

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003133.D
 Acq On : 27 Aug 2020 15:48
 Operator : CG/JU
 Sample : PB131230BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BS

Quant Time: Aug 27 16:28:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	208965	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	813658	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	477506	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	957963	20.00	ng	0.00
76) Chrysene-d12	21.15	240	883328	20.00	ng	0.00
86) Perylene-d12	23.39	264	943897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1223191	103.49	ng	0.00
7) Phenol-d6	6.85	99	1451882	97.99	ng	0.00
23) Nitrobenzene-d5	8.81	82	1052839	93.28	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	638015	98.79	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3023202	92.72	ng	0.00
79) Terphenyl-d14	19.63	244	3176296	79.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	163398	36.162	ng	99
3) Pyridine	3.59	79	360167	30.288	ng	100
4) n-Nitrosodimethylamine	3.50	42	121830	39.233	ng	90
6) Aniline	6.99	93	537761	33.337	ng	99
8) 2-Chlorophenol	7.23	128	529738	40.204	ng	99
9) Benzaldehyde	6.80	77	234205	33.906	ng	99
10) Phenol	6.88	94	541642	39.448	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	410524	37.775	ng	98
12) 1,3-Dichlorobenzene	7.55	146	593113	37.020	ng	100
13) 1,4-Dichlorobenzene	7.70	146	607103	37.535	ng	98
14) 1,2-Dichlorobenzene	8.01	146	567092	36.983	ng	99
15) Benzyl Alcohol	7.90	79	333628	39.966	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	327312	35.541	ng	99
17) 2-Methylphenol	8.11	107	393434	40.223	ng	98
18) Hexachloroethane	8.73	117	196252	37.089	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	253625	37.889	ng	99
20) 3+4-Methylphenols	8.43	107	516623	39.200	ng	99
22) Acetophenone	8.48	105	658721	36.353	ng	99
24) Nitrobenzene	8.85	77	417524	37.663	ng	100
25) Isophorone	9.38	82	768488	38.590	ng	100
26) 2-Nitrophenol	9.56	139	274814	41.592	ng	98
27) 2,4-Dimethylphenol	9.63	122	448145	45.118	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	520567	35.097	ng	98
29) 2,4-Dichlorophenol	10.09	162	486581	39.485	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	534288	36.414	ng	99
31) Naphthalene	10.49	128	1555316	37.206	ng	100
32) Benzoic acid	9.77	122	234463	33.791	ng	96
33) 4-Chloroaniline	10.60	127	303721	17.389	ng	98
34) Hexachlorobutadiene	10.79	225	319438	36.275	ng	98
35) Caprolactam	11.36	113	134319	36.271	ng	96
36) 4-Chloro-3-methylphenol	11.74	107	434776	37.787	ng	99
37) 2-Methylnaphthalene	12.11	142	1118585	37.406	ng	99
38) 1-Methylnaphthalene	12.33	142	1052362	37.025	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	550378	38.888	ng	99

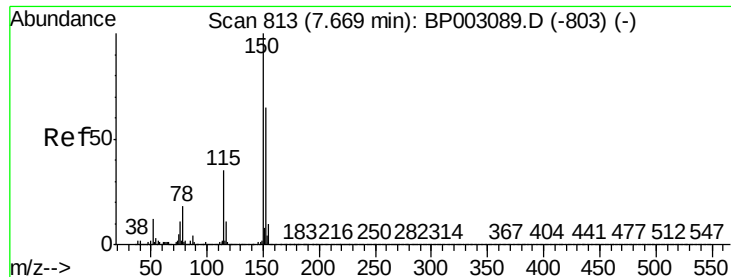
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	719305	107.515	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	362145	38.915	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	390984	39.720	ng	99
46) 1,1'-Biphenyl	13.13	154	1393029	38.893	ng	99
47) 2-Chloronaphthalene	13.17	162	1060729	36.180	ng	100
48) 2-Nitroaniline	13.38	65	197576	35.992	ng	95
49) Acenaphthylene	14.02	152	1690203	38.126	ng	100
50) Dimethylphthalate	13.76	163	1279813	35.146	ng	100
51) 2,6-Dinitrotoluene	13.87	165	280797	37.103	ng	99
52) Acenaphthene	14.37	154	987009	36.240	ng	99
53) 3-Nitroaniline	14.20	138	185606	21.646	ng	100
54) 2,4-Dinitrophenol	14.42	184	267380	66.161	ng	99
55) Dibenzofuran	14.70	168	1565378	36.597	ng	99
56) 4-Nitrophenol	14.53	139	473361	76.736	ng	97
57) 2,4-Dinitrotoluene	14.67	165	377382	37.086	ng	100
58) Fluorene	15.36	166	1188684	36.076	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	340546	38.238	ng	99
60) Diethylphthalate	15.14	149	1237957	34.652	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	609364	35.812	ng	98
62) 4-Nitroaniline	15.37	138	278163	31.559	ng	100
63) Azobenzene	15.65	77	859302	36.241	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	188143	41.067	ng	100
66) n-Nitrosodiphenylamine	15.57	169	1076127	38.418	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	396094	37.464	ng	99
68) Hexachlorobenzene	16.37	284	457669	36.359	ng	98
69) Atrazine	16.53	200	325809	34.487	ng	99
70) Pentachlorophenol	16.71	266	536153	89.073	ng	99
71) Phenanthrene	17.10	178	1869882	36.023	ng	99
72) Anthracene	17.19	178	1929373	38.837	ng	100
73) Carbazole	17.46	167	1720468	36.085	ng	100
74) Di-n-butylphthalate	18.03	149	2031714	36.250	ng	99
75) Fluoranthene	19.07	202	2110438	35.177	ng	99
77) Benzidine	19.25	184	1074334	53.215	ng	100
78) Pyrene	19.43	202	2143195	37.383	ng	100
80) Butylbenzylphthalate	20.31	149	882026	37.366	ng	98
81) Benzo(a)anthracene	21.13	228	2010287	36.332	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	584445	28.716	ng	99
83) Chrysene	21.19	228	1921055	36.262	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	1274471	37.387	ng	100
85) Di-n-octyl phthalate	21.95	149	2163374	37.015	ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	2778381	39.471	ng	99
88) Benzo(b)fluoranthene	22.71	252	2121469	36.162	ng	99
89) Benzo(k)fluoranthene	22.76	252	2090810	37.301	ng	99
90) Benzo(a)pyrene	23.29	252	1970927	36.213	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2328870	40.275	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2391307	41.208	ng	99

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

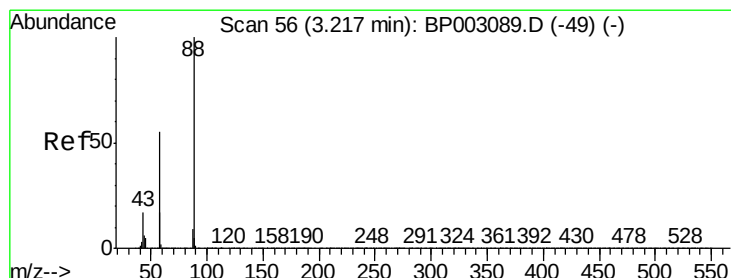
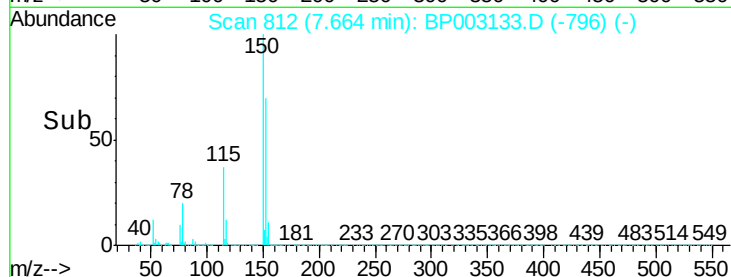
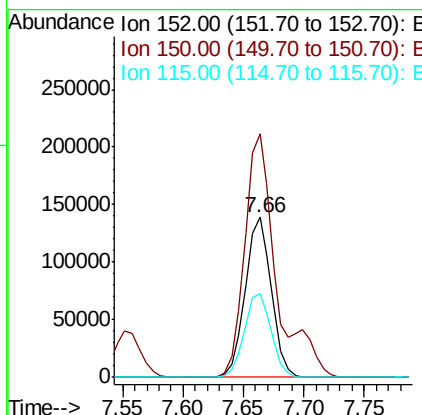
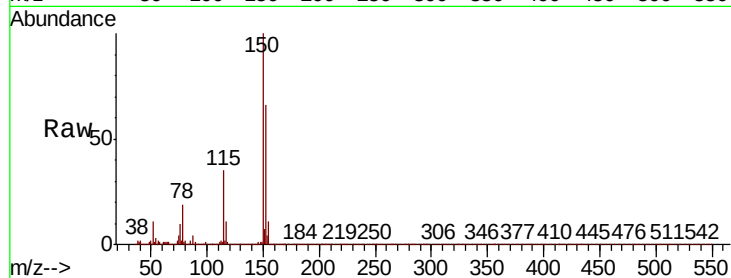


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Instrument :
BNA_P
ClientSampleId :
PB131230BS

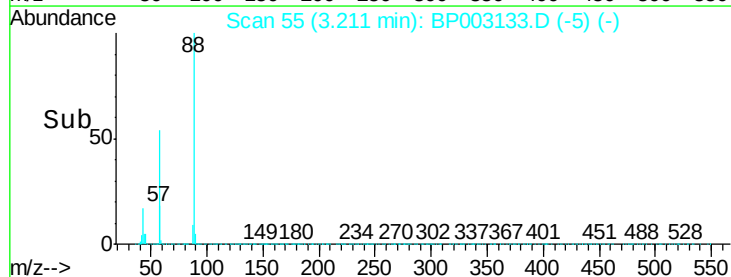
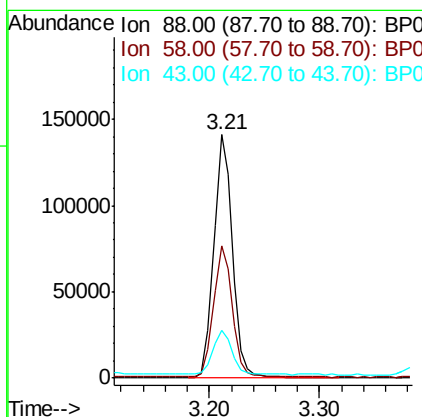
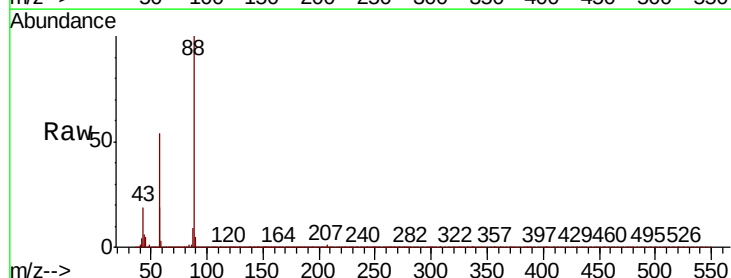
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.1	184.7
115	52.7	42.8	64.2

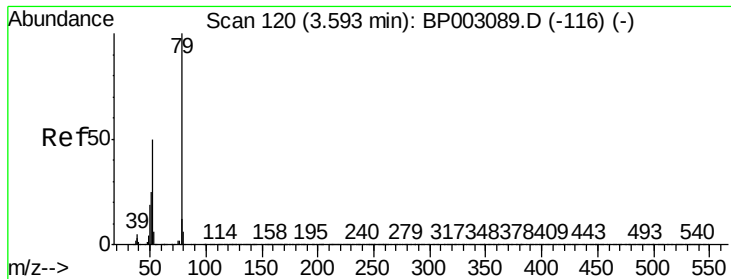


#2

1,4-Dioxane
Concen: 36.162 ng
RT: 3.21 min Scan# 55
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	44.3	66.5
43	18.6	14.3	21.5





#3

Pvridine

Concen: 30.288 ng

RT: 3.59 min Scan# 120

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

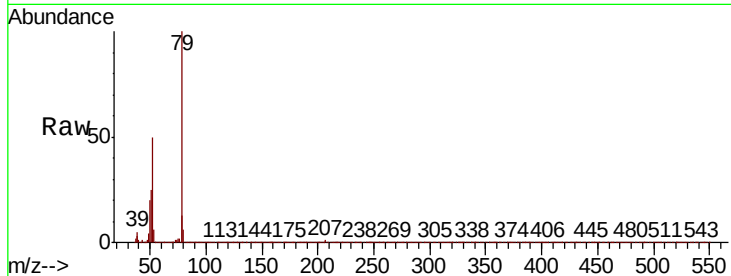
Tot Ion: 79 Resp: 360167

Ion Ratio Lower Upper

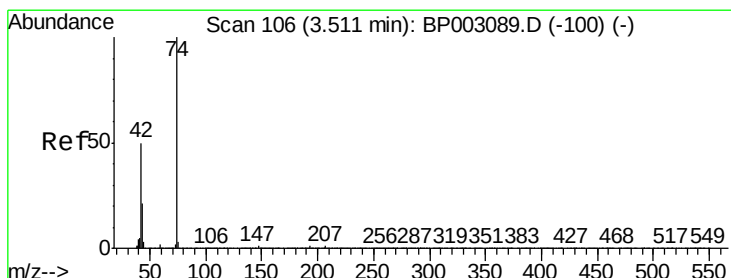
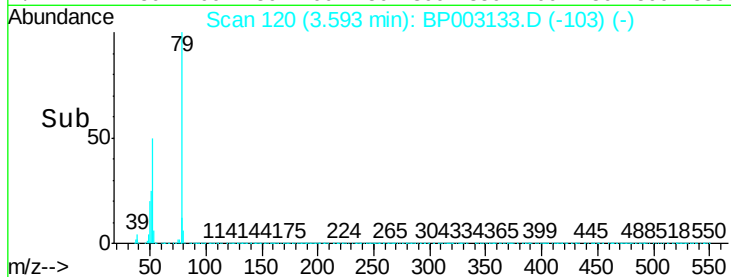
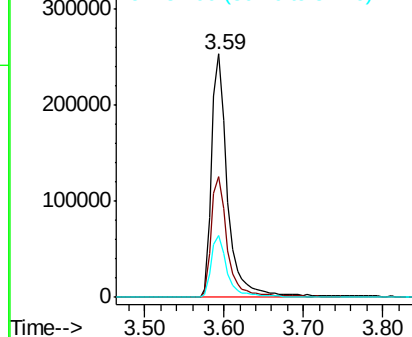
79 100

52 49.6 39.8 59.8

51 25.3 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 39.233 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

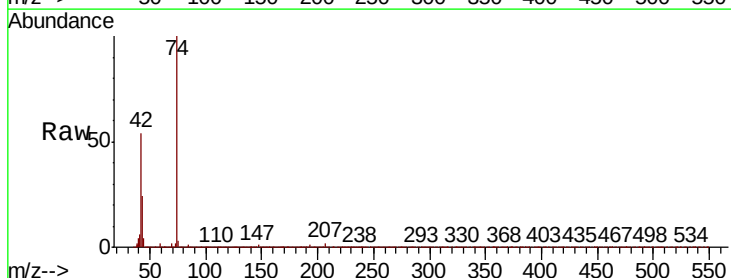
Tgt Ion: 42 Resp: 121830

Ion Ratio Lower Upper

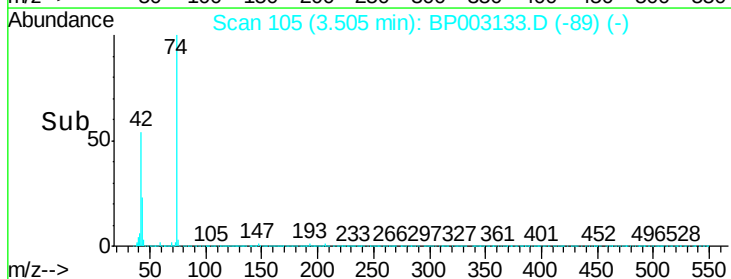
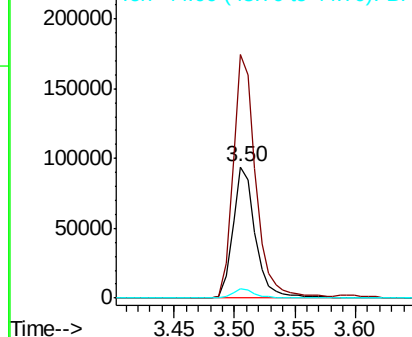
42 100

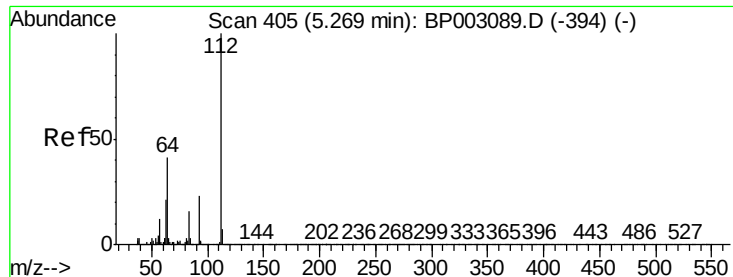
74 185.1 161.0 241.6

44 6.7 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 103.493 ng

RT: 5.27 min Scan# 405

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

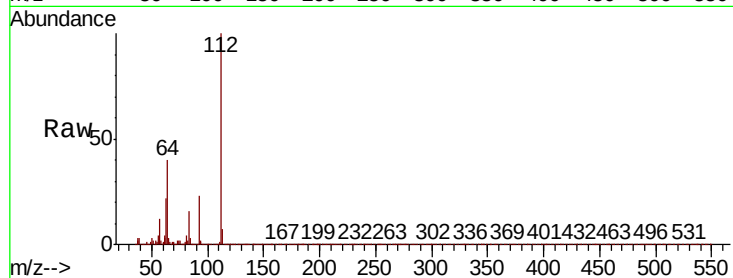
Tot Ion:112 Resp: 1223191

Ion Ratio Lower Upper

112 100

64 40.5 33.0 49.6

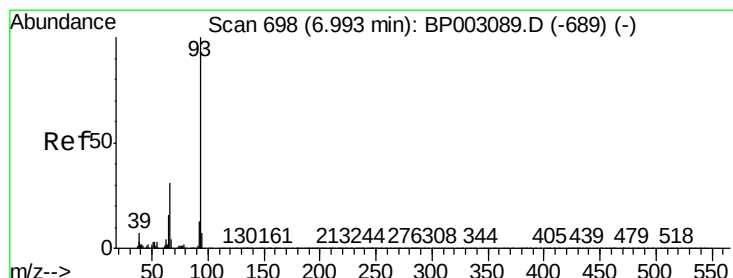
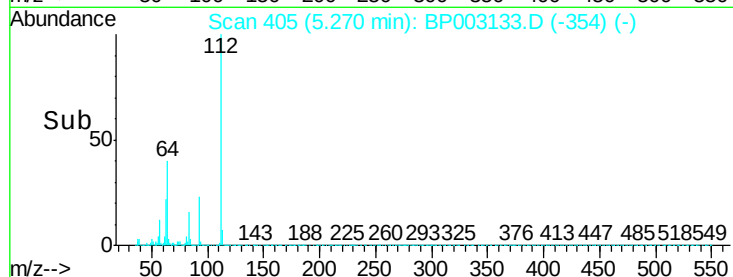
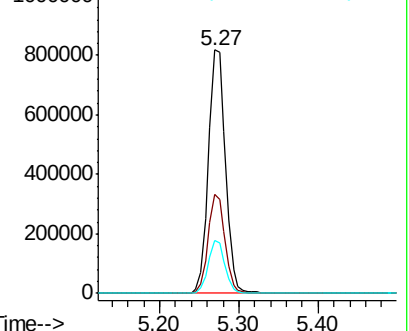
63 21.6 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.337 ng

RT: 6.99 min Scan# 698

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

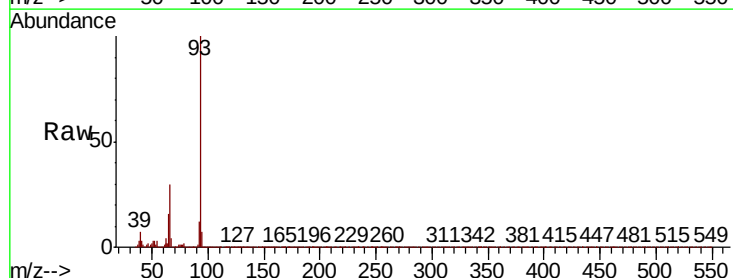
Tgt Ion: 93 Resp: 537761

Ion Ratio Lower Upper

93 100

66 30.4 25.0 37.4

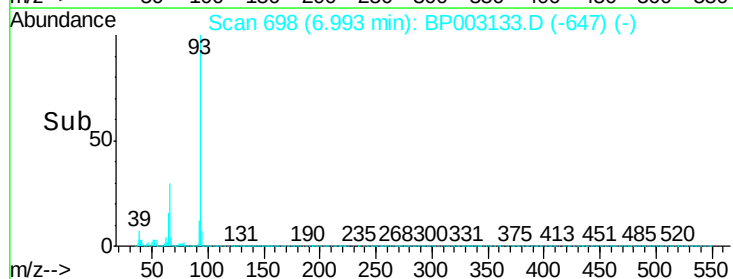
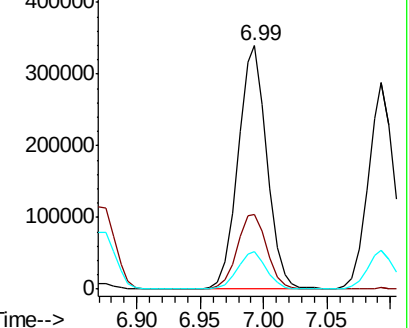
65 15.6 12.6 18.8

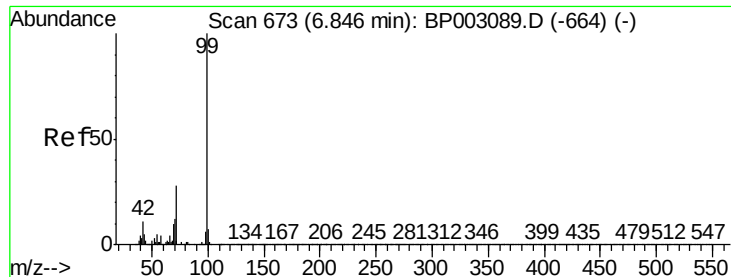


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 97.994 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

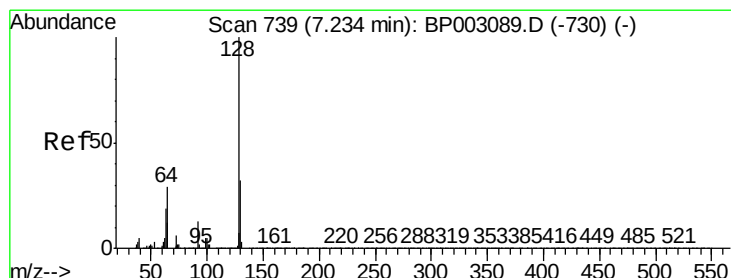
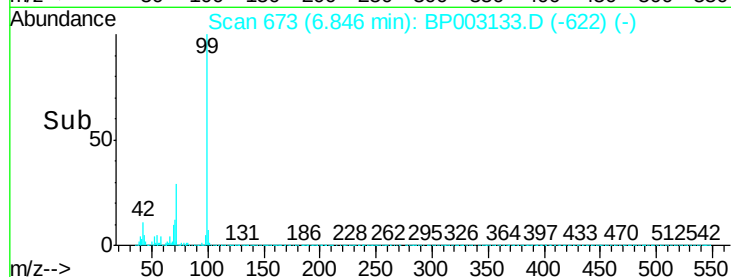
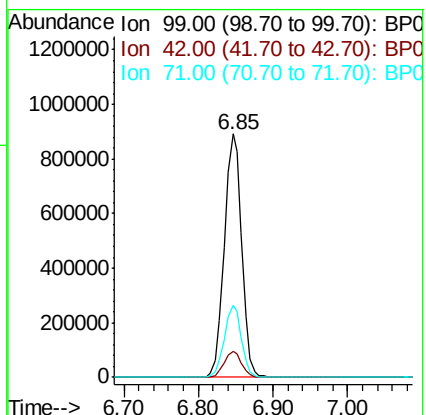
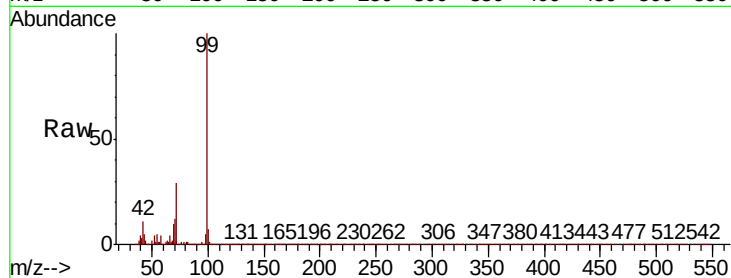
BNA_P

ClientSampleId :

PB131230BS

Tot Ion: 99 Resp: 1451882

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.5	22.8	34.2



#8

2-Chlorophenol

Concen: 40.204 ng

RT: 7.23 min Scan# 739

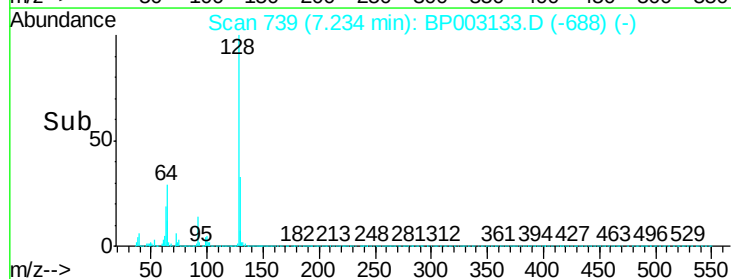
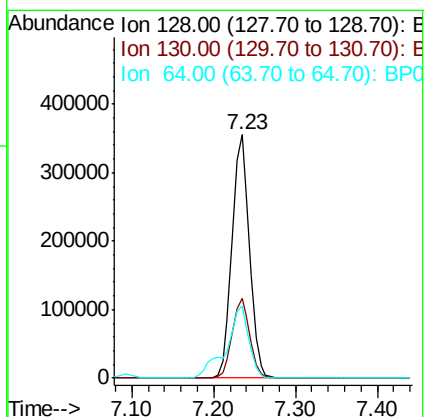
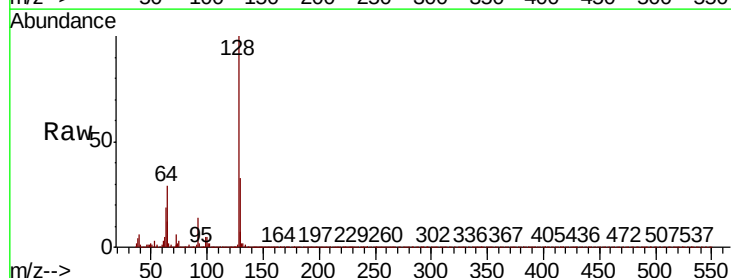
Delta R.T. 0.00 min

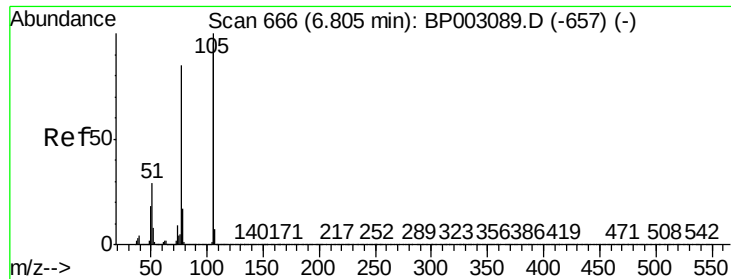
Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion: 128 Resp: 529738

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	29.5	9.7	49.7





#9

Benzaldehyde

Concen: 33.906 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

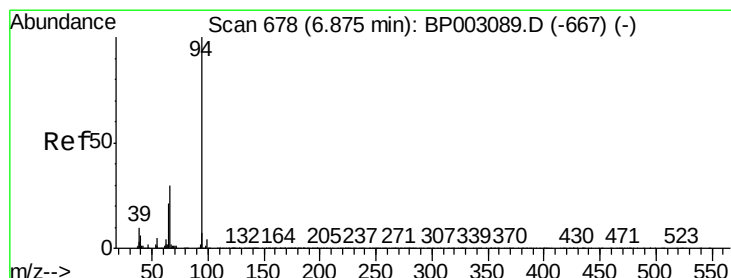
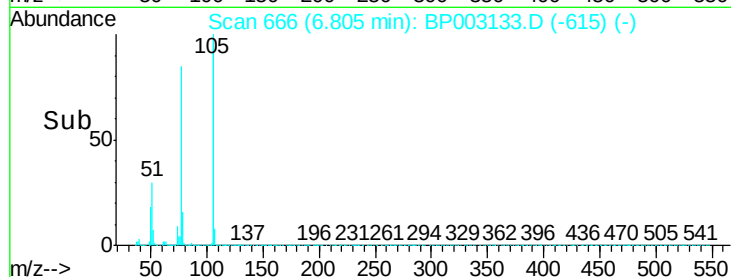
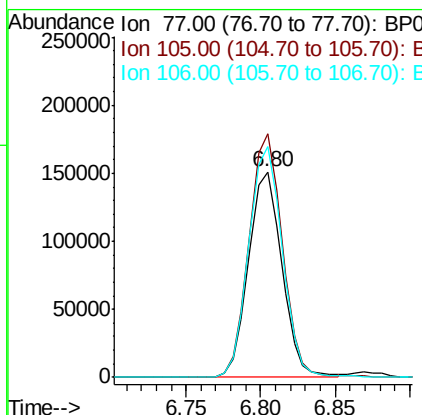
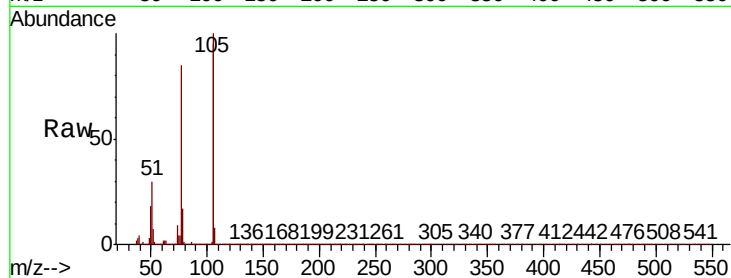
Tot Ion: 77 Resp: 234205

Ion Ratio Lower Upper

77 100

105 118.3 98.3 138.3

106 112.4 93.9 133.9



#10

Phenol

Concen: 39.448 ng

RT: 6.88 min Scan# 678

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

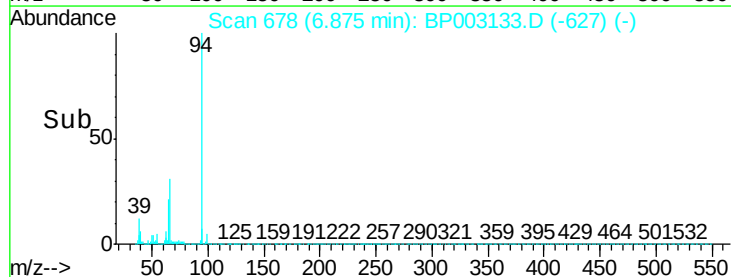
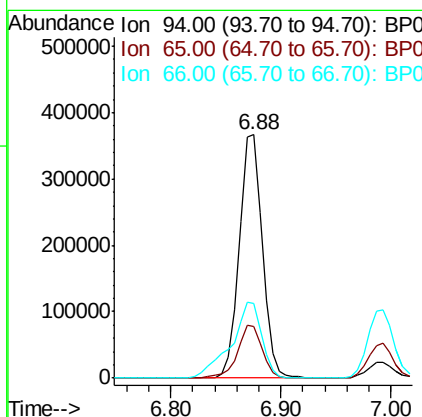
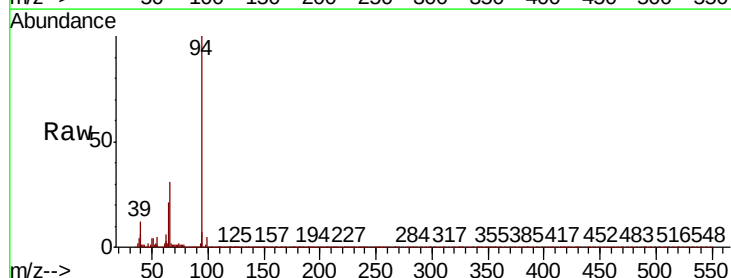
Tgt Ion: 94 Resp: 541642

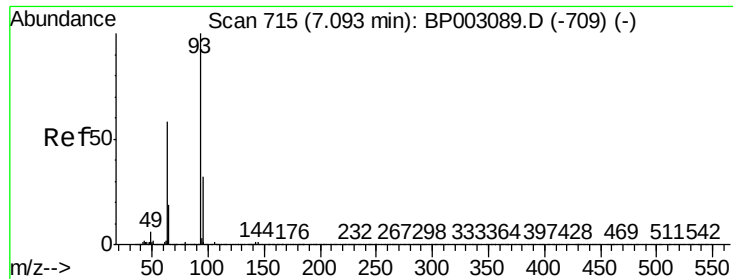
Ion Ratio Lower Upper

94 100

65 21.4 1.0 41.0

66 30.9 9.7 49.7

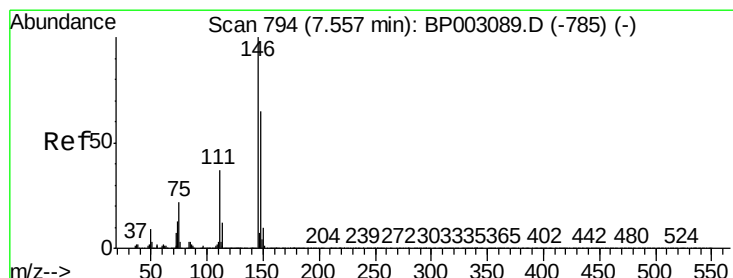
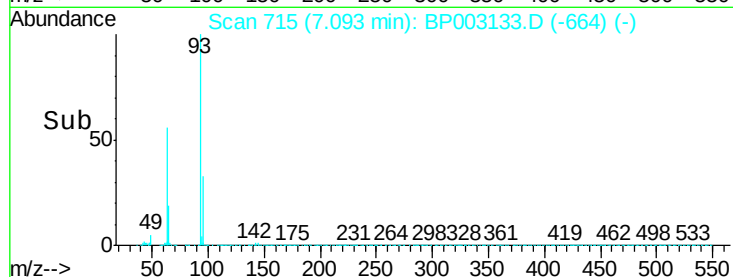
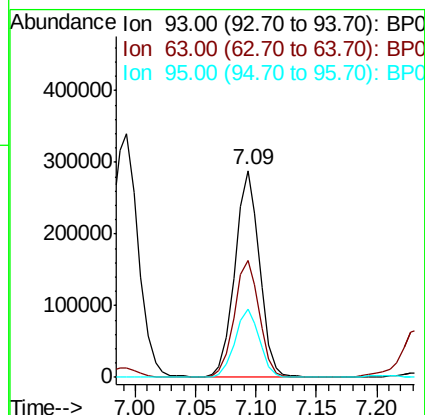
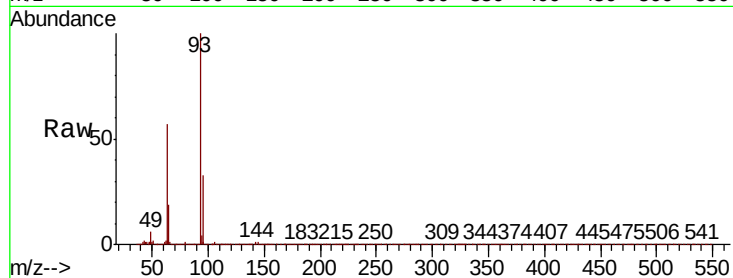




#11
bis(2-Chloroethyl)ether
Concen: 37.775 ng
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

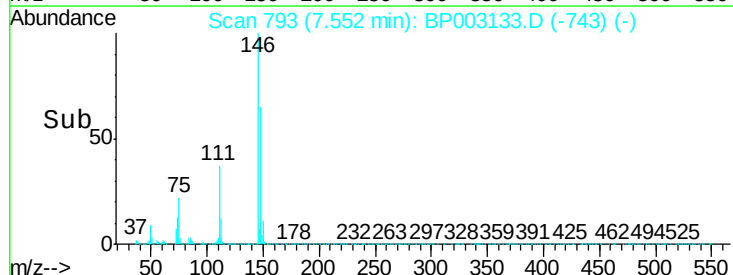
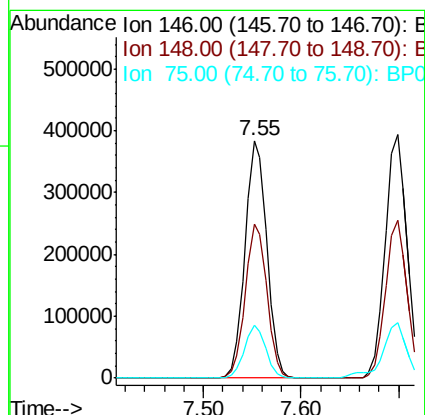
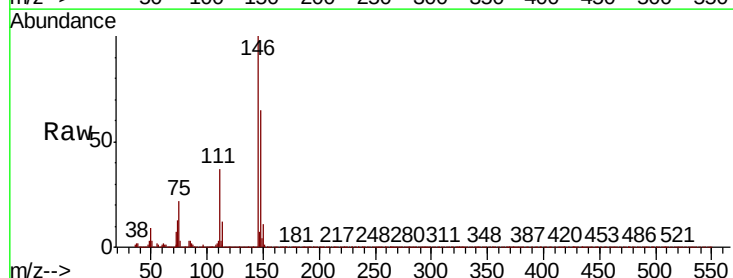
Instrument :
BNA_P
ClientSampleId :
PB131230BS

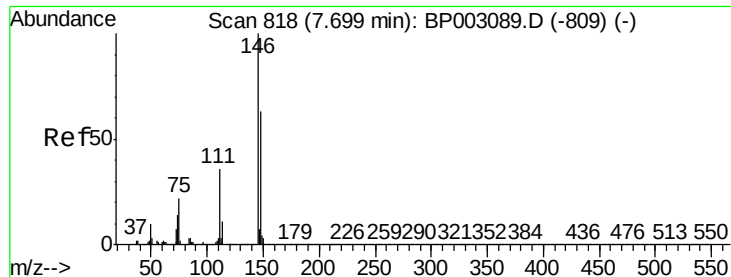
Tot Ion	Ratio	Lower	Upper
93	100		
63	56.7	37.8	77.8
95	32.9	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 37.020 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	22.4	17.4	26.2

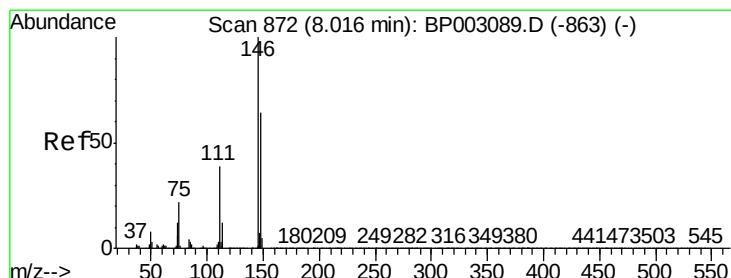
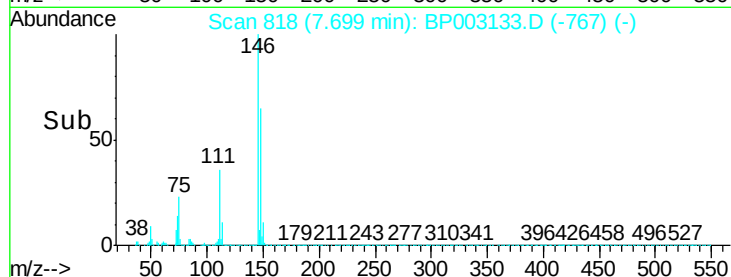
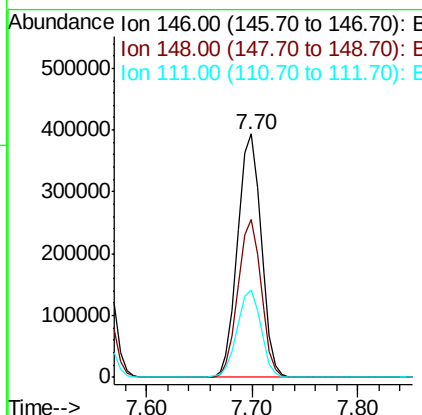
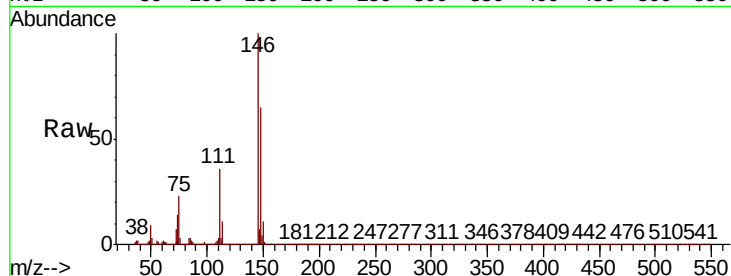




#13
1,4-Dichlorobenzene
Concen: 37.535 ng
RT: 7.70 min Scan# 818
Delta R.T. 0.00 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

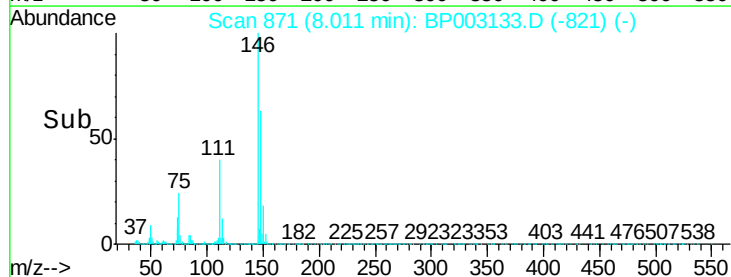
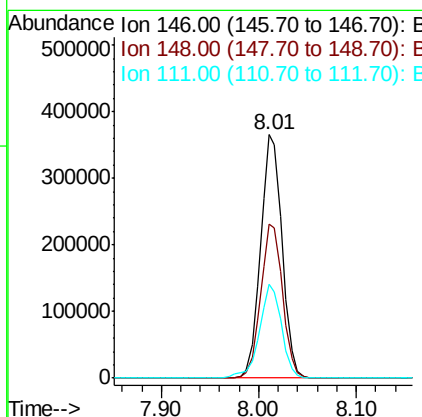
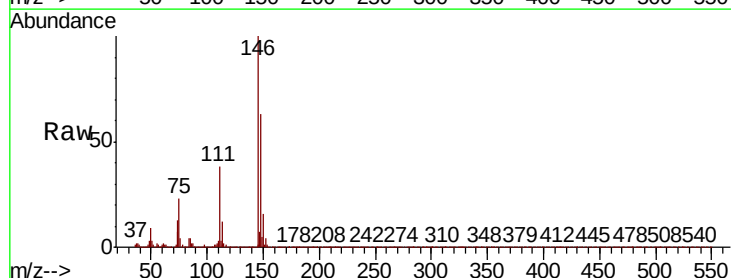
Instrument :
BNA_P
ClientSampleId :
PB131230BS

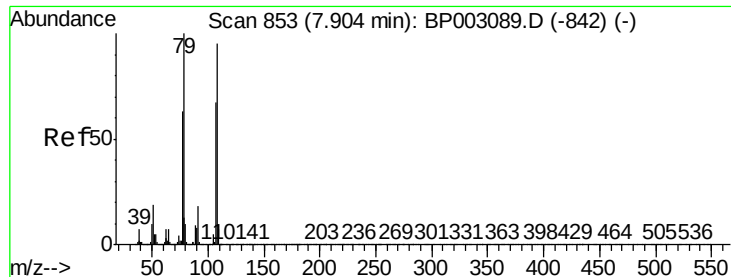
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	35.9	28.5	42.7



#14
1,2-Dichlorobenzene
Concen: 36.983 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
111	38.5	31.0	46.4

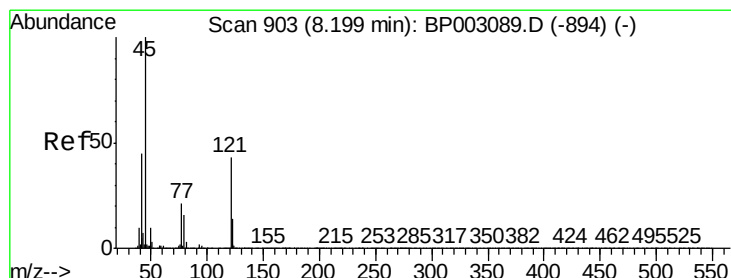
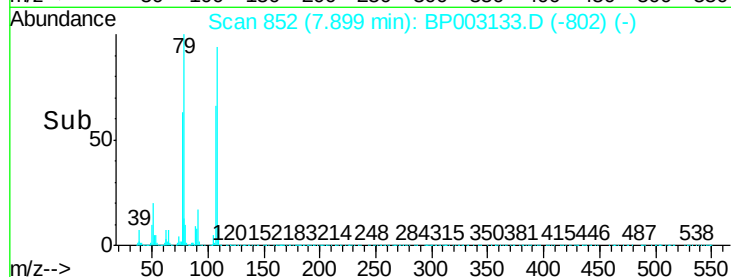
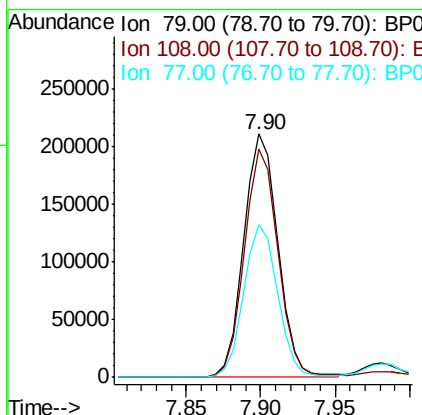
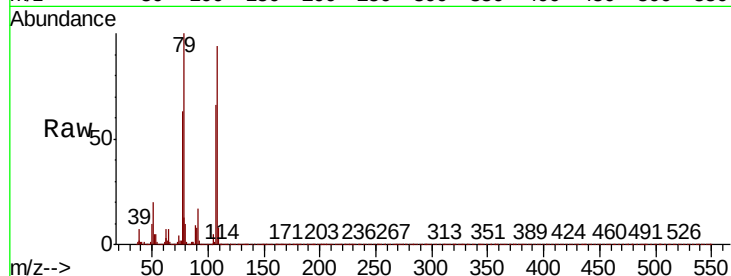




#15
Benzyl Alcohol
Concen: 39.966 ng
RT: 7.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

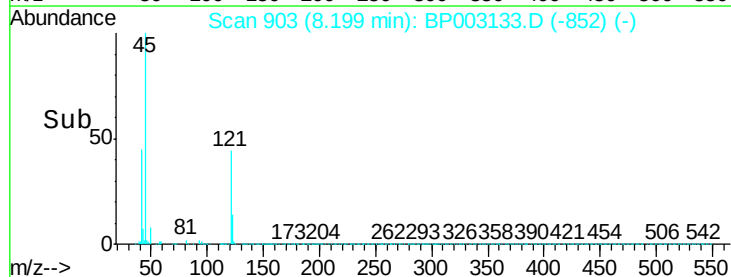
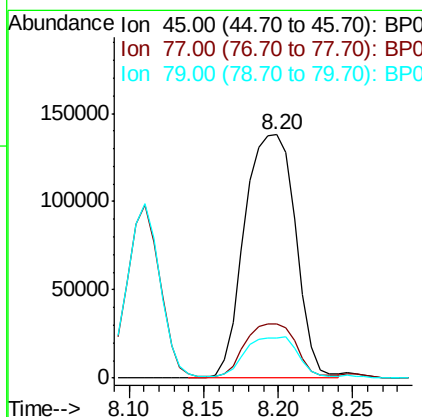
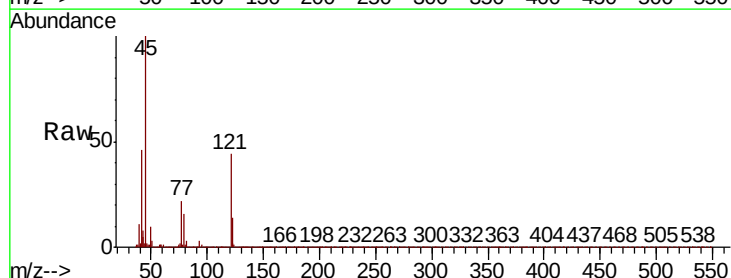
Instrument :
BNA_P
ClientSampled :
PB131230BS

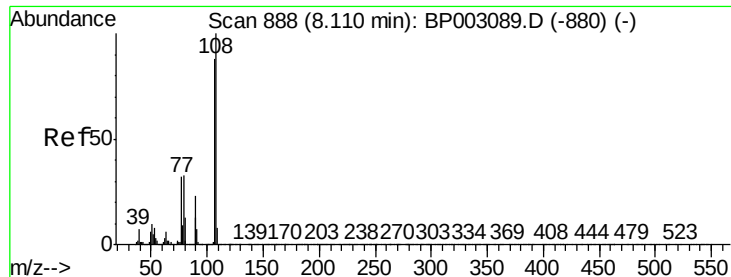
Tot Ion	Ratio	Lower	Upper
79	100		
108	93.6	75.7	113.5
77	62.8	50.2	75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.541 ng
RT: 8.20 min Scan# 903
Delta R.T. 0.00 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.3	1.6	41.6
79	16.4	0.0	36.7

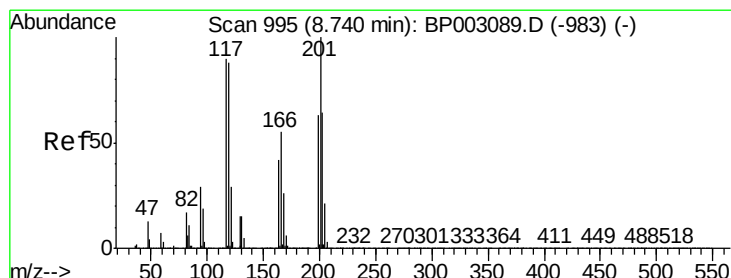
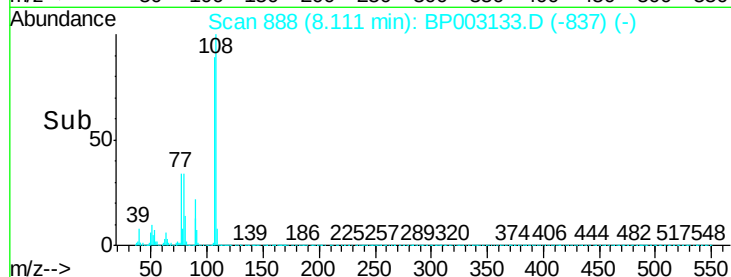
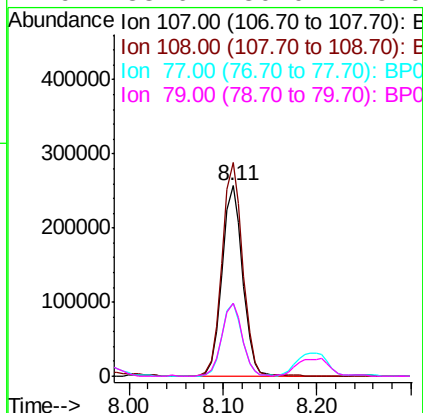
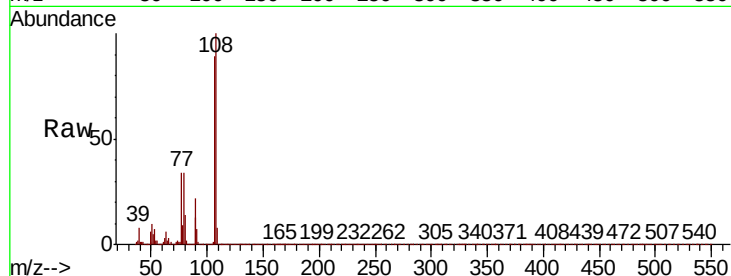




#17
2-Methylphenol
Concen: 40.223 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.00 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

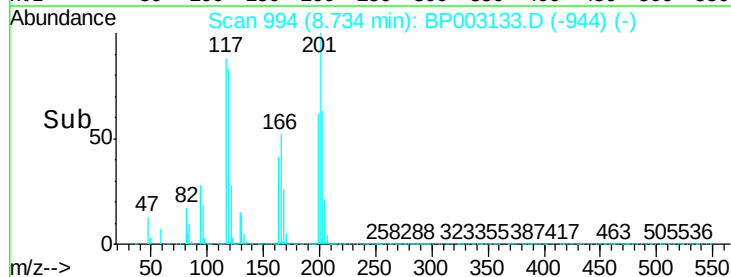
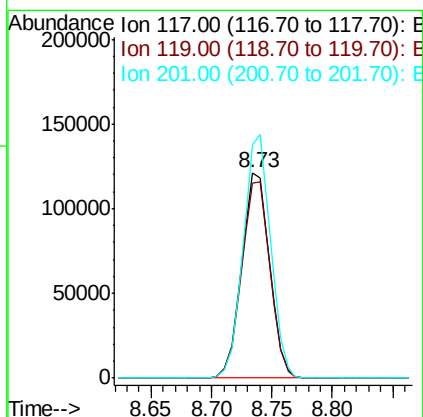
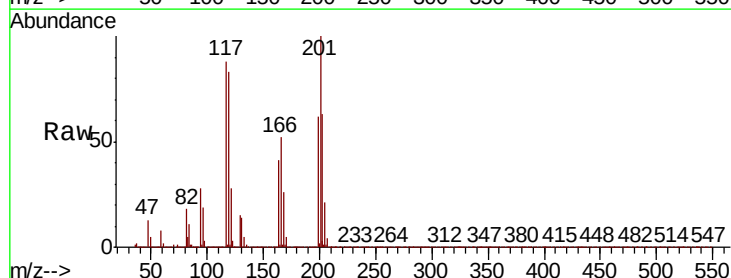
Instrument :
BNA_P
ClientSampleId :
PB131230BS

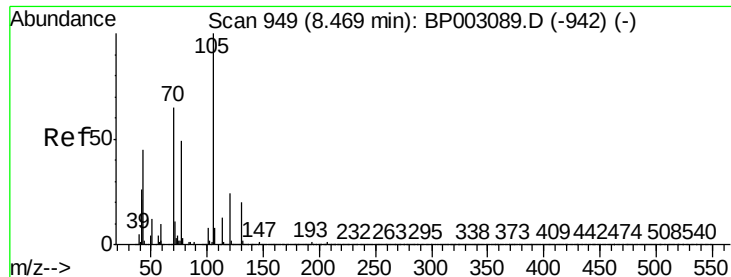
Tot Ion:	107	Resp:	393434
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.8	136.2
77	38.3	29.4	44.2
79	38.6	30.0	45.0



#18
Hexachloroethane
Concen: 37.089 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:	117	Resp:	196252
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.7	116.5
201	113.5	88.4	132.6

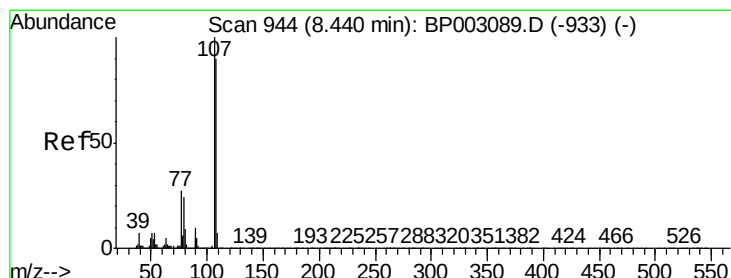
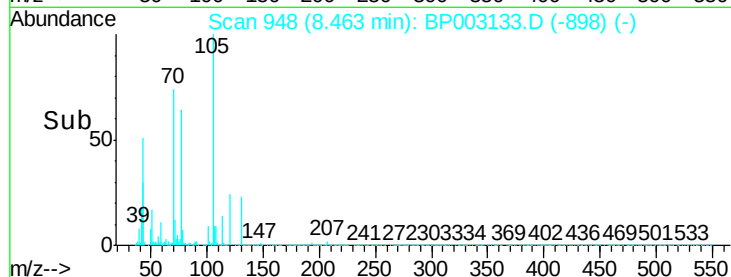
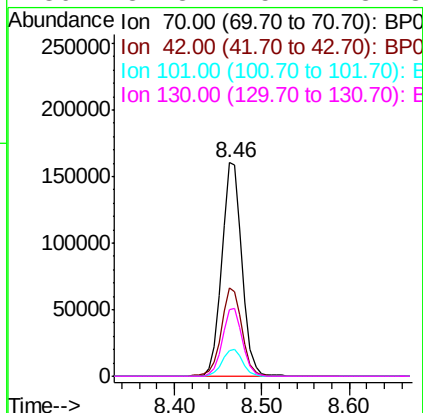
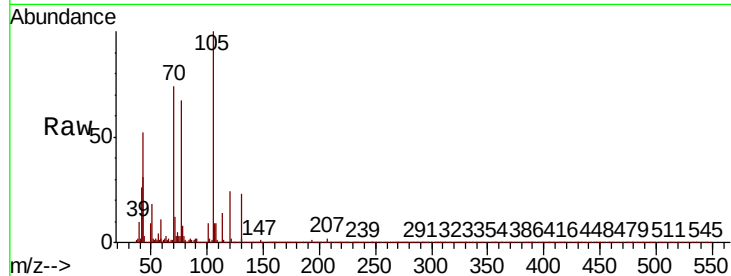




#19
n-Nitroso-di-n-propylamine
Concen: 37.889 ng
RT: 8.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

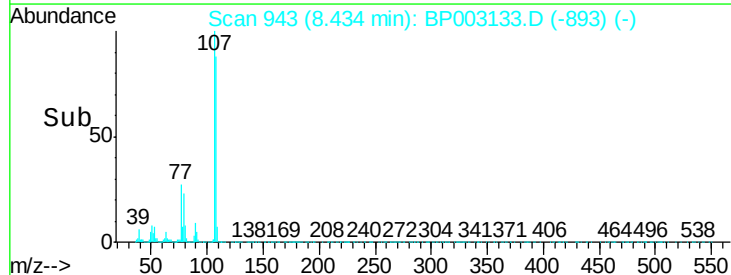
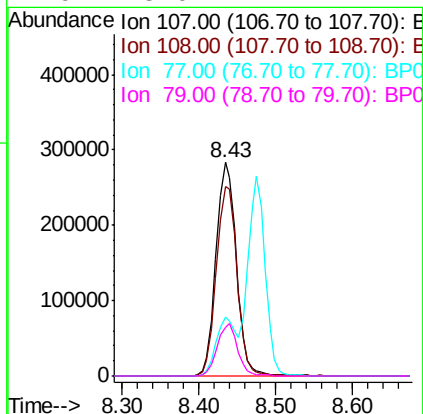
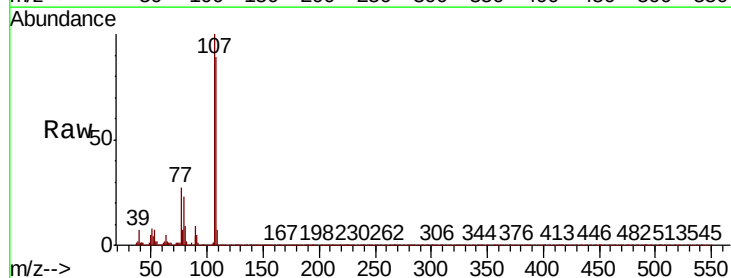
Instrument :
BNA_P
ClientSampleId :
PB131230BS

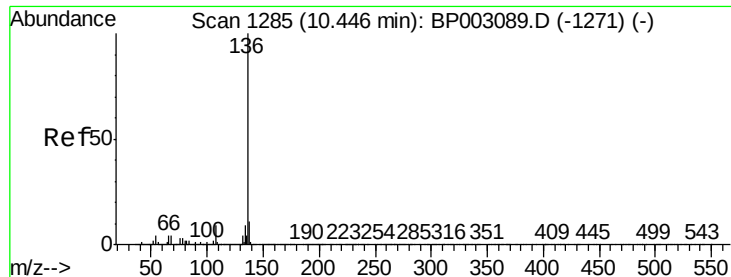
Tot Ion:	70	Resp:	253625
Ion	Ratio	Lower	Upper
70	100		
42	41.3	32.5	48.7
101	12.1	10.2	15.2
130	31.3	25.2	37.8



#20
3+4-Methylphenols
Concen: 39.200 ng
RT: 8.43 min Scan# 943
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:	107	Resp:	516623
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.7	109.7
77	27.4	7.2	47.2
79	23.0	4.4	44.4

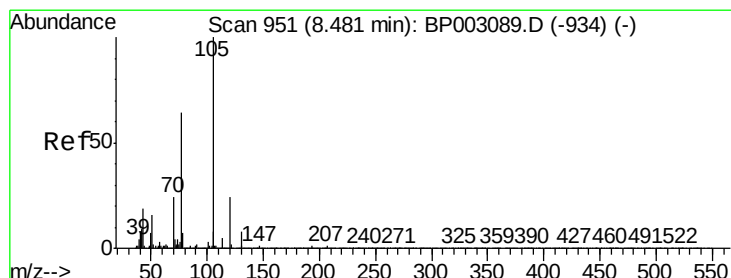
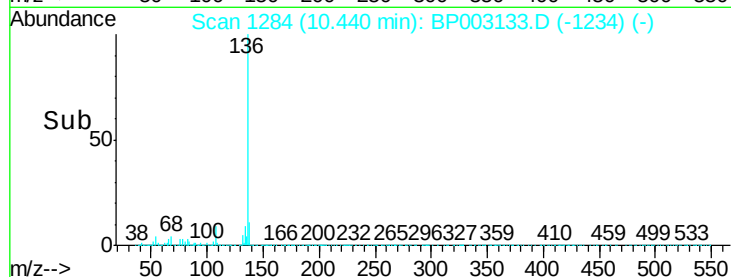
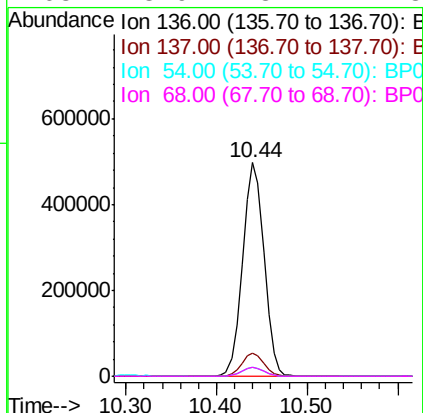
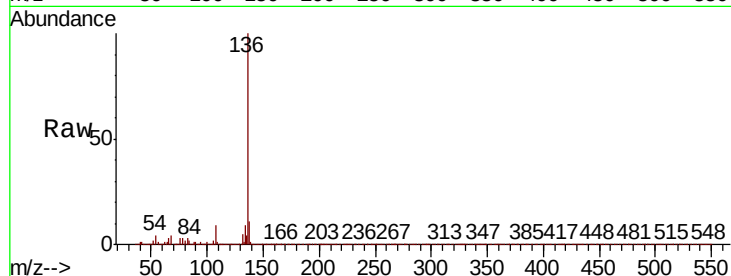




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

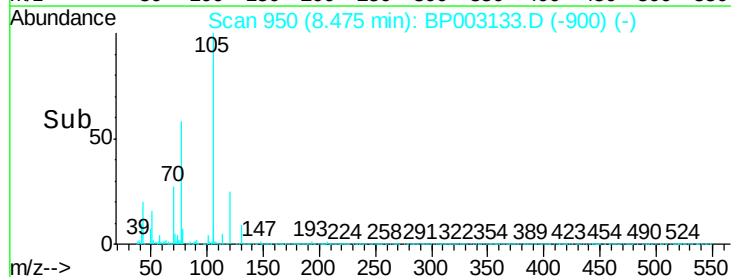
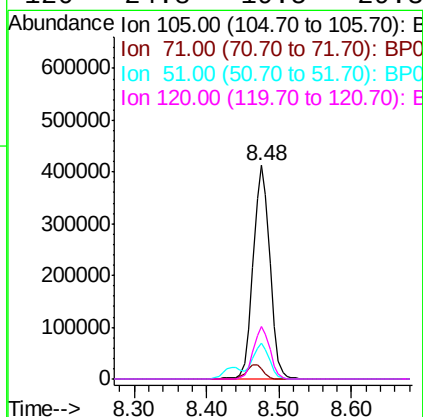
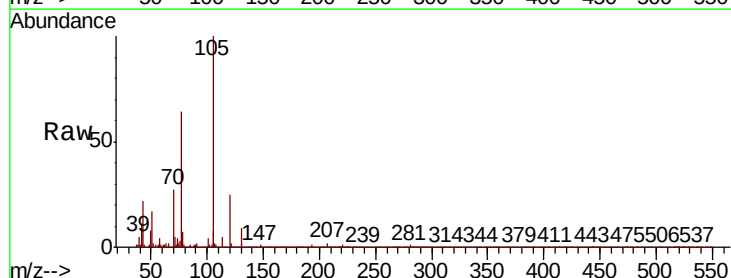
Instrument :
BNA_P
ClientSampleId :
PB131230BS

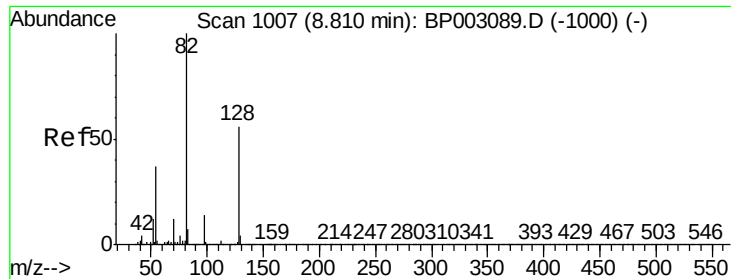
Tot Ion:136	Resp:	813658	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 4.5	3.5	5.3	
68 3.9	3.2	4.8	



#22
Acetophenone
Concen: 36.353 ng
RT: 8.48 min Scan# 950
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt	Ion:105	Resp:	658721
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.1	4.7
51	16.7	13.0	19.6
120	24.8	19.5	29.3

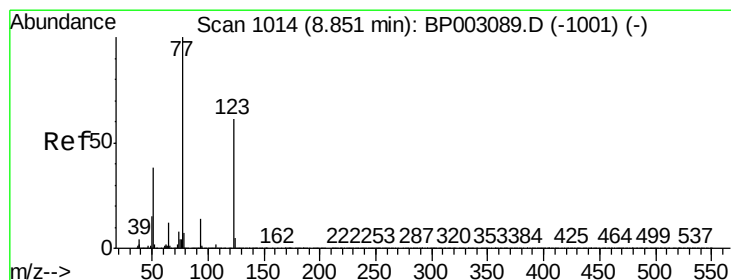
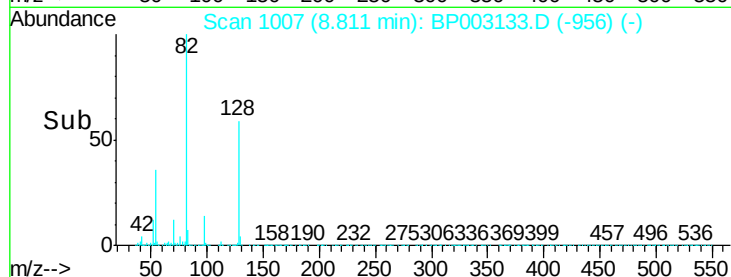
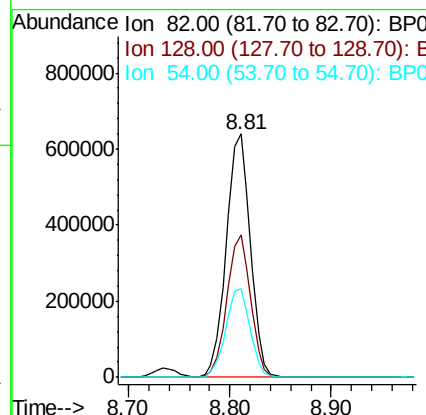
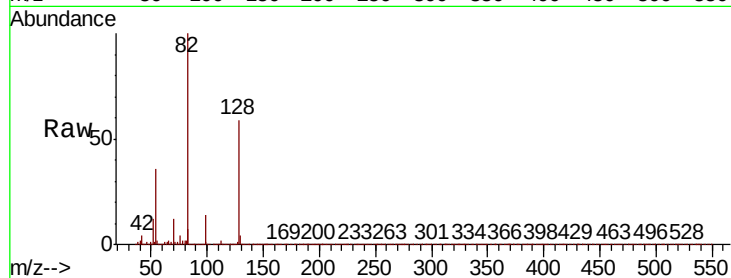




#23
 Nitrobenzene-d5
 Concen: 93.282 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

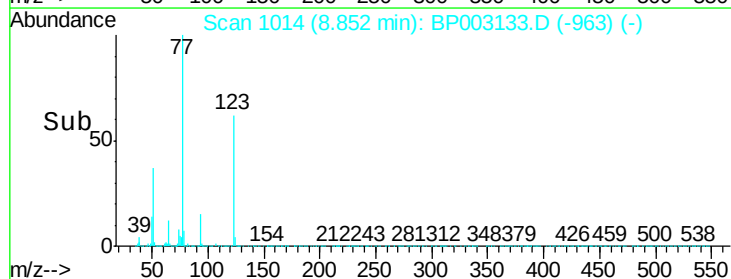
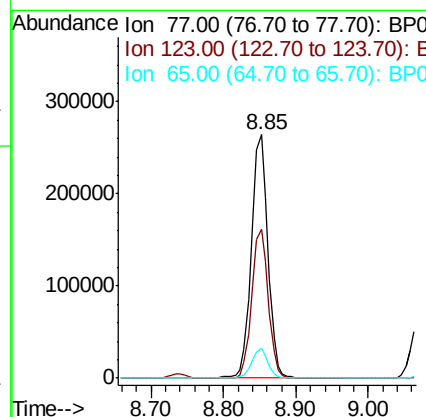
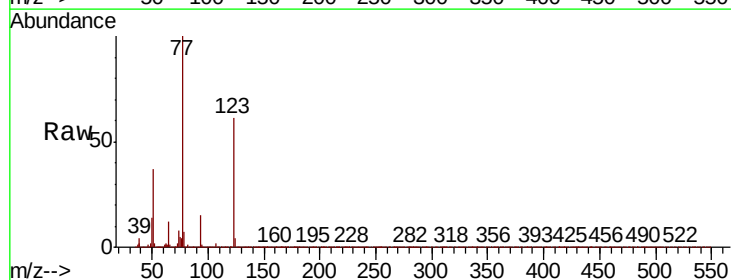
Instrument :
 BNA_P
 ClientSampleId :
 PB131230BS

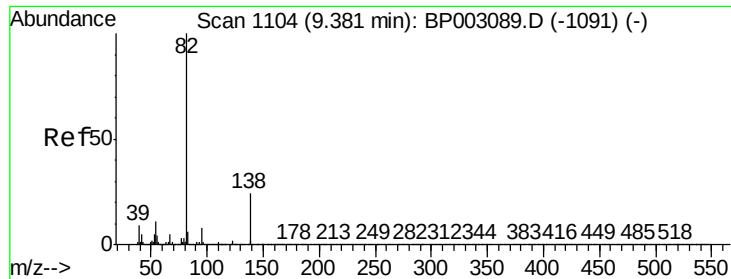
Tot Ion: 82 Resp: 1052839
 Ion Ratio Lower Upper
 82 100
 128 58.8 44.9 67.3
 54 36.5 29.4 44.2



#24
 Nitrobenzene
 Concen: 37.663 ng
 RT: 8.85 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

Tgt Ion: 77 Resp: 417524
 Ion Ratio Lower Upper
 77 100
 123 61.4 49.0 73.4
 65 12.1 9.6 14.4





#25

Isophorone

Concen: 38.590 ng

RT: 9.38 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

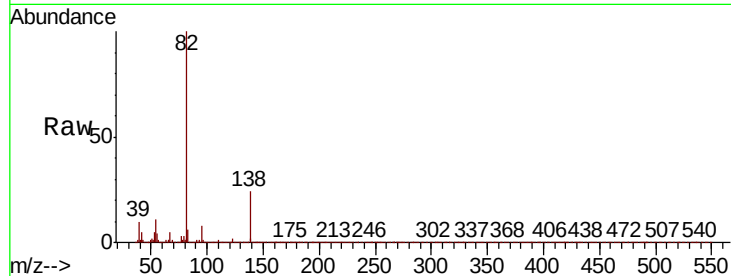
Tot Ion: 82 Resp: 768488

Ion Ratio Lower Upper

82 100

95 8.1 6.0 9.0

138 23.9 19.1 28.7



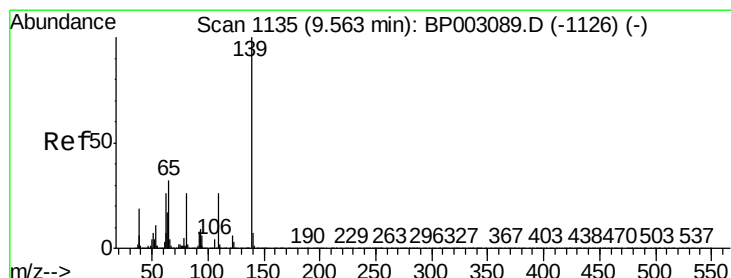
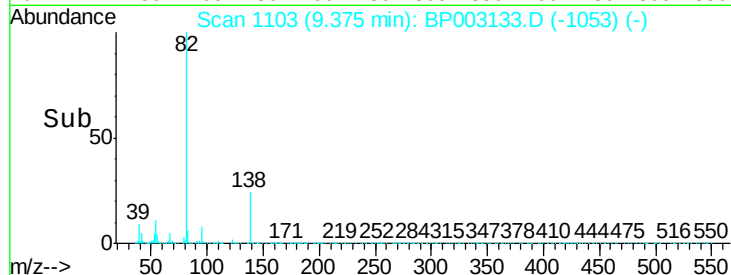
Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0

Time-->

9.30 9.40 9.50



#26

2-Nitrophenol

Concen: 41.592 ng

RT: 9.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

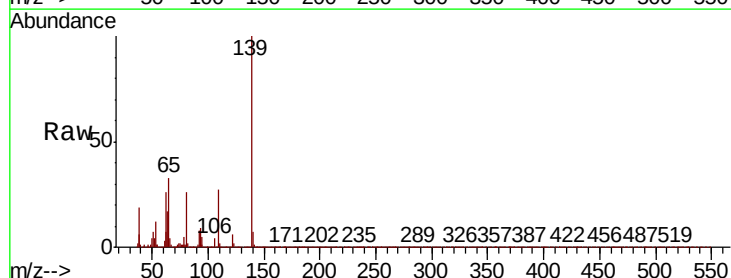
Tgt Ion: 139 Resp: 274814

Ion Ratio Lower Upper

139 100

109 27.2 21.2 31.8

65 32.6 25.4 38.0



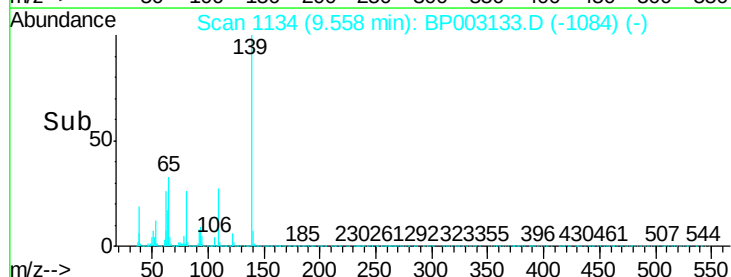
Abundance Ion 139.00 (138.70 to 139.70): E

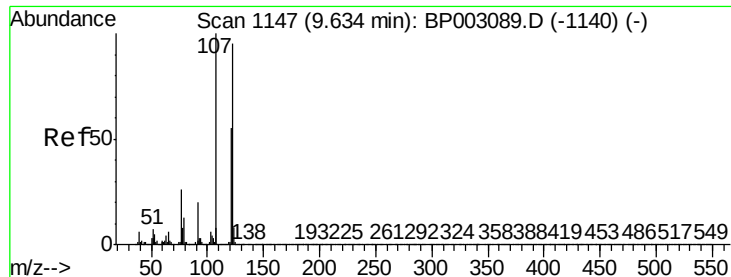
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

Time-->

9.50 9.60 9.70





#27

2,4-Dimethylphenol

Concen: 45.118 ng

RT: 9.63 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

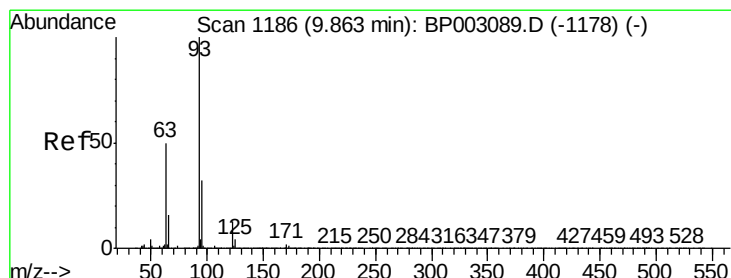
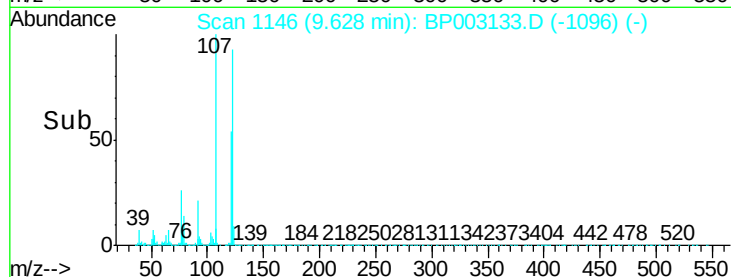
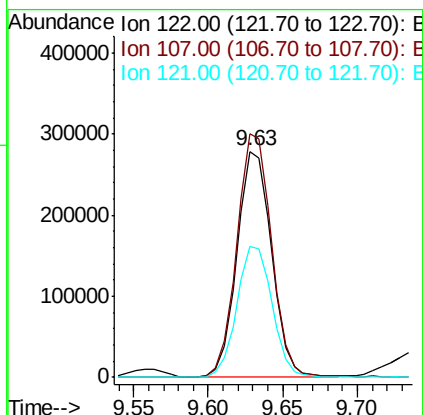
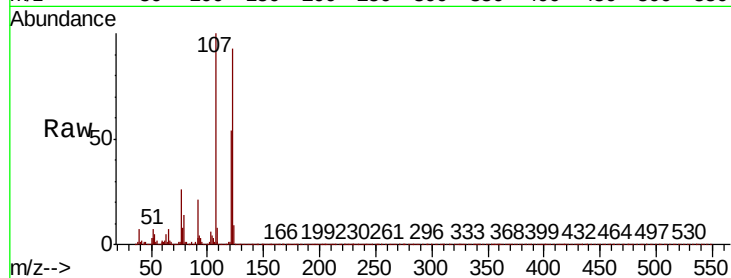
Tot Ion:122 Resp: 448145

Ion Ratio Lower Upper

122 100

107 107.8 84.3 126.5

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 35.097 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

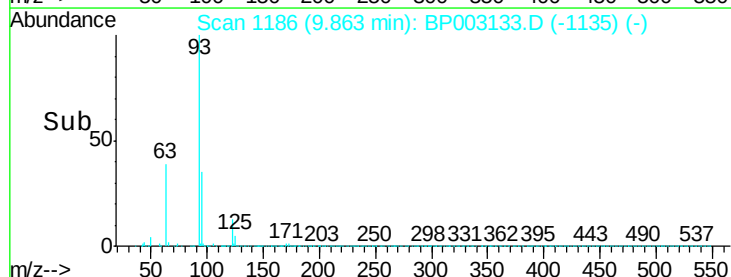
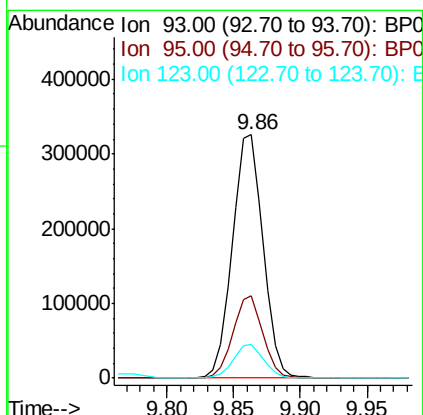
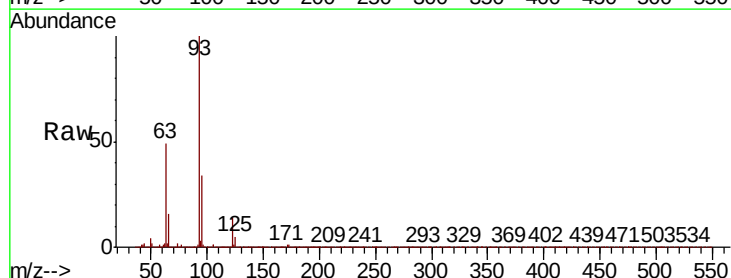
Tgt Ion: 93 Resp: 520567

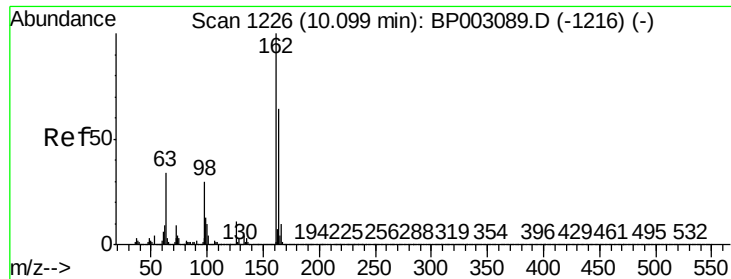
Ion Ratio Lower Upper

93 100

95 33.9 25.8 38.8

123 13.8 10.6 15.8

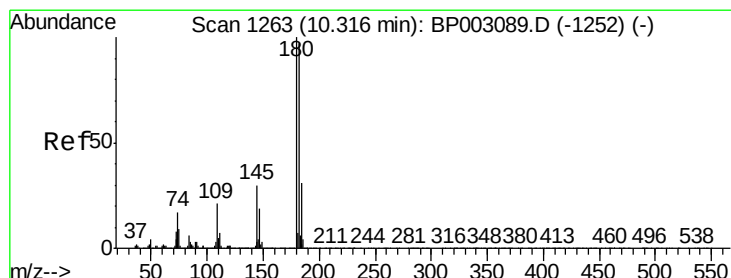
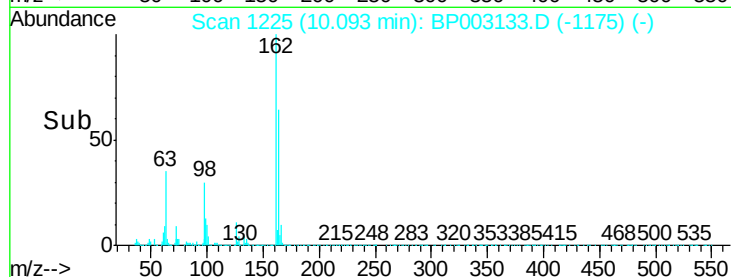
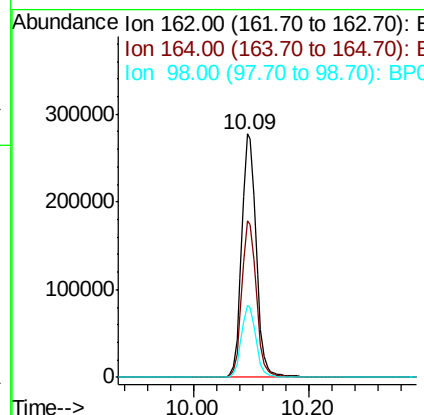
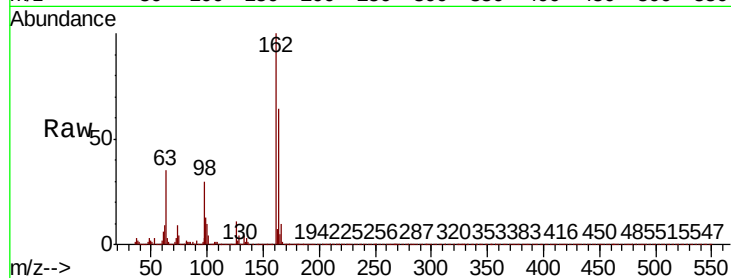




#29
2,4-Dichlorophenol
Concen: 39.485 ng
RT: 10.09 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

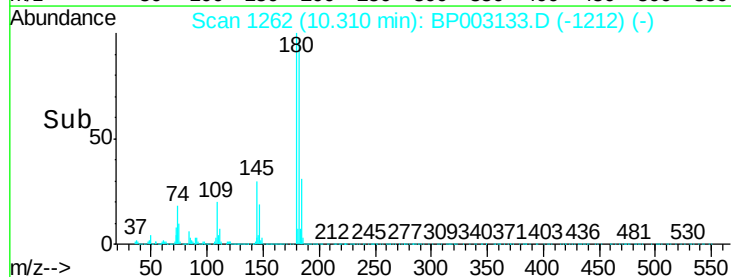
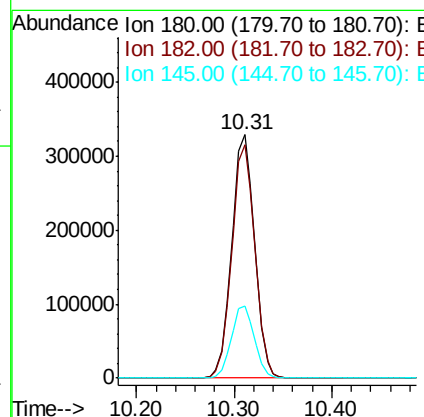
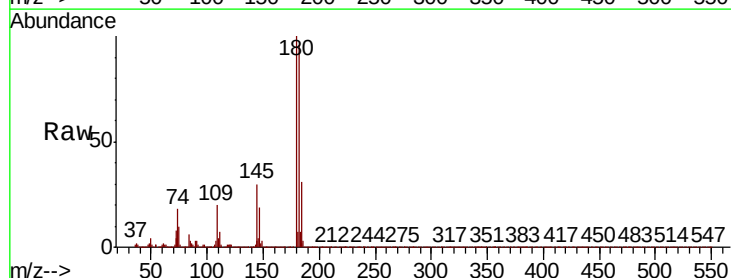
Instrument :
BNA_P
ClientSampleId :
PB131230BS

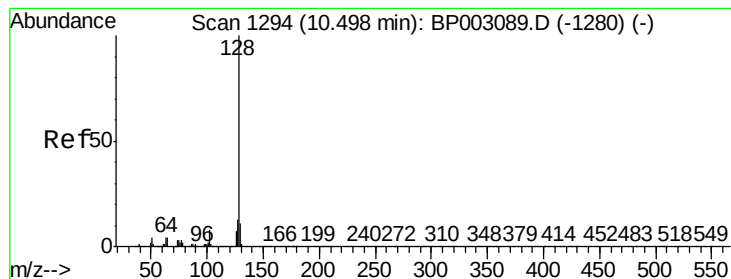
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.6	83.6
98	29.7	10.1	50.1



#30
1,2,4-Trichlorobenzene
Concen: 36.414 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.6	116.4
145	29.6	23.7	35.5





#31

Naphthalene

Concen: 37.206 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

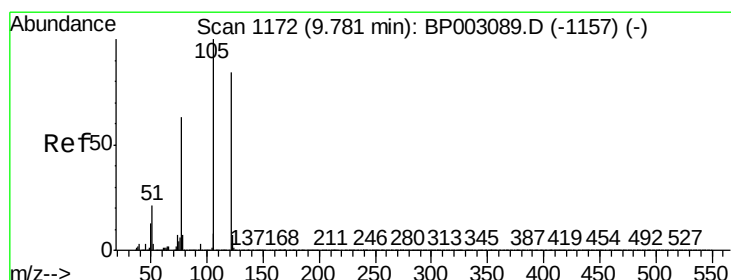
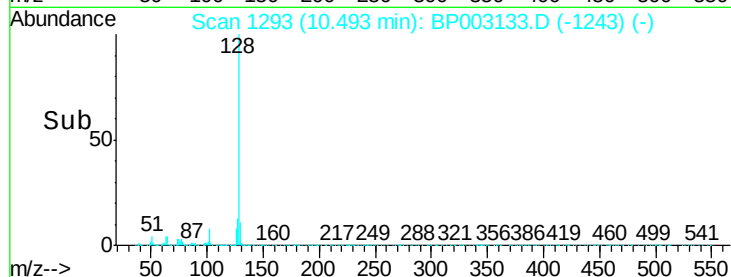
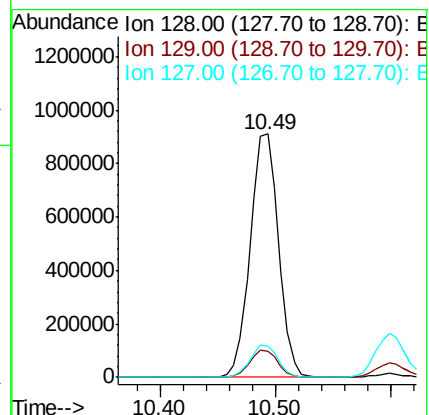
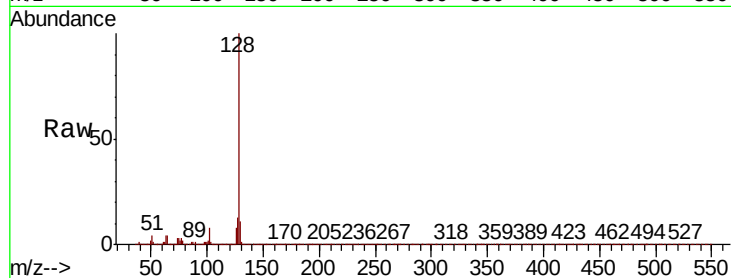
BNA_P

ClientSampleId :

PB131230BS

Tot Ion:128 Resp: 1555316

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.0	10.5	15.7



#32

Benzoic acid

Concen: 33.791 ng

RT: 9.77 min Scan# 1170

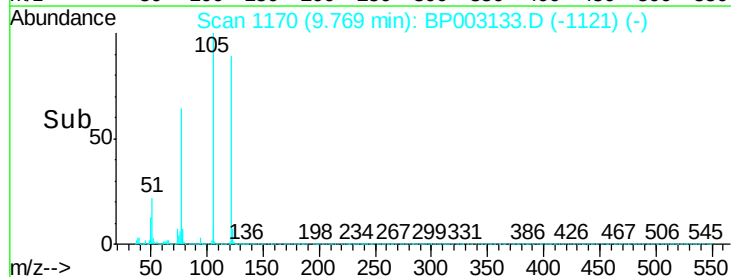
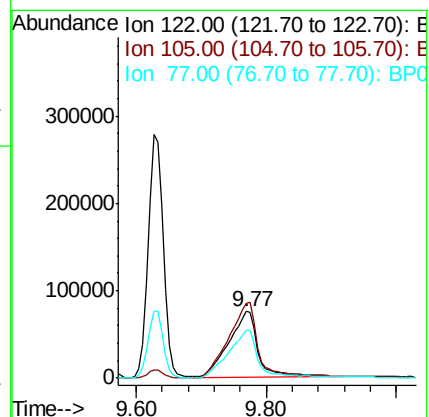
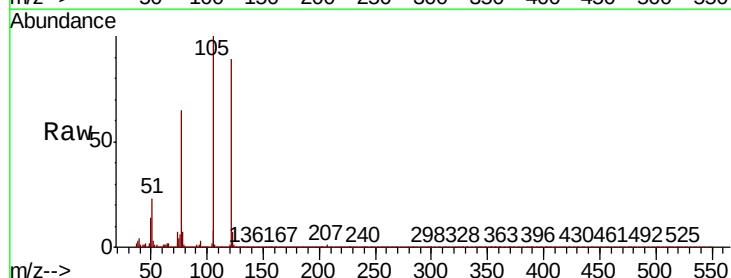
Delta R.T. -0.01 min

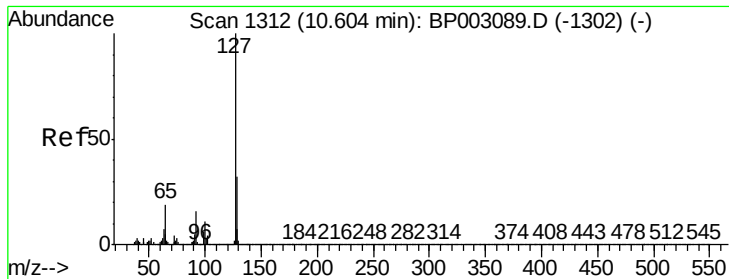
Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion:122 Resp: 234463

Ion	Ratio	Lower	Upper
122	100		
105	112.4	98.1	138.1
77	72.6	55.3	95.3

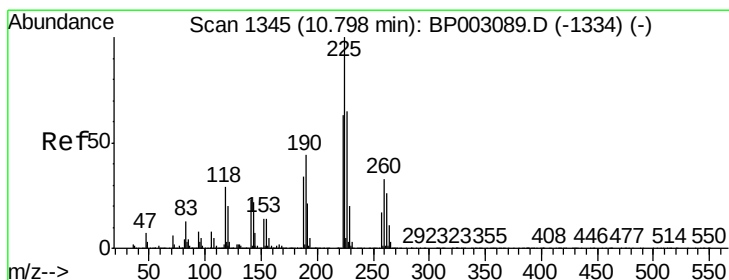
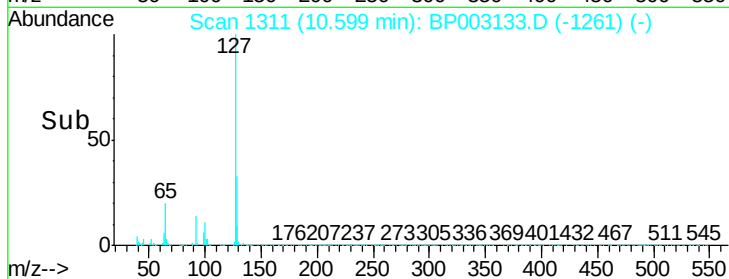
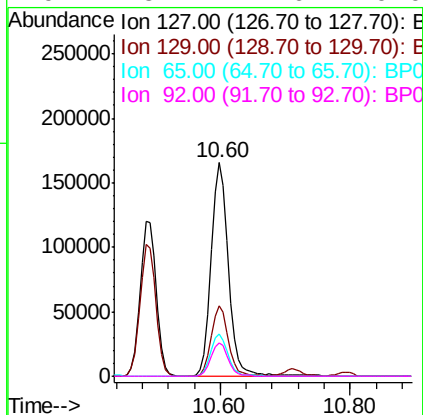
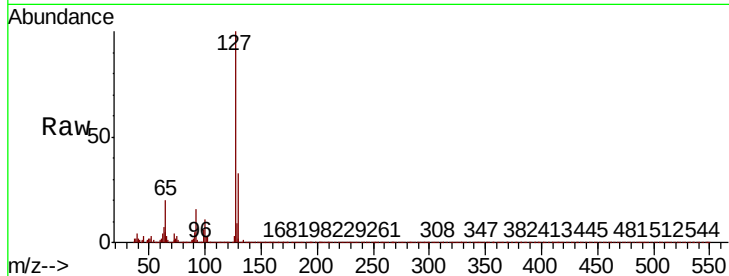




#33
4-Chloroaniline
Concen: 17.389 ng
RT: 10.60 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

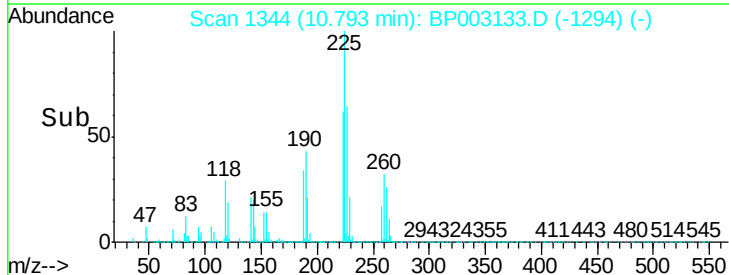
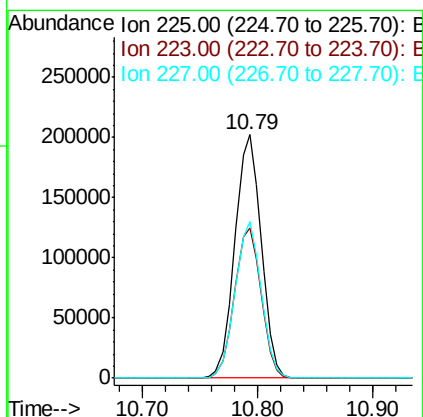
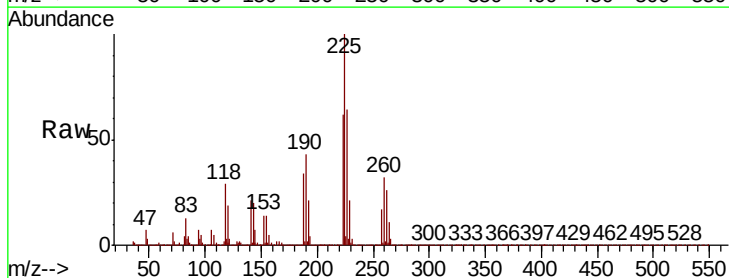
Instrument :
BNA_P
ClientSampleId :
PB131230BS

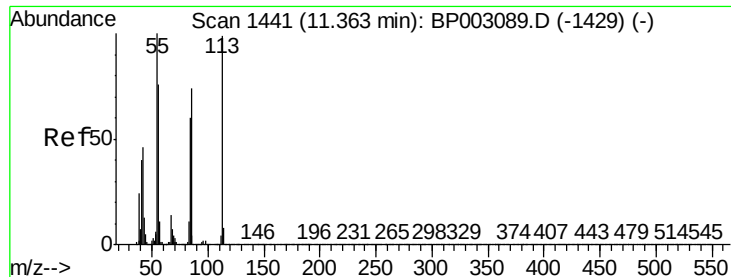
Tot Ion:	127	Resp:	303721
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.4	38.0
65	20.1	15.5	23.3
92	15.7	12.6	19.0



#34
Hexachlorobutadiene
Concen: 36.275 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:	225	Resp:	319438
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.2	52.0	78.0





#35

Caprolactam

Concen: 36.271 ng

RT: 11.36 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

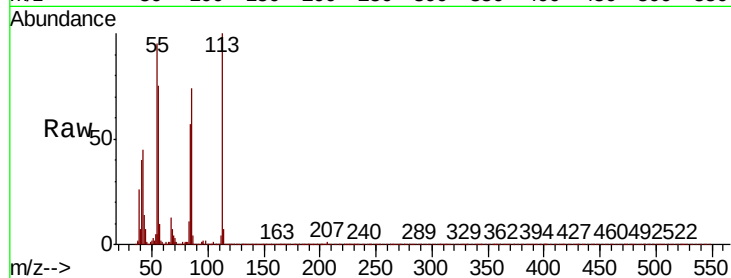
Tot Ion:113 Resp: 134319

Ion Ratio Lower Upper

113 100

55 95.3 81.3 121.3

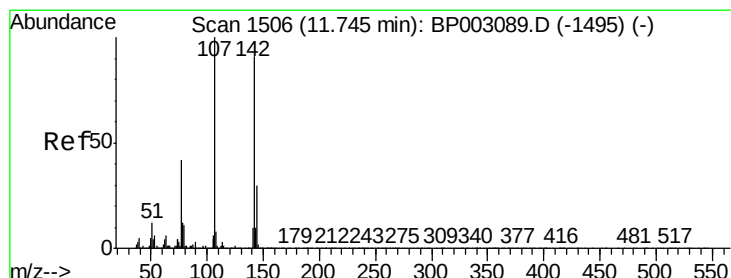
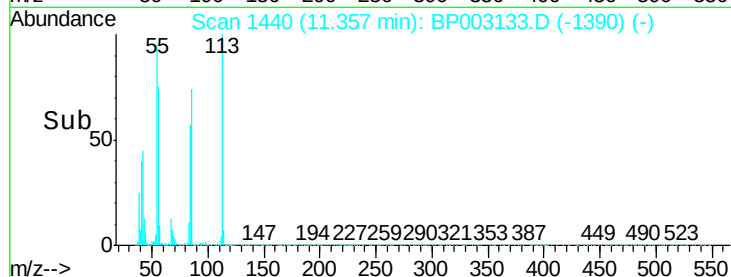
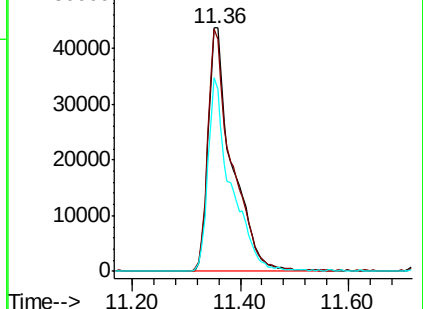
56 75.0 56.4 96.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 37.787 ng

RT: 11.74 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

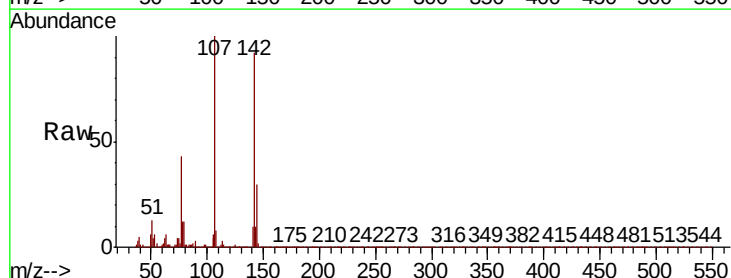
Tgt Ion:107 Resp: 434776

Ion Ratio Lower Upper

107 100

144 30.0 24.2 36.4

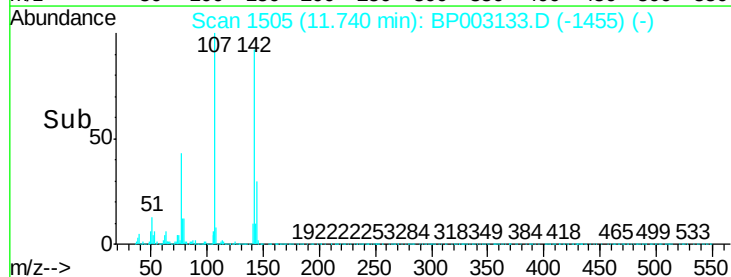
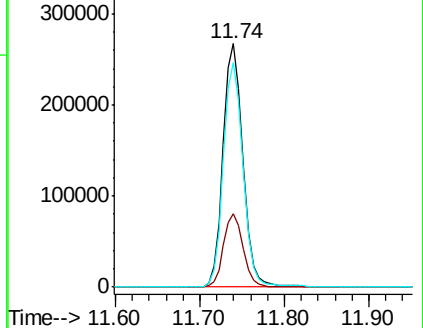
142 92.3 73.0 109.6

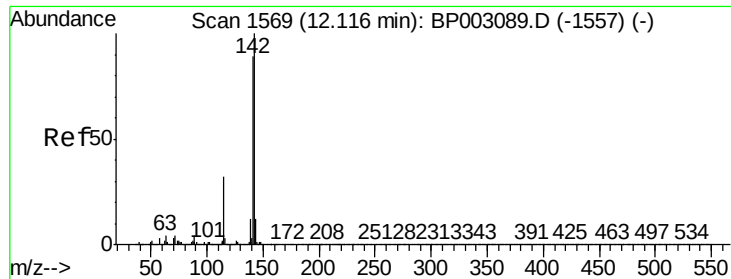


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

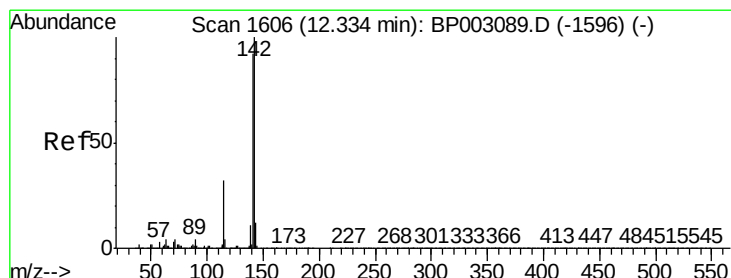
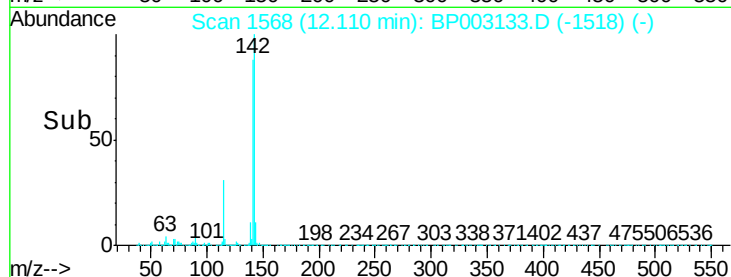
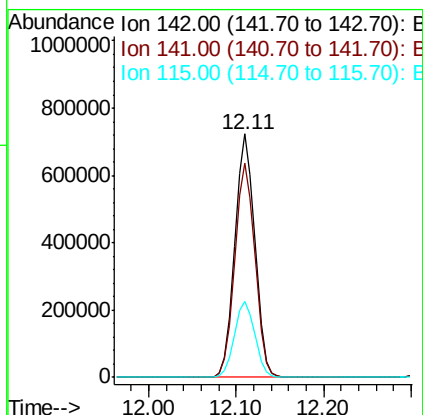
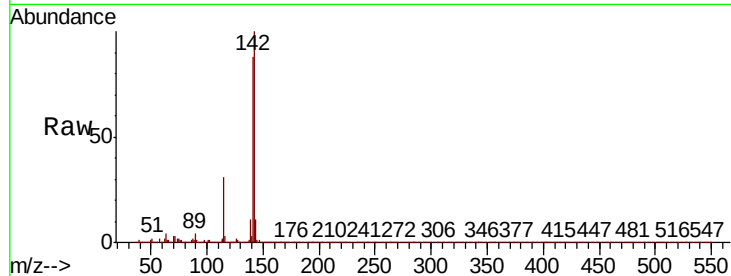




#37
2-Methylnaphthalene
Concen: 37.406 ng
RT: 12.11 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

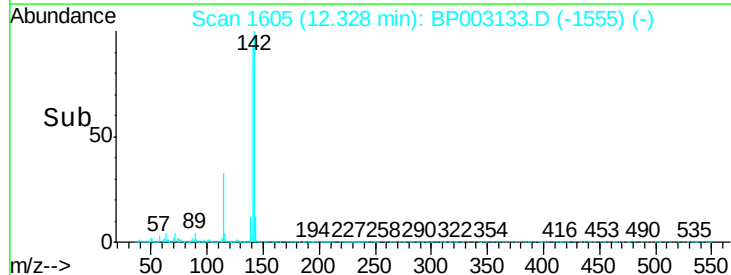
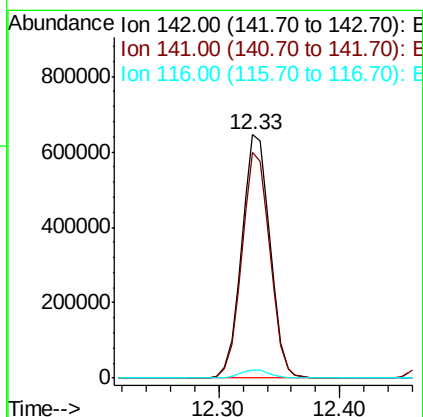
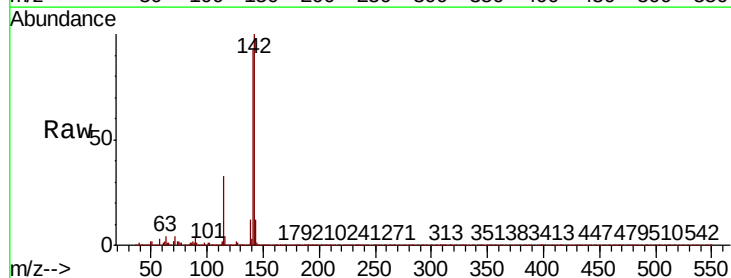
Instrument :
BNA_P
ClientSampleId :
PB131230BS

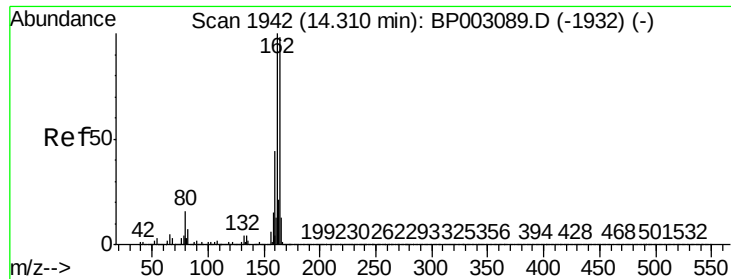
Tot Ion:142 Resp: 1118585
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7
115 31.4 25.2 37.8



#38
1-Methylnaphthalene
Concen: 37.025 ng
RT: 12.33 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:142 Resp: 1052362
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.8
116 3.6 2.8 4.2

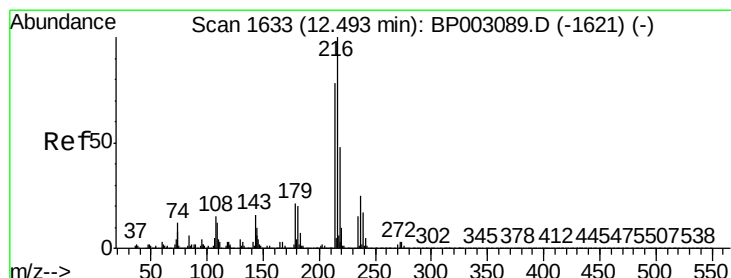
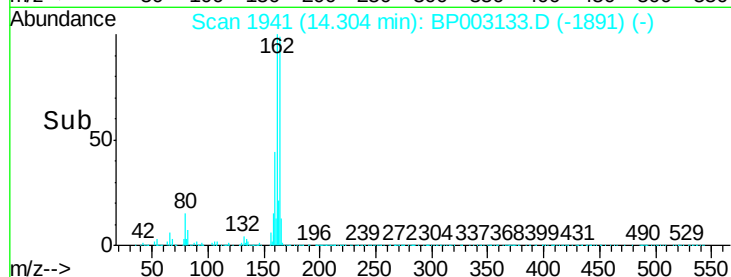
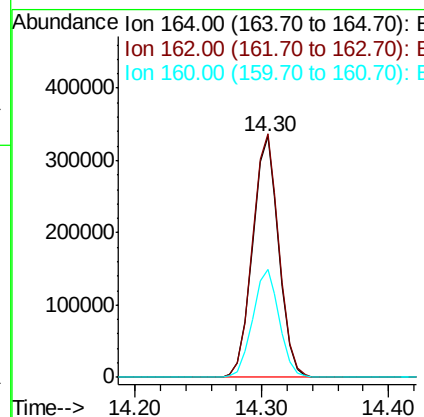
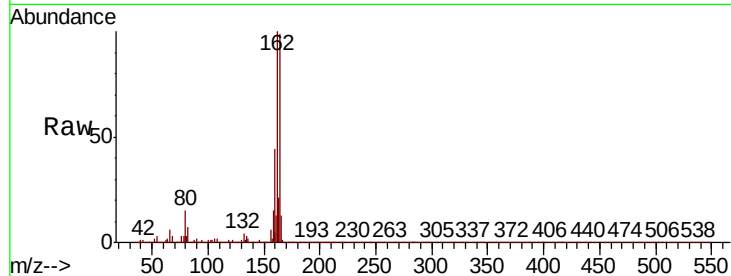




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

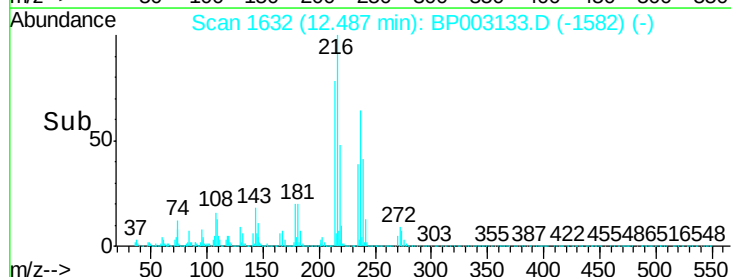
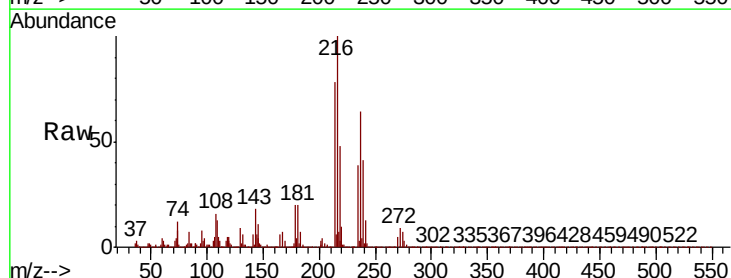
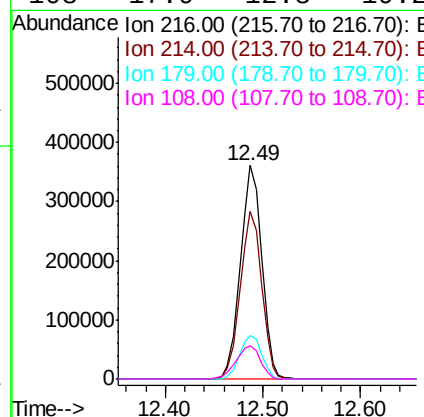
Instrument :
BNA_P
ClientSampleId :
PB131230BS

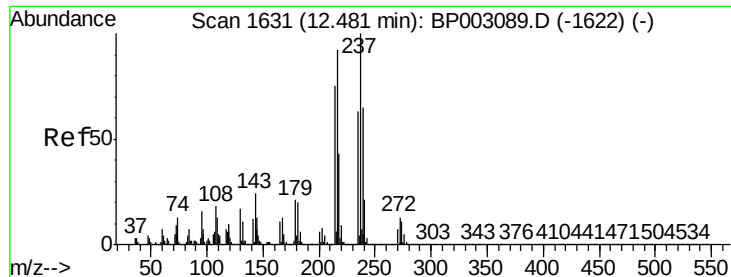
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.2	121.8
160	44.7	36.0	54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.888 ng
RT: 12.49 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.4	93.6
179	21.1	16.9	25.3
108	17.9	12.8	19.2

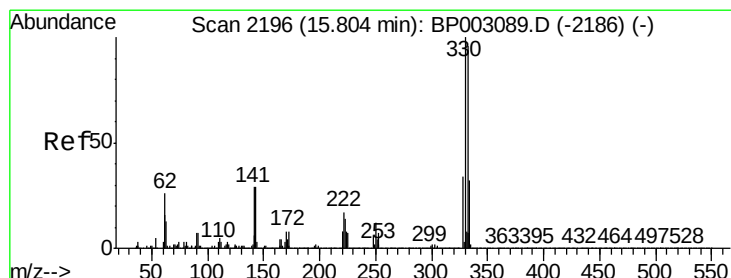
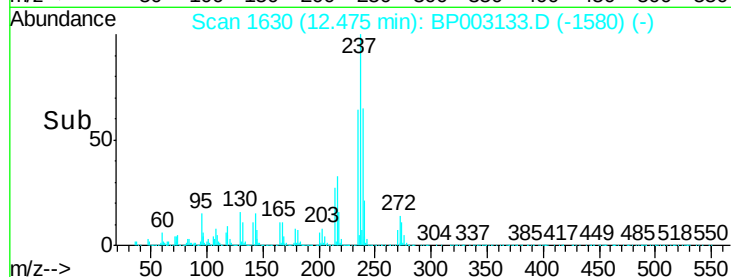
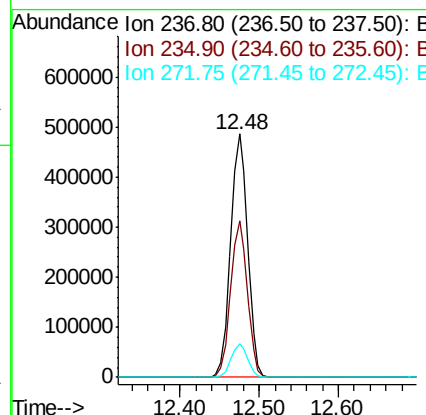
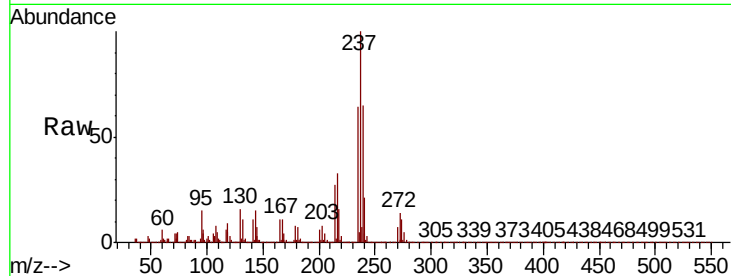




#41
Hexachlorocyclopentadiene
Concen: 107.515 ng
RT: 12.48 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

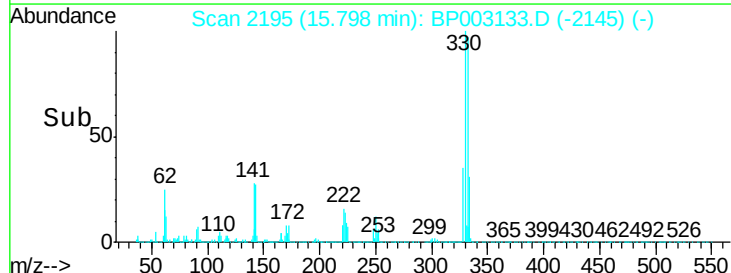
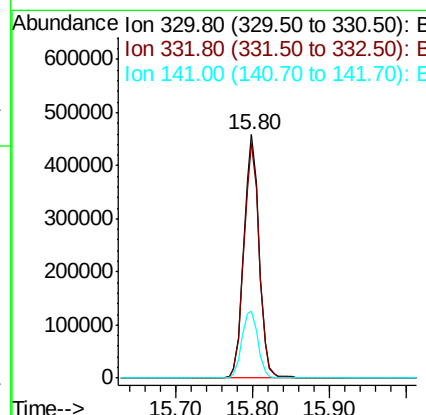
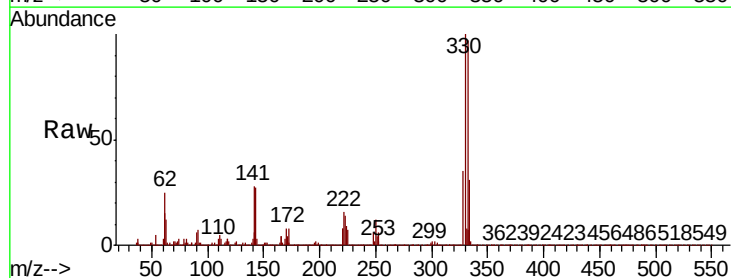
Instrument :
BNA_P
ClientSampleId :
PB131230BS

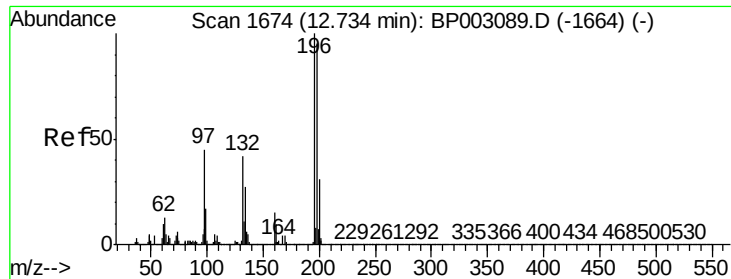
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.5	43.0	83.0
272	13.8	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 98.792 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	29.3	24.4	36.6

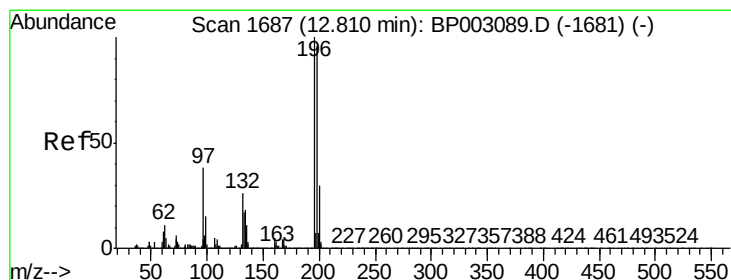
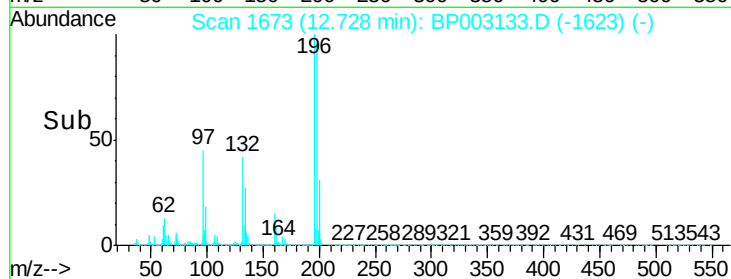
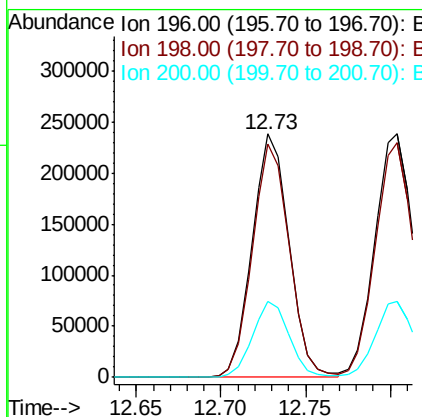
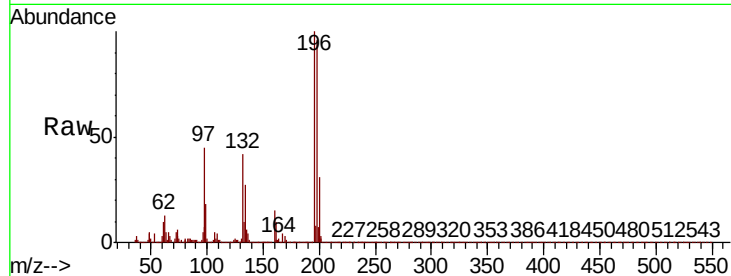




#43
 2,4,6-Trichlorophenol
 Concen: 38.915 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

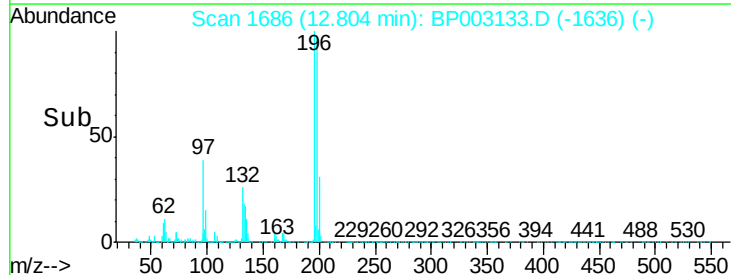
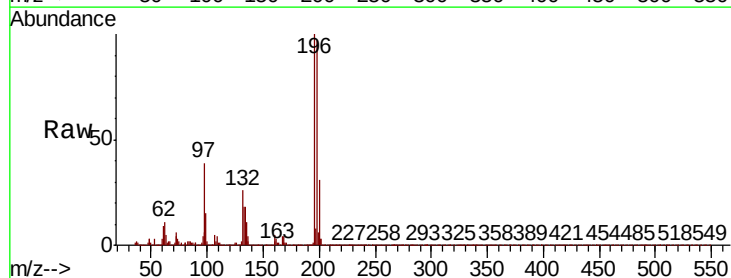
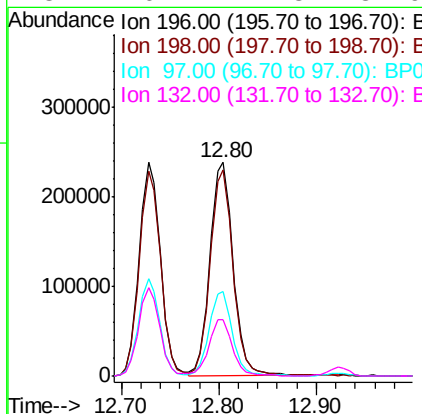
Instrument :
 BNA_P
 ClientSampleId :
 PB131230BS

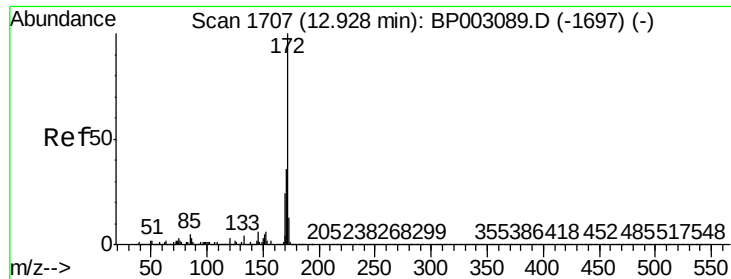
Tot Ion	196	Resp	362145
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.8	113.6
200	31.5	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.720 ng
 RT: 12.80 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

Tgt Ion	196	Resp	390984
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.6	115.0
97	39.5	30.3	45.5
132	26.4	21.3	31.9

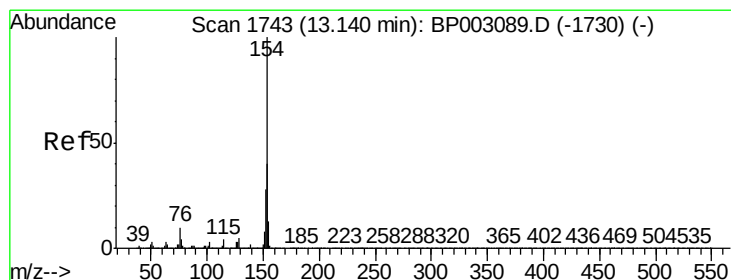
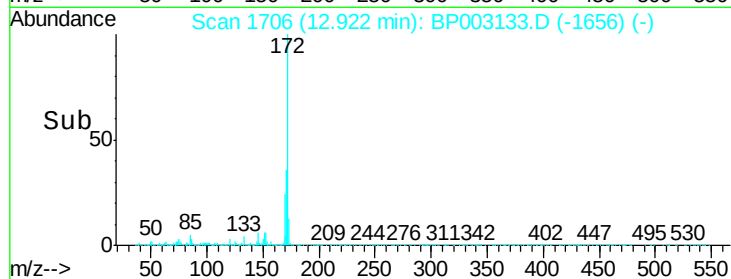
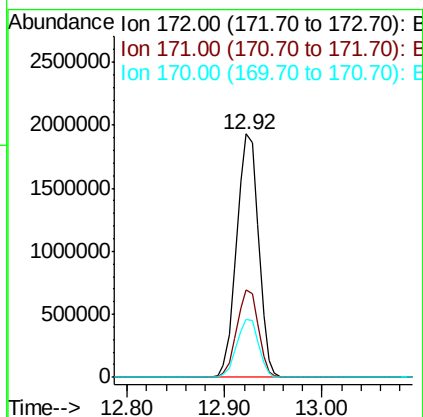
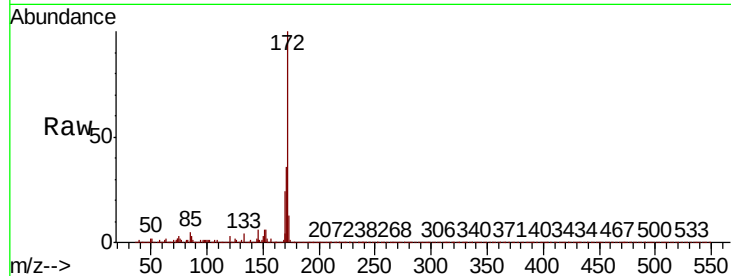




#45
2-Fluorobiphenyl
Concen: 92.718 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

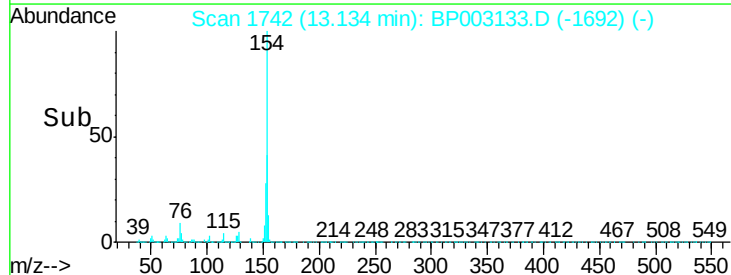
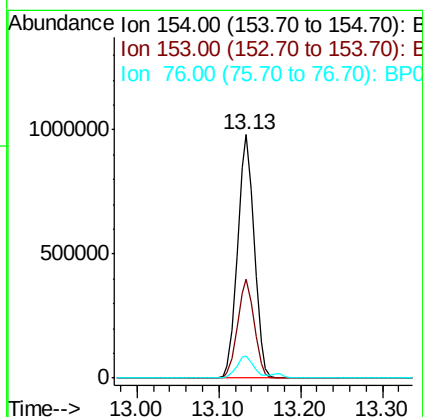
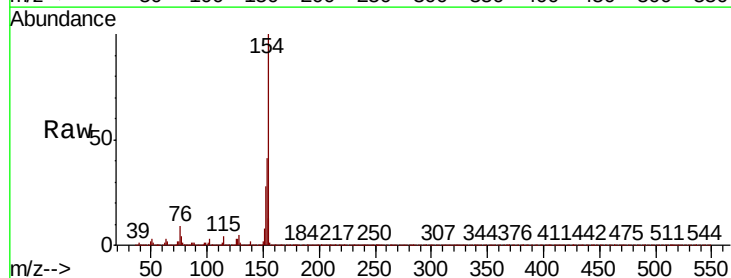
Instrument :
BNA_P
ClientSampleId :
PB131230BS

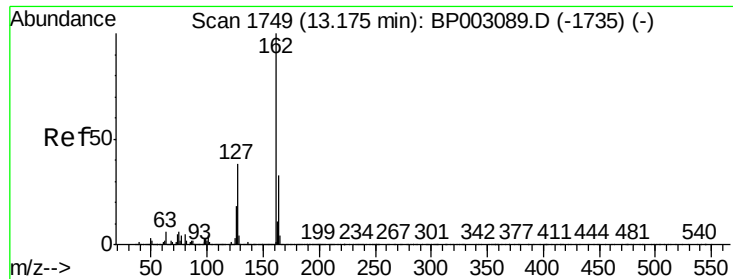
Tot Ion:172 Resp: 3023202
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.893 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:154 Resp: 1393029
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 9.0 0.0 29.7

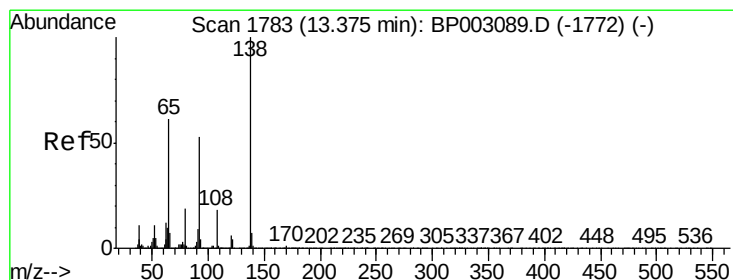
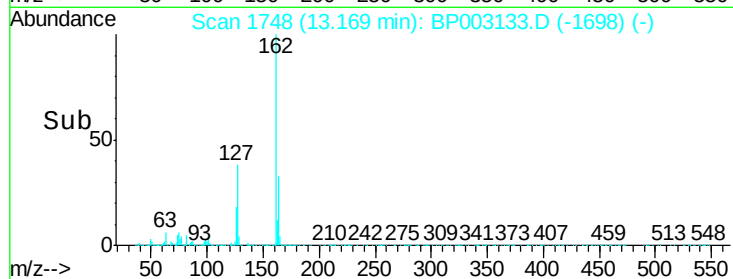
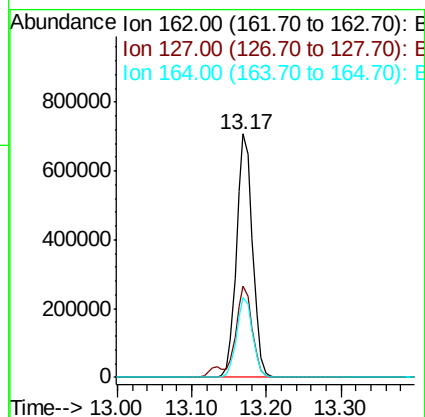
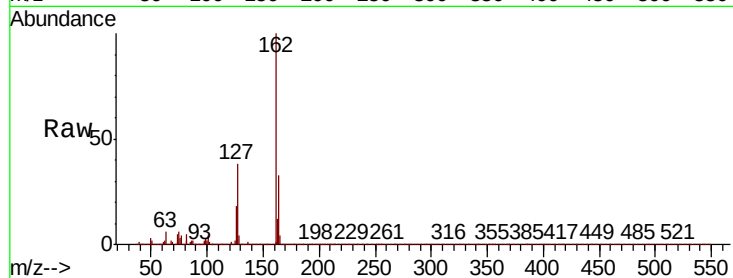




#47
2-Chloronaphthalene
Concen: 36.180 ng
RT: 13.17 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

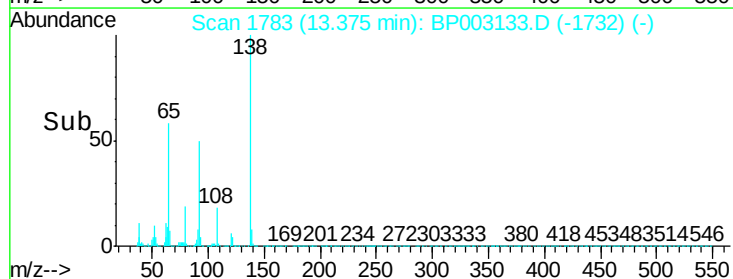
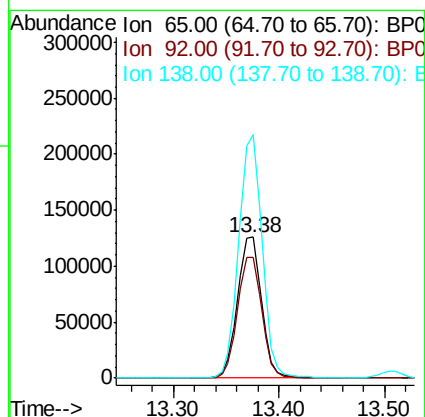
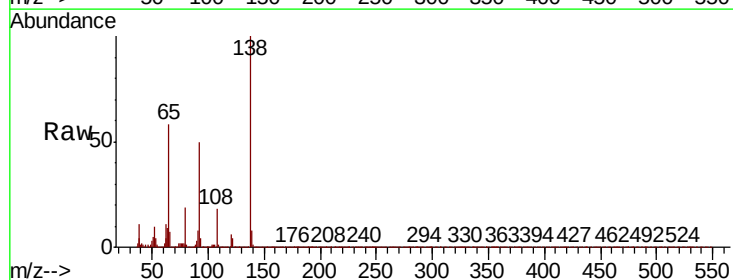
Instrument :
BNA_P
ClientSampleId :
PB131230BS

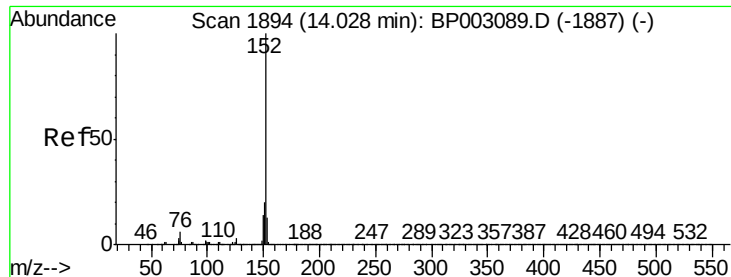
Tot Ion:162 Resp: 1060729
Ion Ratio Lower Upper
162 100
127 37.7 30.6 45.8
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 35.992 ng
RT: 13.38 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion: 65 Resp: 197576
Ion Ratio Lower Upper
65 100
92 85.9 70.2 105.4
138 172.7 131.7 197.5





#49

Acenaphthylene

Concen: 38.126 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

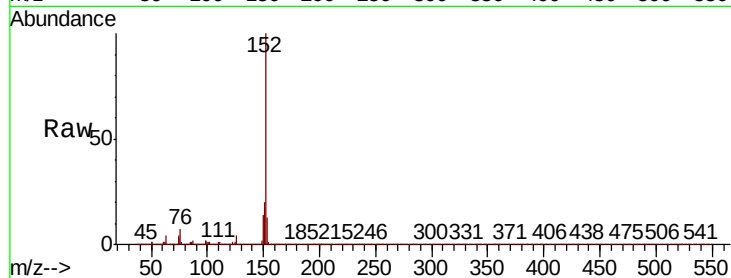
BNA_P

ClientSampleId :

PB131230BS

Tot Ion:152 Resp: 1690203

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	10.5	15.7

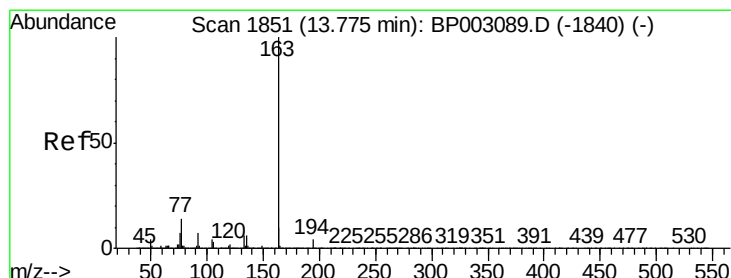
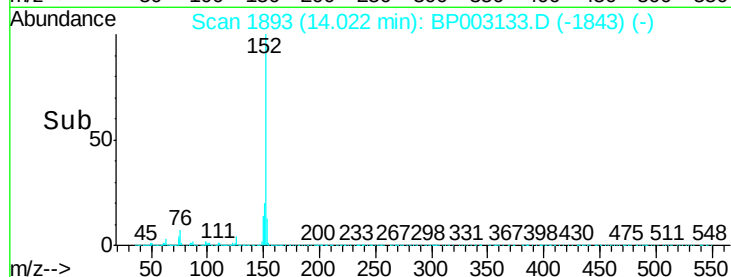
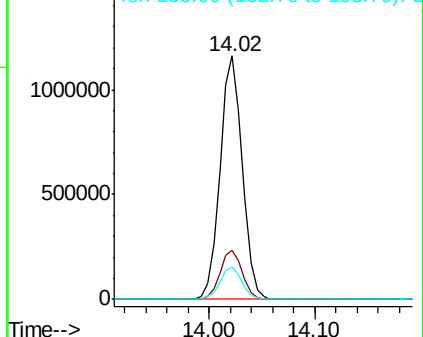


Abundance

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: 35.146 ng

RT: 13.76 min Scan# 1849

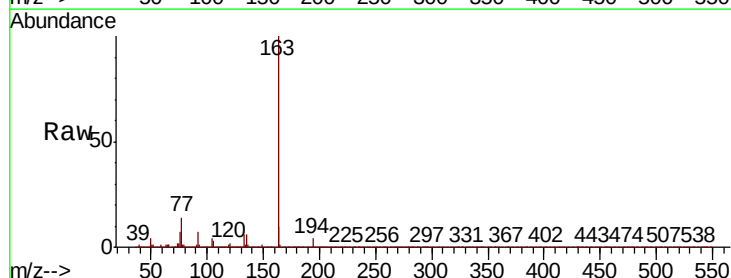
Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion:163 Resp: 1279813

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.1	12.1

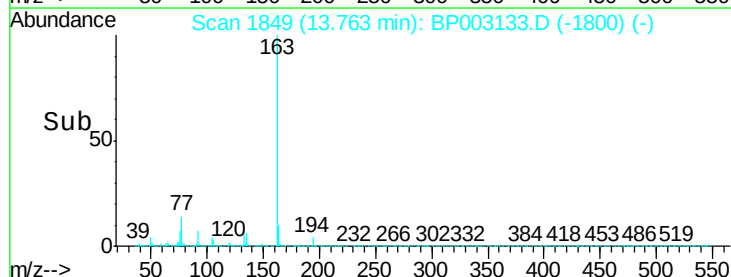
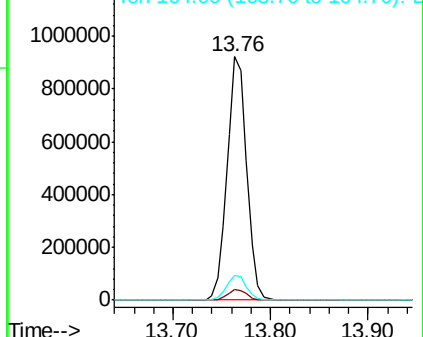


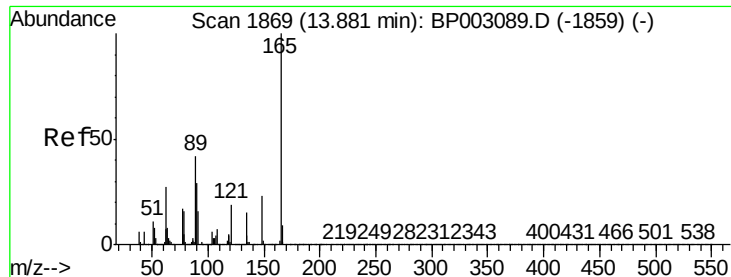
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

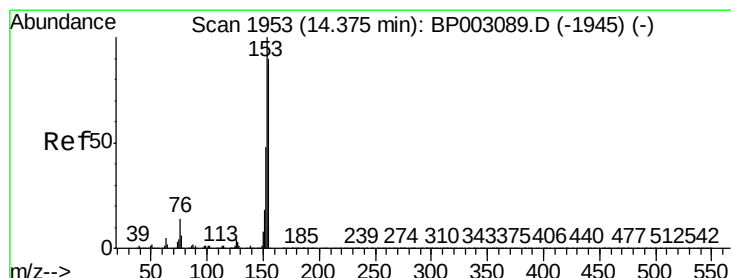
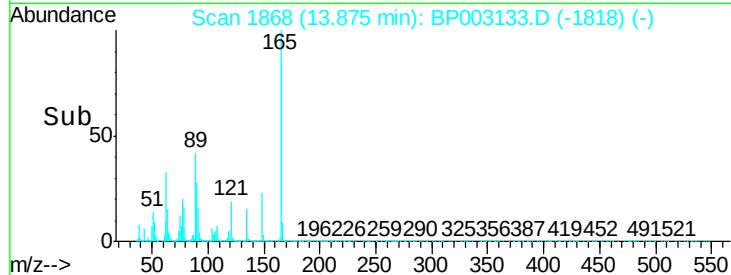
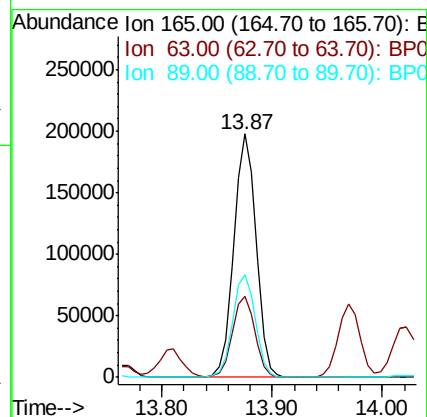
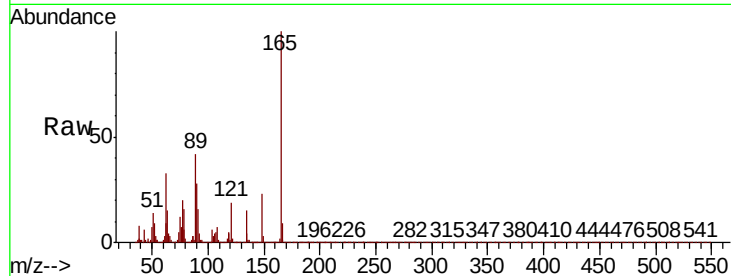




#51
2,6-Dinitrotoluene
Concen: 37.103 ng
RT: 13.87 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

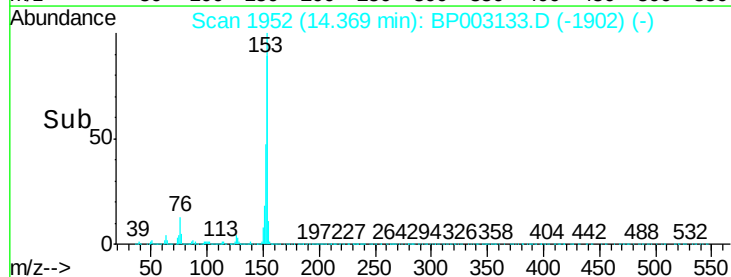
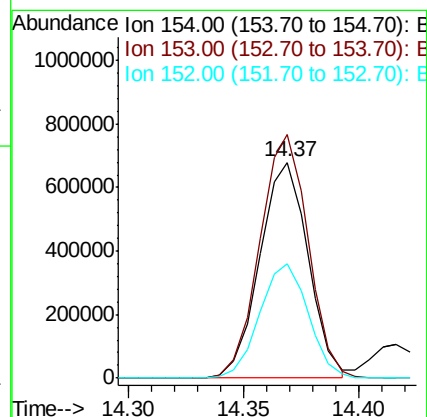
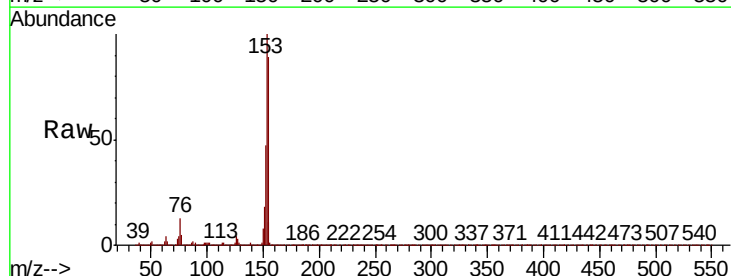
Instrument :
BNA_P
ClientSampleId :
PB131230BS

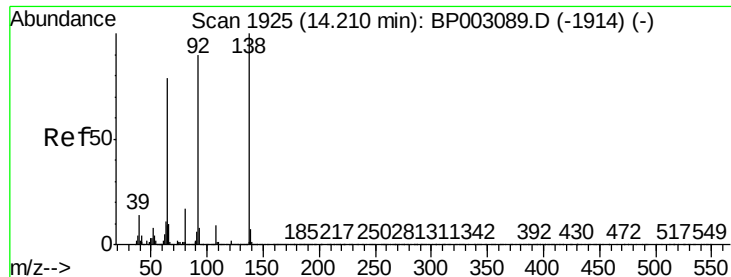
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.3	27.5	41.3
89	42.1	33.6	50.4



#52
Acenaphthene
Concen: 36.240 ng
RT: 14.37 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.2	133.8
152	53.2	42.5	63.7

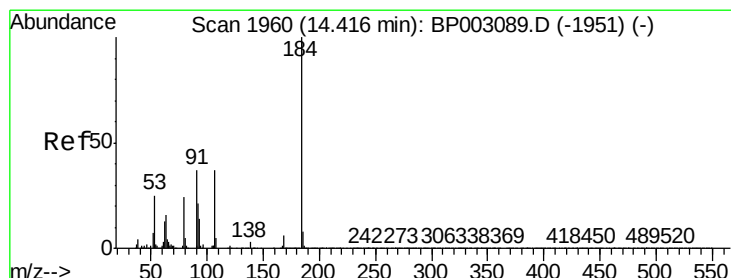
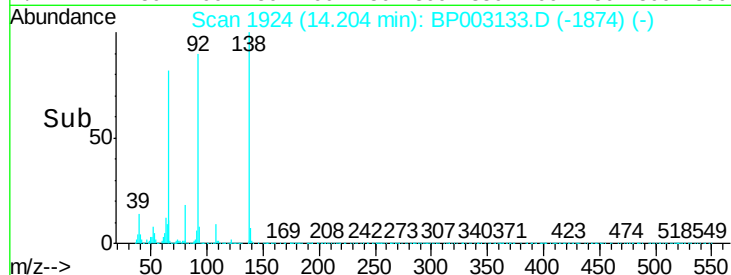
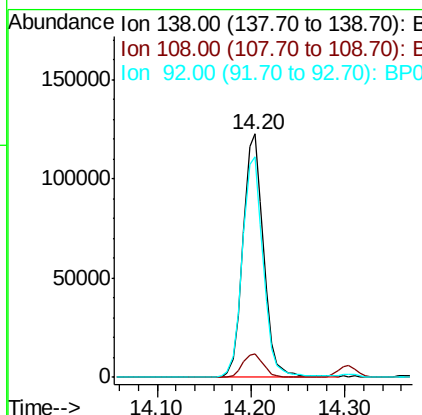
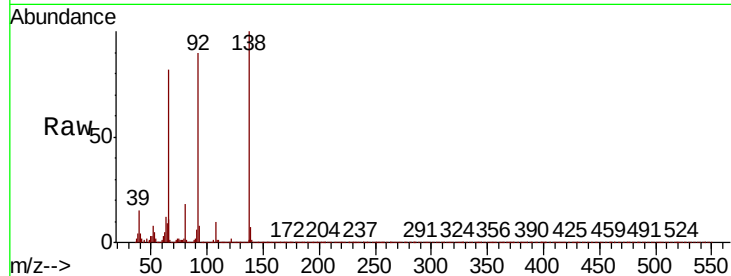




#53
3-Nitroaniline
Concen: 21.646 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

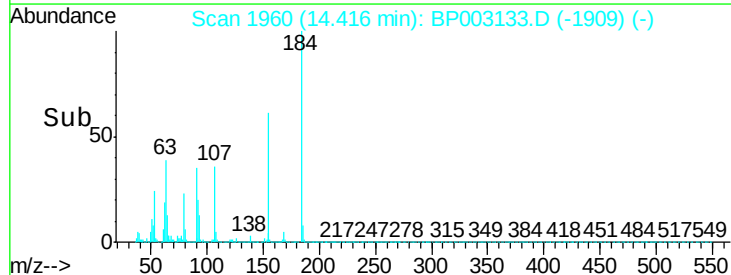
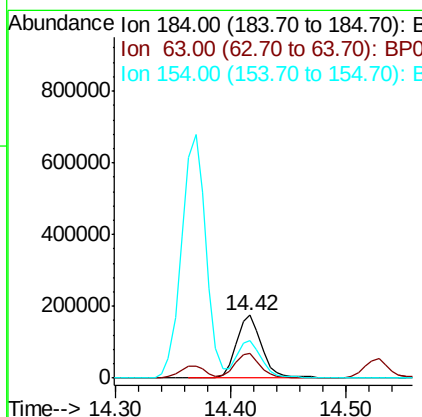
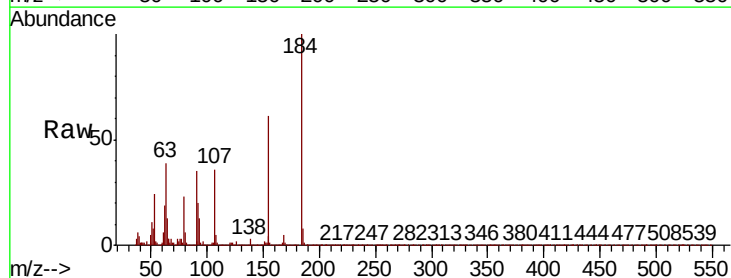
Instrument :
BNA_P
ClientSampleId :
PB131230BS

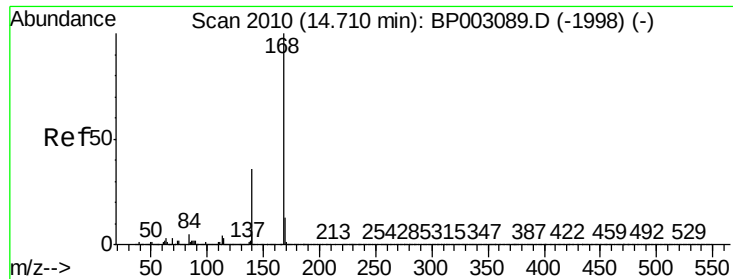
Tot Ion:138 Resp: 185606
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.0
92 90.4 72.2 108.2



#54
2,4-Dinitrophenol
Concen: 66.161 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:184 Resp: 267380
Ion Ratio Lower Upper
184 100
63 39.0 32.0 48.0
154 60.7 48.2 72.2

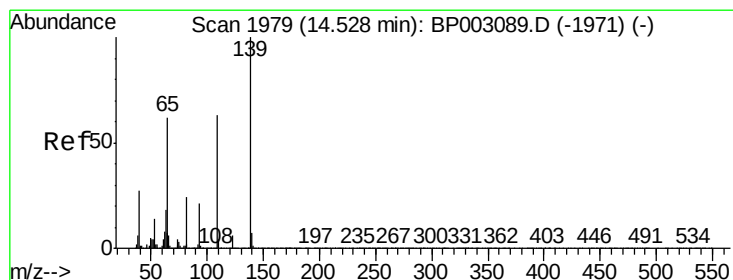
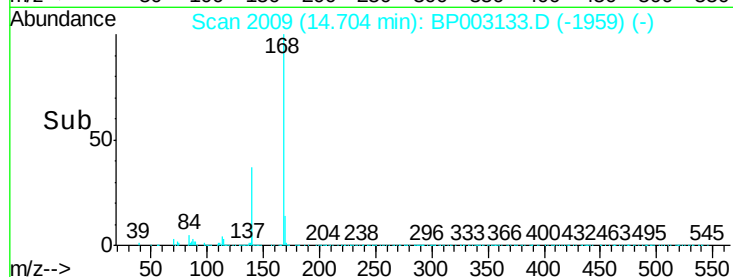
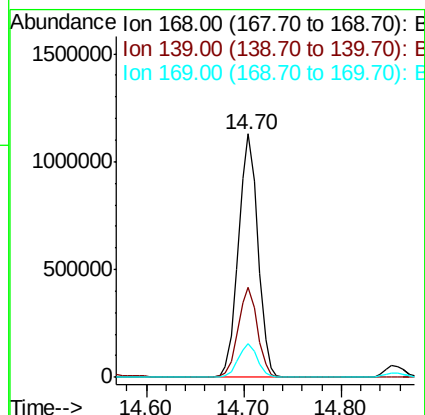
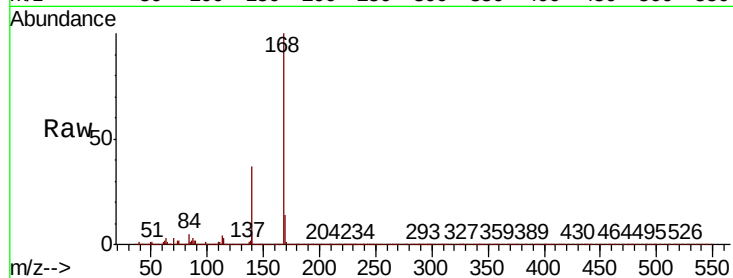




#55
Dibenzenofuran
Concen: 36.597 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

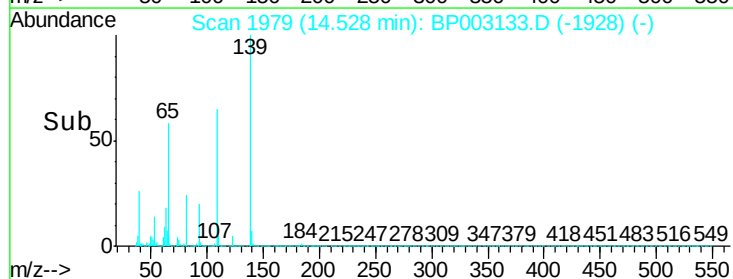
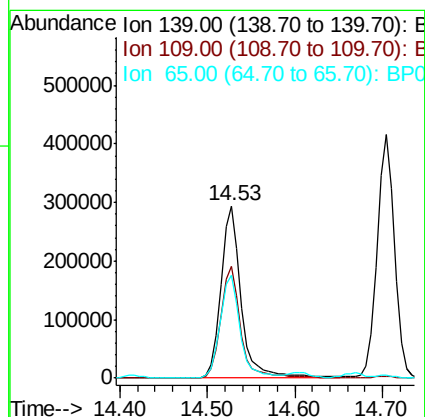
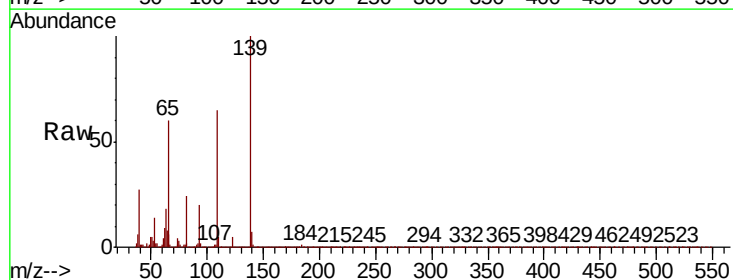
Instrument :
BNA_P
ClientSampleId :
PB131230BS

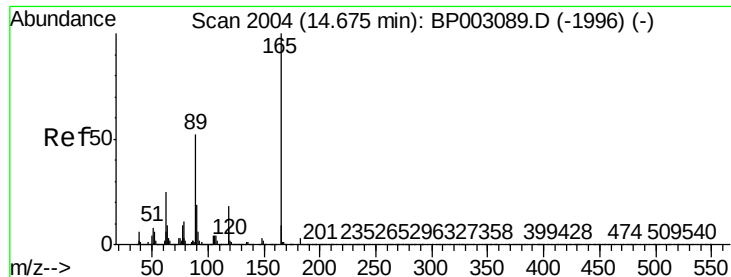
Tot Ion:168 Resp: 1565378
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 76.736 ng
RT: 14.53 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:139 Resp: 473361
Ion Ratio Lower Upper
139 100
109 64.9 42.8 82.8
65 59.9 41.7 81.7

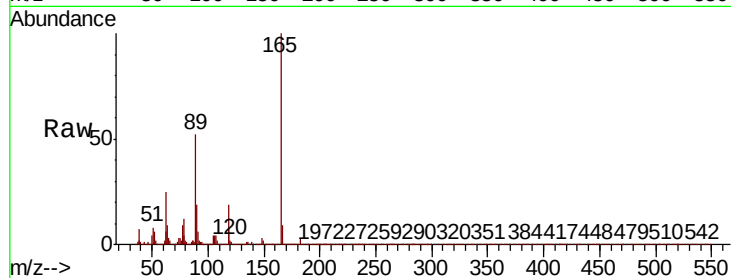




#57
2,4-Dinitrotoluene
Concen: 37.086 ng
RT: 14.67 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Instrument :
BNA_P
ClientSampleId :
PB131230BS

Tot Ion:165	Resp:	377382	
Ion Ratio	Lower	Upper	
165 100			
63 25.2	20.3	30.5	
89 52.1	42.0	63.0	
182 3.1	2.3	3.5	

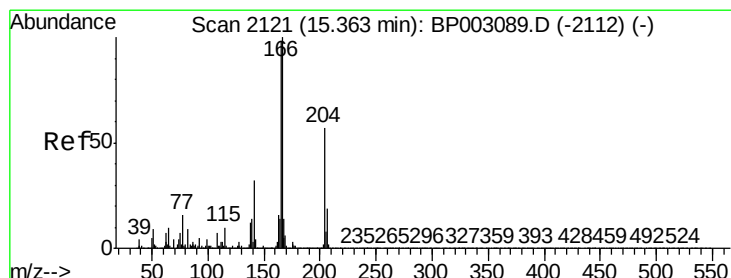
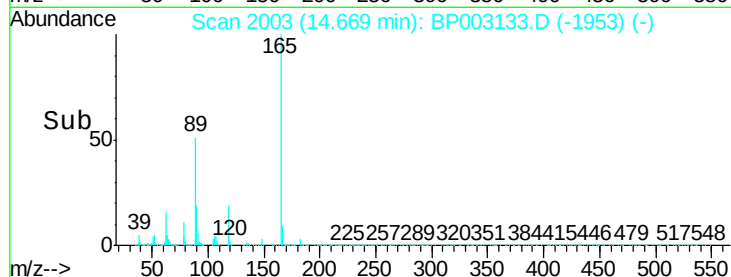
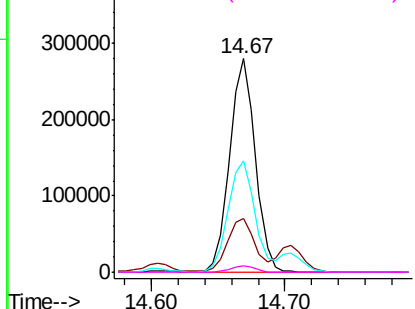


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

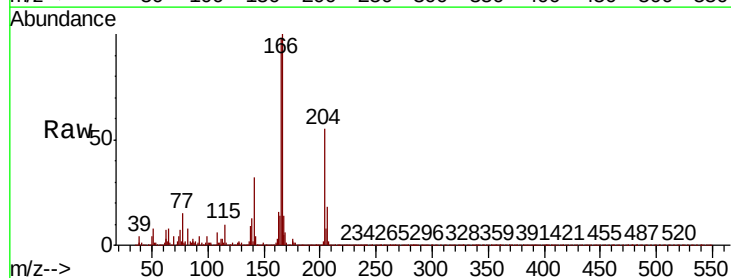
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.076 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

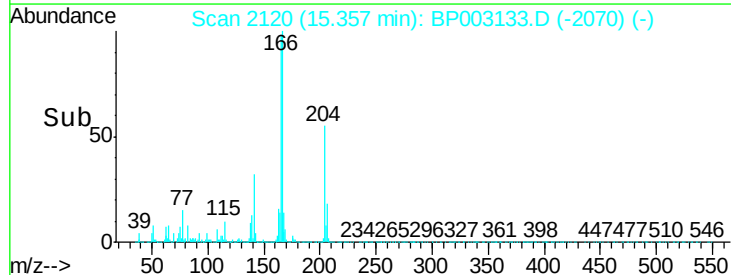
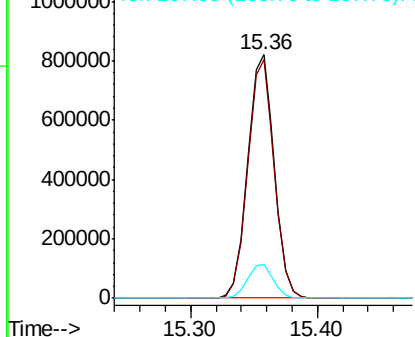
Tgt	Ion:166	Resp:	1188684
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.6	11.0	16.4

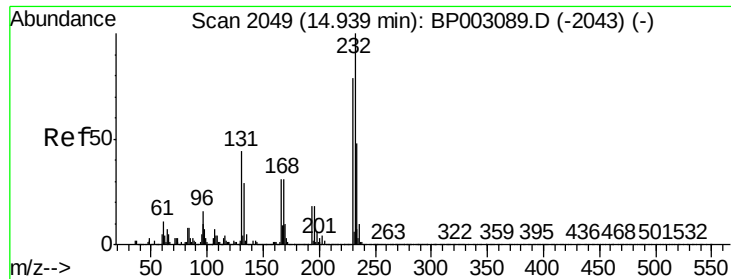


Abundance Ion 166.00 (165.70 to 166.70): E

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: 38.238 ng

RT: 14.93 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

Tot Ion:232 Resp: 340546

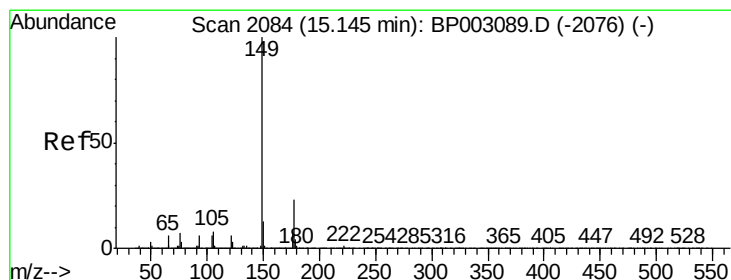
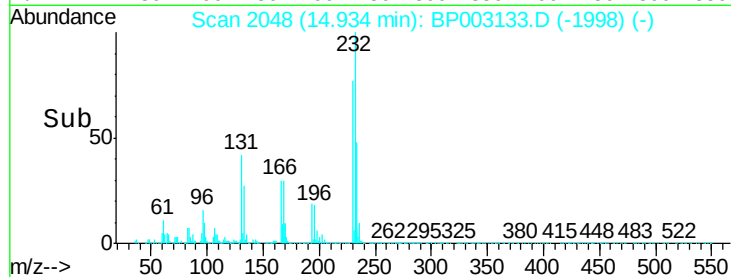
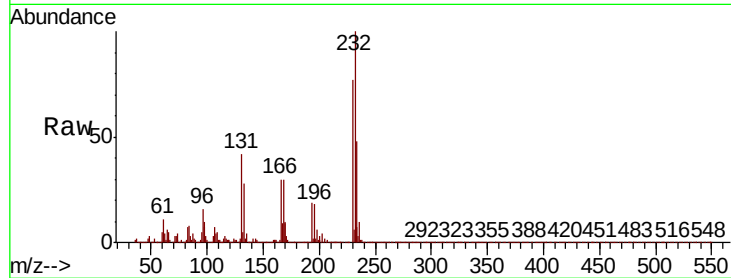
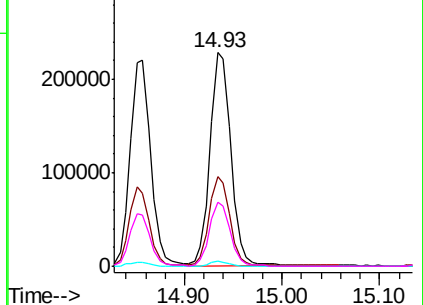
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.3	51.5
130	2.2	1.8	2.6
166	29.6	24.2	36.2

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: 34.652 ng

RT: 15.14 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

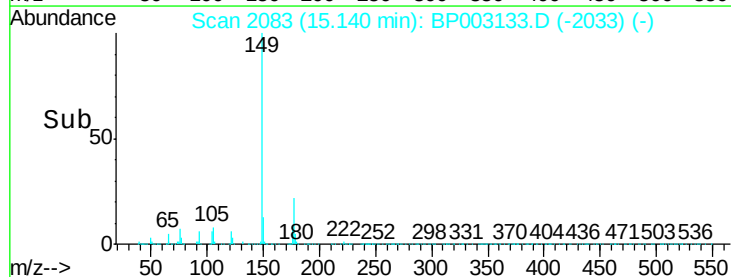
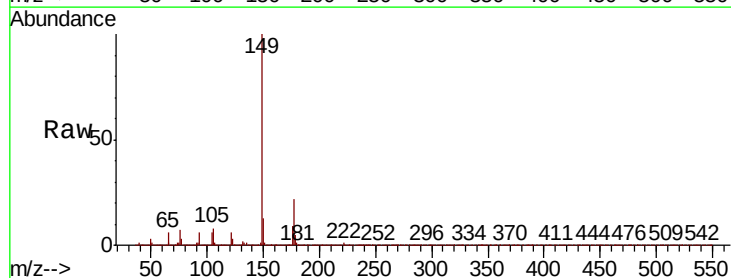
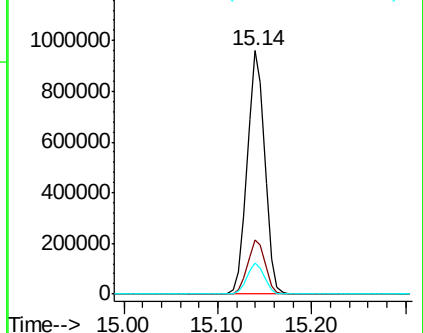
Tgt Ion:149 Resp: 1237957

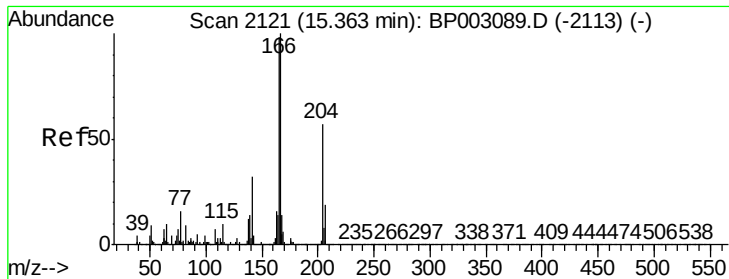
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.1	27.1
150	12.6	10.2	15.4

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

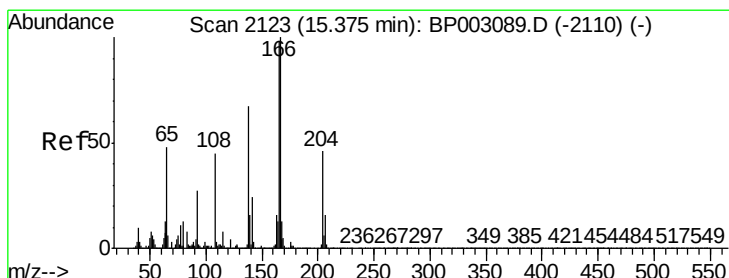
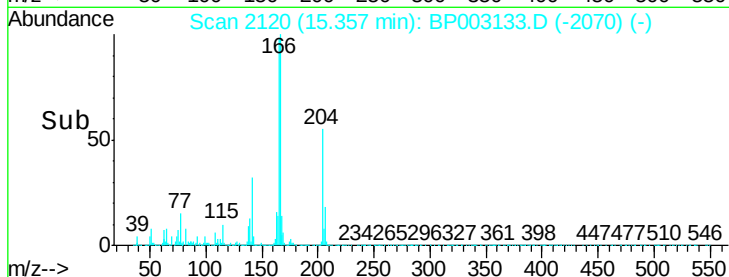
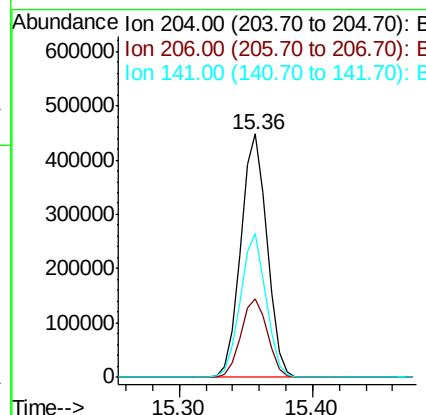
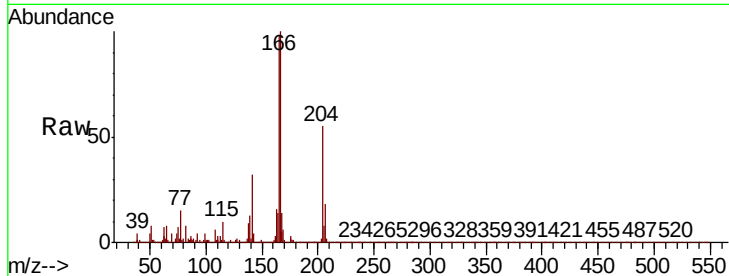




#61
4-Chlorophenyl-phenylether
Concen: 35.812 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

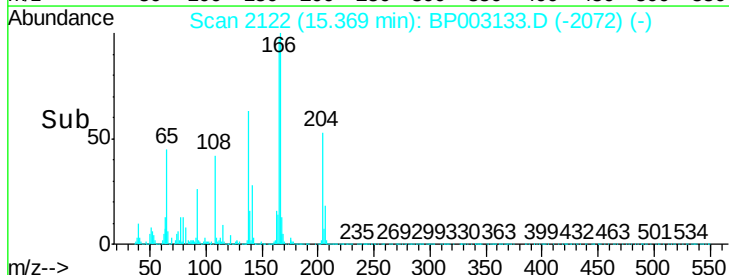
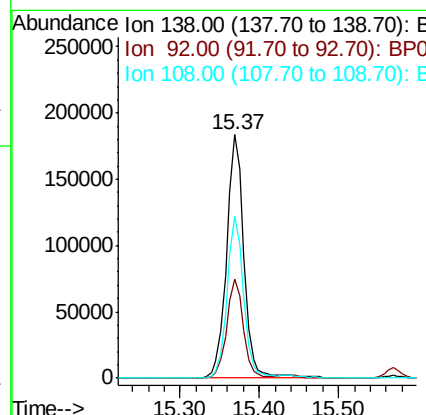
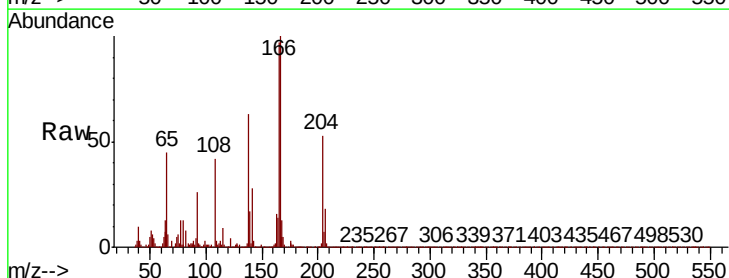
Instrument :
BNA_P
ClientSampleId :
PB131230BS

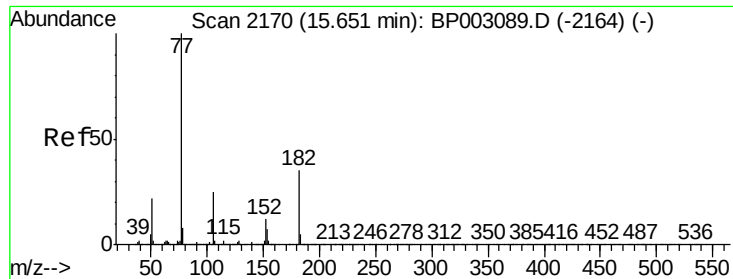
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	58.9	45.5	68.3



#62
4-Nitroaniline
Concen: 31.559 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.5	21.1	61.1
108	66.5	46.6	86.6

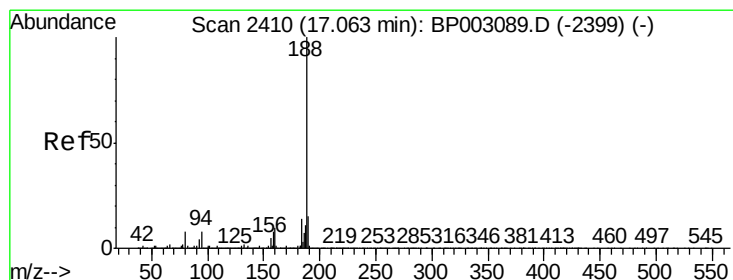
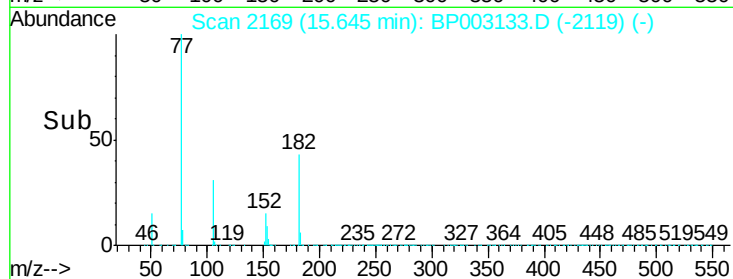
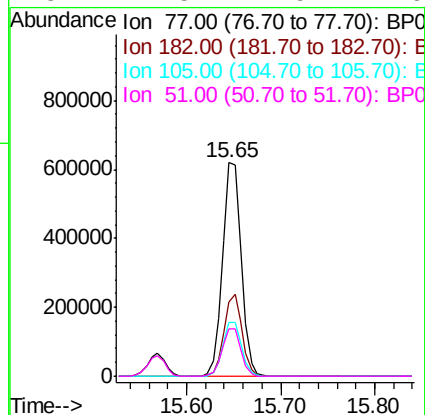
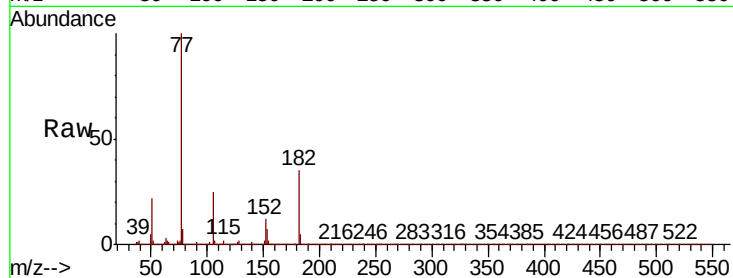




#63
Azobenzene
Concen: 36.241 ng
RT: 15.65 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

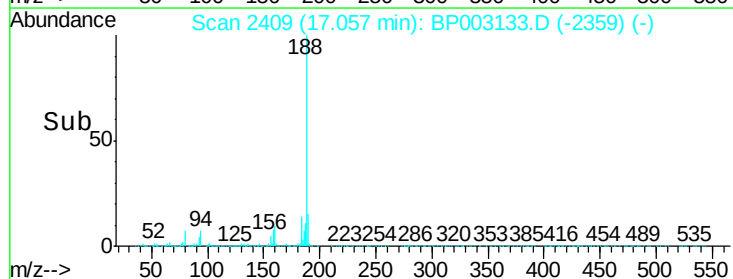
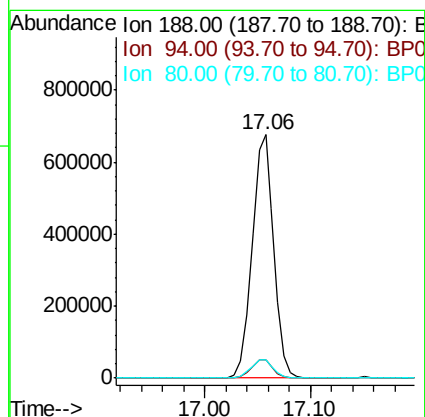
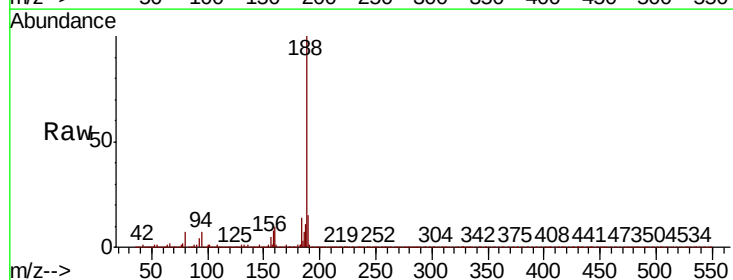
Instrument :
BNA_P
ClientSampleId :
PB131230BS

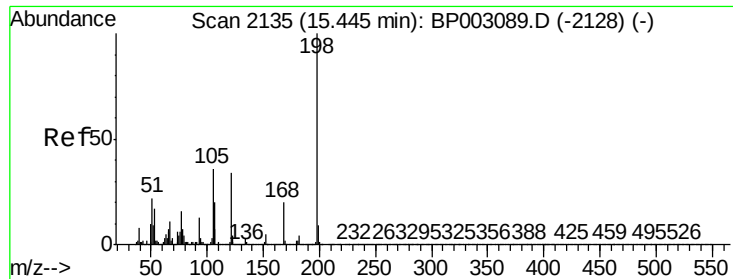
Tot Ion:	77	Resp:	859302
Ion	Ratio	Lower	Upper
77	100		
182	35.1	15.4	55.4
105	25.2	5.1	45.1
51	22.5	1.9	41.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:	188	Resp:	957963
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	7.3	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 41.067 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

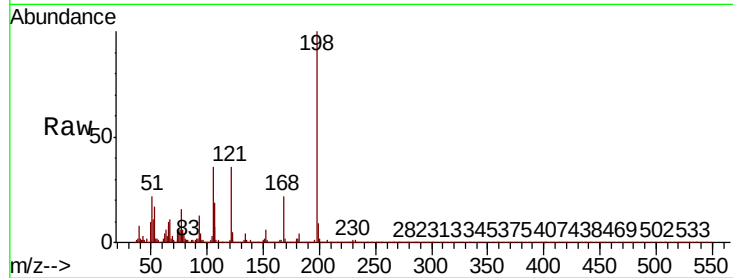
Tot Ion:198 Resp: 188143

Ion	Ratio	Lower	Upper
198	100		
51	22.5	2.4	42.4
105	35.7	16.1	56.1

198 100

51 22.5 2.4 42.4

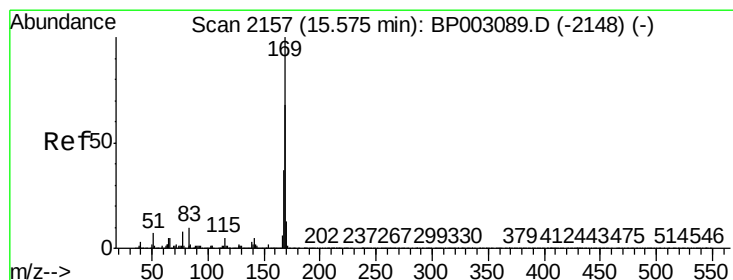
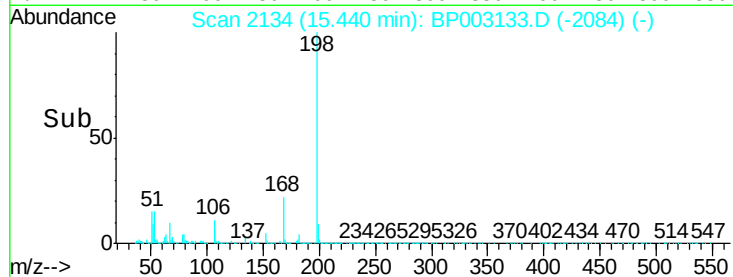
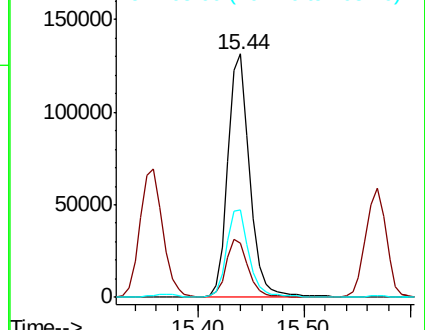
105 35.7 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BPO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.418 ng

RT: 15.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

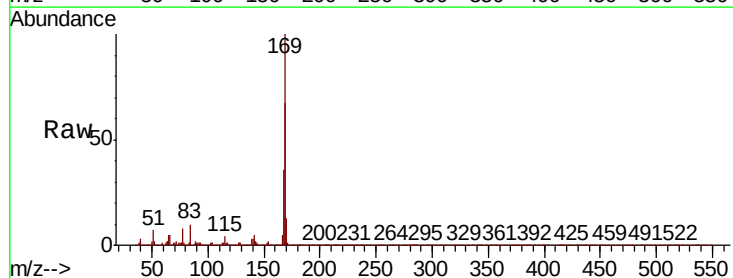
Tgt Ion:169 Resp: 1076127

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.4
167	36.5	29.4	44.2

169 100

168 67.1 54.2 81.4

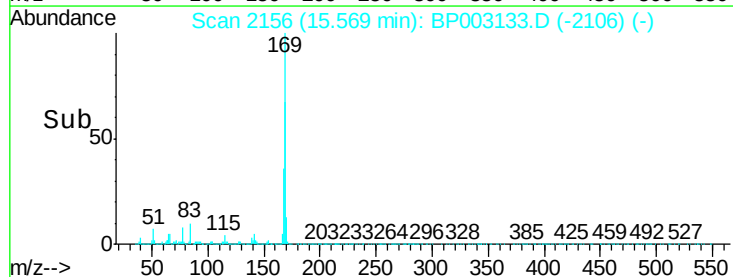
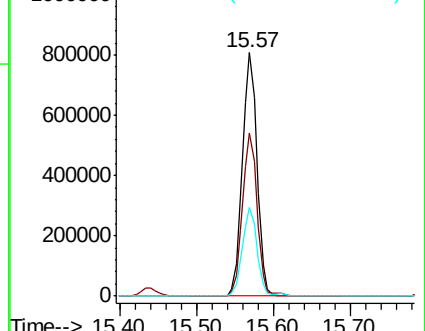
167 36.5 29.4 44.2

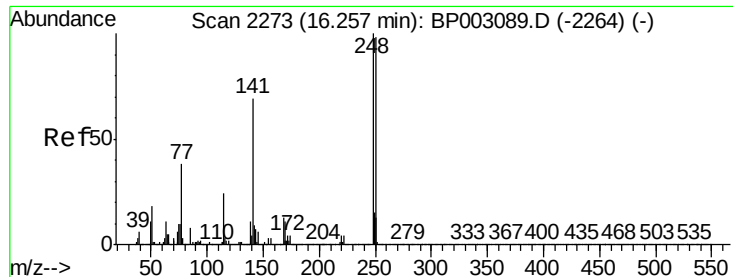


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

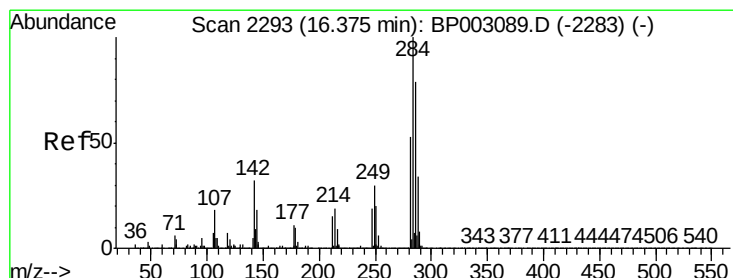
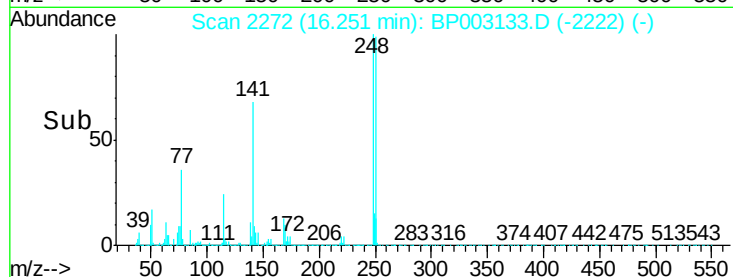
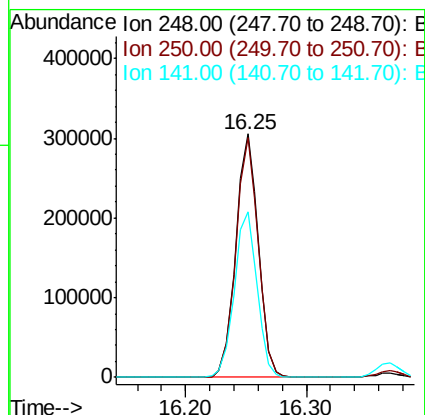
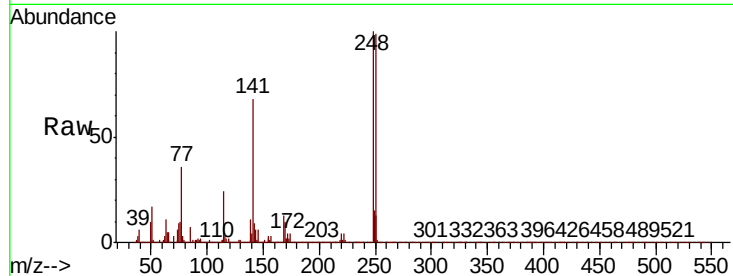




#67
4-Bromophenyl-phenylether
Concen: 37.464 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

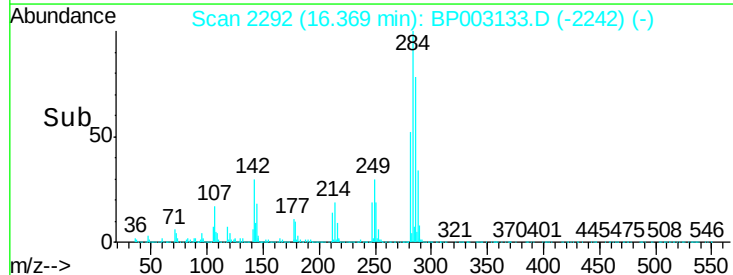
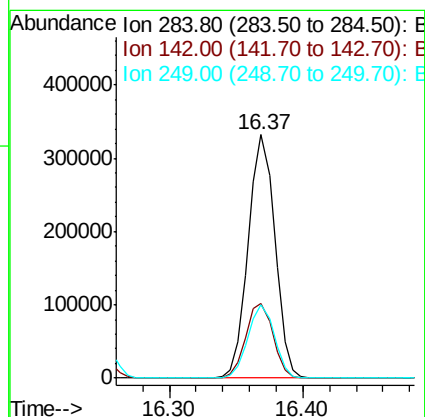
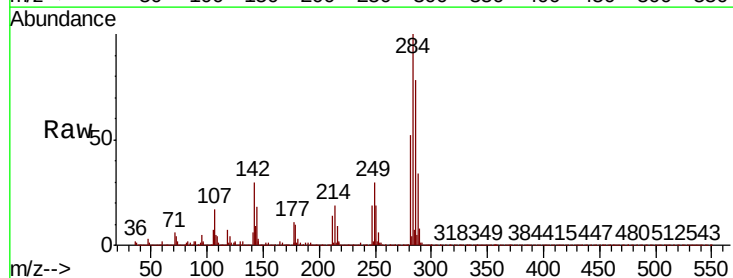
Instrument :
BNA_P
ClientSampleId :
PB131230BS

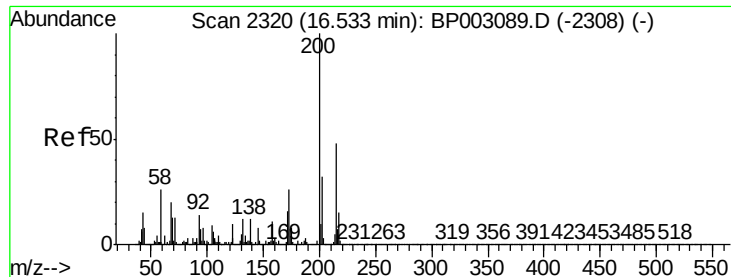
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.3	117.5
141	68.0	54.9	82.3



#68
Hexachlorobenzene
Concen: 36.359 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	25.8	38.6
249	30.1	24.3	36.5





#69

Atrazine

Concen: 34.487 ng

RT: 16.53 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

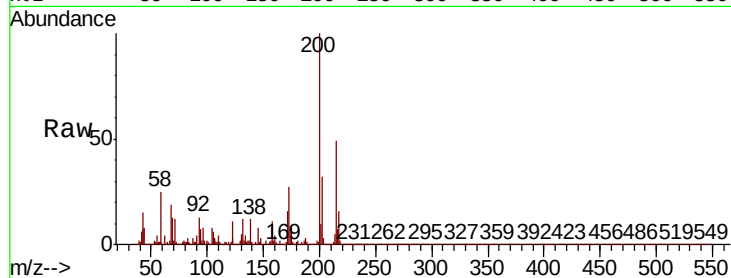
Tot Ion:200 Resp: 325809

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

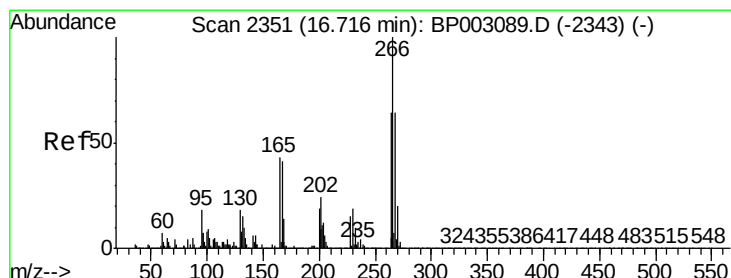
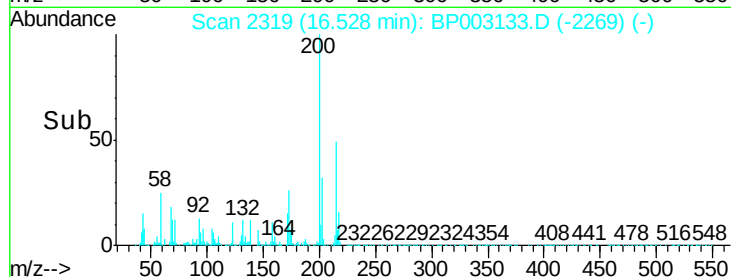
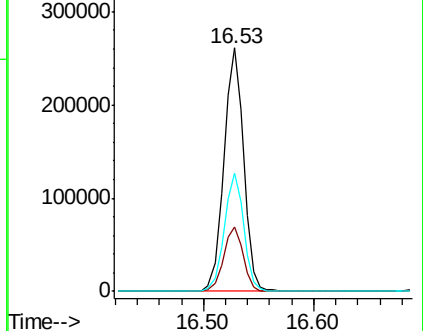
215 48.8 27.9 67.9



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: 89.073 ng

RT: 16.71 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

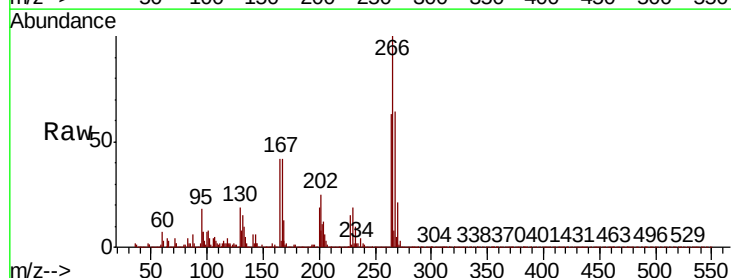
Tgt Ion:266 Resp: 536153

Ion Ratio Lower Upper

266 100

268 64.2 51.3 76.9

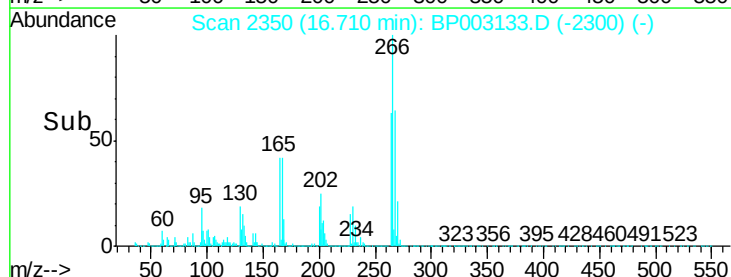
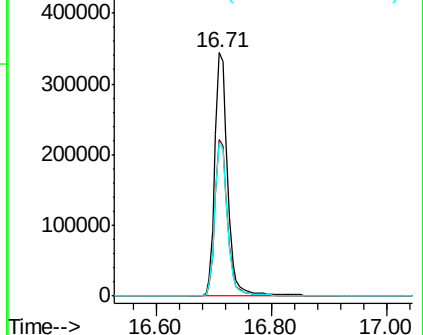
264 62.7 51.0 76.6

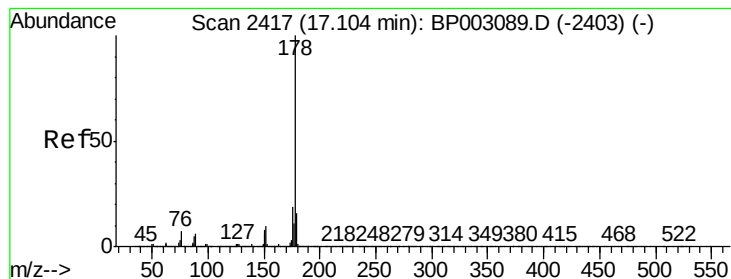


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.023 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

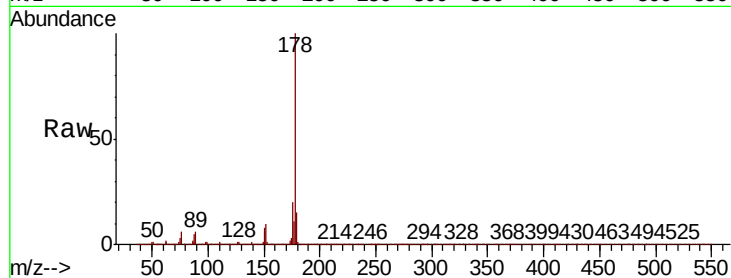
Tot Ion:178 Resp: 1869882

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

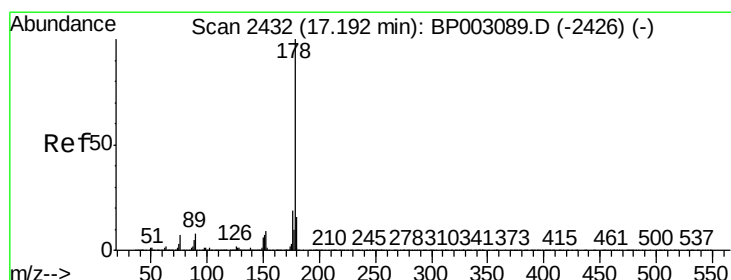
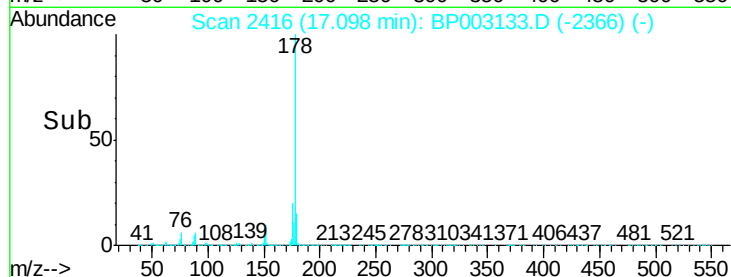
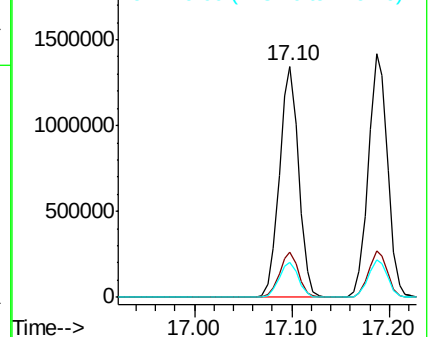
179 15.3 12.4 18.6



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: 38.837 ng

RT: 17.19 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

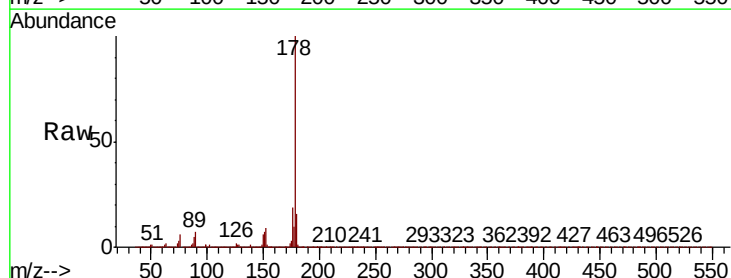
Tgt Ion:178 Resp: 1929373

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

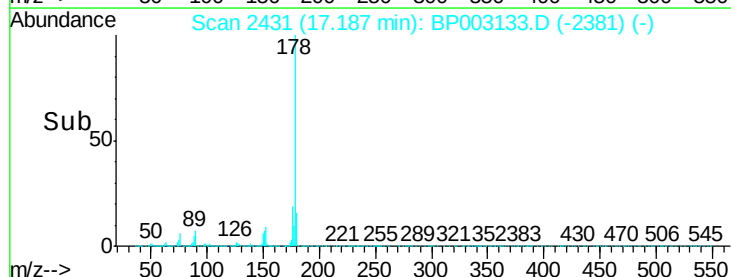
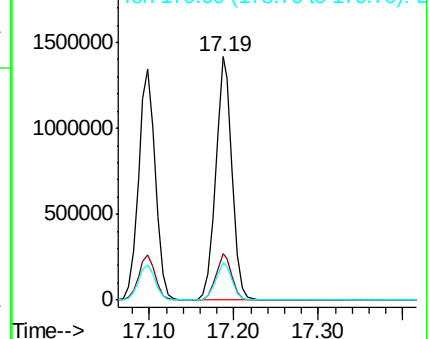
179 15.6 12.6 19.0

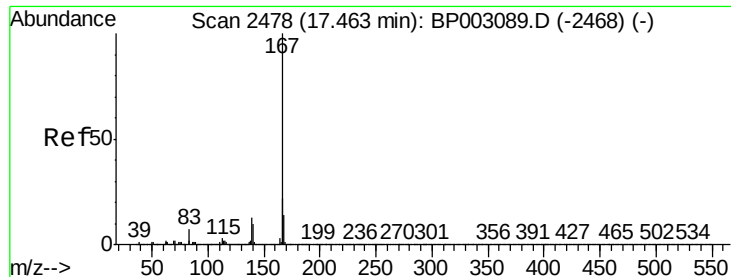


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



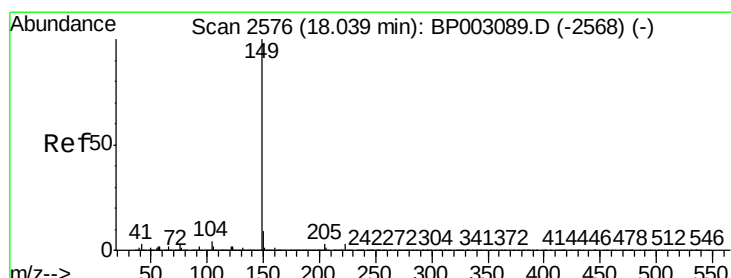
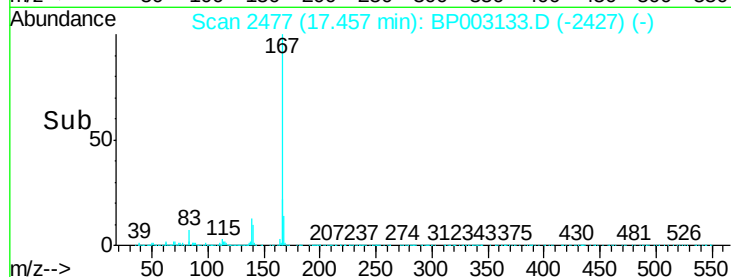
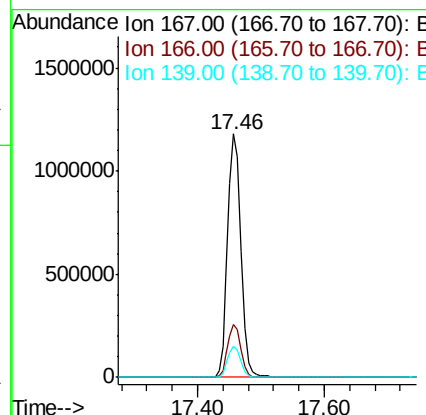
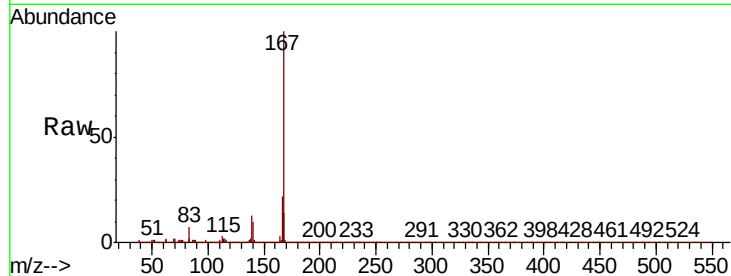


#73
 Carbazole
 Concen: 36.085 ng
 RT: 17.46 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BS

Tot Ion:167 Resp: 1720468

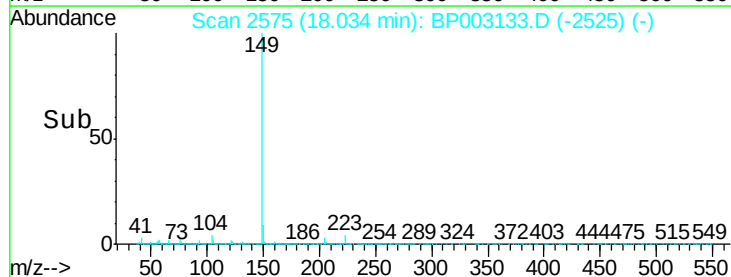
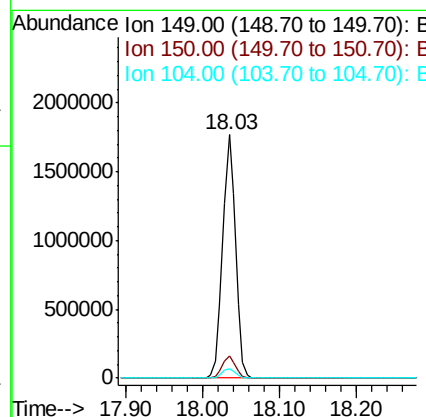
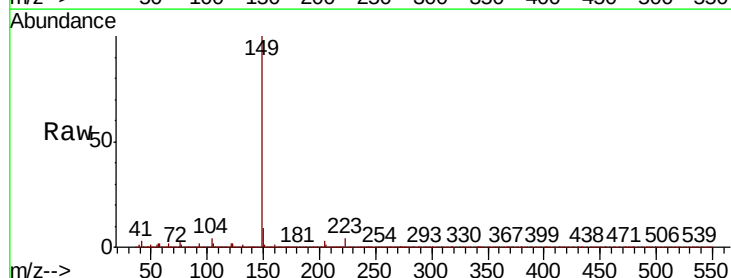
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.8	10.3	15.5

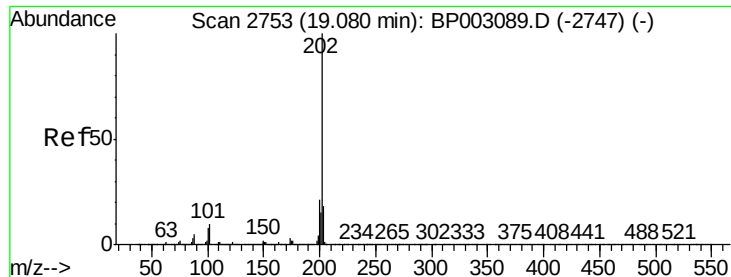


#74
 Di-n-butylphthalate
 Concen: 36.250 ng
 RT: 18.03 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

Tgt Ion:149 Resp: 2031714

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.1	3.3	4.9





#75

Fluoranthene

Concen: 35.177 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

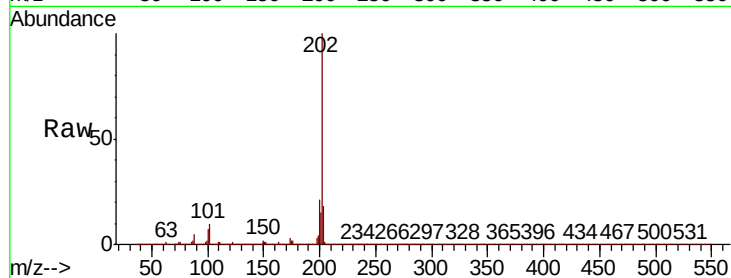
BNA_P

ClientSampleId :

PB131230BS

Tot Ion:202 Resp: 2110438

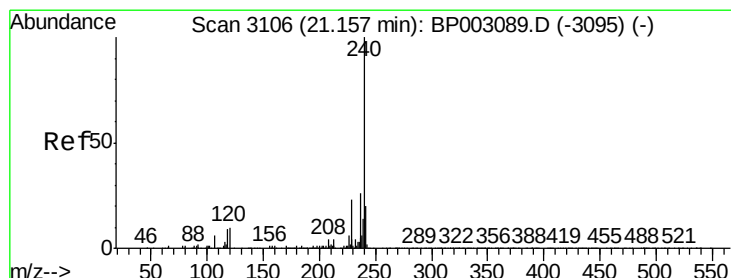
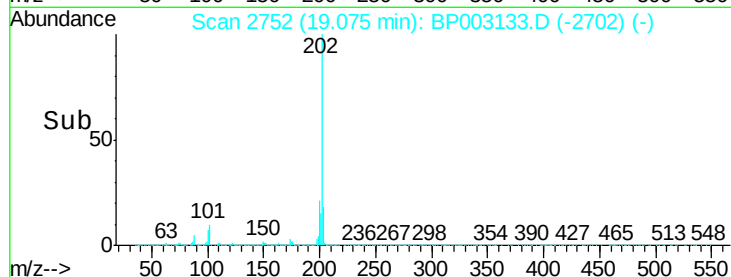
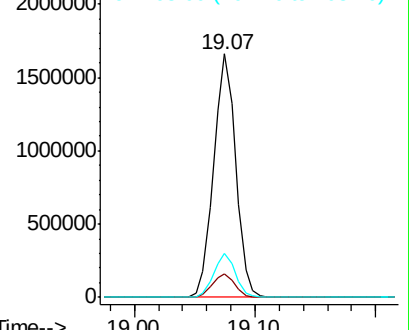
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
203	18.0	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

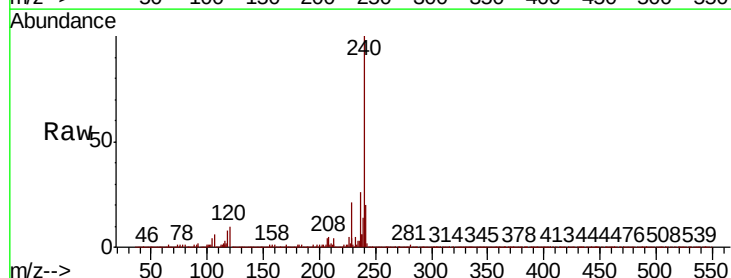
Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion:240 Resp: 883328

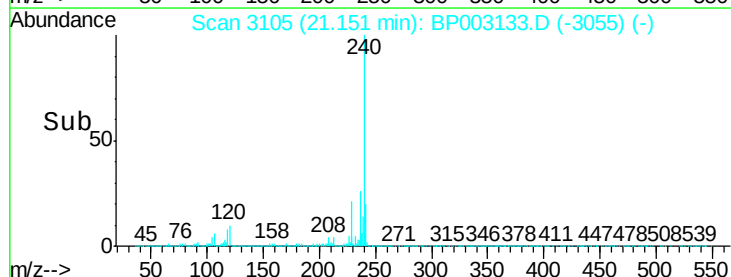
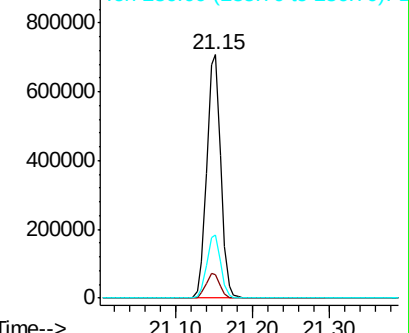
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	25.9	20.6	31.0

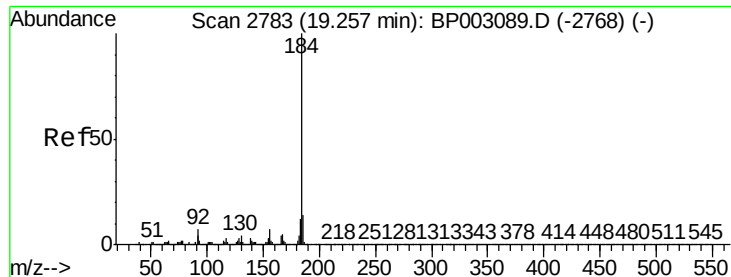


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.215 ng

RT: 19.25 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

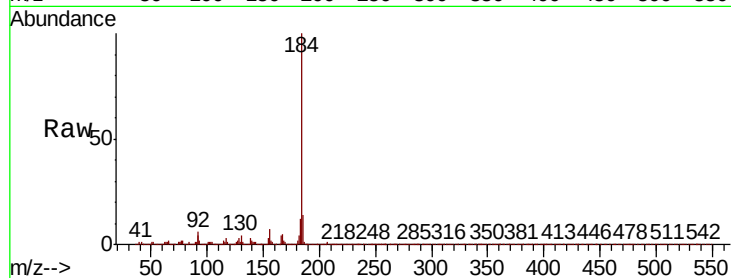
BNA_P

ClientSampleId :

PB131230BS

Tot Ion:184 Resp: 1074334

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	12.0	9.4	14.2

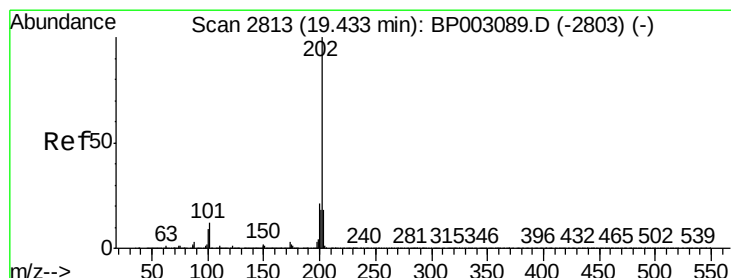
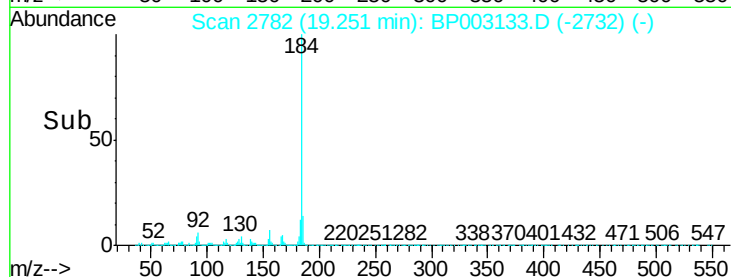
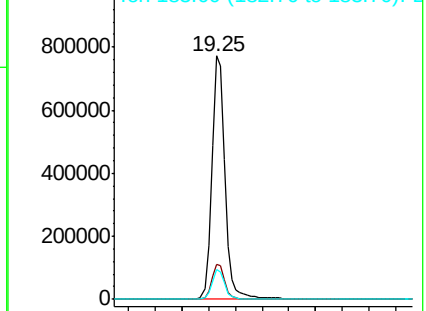


Abundance

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: 37.383 ng

RT: 19.43 min Scan# 2812

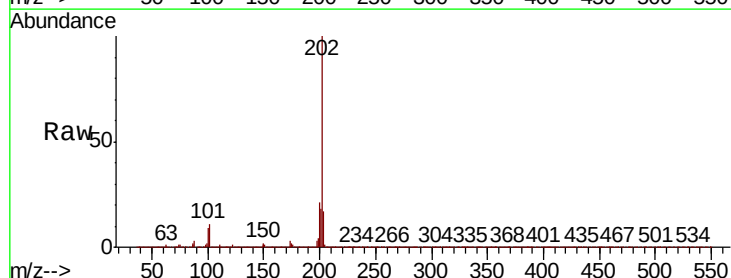
Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion:202 Resp: 2143195

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.5	14.0	21.0

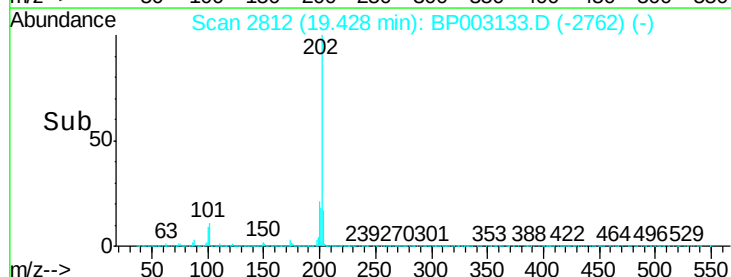
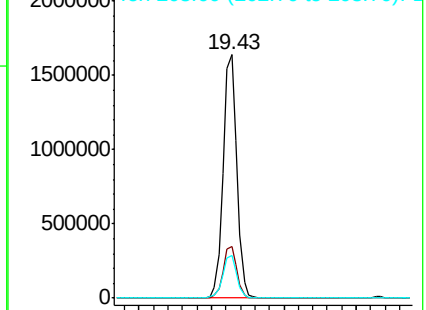


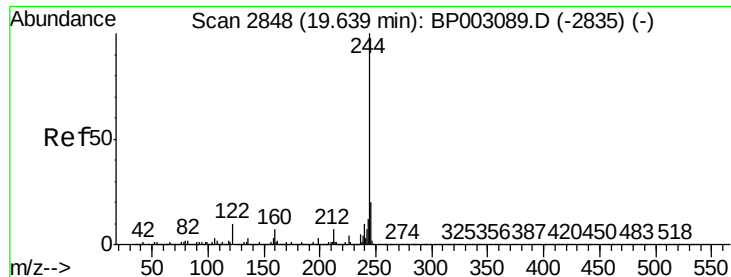
Abundance

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: 79.124 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

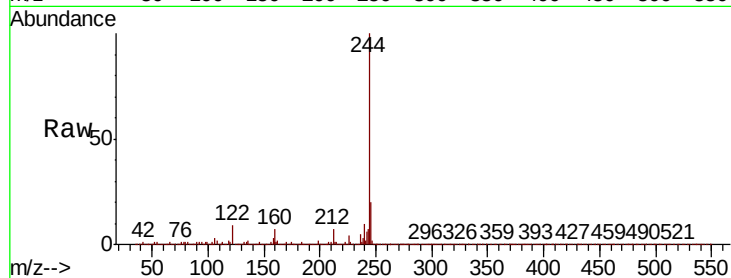
Tot Ion:244 Resp: 3176296

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

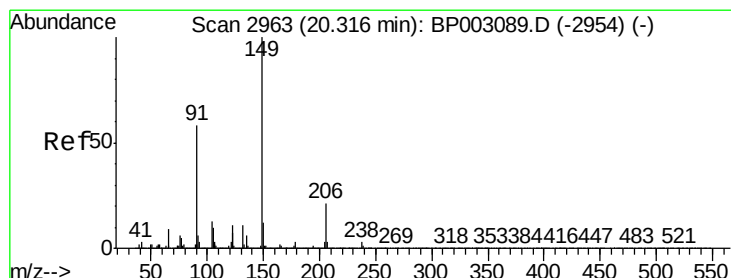
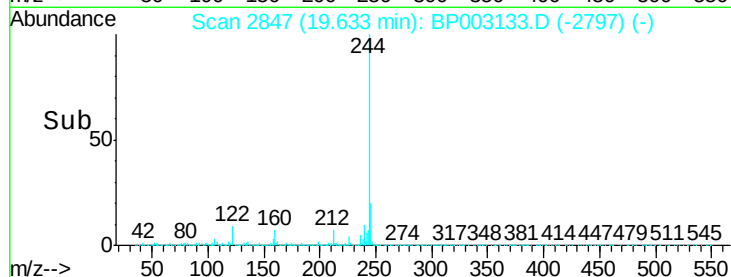
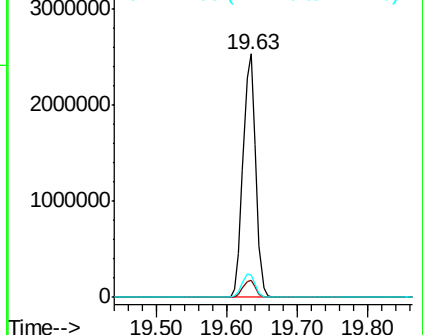
122 9.2 7.7 11.5



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: 37.366 ng

RT: 20.31 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

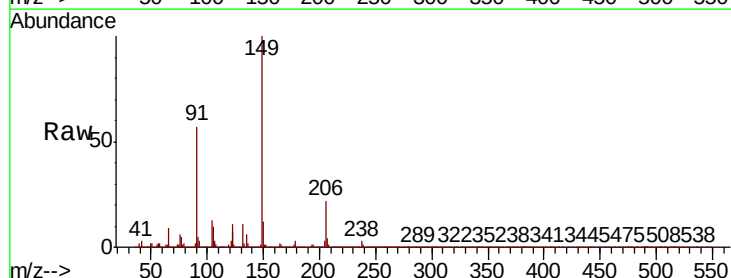
Tgt Ion:149 Resp: 882026

Ion Ratio Lower Upper

149 100

91 57.0 46.8 70.2

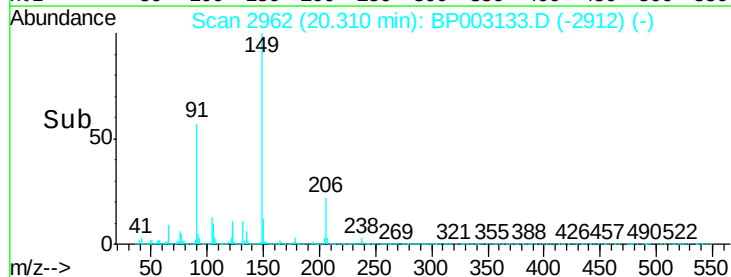
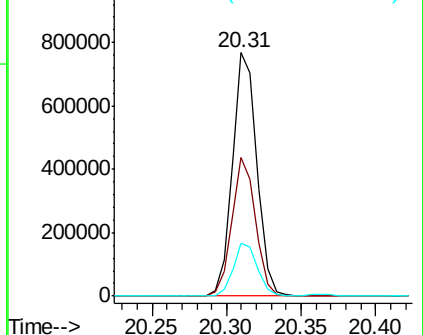
206 21.5 16.8 25.2

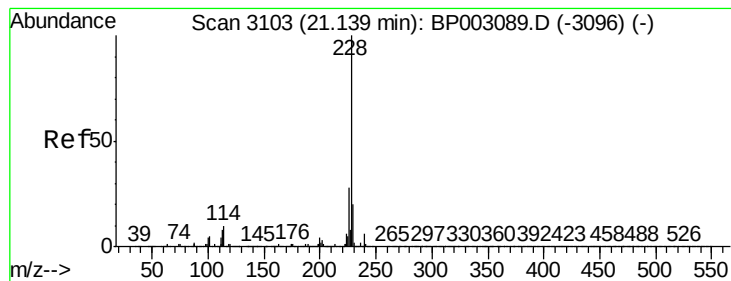


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.332 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

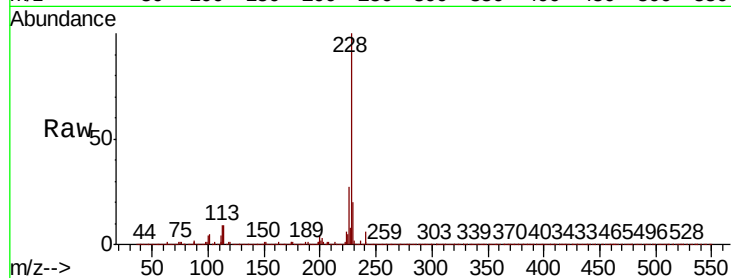
BNA_P

ClientSampleId :

PB131230BS

Tot Ion:228 Resp: 2010287

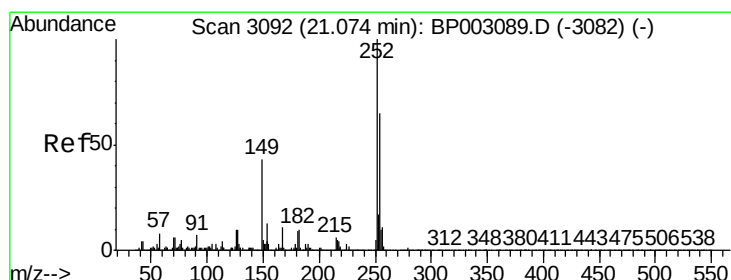
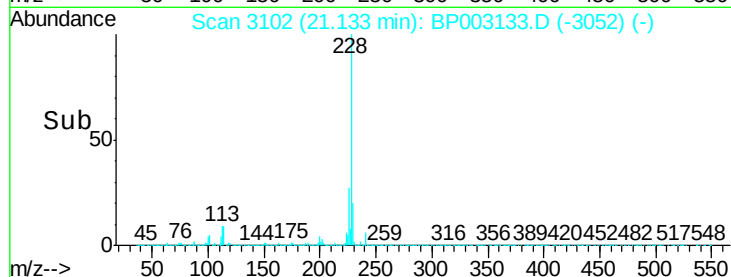
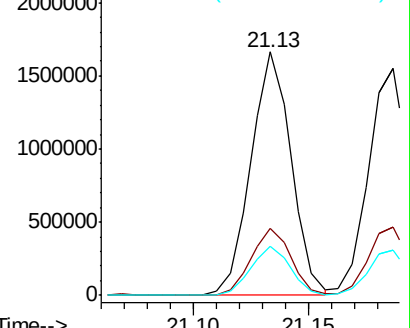
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	20.0	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.716 ng

RT: 21.07 min Scan# 3091

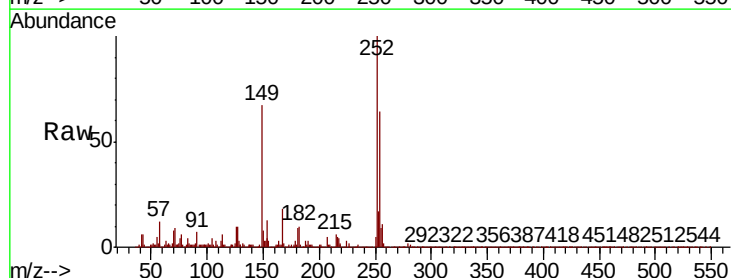
Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion:252 Resp: 584445

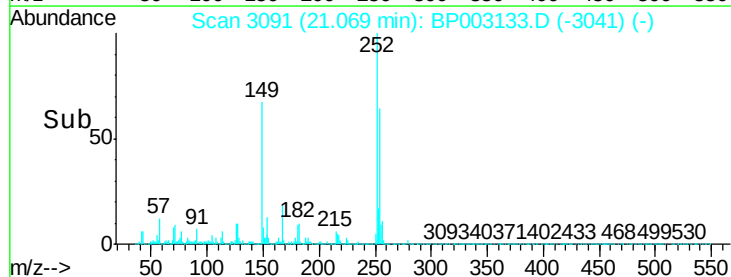
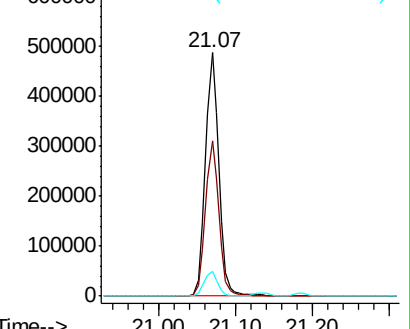
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	10.4	8.4	12.6

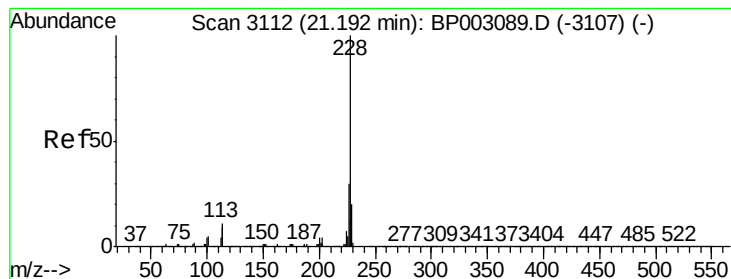


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.262 ng

RT: 21.19 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

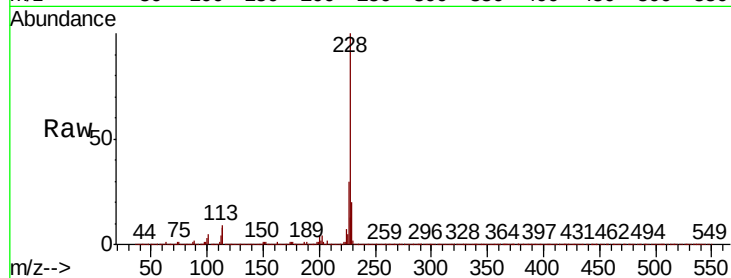
BNA_P

ClientSampleId :

PB131230BS

Tot Ion:228 Resp: 1921055

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	16.0	24.0

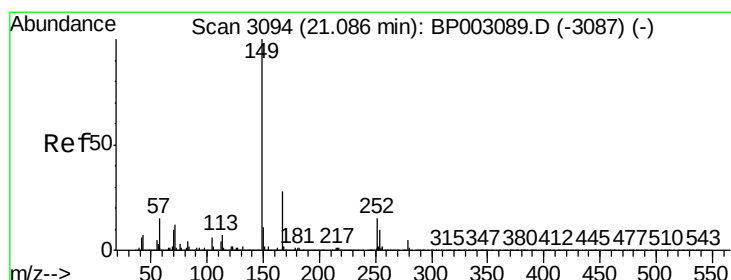
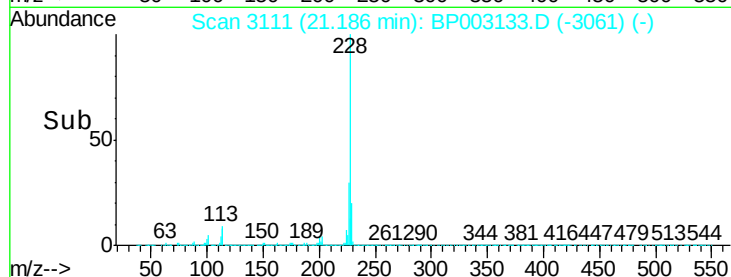
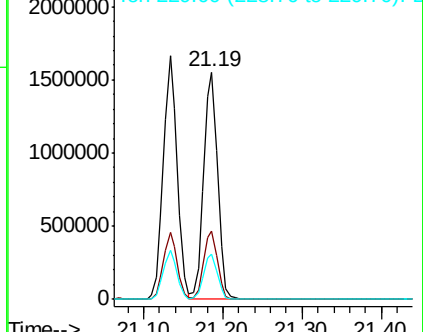


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.387 ng

RT: 21.08 min Scan# 3093

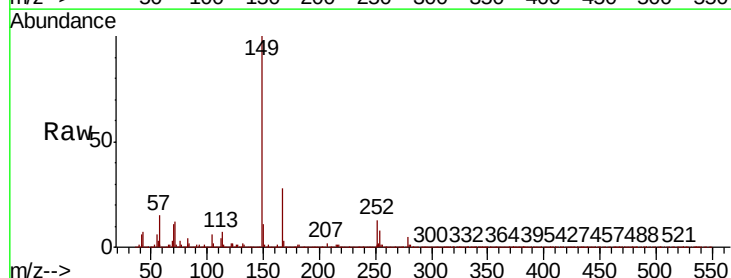
Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion:149 Resp: 1274471

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	5.0	3.8	5.8

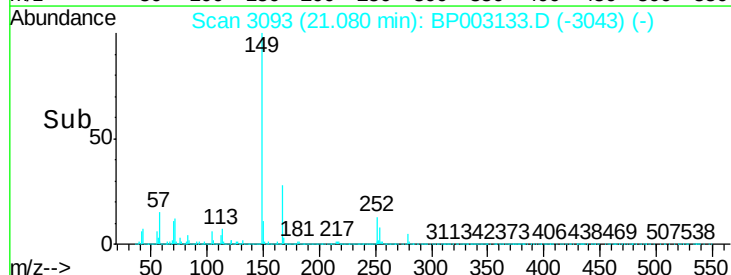
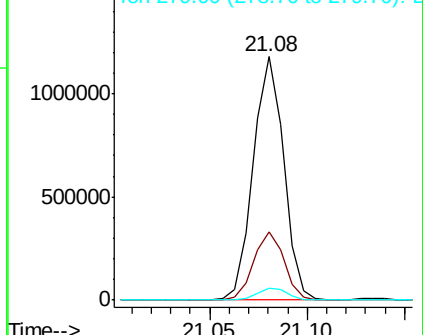


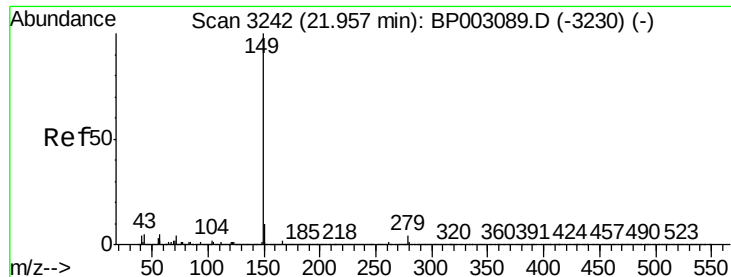
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.015 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

BNA_P

ClientSampleId :

PB131230BS

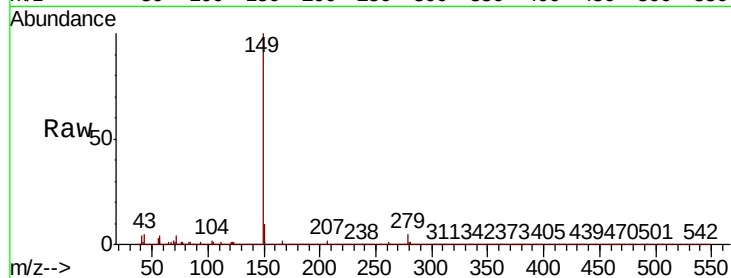
Tot Ion:149 Resp: 2163374

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

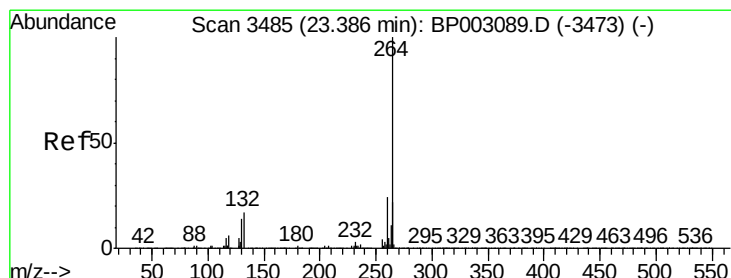
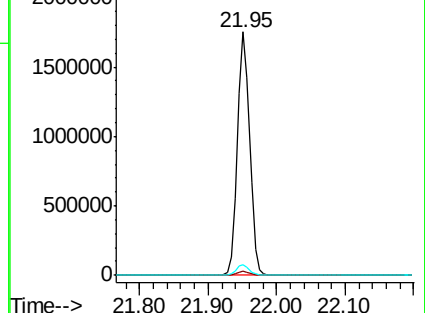
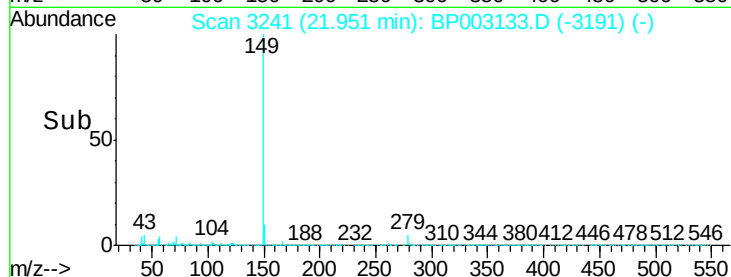
43 4.5 3.8 5.6



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: 23.39 min Scan# 3485

Delta R.T. 0.00 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

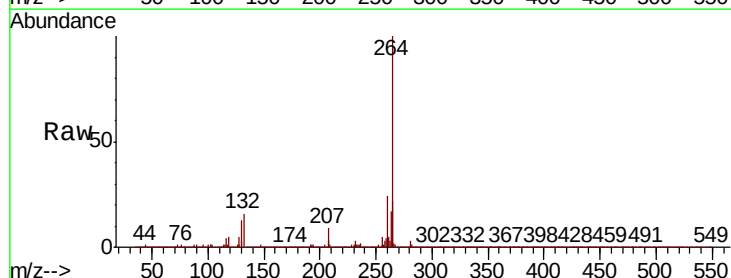
Tgt Ion:264 Resp: 943897

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

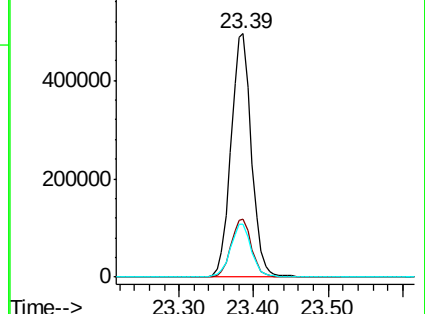
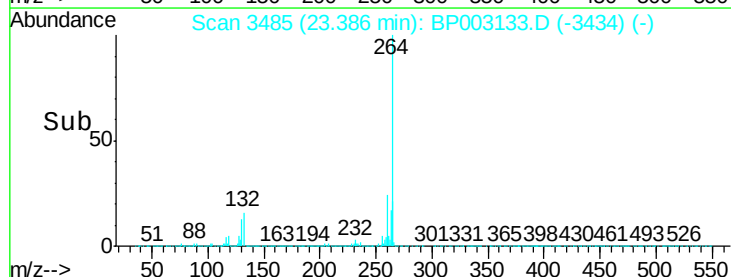
265 21.7 17.7 26.5

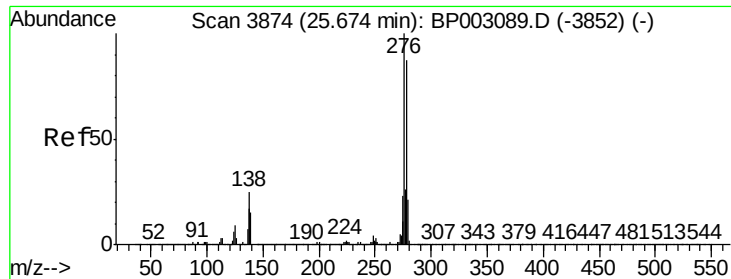


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



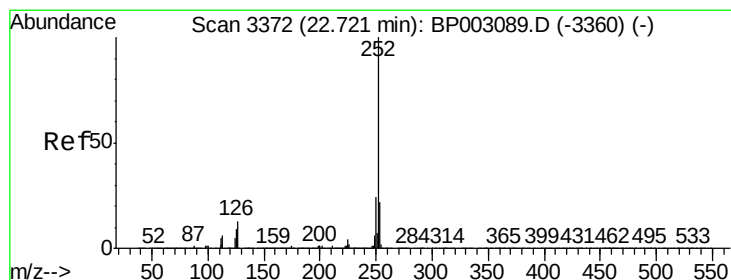
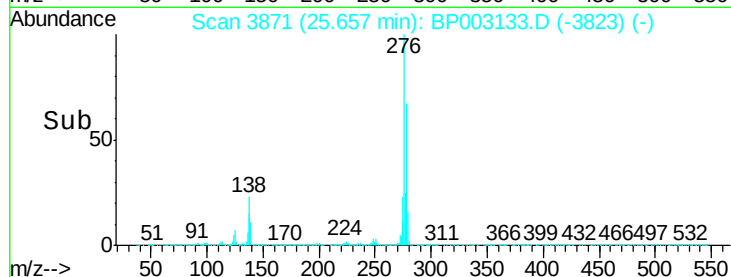
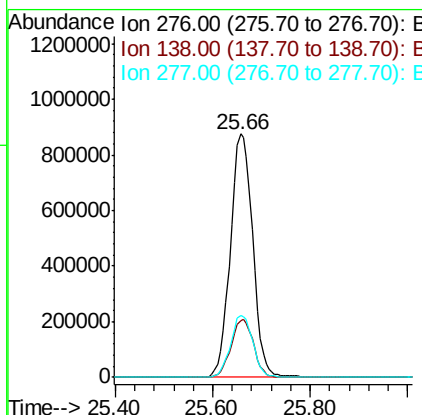
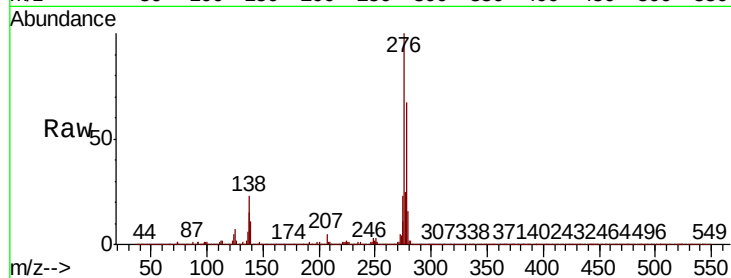


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.471 ng
 RT: 25.66 min Scan# 3871
 Delta R.T. -0.02 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

Instrument :
 BNA_P
 ClientSampleId :
 PB131230BS

Tot Ion:276 Resp: 2778381

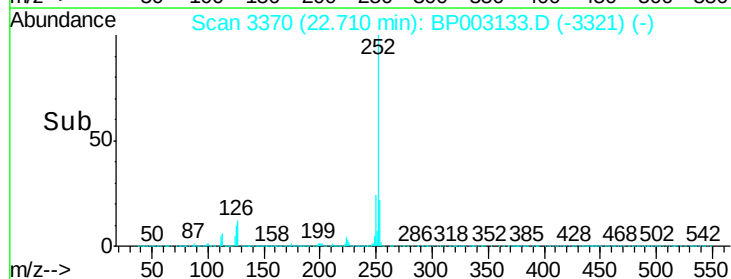
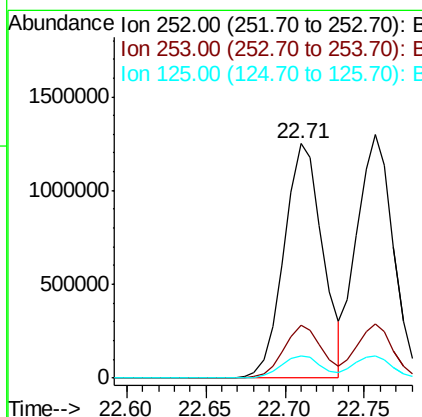
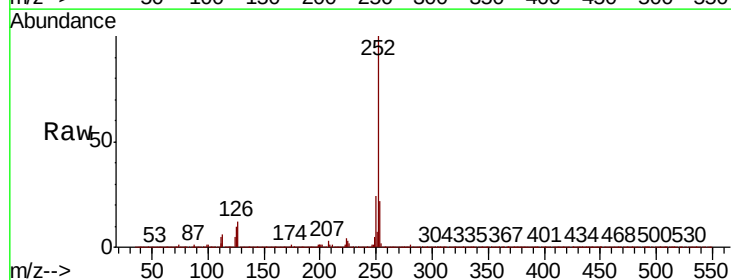
Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.2	30.4
277	25.4	20.4	30.6

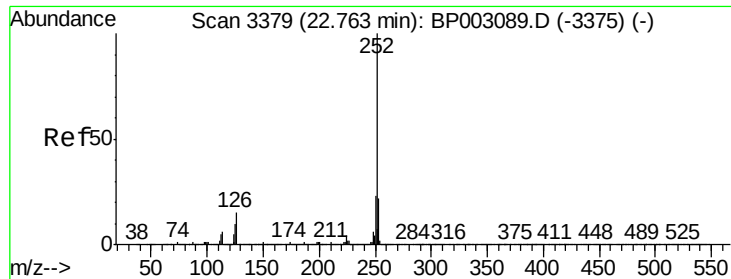


#88
 Benzo(b)fluoranthene
 Concen: 36.162 ng
 RT: 22.71 min Scan# 3370
 Delta R.T. -0.01 min
 Lab File: BP003133.D
 Acq: 27 Aug 2020 15:48

Tgt Ion:252 Resp: 2121469

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.6	7.6	11.4

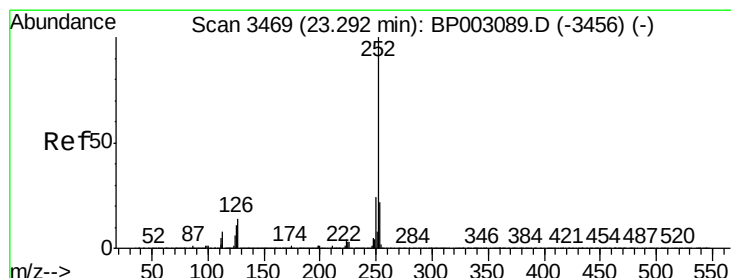
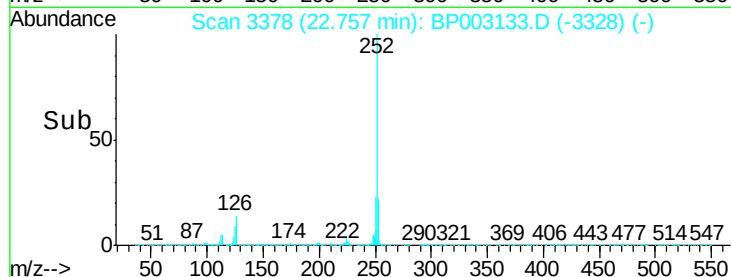
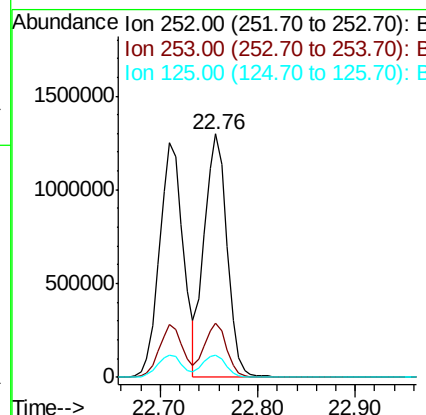
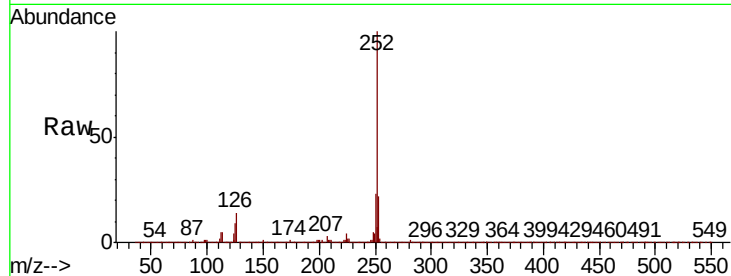




#89
Benzo(k)fluoranthene
Concen: 37.301 ng
RT: 22.76 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

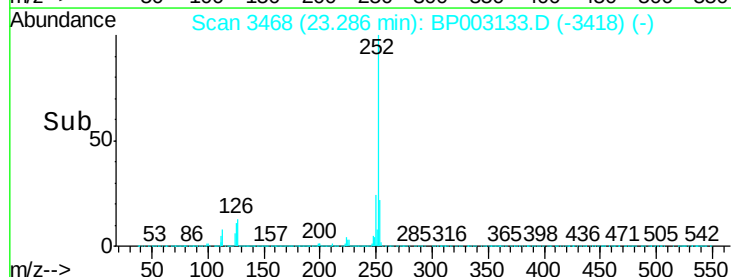
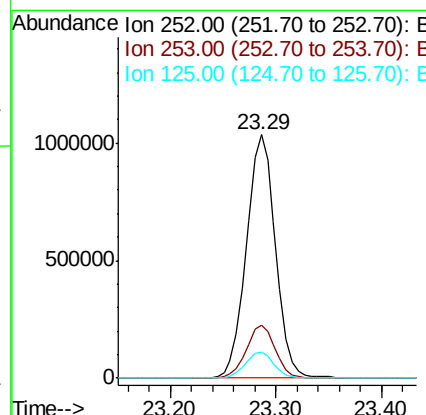
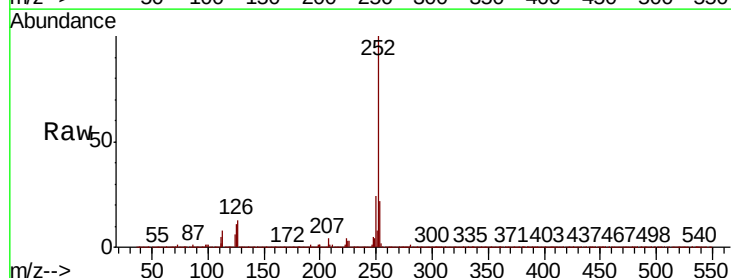
Instrument :
BNA_P
ClientSampleId :
PB131230BS

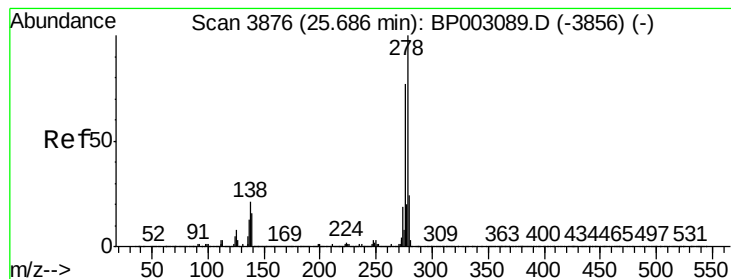
Tot Ion:252 Resp: 2090810
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 36.213 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BP003133.D
Acq: 27 Aug 2020 15:48

Tgt Ion:252 Resp: 1970927
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 40.275 ng

RT: 25.67 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Instrument :

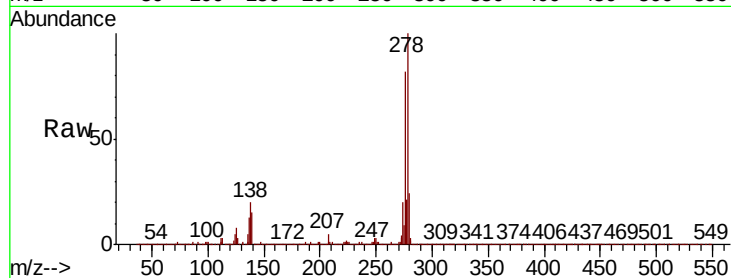
BNA_P

ClientSampleId :

PB131230BS

Tot Ion:278 Resp: 2328870

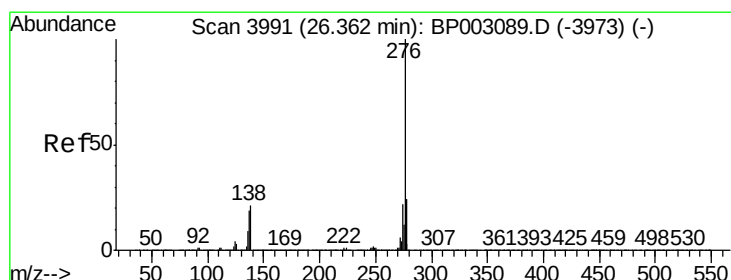
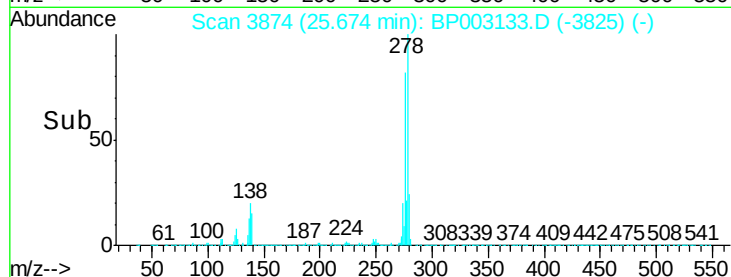
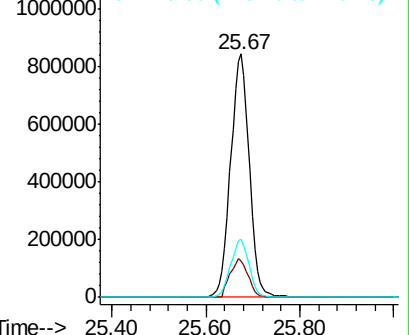
Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.8	19.2
279	23.7	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.208 ng

RT: 26.35 min Scan# 3989

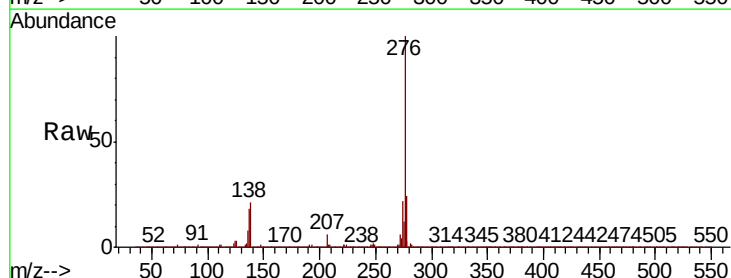
Delta R.T. -0.01 min

Lab File: BP003133.D

Acq: 27 Aug 2020 15:48

Tgt Ion:276 Resp: 2391307

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	21.3	17.0	25.6



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

