 ng

RT: 15.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

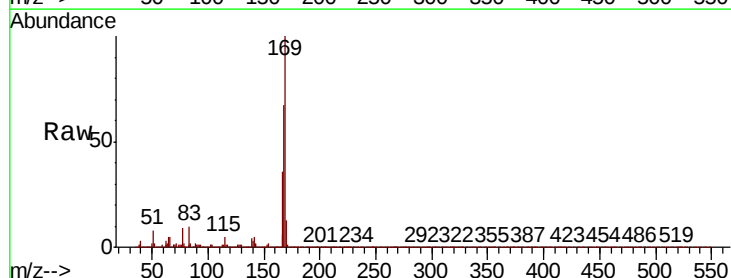
Tgt Ion:169 Resp: 1800541

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.2

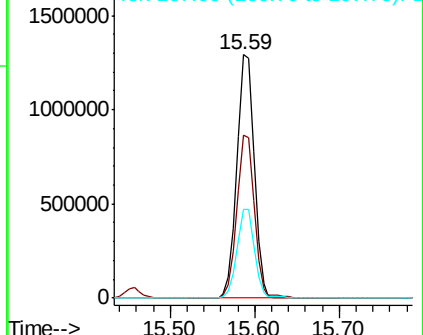
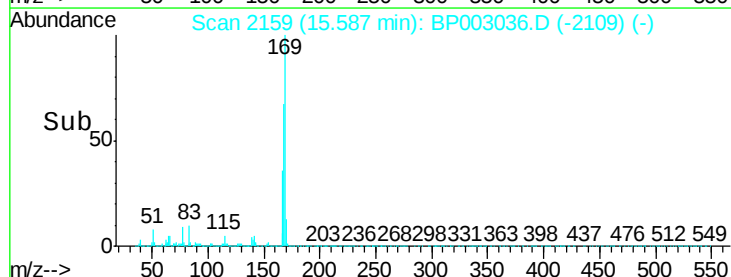
167 36.3 28.8 43.2

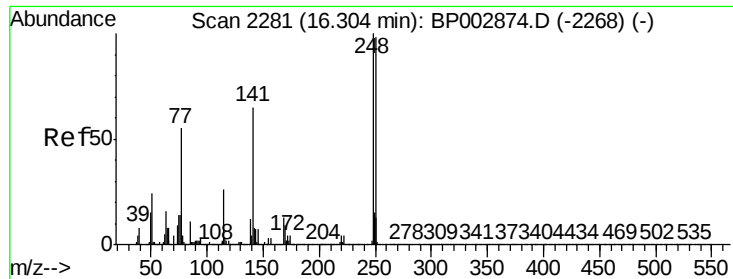


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

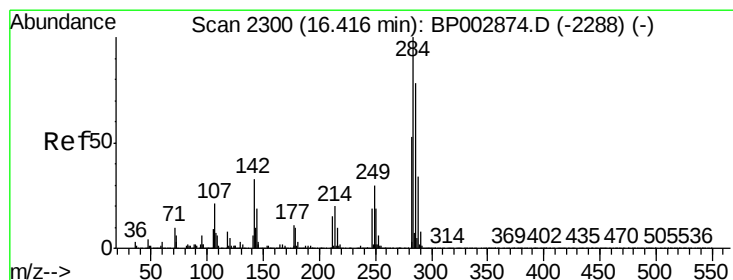
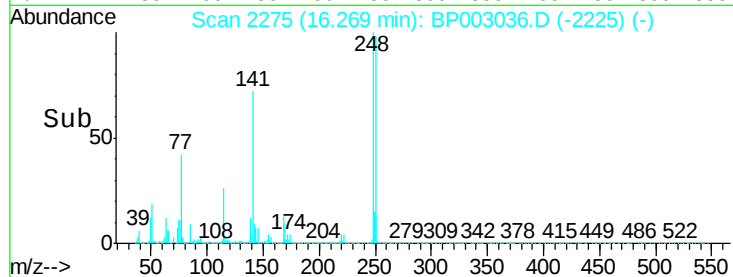
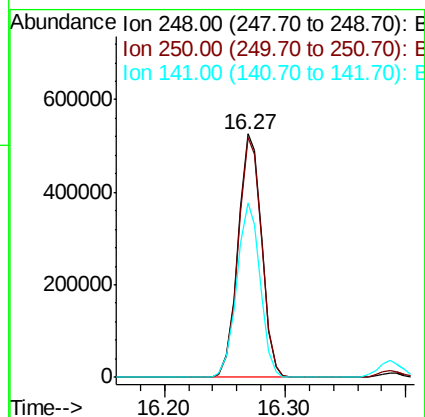
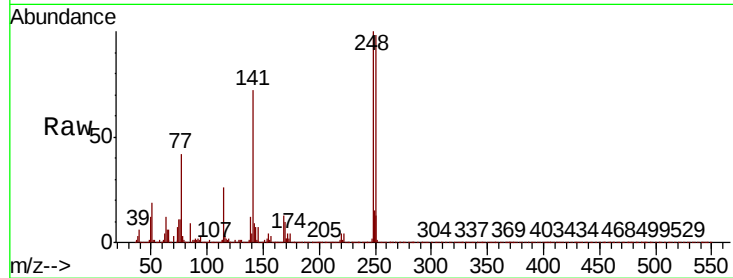




#67
4-Bromophenyl-phenylether
Concen: 38.315 ng
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

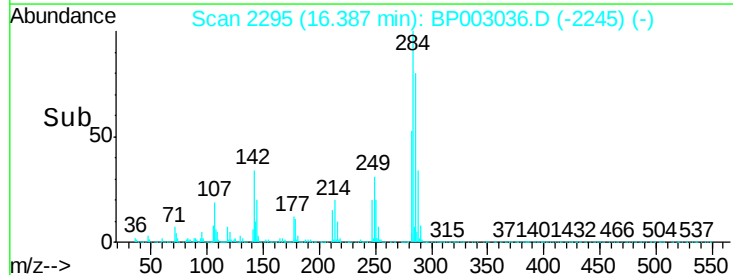
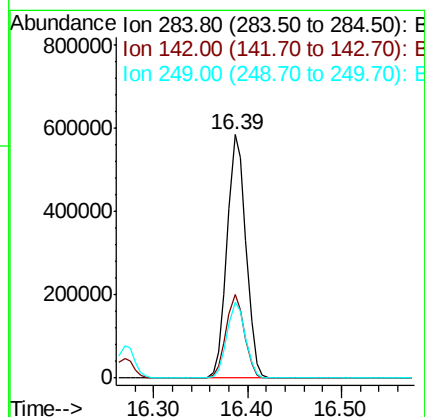
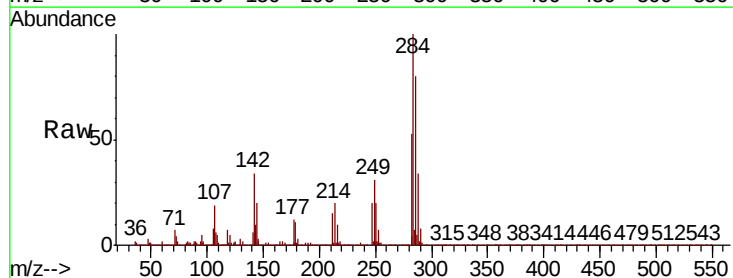
Instrument :
BNA_P
ClientSampleId :
PB131036BS

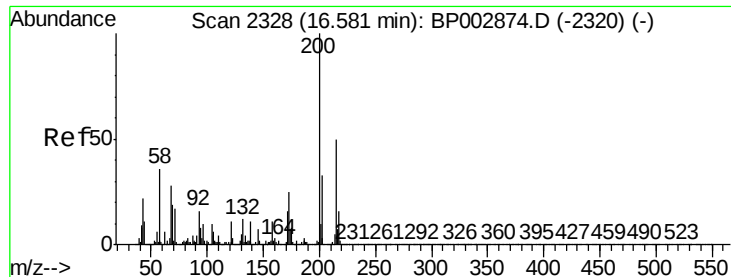
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.7	118.1
141	71.9	57.8	86.6



#68
Hexachlorobenzene
Concen: 37.726 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.6	41.4
249	31.3	24.6	37.0





#69

Atrazine

Concen: 35.372 ng

RT: 16.55 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

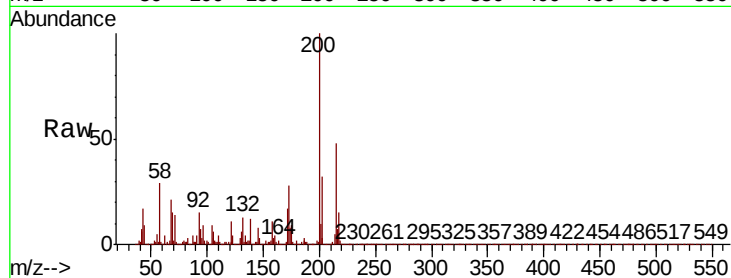
Tot Ion:200 Resp: 609015

Ion Ratio Lower Upper

200 100

173 27.9 7.5 47.5

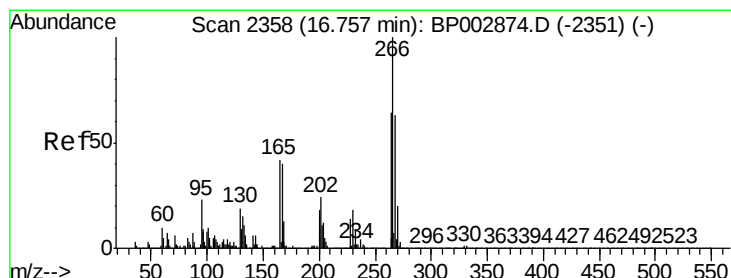
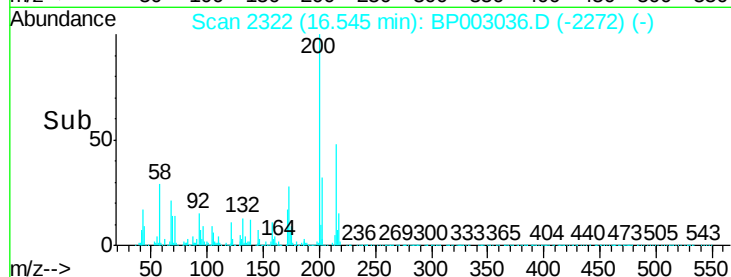
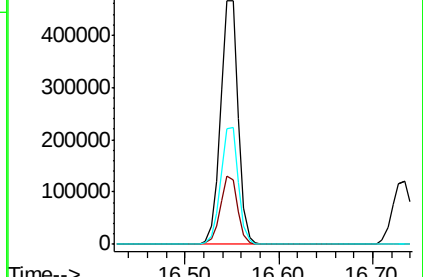
215 47.6 27.6 67.6



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: 85.369 ng

RT: 16.73 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

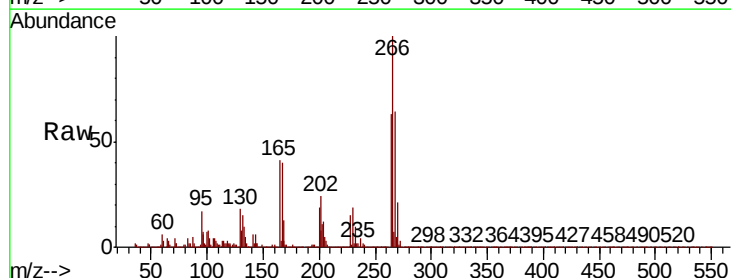
Tgt Ion:266 Resp: 955888

Ion Ratio Lower Upper

266 100

268 64.2 50.9 76.3

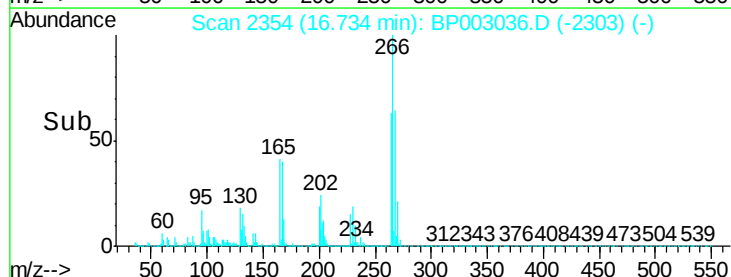
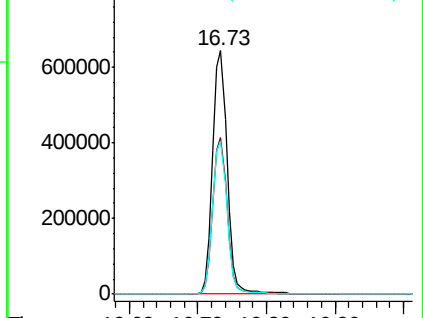
264 62.7 50.4 75.6

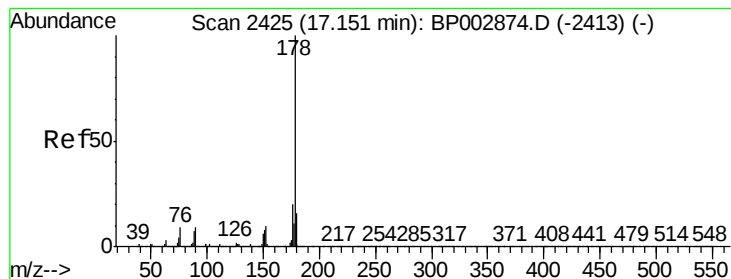


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.553 ng

RT: 17.12 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

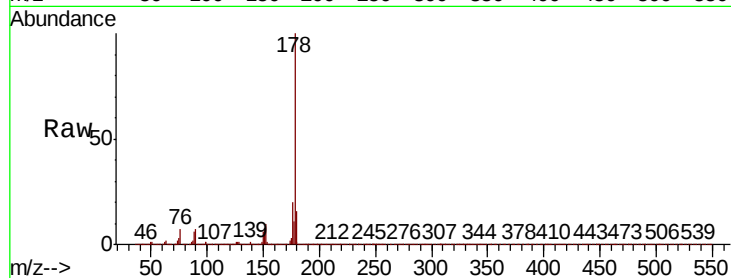
BNA_P

ClientSampleId :

PB131036BS

Tot Ion:178 Resp: 3559027

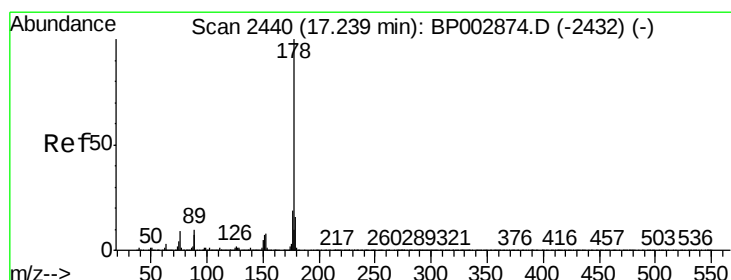
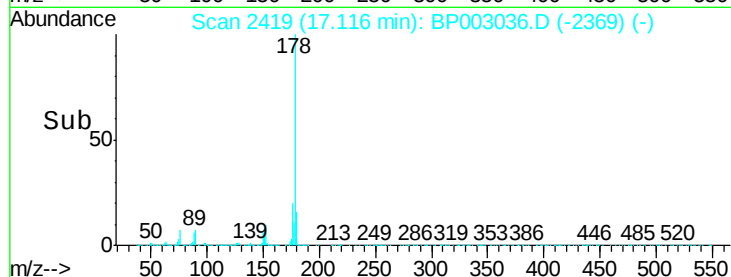
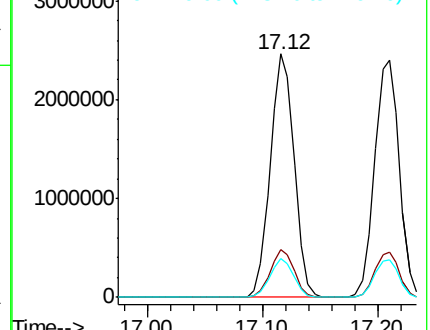
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.0	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.575 ng

RT: 17.21 min Scan# 2435

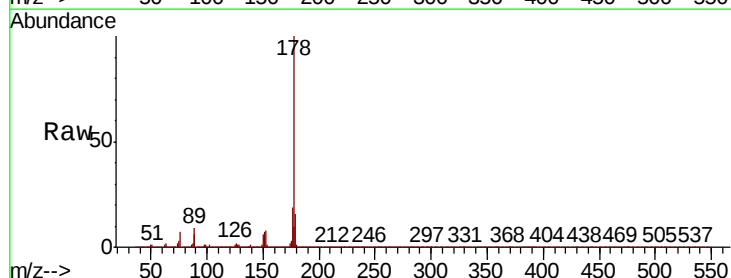
Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Tgt Ion:178 Resp: 3568333

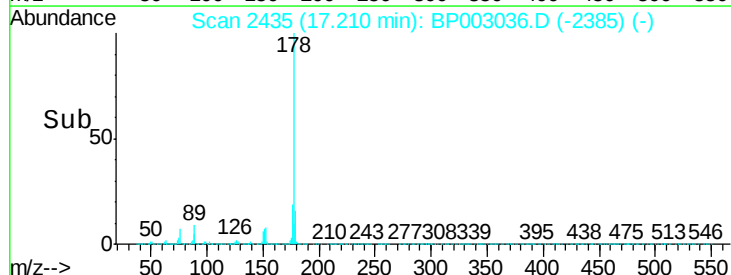
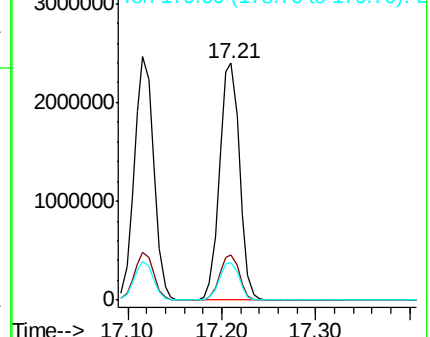
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.7	19.1

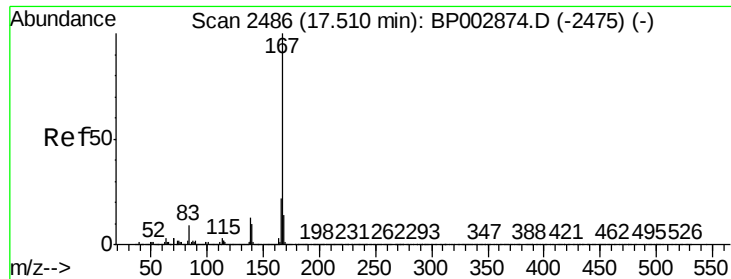


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

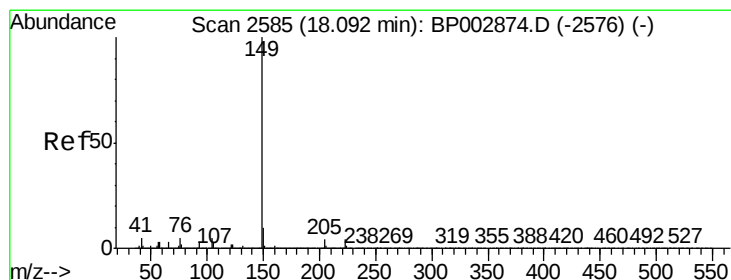
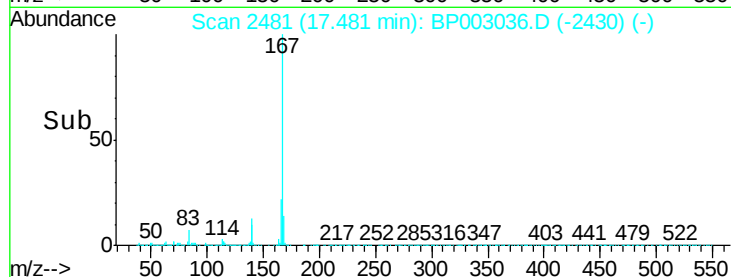
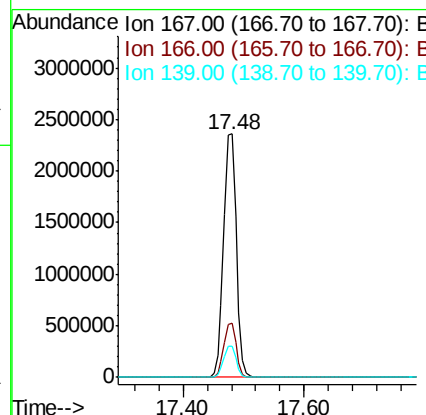
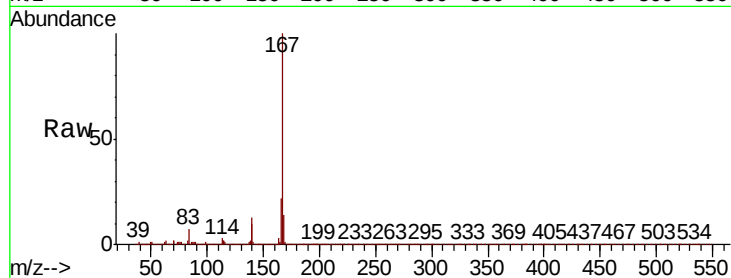




#73
 Carbazole
 Concen: 39.900 ng
 RT: 17.48 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

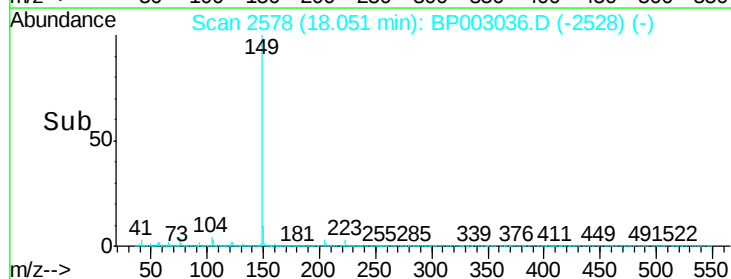
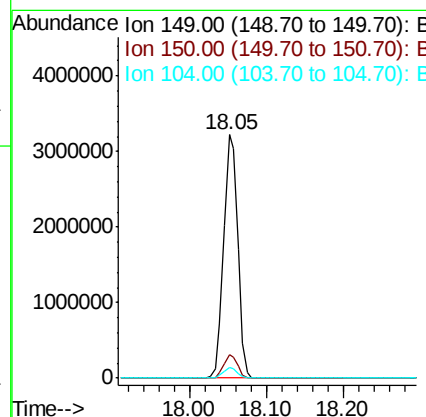
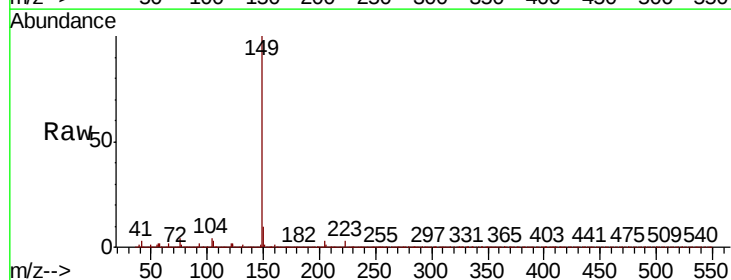
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BS

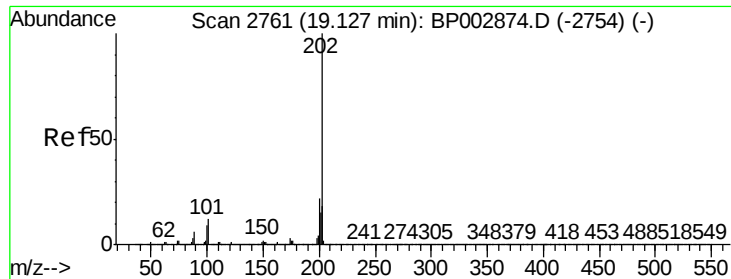
Tot Ion:167 Resp: 3426821
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.614 ng
 RT: 18.05 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

Tgt Ion:149 Resp: 4030723
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 39.149 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

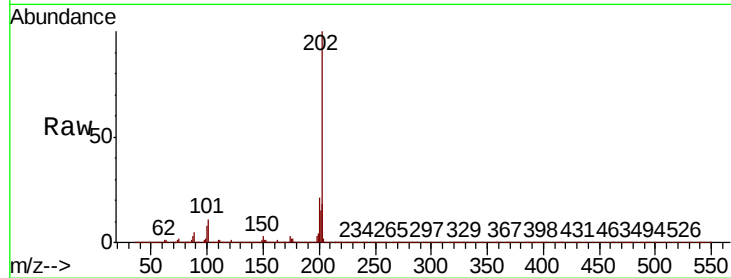
Tot Ion:202 Resp: 4058613

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.2

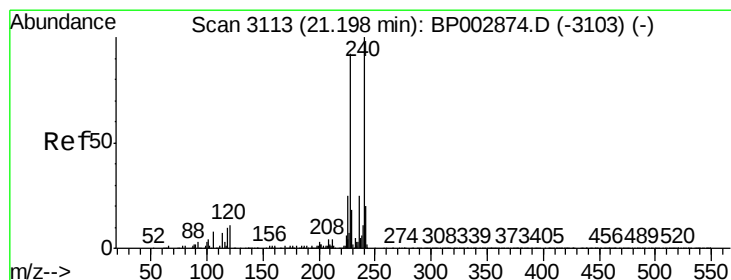
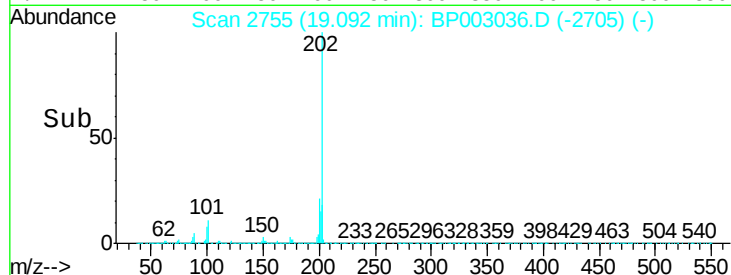
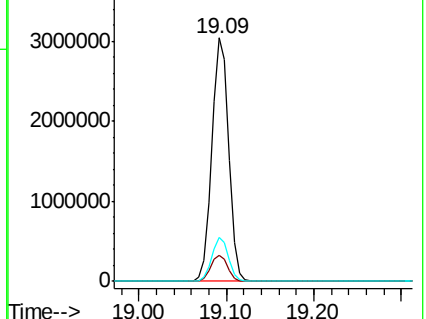
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

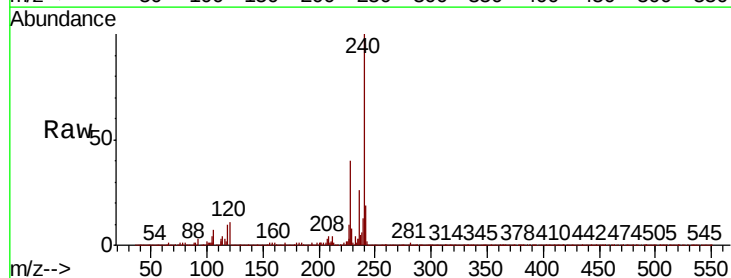
Tgt Ion:240 Resp: 1461372

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

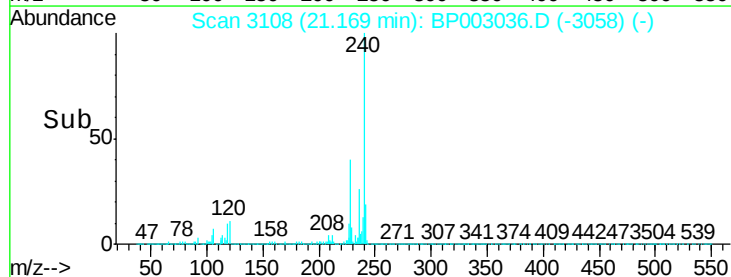
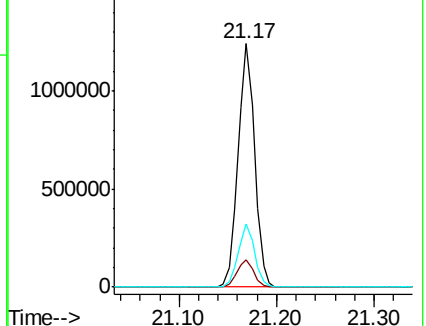
236 25.7 20.8 31.2

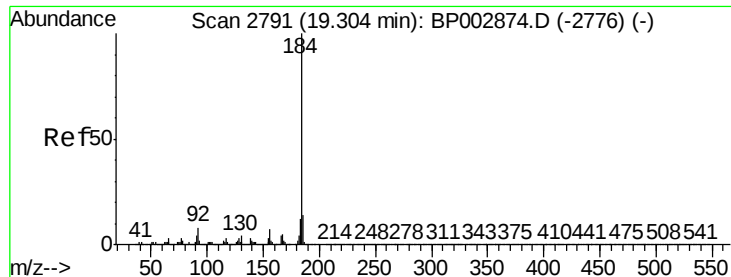


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.933 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

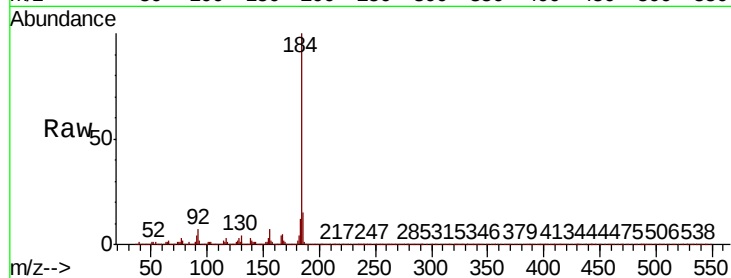
Tot Ion:184 Resp: 1868616

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	11.7	9.4	14.0

184 100

185 14.6 11.5 17.3

183 11.7 9.4 14.0

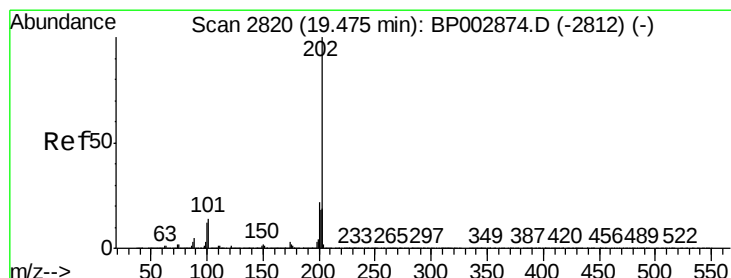
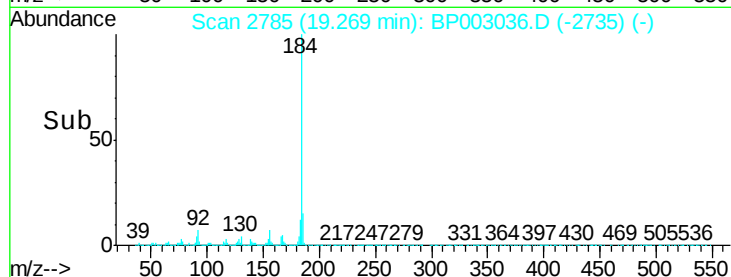
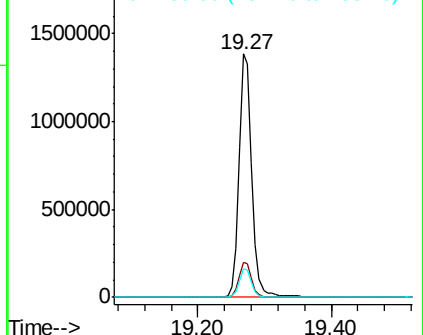


Abundance

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: 41.435 ng

RT: 19.45 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

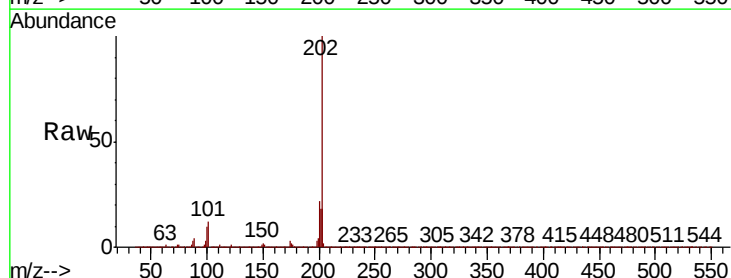
Tgt Ion:202 Resp: 4233060

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	18.1	14.6	22.0

202 100

200 21.8 17.8 26.6

203 18.1 14.6 22.0

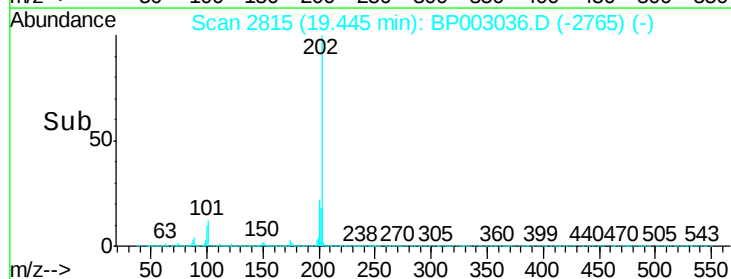
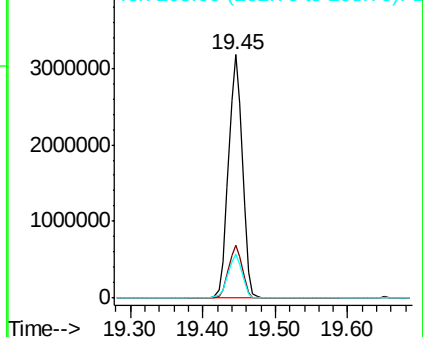


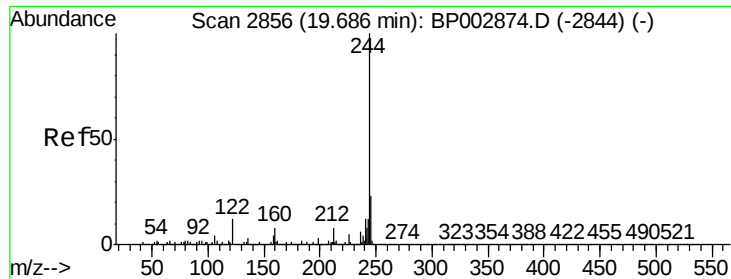
Abundance

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: 74.975 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

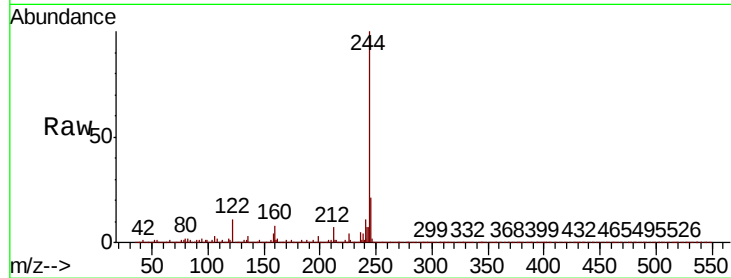
Tot Ion:244 Resp: 5472951

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

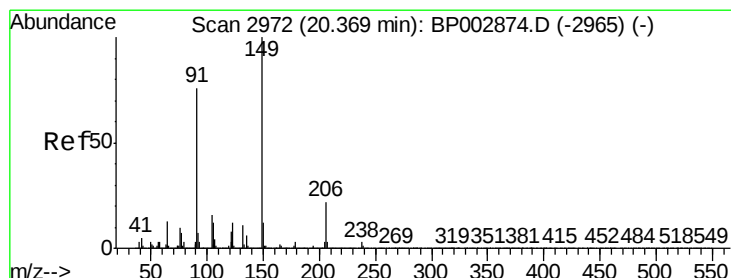
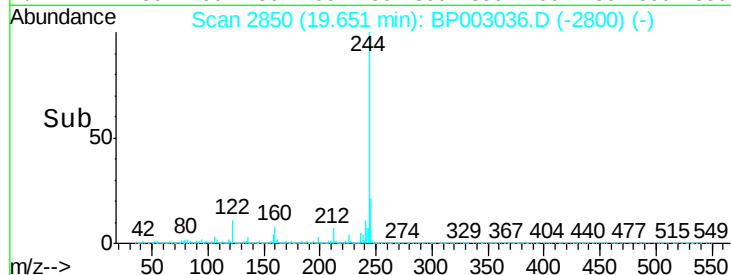
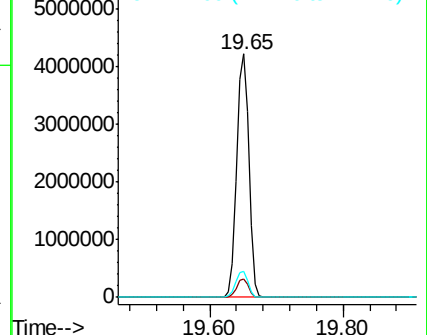
122 10.9 8.7 13.1



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: 44.662 ng

RT: 20.33 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

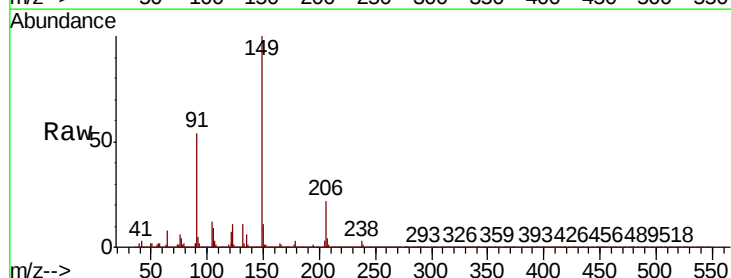
Tgt Ion:149 Resp: 1844029

Ion Ratio Lower Upper

149 100

91 54.4 45.3 67.9

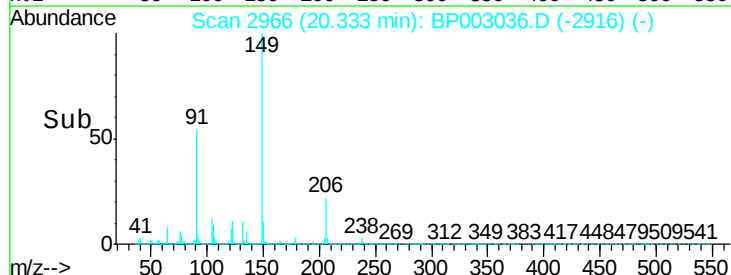
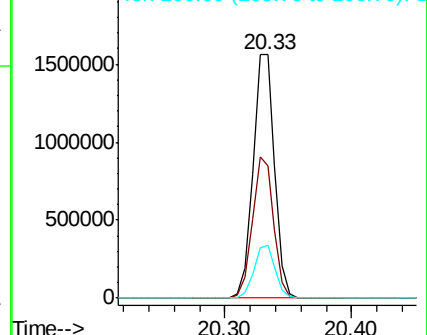
206 21.8 17.5 26.3

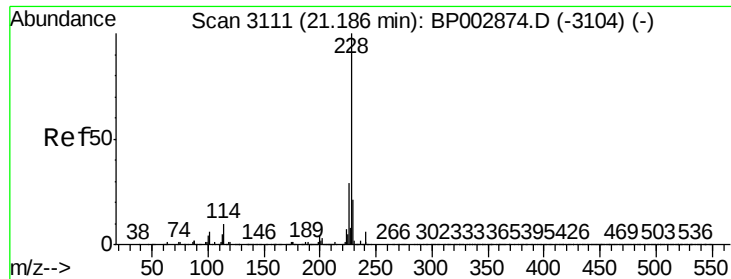


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

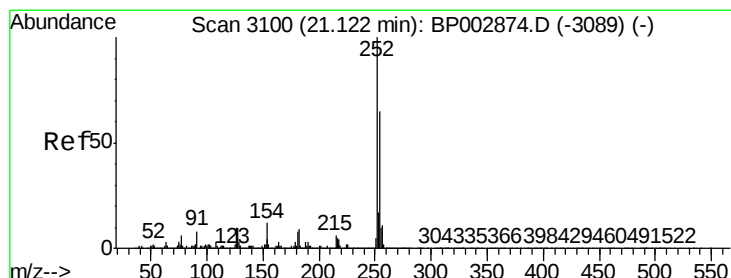
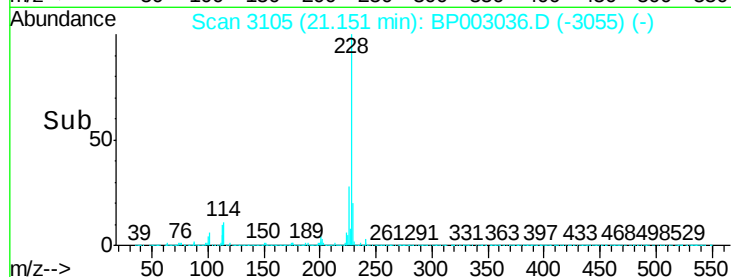
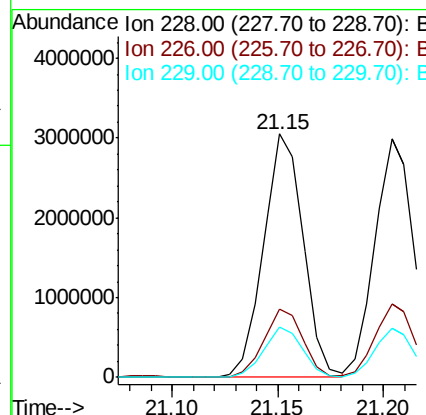
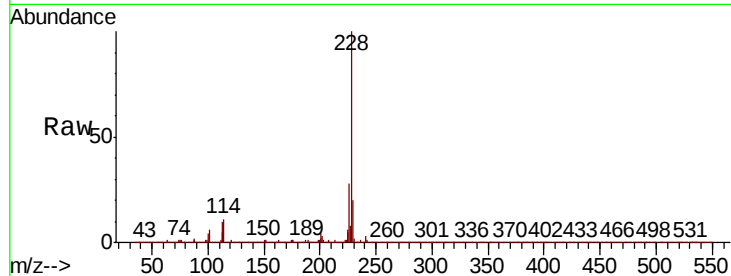




#81
Benzo(a)anthracene
Concen: 40.040 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

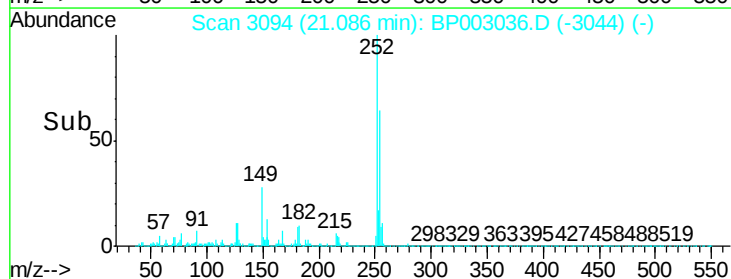
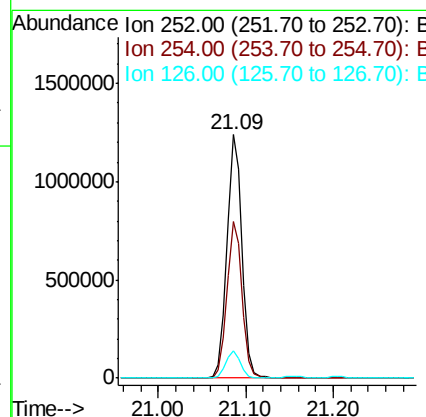
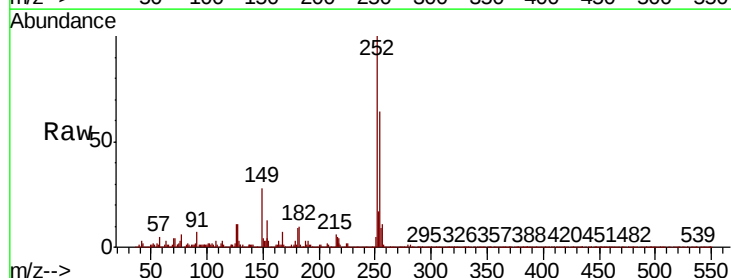
Instrument :
BNA_P
ClientSampleId :
PB131036BS

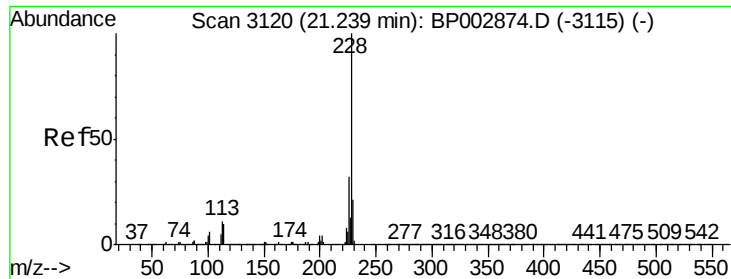
Tot Ion:228 Resp: 3985636
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.4 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 37.398 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP003036.D
Acq: 19 Aug 2020 15:02

Tgt Ion:252 Resp: 1473451
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 11.5 9.4 14.0

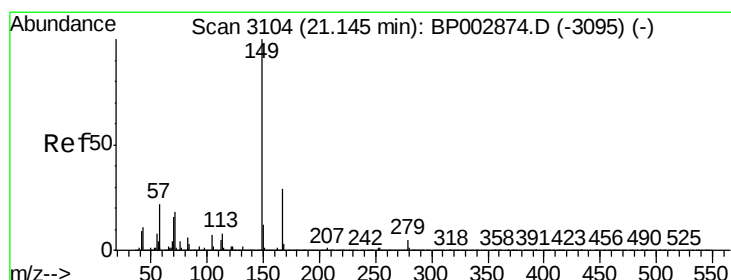
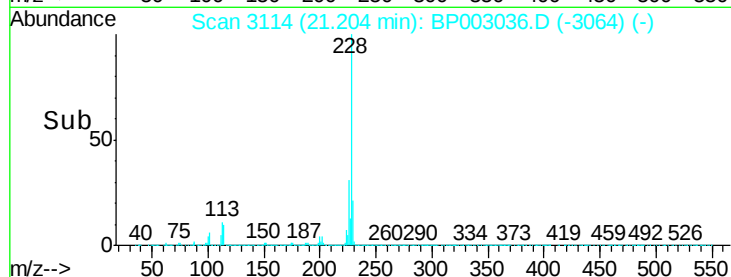
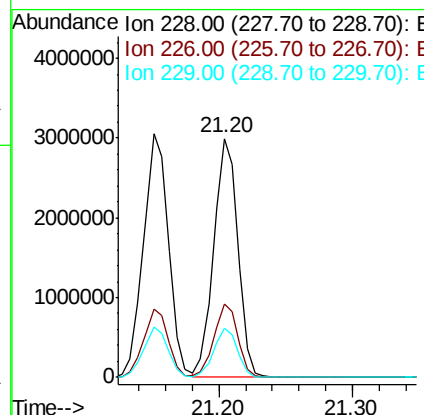
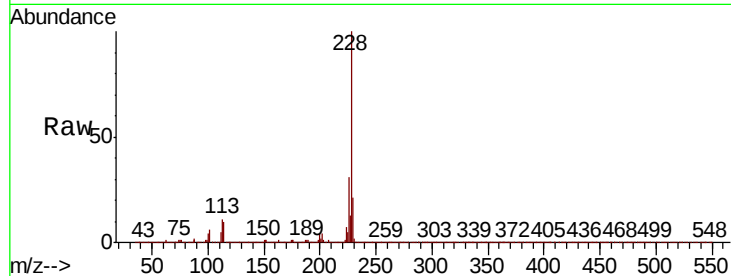




#83
 Chrysene
 Concen: 40.410 ng
 RT: 21.20 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

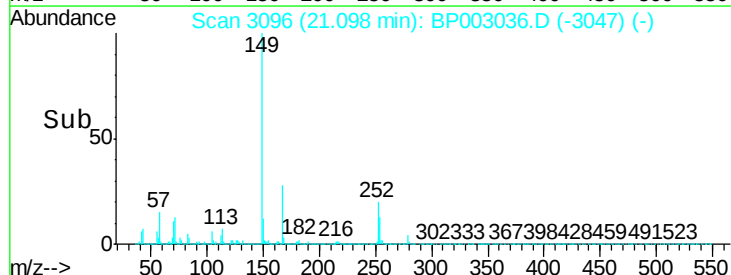
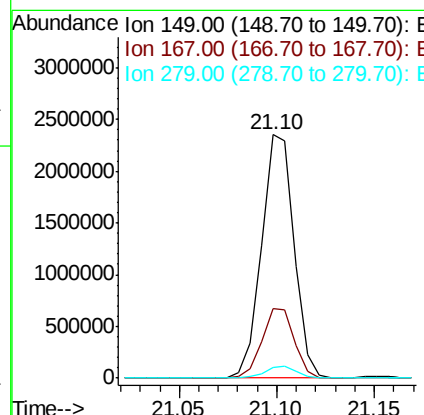
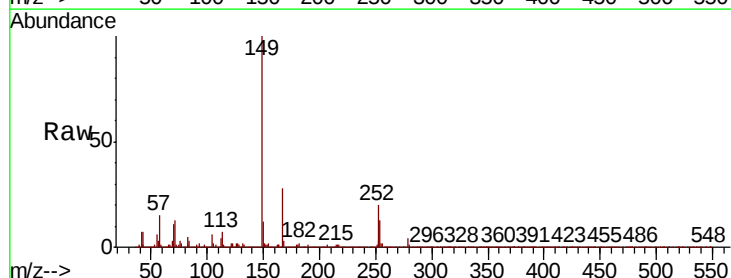
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BS

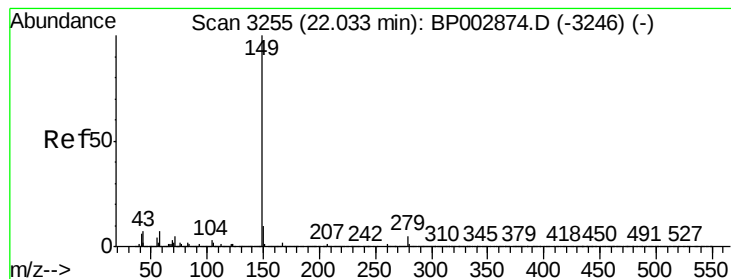
Tot Ion:228 Resp: 3794431
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.6 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.847 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

Tgt Ion:149 Resp: 2705253
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.9 34.3
 279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 51.388 ng

RT: 21.97 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

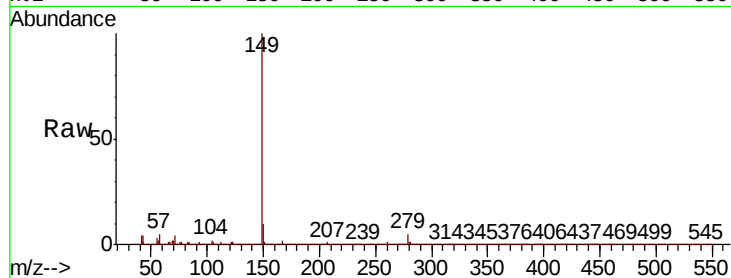
Tot Ion:149 Resp: 4772982

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

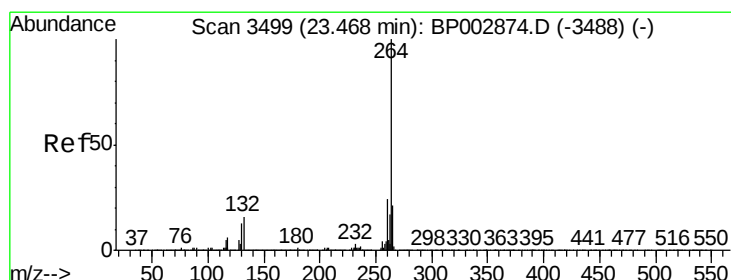
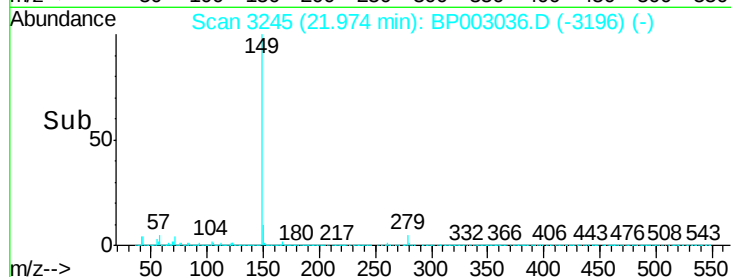
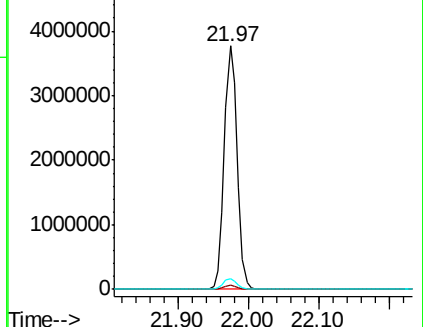
43 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

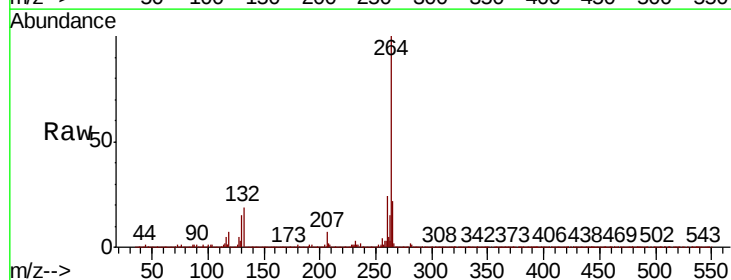
Tgt Ion:264 Resp: 1582303

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

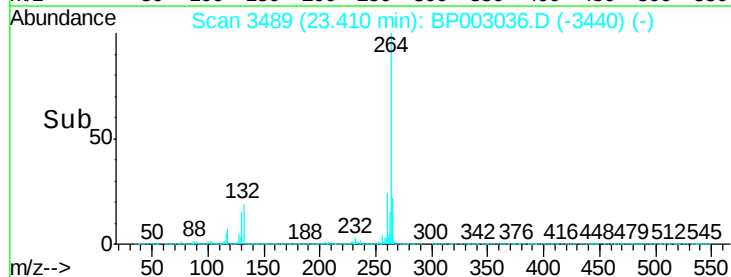
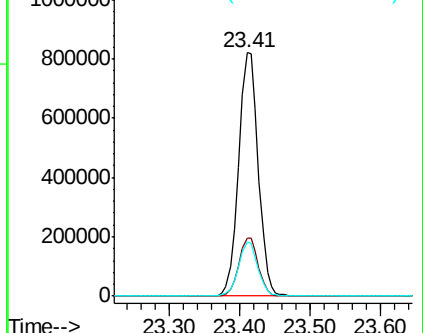
265 22.1 17.3 25.9

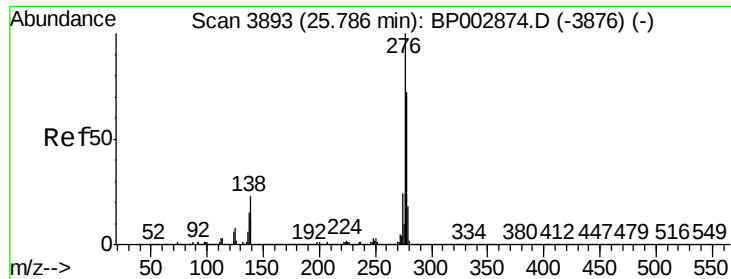


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

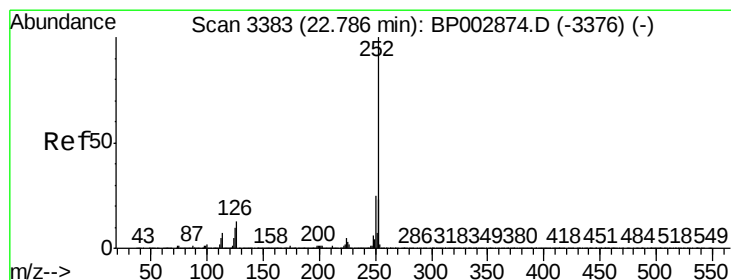
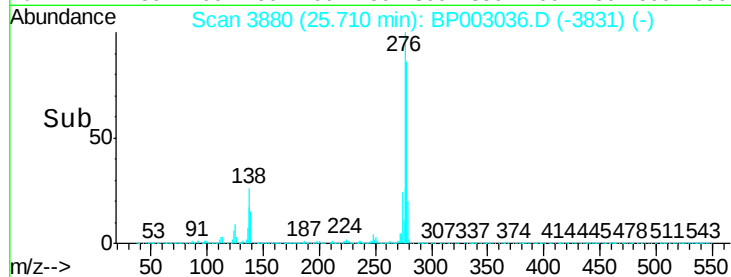
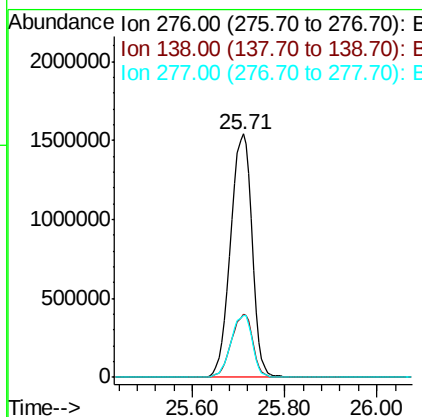
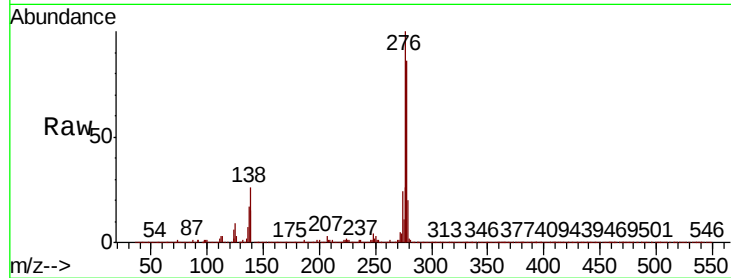




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.587 ng
 RT: 25.71 min Scan# 3880
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

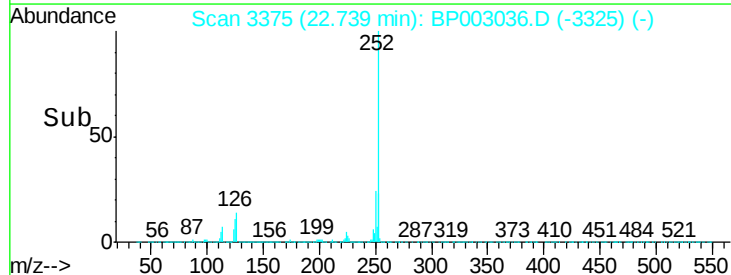
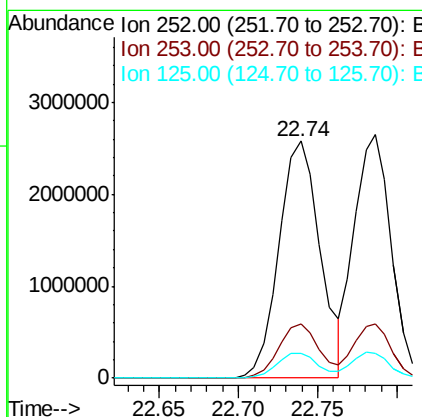
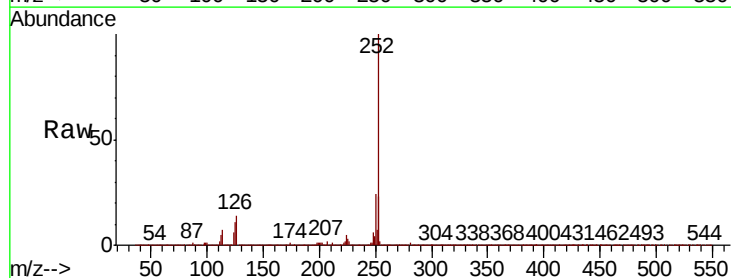
Instrument :
 BNA_P
 ClientSampleId :
 PB131036BS

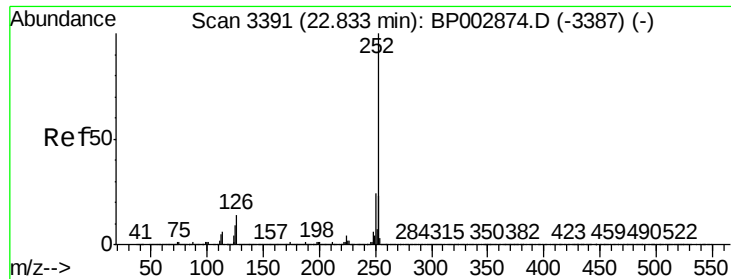
Tot Ion:276 Resp: 5016472
 Ion Ratio Lower Upper
 276 100
 138 25.9 22.2 33.2
 277 25.6 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.845 ng
 RT: 22.74 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BP003036.D
 Acq: 19 Aug 2020 15:02

Tgt Ion:252 Resp: 4672380
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.2 27.2
 125 10.6 9.4 14.2





#89

Benzo(k)fluoranthene

Concen: 40.724 ng

RT: 22.79 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB131036BS

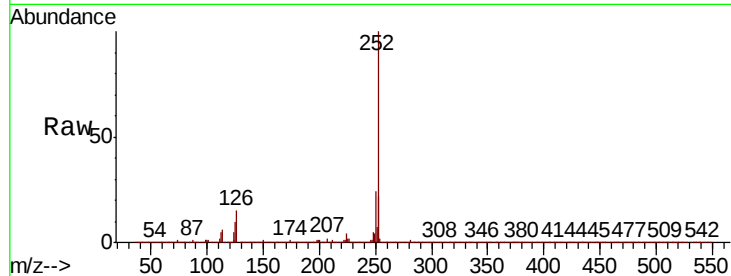
Tot Ion:252 Resp: 4297890

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

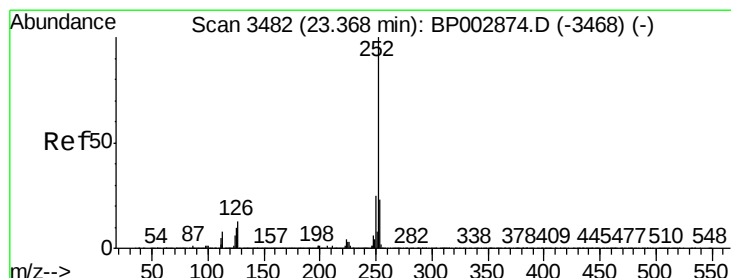
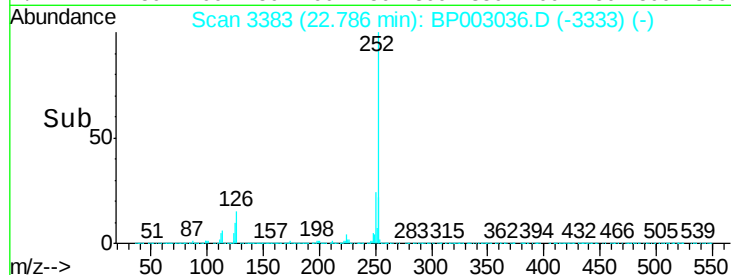
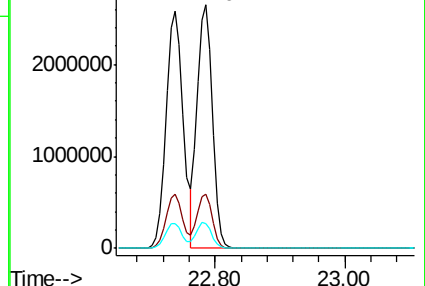
125 10.3 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.144 ng

RT: 23.32 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

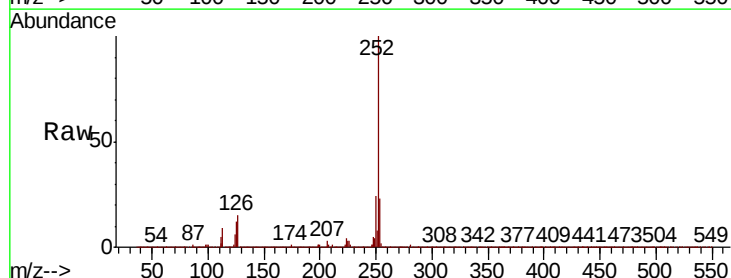
Tgt Ion:252 Resp: 4252108

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

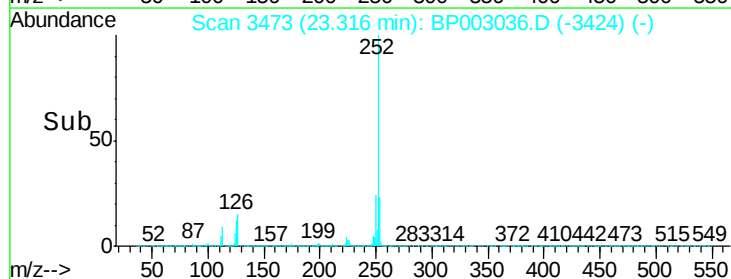
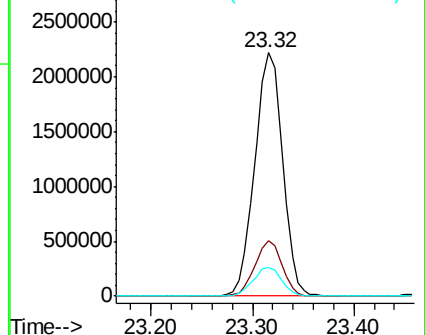
125 11.5 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.578 ng

RT: 25.72 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Instrument :

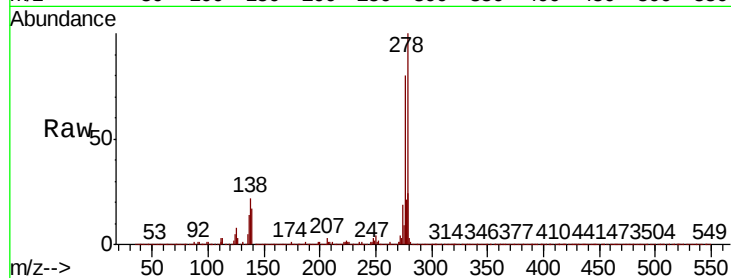
BNA_P

ClientSampleId :

PB131036BS

Tot Ion:278 Resp: 4160772

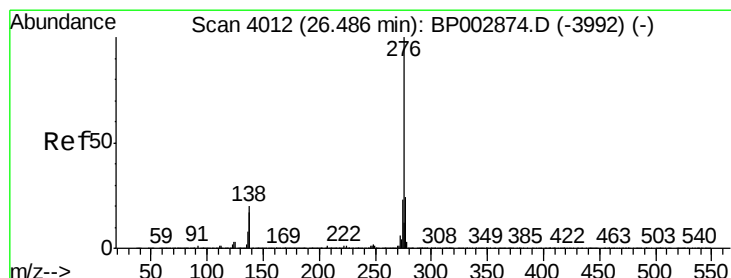
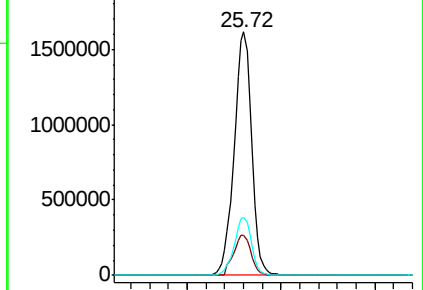
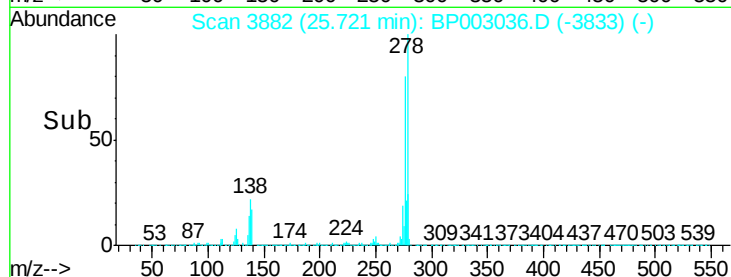
Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.4
279	23.8	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.417 ng

RT: 26.40 min Scan# 3998

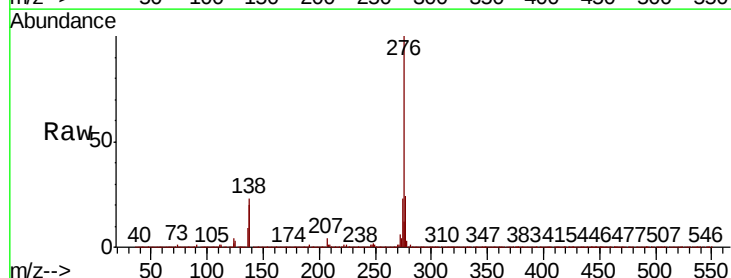
Delta R.T. -0.02 min

Lab File: BP003036.D

Acq: 19 Aug 2020 15:02

Tgt Ion:276 Resp: 4215251

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	23.0	19.3	28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

