

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003131.D
 Acq On : 27 Aug 2020 14:40
 Operator : CG/JU
 Sample : PB131234BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131234BS

Quant Time: Aug 27 15:08:28 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	220257	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	846611	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	496652	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1016675	20.00	ng	0.00
76) Chrysene-d12	21.15	240	979588	20.00	ng	0.00
86) Perylene-d12	23.39	264	1108600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1236560	99.26	ng	0.00
7) Phenol-d6	6.85	99	1450043	92.85	ng	0.00
23) Nitrobenzene-d5	8.81	82	836910	71.26	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	686290	102.17	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2458400	72.49	ng	0.00
79) Terphenyl-d14	19.63	244	3216150	72.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	240960	50.593	ng	99
3) Pyridine	3.59	79	348070	27.770	ng	99
4) n-Nitrosodimethylamine	3.51	42	126991	38.799	ng	94
6) Aniline	6.99	93	630680	37.093	ng	100
8) 2-Chlorophenol	7.23	128	571192	41.127	ng	99
9) Benzaldehyde	6.80	77	273477	37.561	ng	100
10) Phenol	6.87	94	584799	40.408	ng	96
11) bis(2-Chloroethyl)ether	7.09	93	437320	38.178	ng	99
12) 1,3-Dichlorobenzene	7.55	146	616801	36.525	ng	99
13) 1,4-Dichlorobenzene	7.70	146	627919	36.832	ng	99
14) 1,2-Dichlorobenzene	8.01	146	603164	37.318	ng	99
15) Benzyl Alcohol	7.90	79	366258	41.625	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	351577	36.218	ng	99
17) 2-Methylphenol	8.11	107	424465	41.170	ng	99
18) Hexachloroethane	8.74	117	203836	36.547	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	276656	39.210	ng	99
20) 3+4-Methylphenols	8.43	107	570894	41.097	ng	98
22) Acetophenone	8.48	105	710996	37.711	ng	99
24) Nitrobenzene	8.85	77	448231	38.860	ng	99
25) Isophorone	9.38	82	850632	41.053	ng	100
26) 2-Nitrophenol	9.56	139	289456	42.103	ng	98
27) 2,4-Dimethylphenol	9.63	122	491432	47.550	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	566019	36.676	ng	98
29) 2,4-Dichlorophenol	10.09	162	529792	41.318	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	569406	37.297	ng	99
31) Naphthalene	10.49	128	1679365	38.609	ng	100
32) Benzoic acid	9.78	122	273308	36.774	ng	95
33) 4-Chloroaniline	10.60	127	501569	27.599	ng	98
34) Hexachlorobutadiene	10.79	225	334798	36.540	ng	99
35) Caprolactam	11.36	113	155380	40.325	ng	97
36) 4-Chloro-3-methylphenol	11.74	107	491723	41.073	ng	100
37) 2-Methylnaphthalene	12.11	142	1223340	39.316	ng	100
38) 1-Methylnaphthalene	12.33	142	1147287	38.793	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	597770	40.608	ng	99

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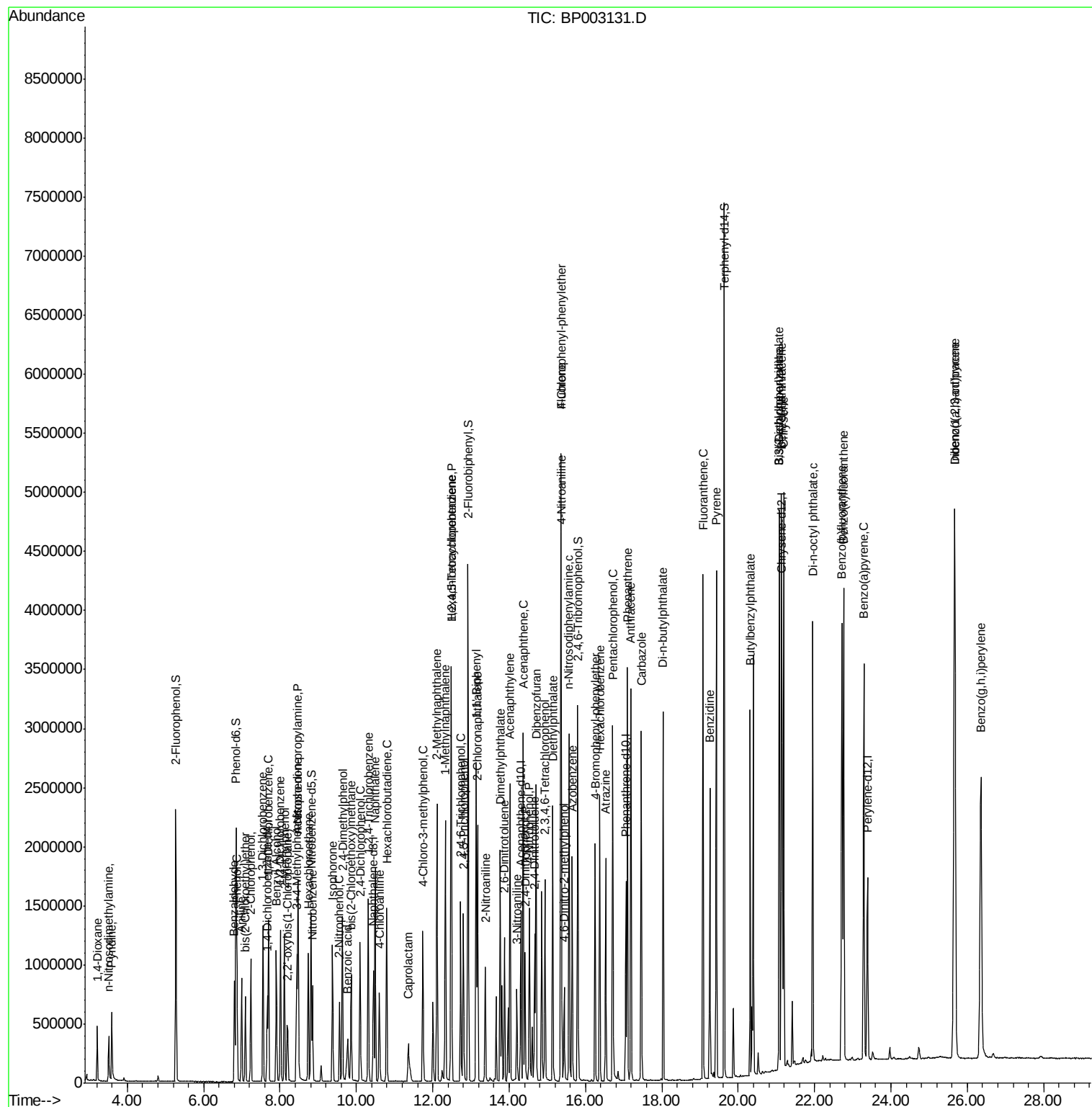
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	747544	107.429	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	407070	42.056	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	446819	43.642	ng	99
46) 1,1'-Biphenyl	13.13	154	1523633	40.900	ng	99
47) 2-Chloronaphthalene	13.17	162	1168204	38.310	ng	100
48) 2-Nitroaniline	13.37	65	227706	39.882	ng	96
49) Acenaphthylene	14.02	152	1888951	40.966	ng	100
50) Dimethylphthalate	13.76	163	1461874	38.598	ng	99
51) 2,6-Dinitrotoluene	13.87	165	325015	41.290	ng	98
52) Acenaphthene	14.37	154	1115891	39.393	ng	99
53) 3-Nitroaniline	14.20	138	270329	30.312	ng	99
54) 2,4-Dinitrophenol	14.42	184	313253	73.543	ng	99
55) Dibenzofuran	14.70	168	1763170	39.632	ng	99
56) 4-Nitrophenol	14.53	139	567519	88.453	ng	99
57) 2,4-Dinitrotoluene	14.67	165	440194	41.591	ng	99
58) Fluorene	15.36	166	1363034	39.773	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	388316	41.921	ng	99
60) Diethylphthalate	15.14	149	1438332	38.709	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	691542	39.075	ng	99
62) 4-Nitroaniline	15.37	138	340719	37.167	ng	98
63) Azobenzene	15.65	77	983533	39.881	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	224190	46.110	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1246758	41.939	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	445365	39.692	ng	98
68) Hexachlorobenzene	16.37	284	526026	39.377	ng	99
69) Atrazine	16.53	200	386292	38.527	ng	99
70) Pentachlorophenol	16.72	266	625925	97.982	ng	99
71) Phenanthrene	17.10	178	2186291	39.686	ng	100
72) Anthracene	17.19	178	2225224	42.205	ng	100
73) Carbazole	17.46	167	2053299	40.579	ng	99
74) Di-n-butylphthalate	18.03	149	2405408	40.439	ng	100
75) Fluoranthene	19.07	202	2511362	39.443	ng	100
77) Benzidine	19.26	184	1516946	67.756	ng	99
78) Pyrene	19.43	202	2577338	40.538	ng	100
80) Butylbenzylphthalate	20.32	149	1072198	40.959	ng	94
81) Benzo(a)anthracene	21.13	228	2486396	40.521	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	819495	36.308	ng	100
83) Chrysene	21.19	228	2336012	39.762	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1578245	41.748	ng	100
85) Di-n-octyl phthalate	21.95	149	2761301	42.602	ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3615240	43.729	ng	99
88) Benzo(b)fluoranthene	22.72	252	2715432	39.409	ng	100
89) Benzo(k)fluoranthene	22.76	252	2715457	41.248	ng	100
90) Benzo(a)pyrene	23.29	252	2567307	40.162	ng	100
91) Dibenzo(a,h)anthracene	25.67	278	3018345	44.443	ng	100
92) Benzo(g,h,i)perylene	26.35	276	3108471	45.608	ng	99

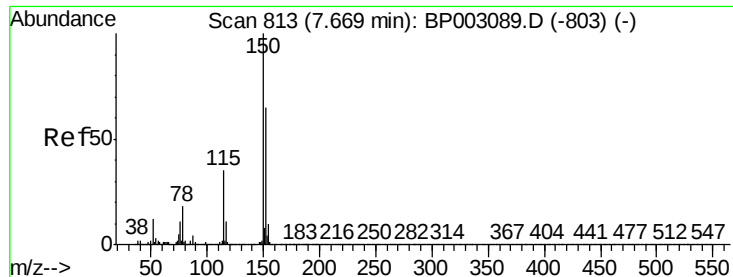
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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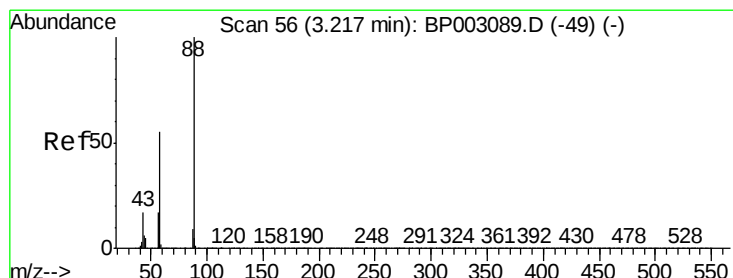
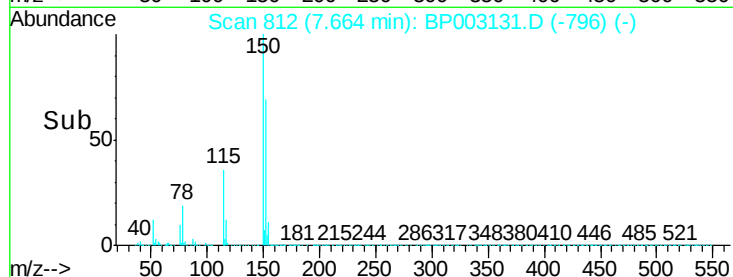
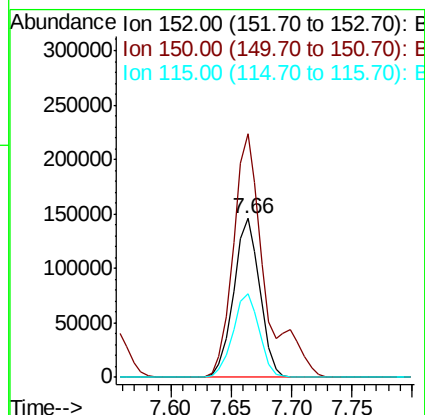
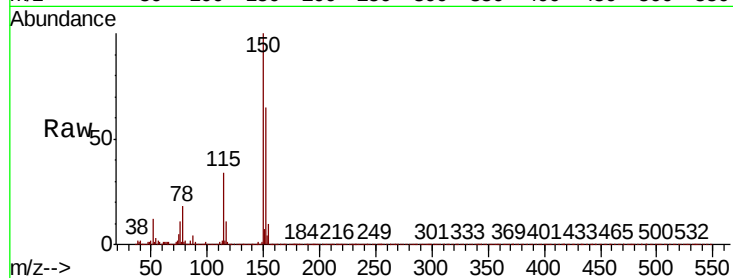


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Instrument :
BNA_P
ClientSampleId :
PB131234BS

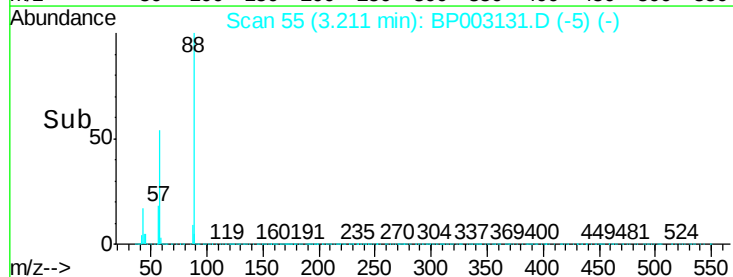
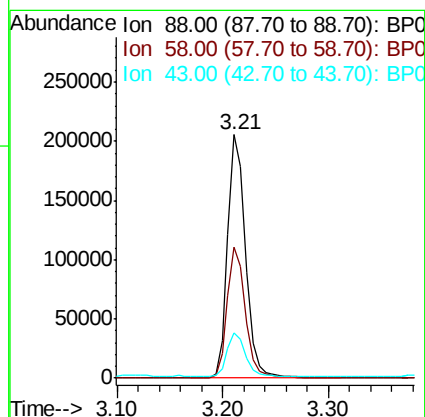
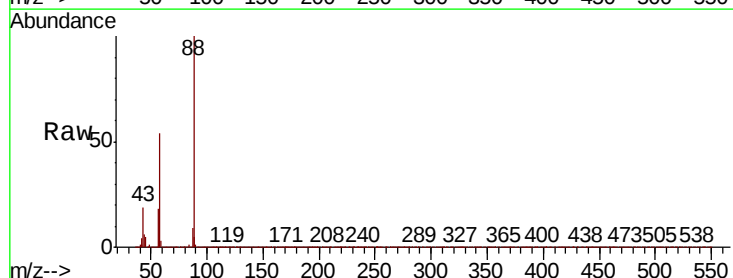
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.1	184.7
115	52.3	42.8	64.2

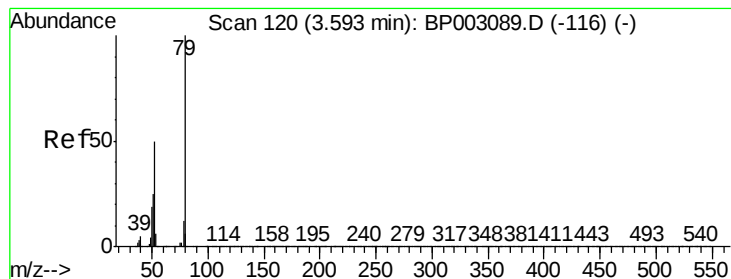


#2

1,4-Dioxane
Concen: 50.593 ng
RT: 3.21 min Scan# 55
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.3	44.3	66.5
43	18.4	14.3	21.5





#3

Pvridine

Concen: 27.770 ng

RT: 3.59 min Scan# 120

Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

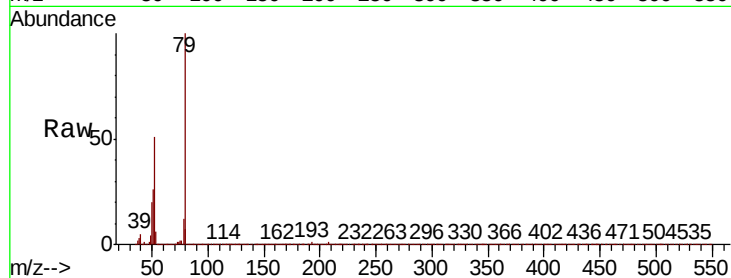
BNA_P

ClientSampleId :

PB131234BS

Tot Ion: 79 Resp: 348070

Ion	Ratio	Lower	Upper
79	100		
52	50.6	39.8	59.8
51	25.7	20.2	30.2

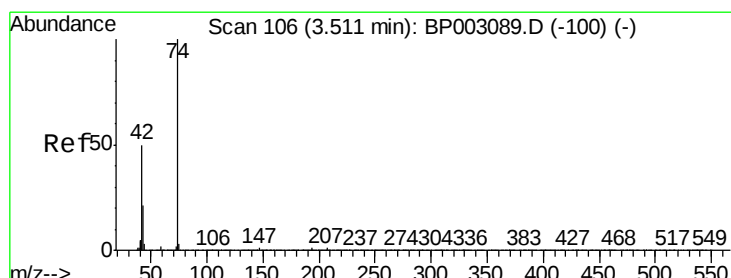
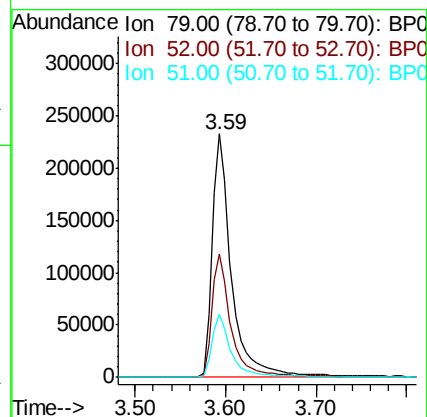
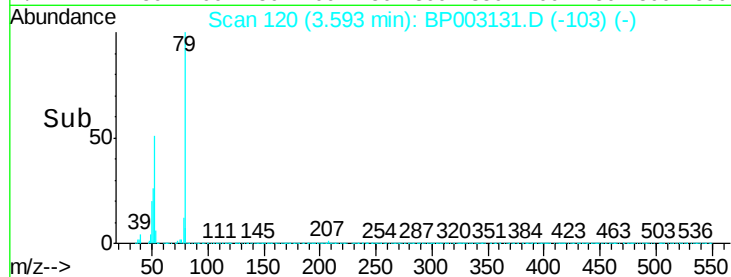


Abundance

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: 38.799 ng

RT: 3.51 min Scan# 106

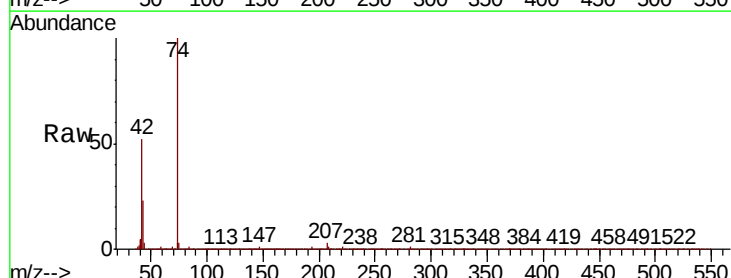
Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion: 42 Resp: 126991

Ion	Ratio	Lower	Upper
42	100		
74	192.5	161.0	241.6
44	6.6	5.6	8.4

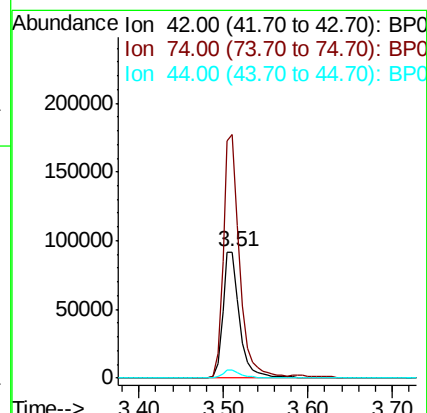
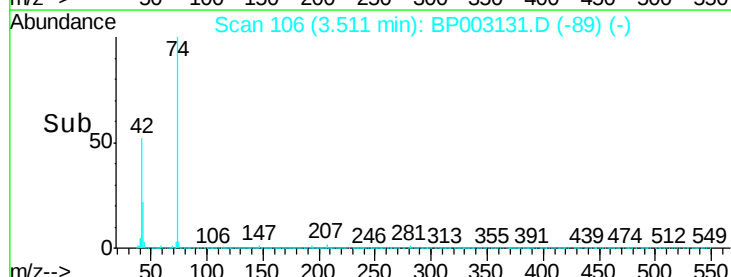


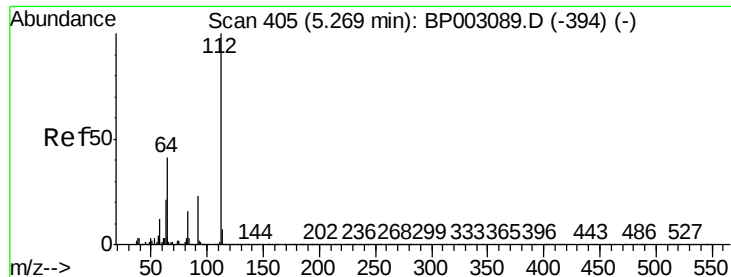
Abundance

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: 99.260 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003131.D

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Instrument :

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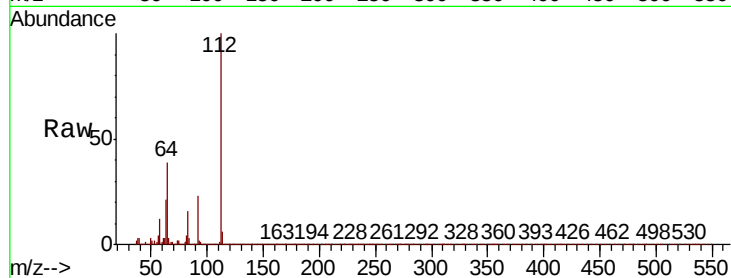
Tot Ion:112 Resp: 1236560

Ion Ratio Lower Upper

112 100

64 39.3 33.0 49.6

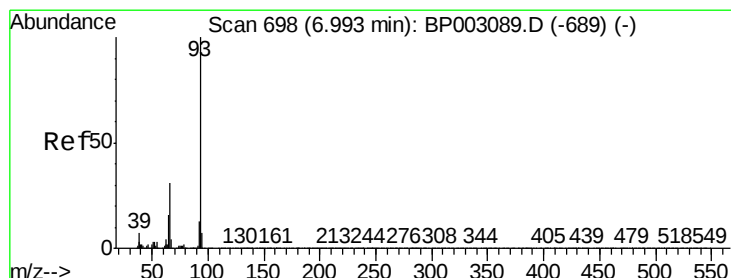
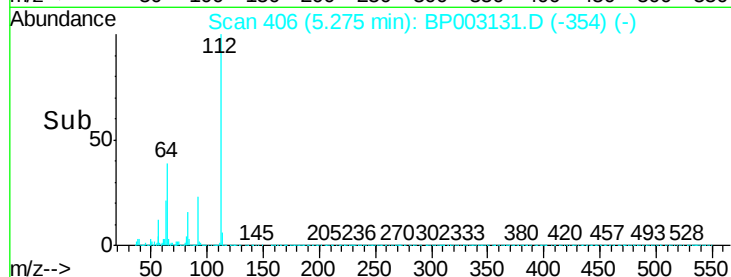
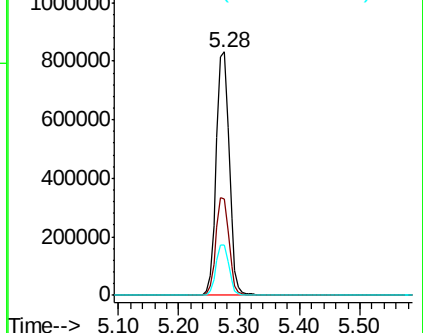
63 20.8 16.9 25.3



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: 37.093 ng

RT: 6.99 min Scan# 698

Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

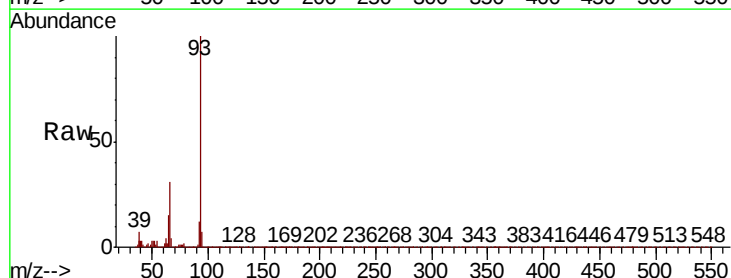
Tgt Ion: 93 Resp: 630680

Ion Ratio Lower Upper

93 100

66 31.2 25.0 37.4

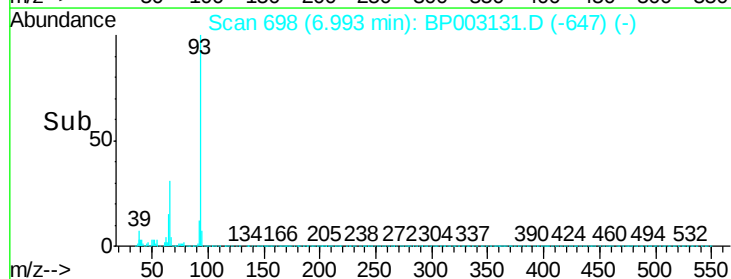
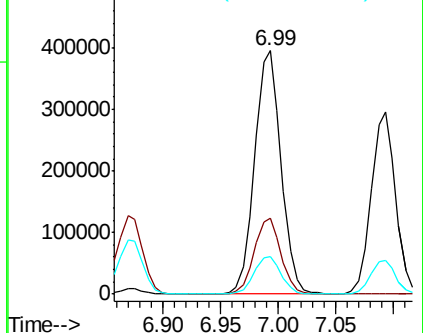
65 15.3 12.6 18.8

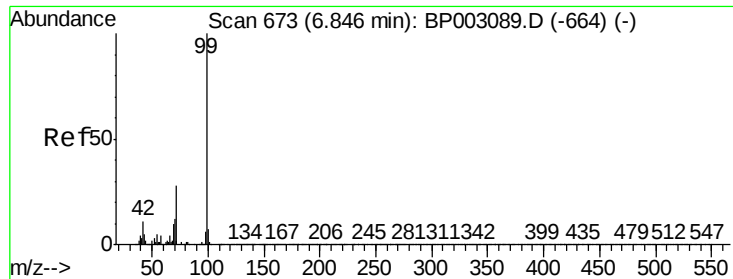


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 92.852 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

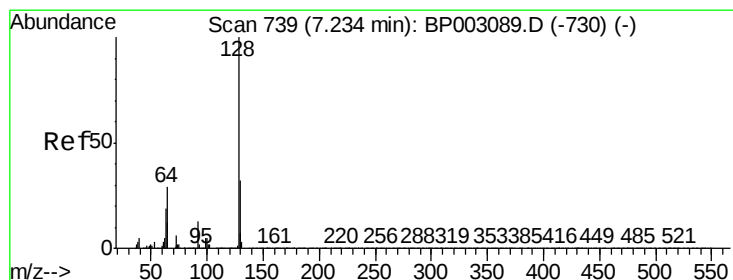
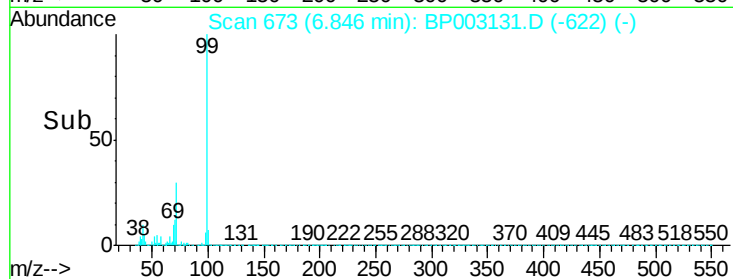
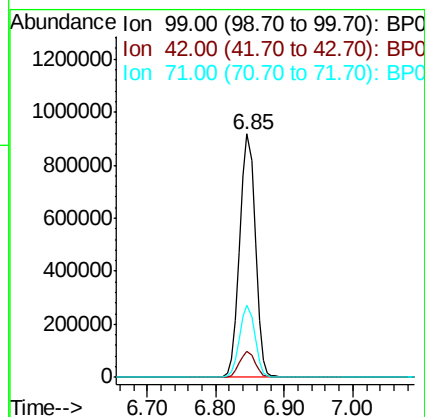
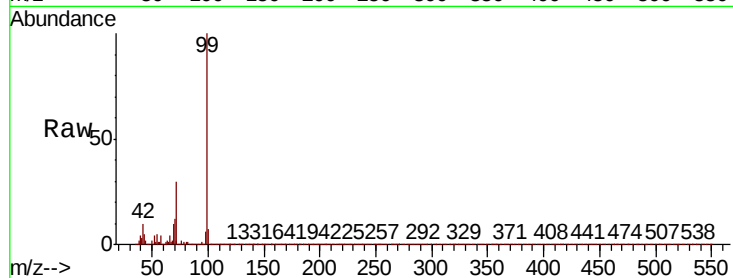
BNA_P

ClientSampleId :

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Tot Ion: 99 Resp: 1450043

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.5	12.7
71	29.6	22.8	34.2



#8

2-Chlorophenol

Concen: 41.127 ng

RT: 7.23 min Scan# 739

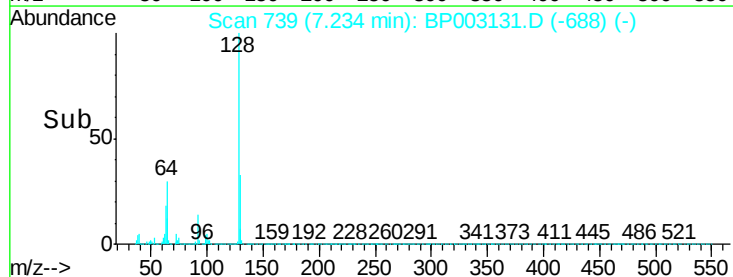
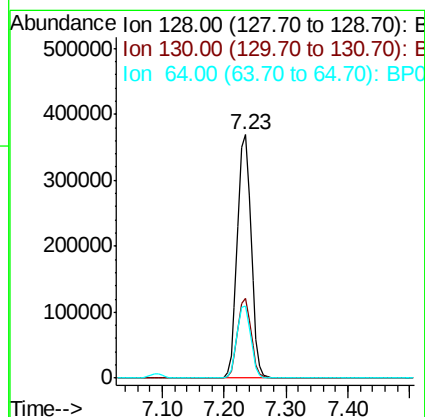
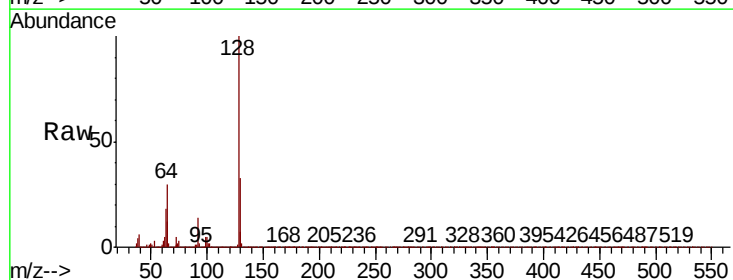
Delta R.T. 0.00 min

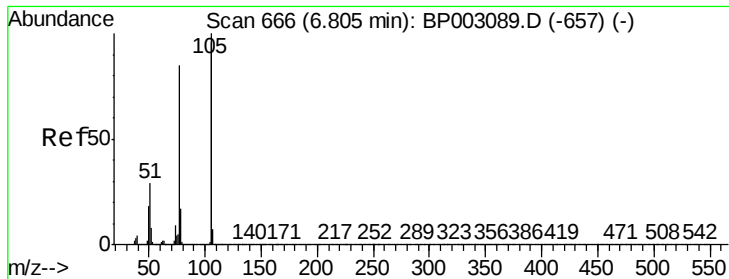
Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion: 128 Resp: 571192

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.2	52.2
64	29.7	9.7	49.7





#9

Benzaldehyde

Concen: 37.561 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

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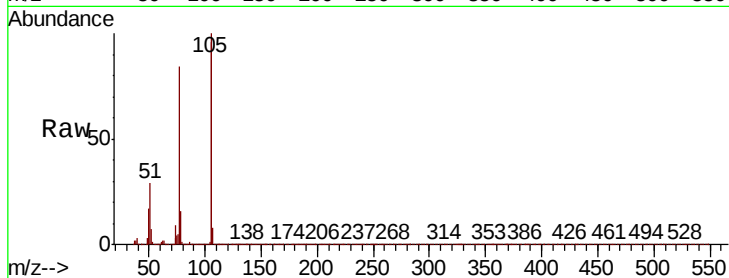
Tot Ion: 77 Resp: 273477

Ion Ratio Lower Upper

77 100

105 118.4 98.3 138.3

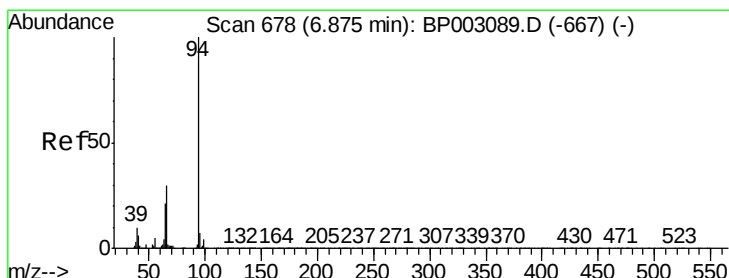
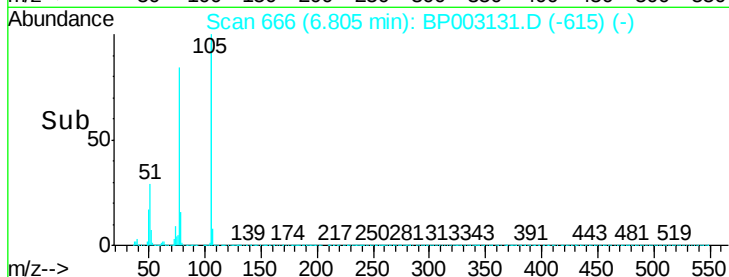
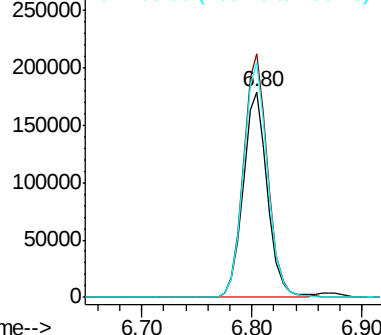
106 114.1 93.9 133.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 40.408 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

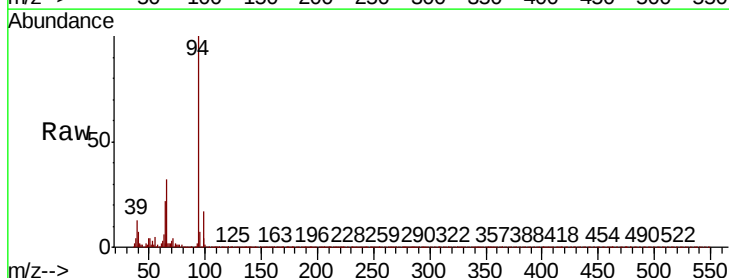
Tgt Ion: 94 Resp: 584799

Ion Ratio Lower Upper

94 100

65 22.2 1.0 41.0

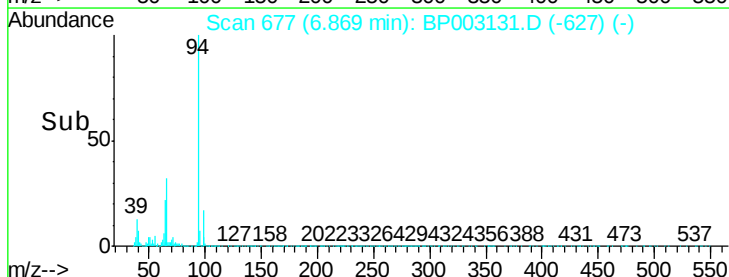
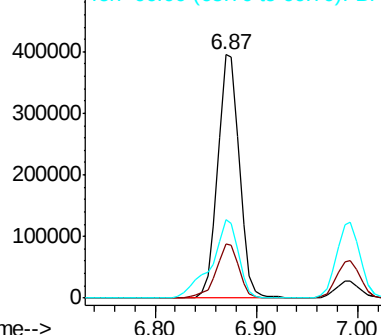
66 32.2 9.7 49.7

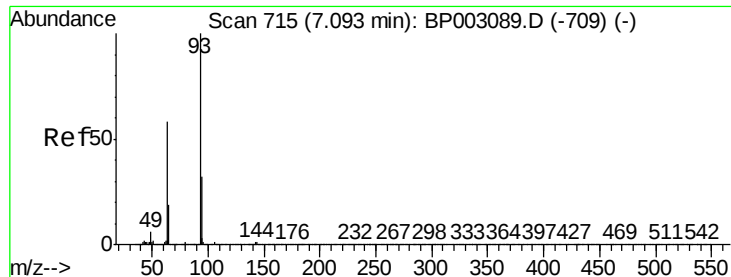


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

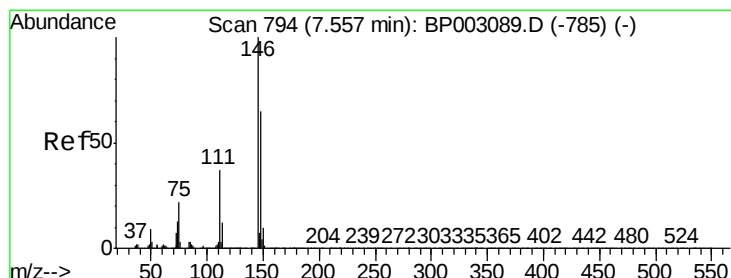
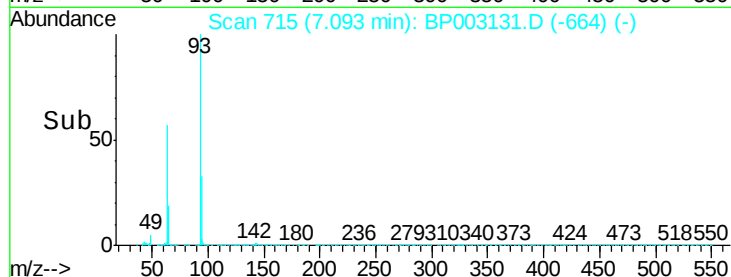
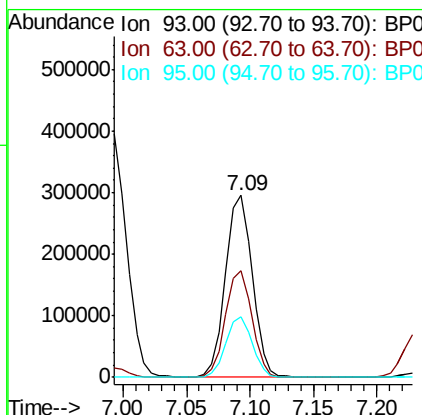
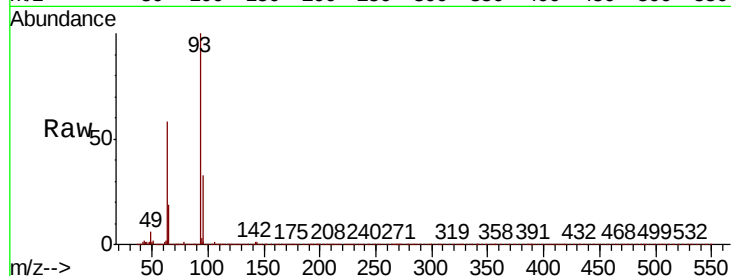




#11
bis(2-Chloroethyl)ether
Concen: 38.178 ng
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

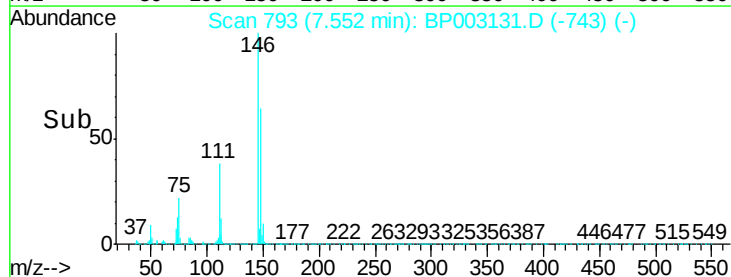
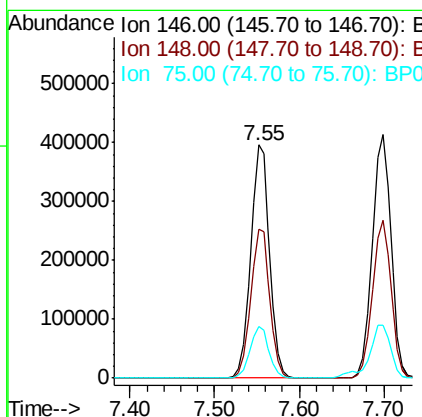
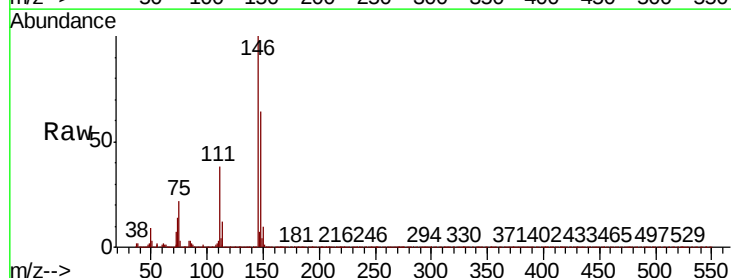
Instrument :
BNA_P
ClientSampleId :
PB131234BS

Tot Ion	93	Resp	437320
Ion Ratio	Lower	Upper	
93	100		
63	58.4	37.8	77.8
95	33.5	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 36.525 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	146	Resp	616801
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
75	22.2	17.4	26.2

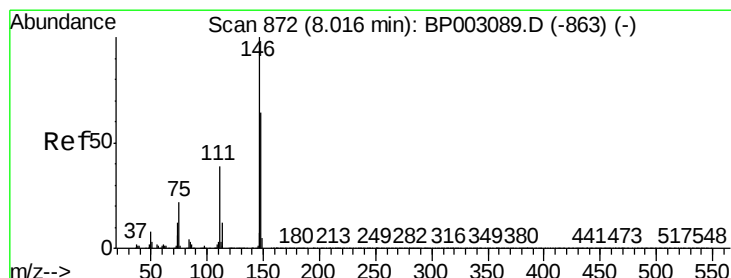
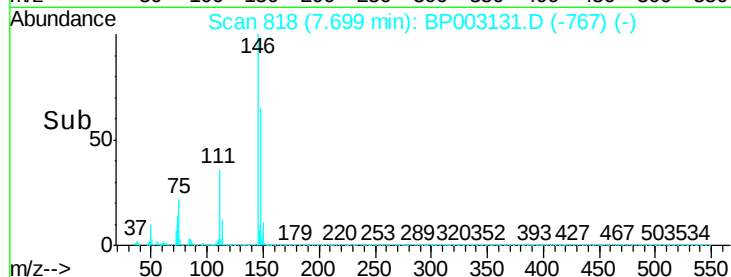
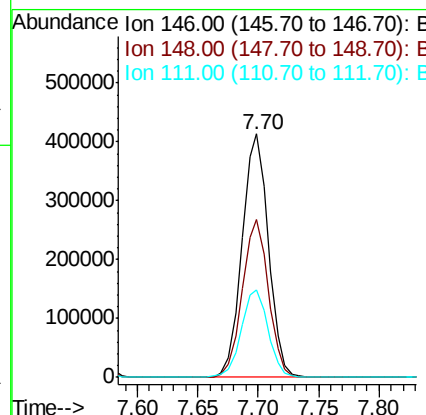
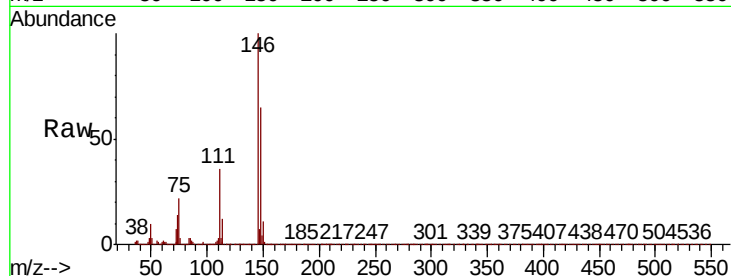




#13
1,4-Dichlorobenzene
Concen: 36.832 ng
RT: 7.70 min Scan# 818
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

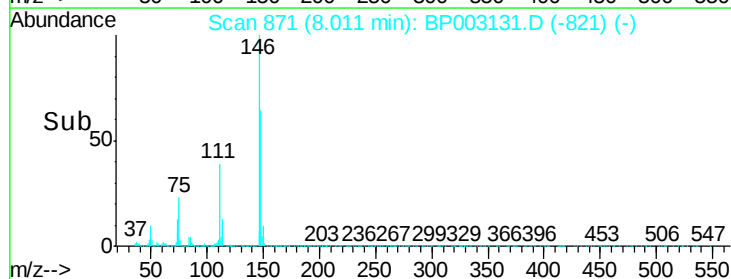
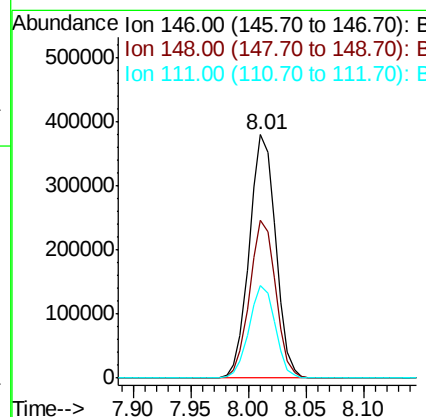
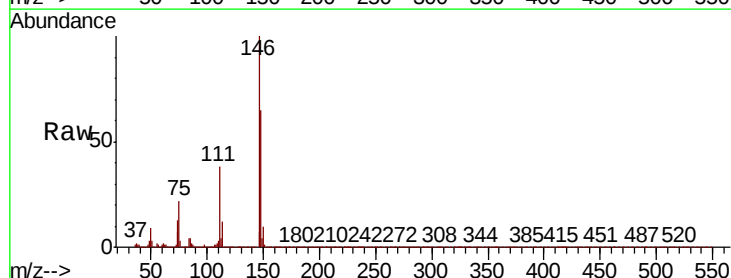
Instrument :
BNA_P
ClientSampleId :
PB131234BS

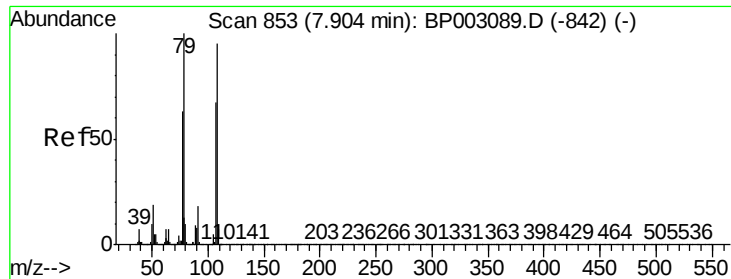
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	35.9	28.5	42.7



#14
1,2-Dichlorobenzene
Concen: 37.318 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	38.2	31.0	46.4





#15

Benzyl Alcohol

Concen: 41.625 ng

RT: 7.90 min Scan# 852

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

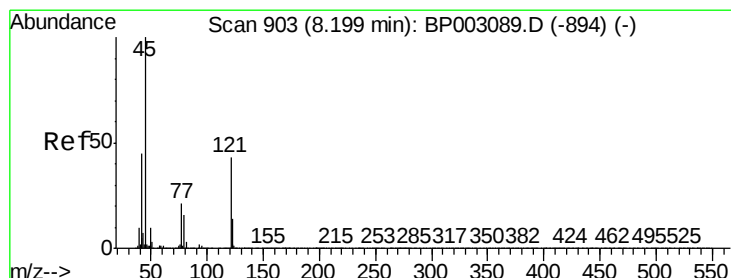
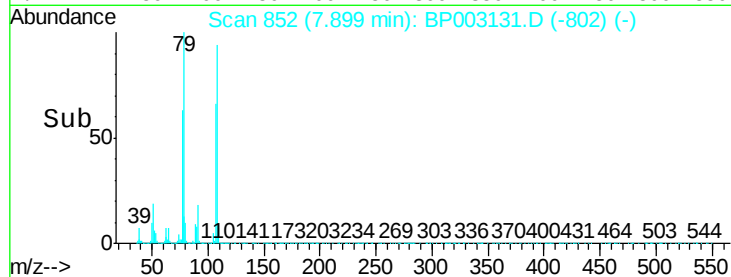
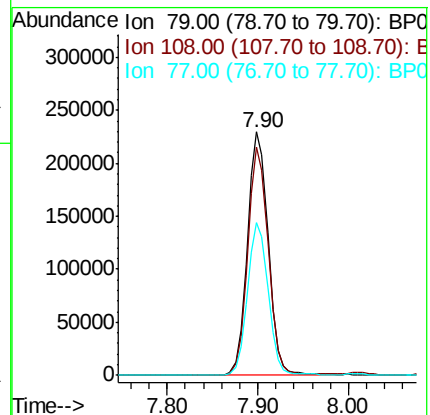
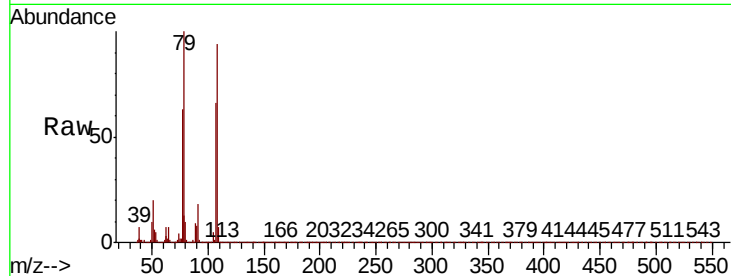
Tot Ion: 79 Resp: 366258

Ion Ratio Lower Upper

79 100

108 93.7 75.7 113.5

77 62.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.218 ng

RT: 8.19 min Scan# 902

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

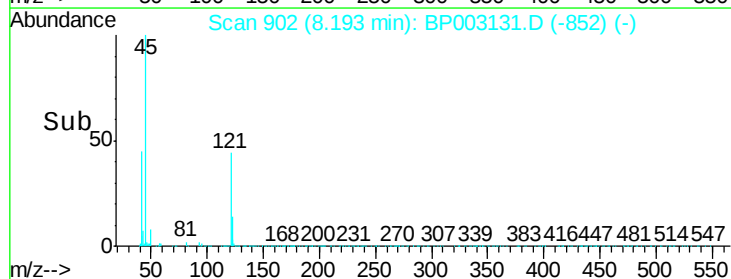
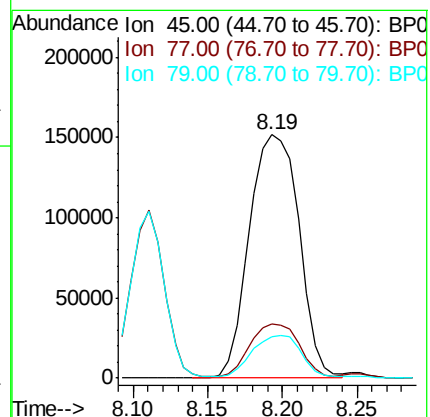
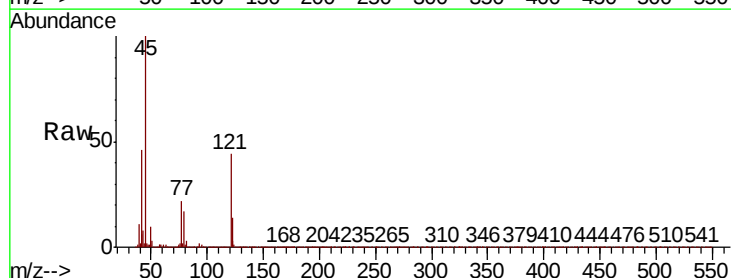
Tgt Ion: 45 Resp: 351577

Ion Ratio Lower Upper

45 100

77 22.3 1.6 41.6

79 17.1 0.0 36.7

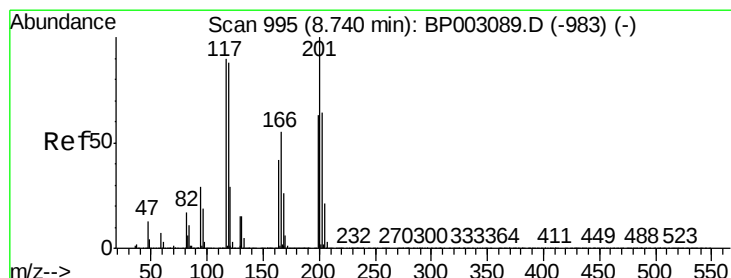
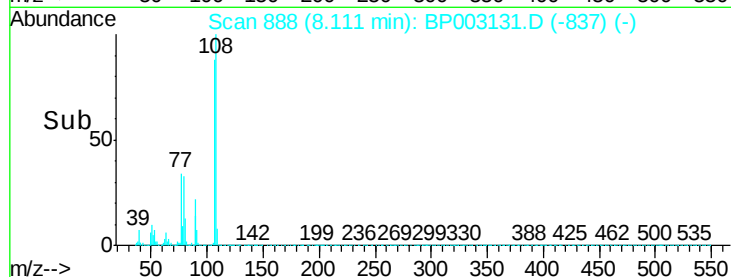
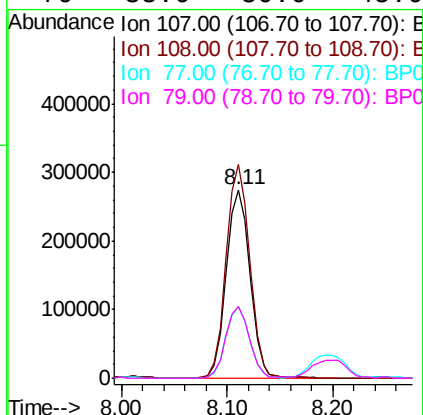
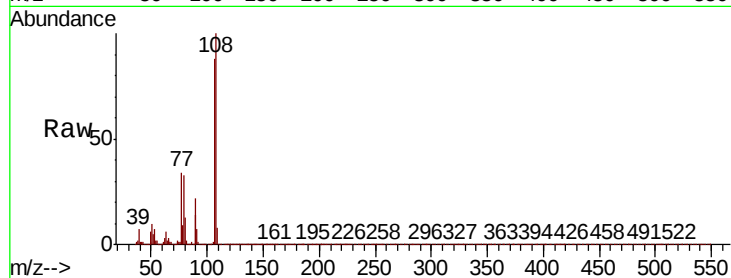




#17
2-Methylphenol
Concen: 41.170 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

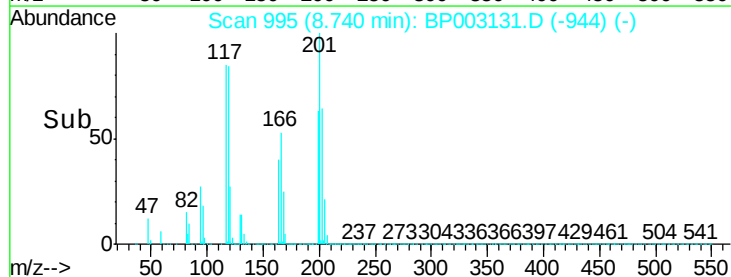
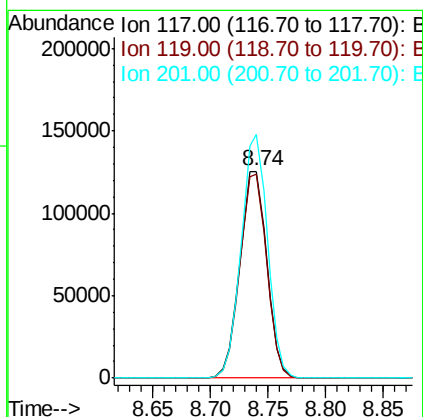
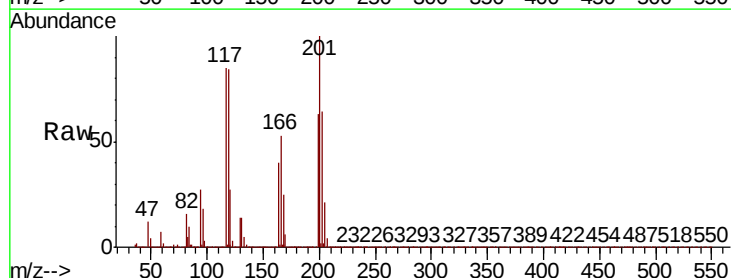
Instrument :
BNA_P
ClientSampleId :
PB131234BS

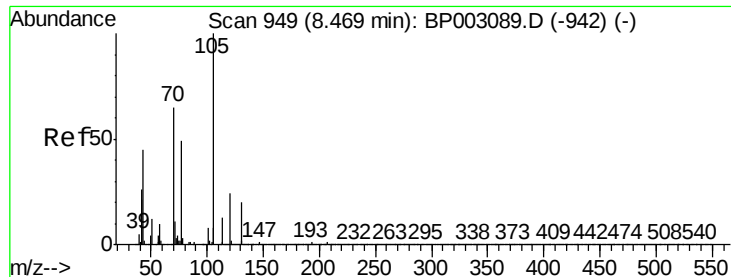
Tot Ion:	107	Resp:	424465
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.8	136.2
77	38.4	29.4	44.2
79	38.0	30.0	45.0



#18
Hexachloroethane
Concen: 36.547 ng
RT: 8.74 min Scan# 995
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:	117	Resp:	203836
Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.7	116.5
201	117.8	88.4	132.6

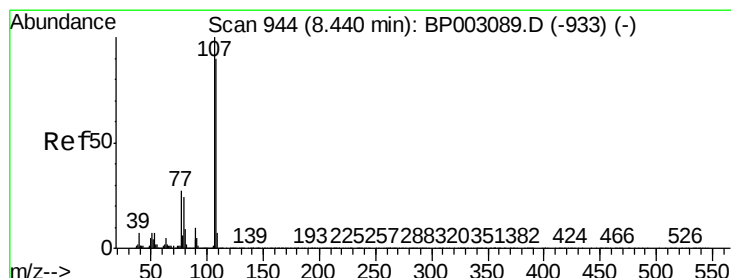
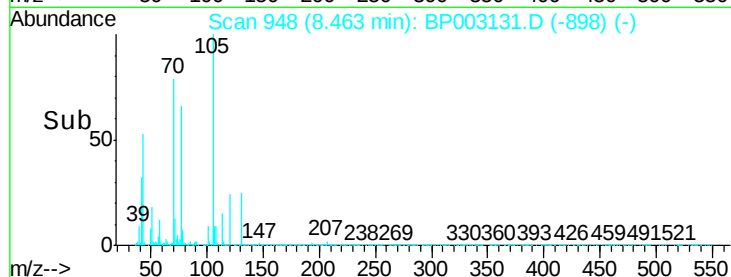
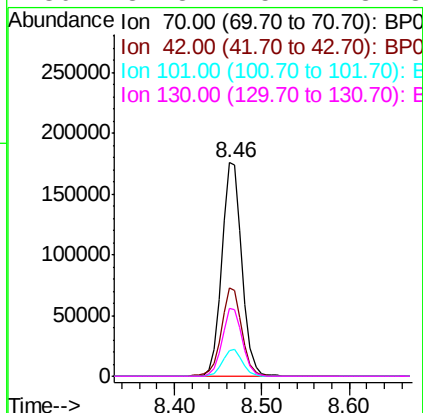
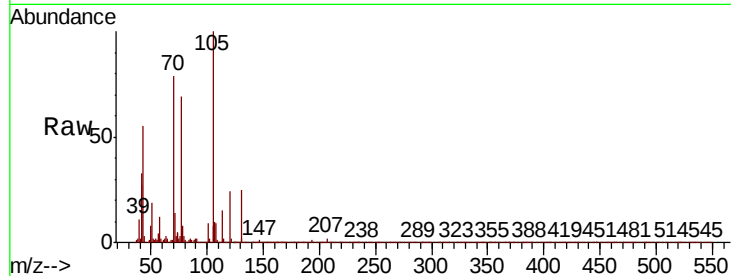




#19
n-Nitroso-di-n-propylamine
Concen: 39.210 ng
RT: 8.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

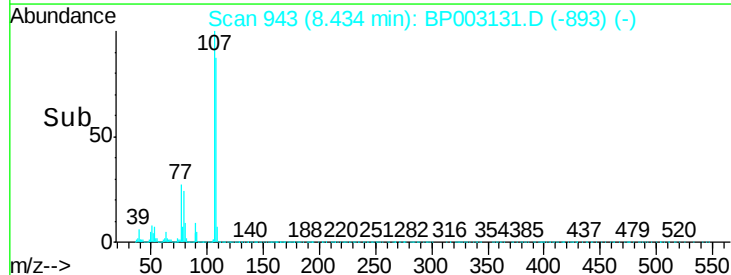
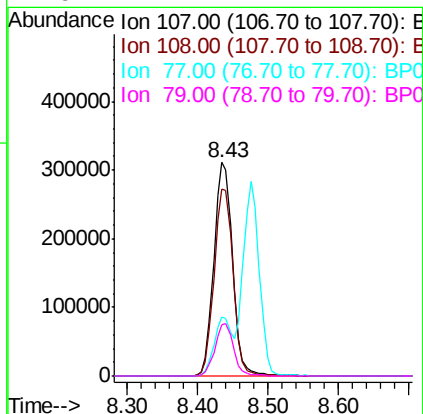
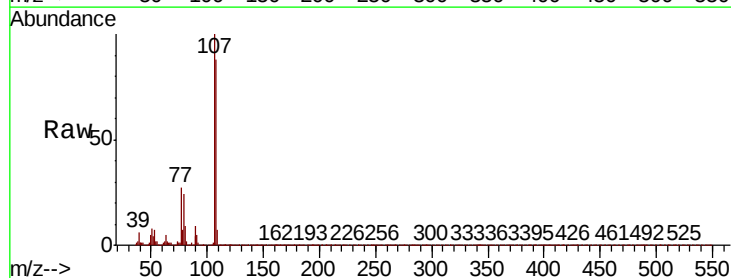
Instrument :
BNA_P
ClientSampleId :
PB131234BS

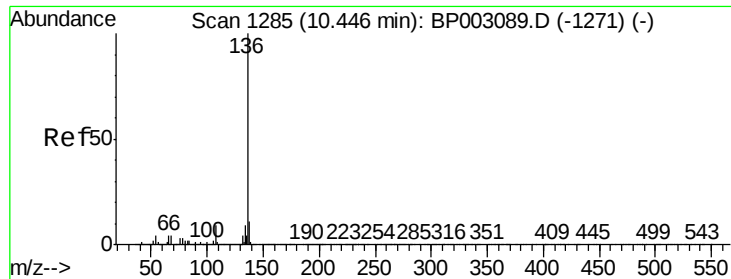
Tot Ion:	70	Resp:	276656
Ion	Ratio	Lower	Upper
70	100		
42	41.4	32.5	48.7
101	11.9	10.2	15.2
130	31.8	25.2	37.8



#20
3+4-Methylphenols
Concen: 41.097 ng
RT: 8.43 min Scan# 943
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:	107	Resp:	570894
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.7	109.7
77	27.4	7.2	47.2
79	24.2	4.4	44.4

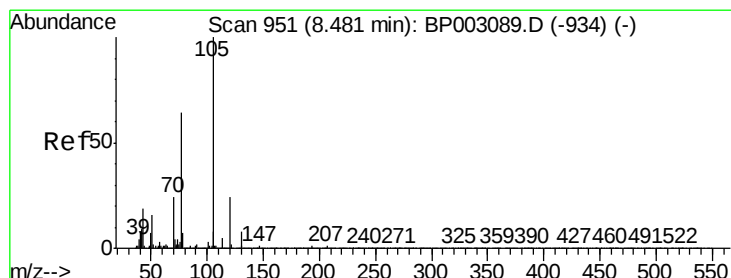
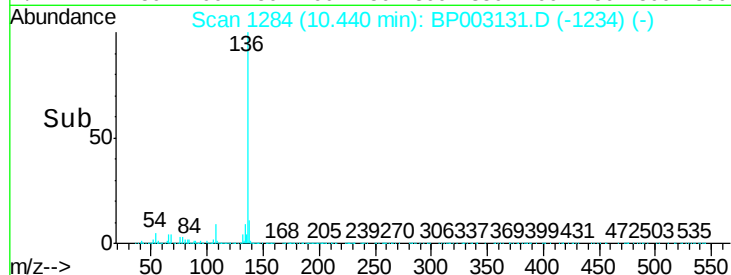
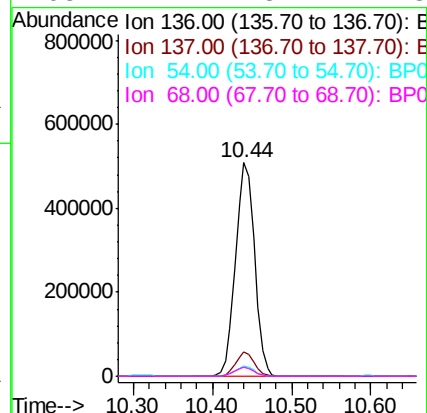
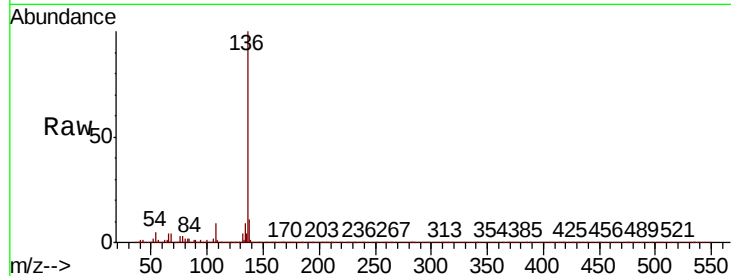




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

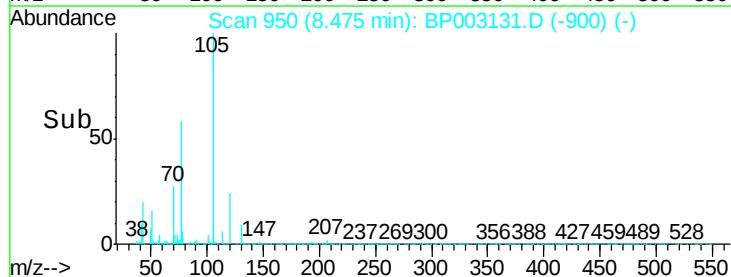
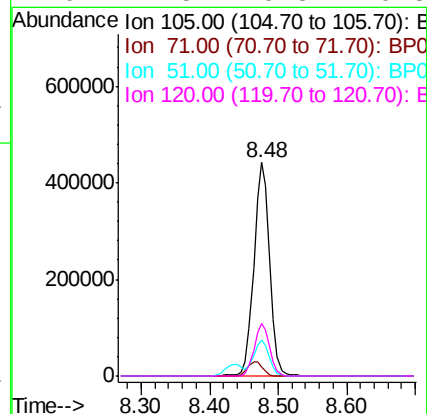
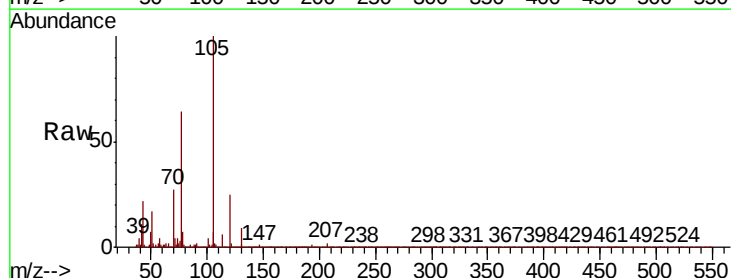
Instrument :
BNA_P
ClientSampleId :
PB131234BS

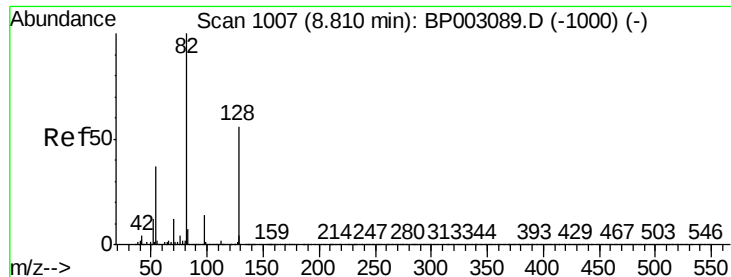
Tot Ion:136	Resp:	846611	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 4.6	3.5	5.3	
68 4.2	3.2	4.8	



#22
Acetophenone
Concen: 37.711 ng
RT: 8.48 min Scan# 950
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt	Ion:105	Resp:	710996
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.1	4.7
51	16.6	13.0	19.6
120	24.5	19.5	29.3

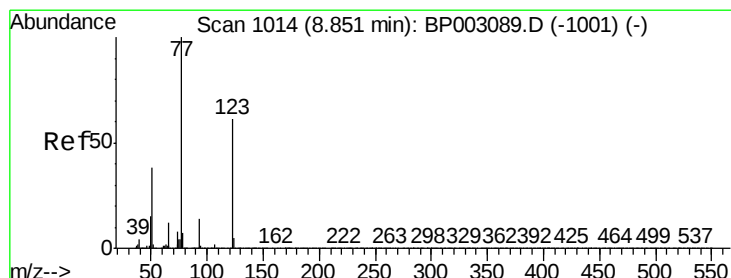
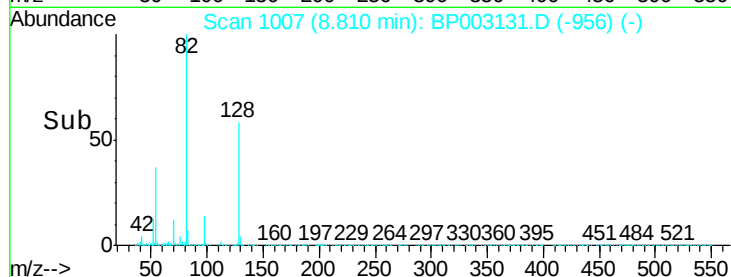
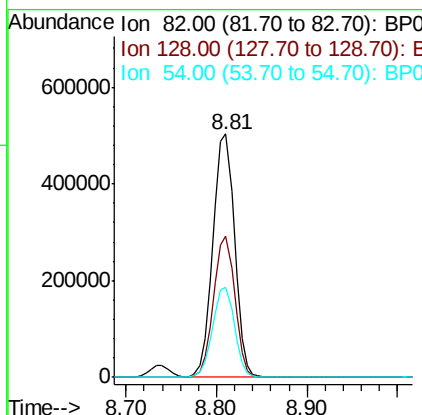
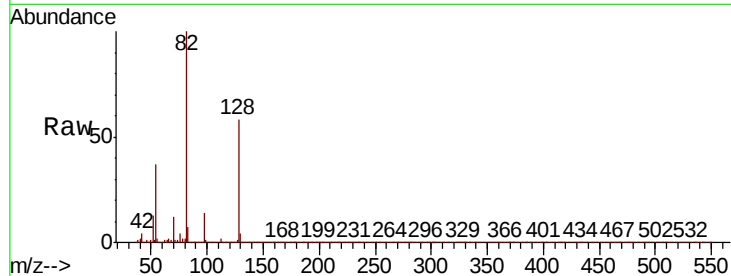




#23
Nitrobenzene-d5
Concen: 71.265 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

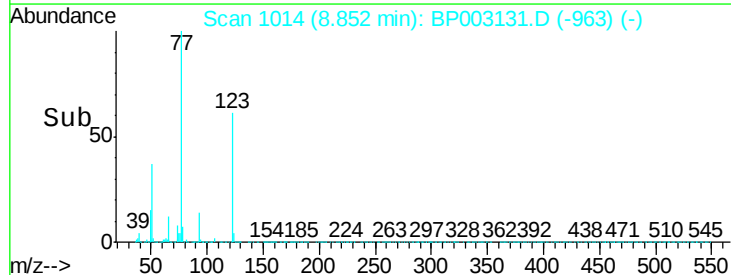
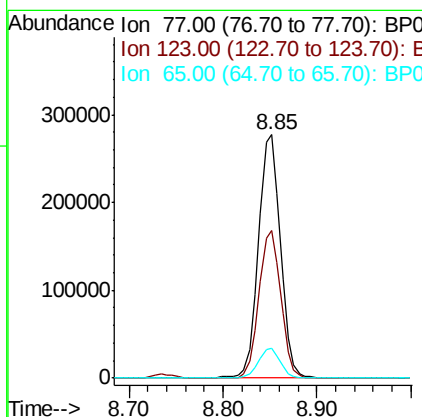
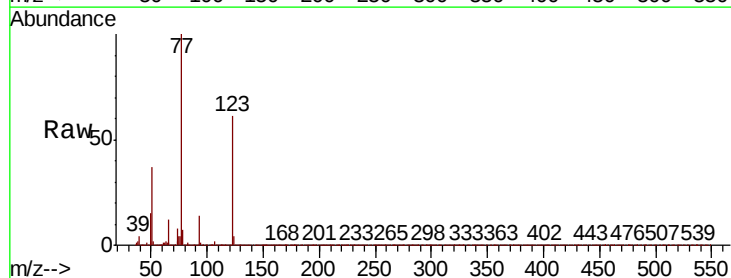
Instrument :
BNA_P
ClientSampleId :
PB131234BS

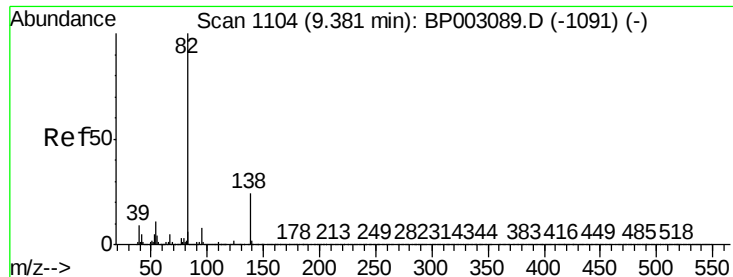
Tot Ion	82	Resp	836910
Ion Ratio	Lower	Upper	
82	100		
128	58.0	44.9	67.3
54	37.1	29.4	44.2



#24
Nitrobenzene
Concen: 38.860 ng
RT: 8.85 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	77	Resp	448231
Ion Ratio	Lower	Upper	
77	100		
123	60.8	49.0	73.4
65	12.3	9.6	14.4





#25

Isophorone

Concen: 41.053 ng

RT: 9.38 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

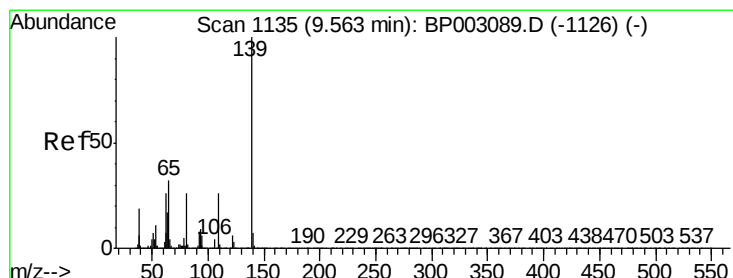
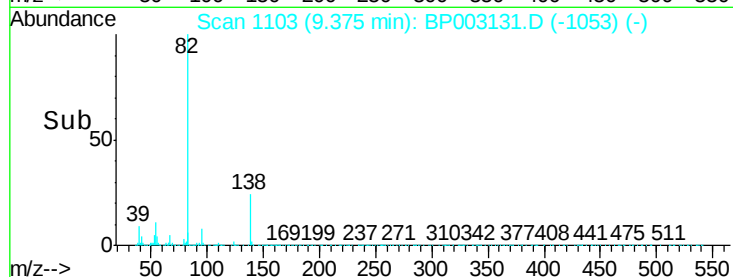
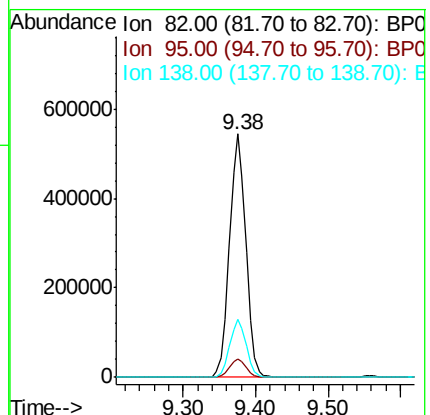
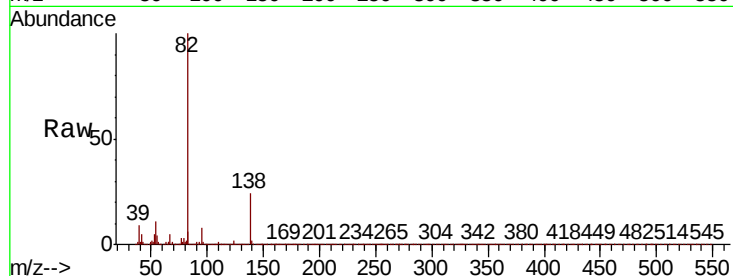
Tot Ion: 82 Resp: 850632

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

138 23.8 19.1 28.7



#26

2-Nitrophenol

Concen: 42.103 ng

RT: 9.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

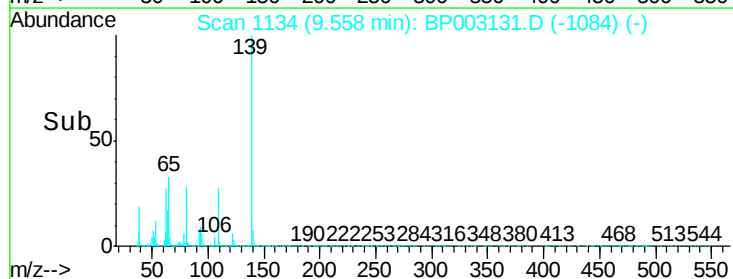
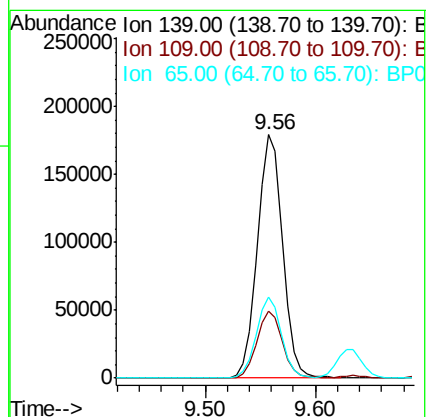
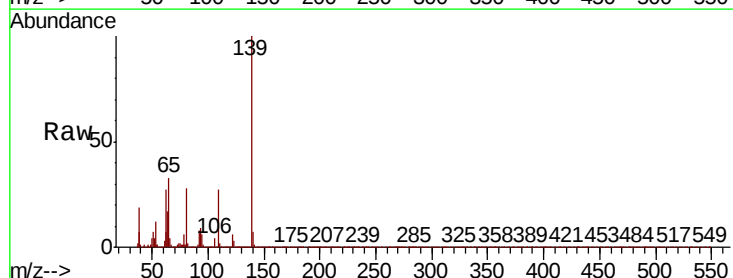
Tgt Ion: 139 Resp: 289456

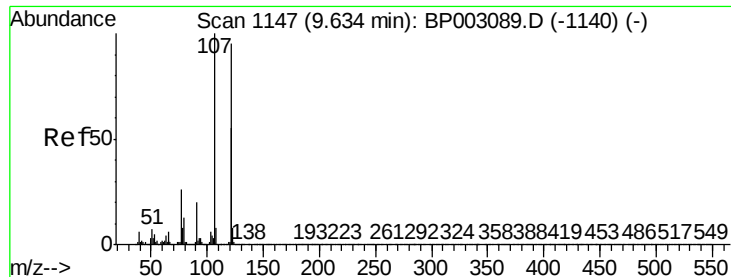
Ion Ratio Lower Upper

139 100

109 27.3 21.2 31.8

65 33.1 25.4 38.0

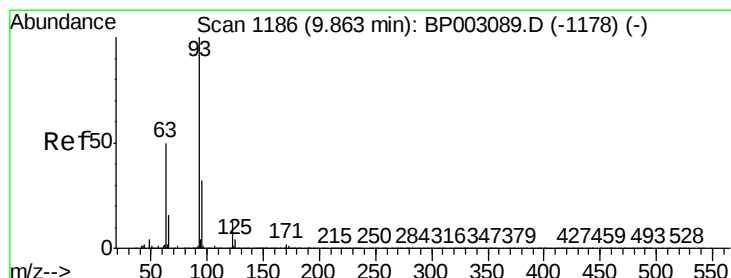
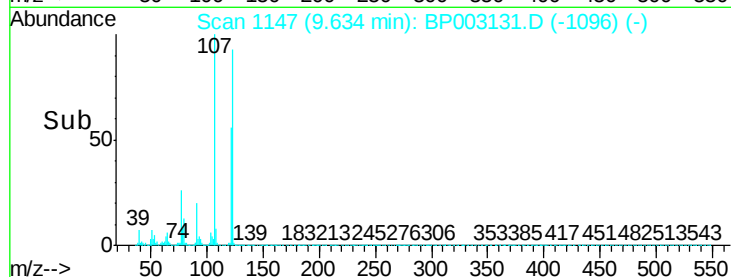
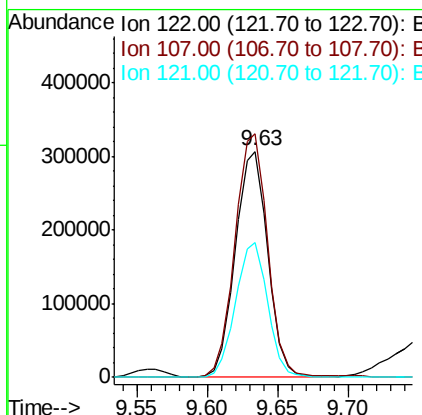
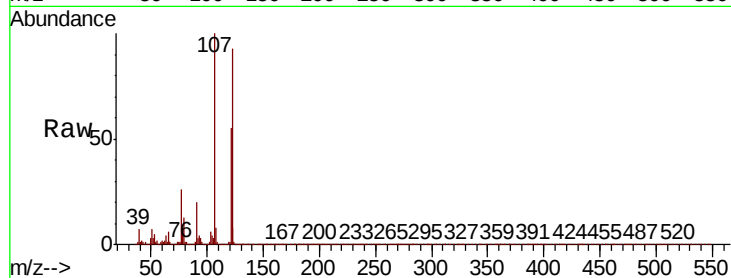




#27
2,4-Dimethylphenol
Concen: 47.550 ng
RT: 9.63 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

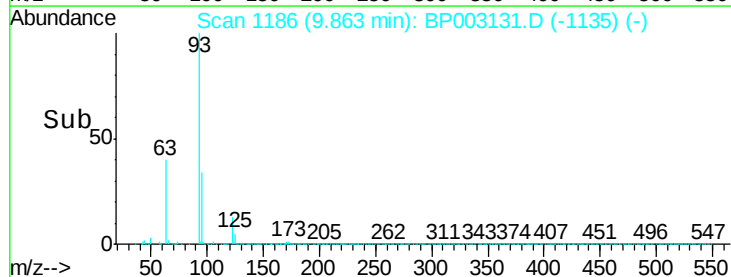
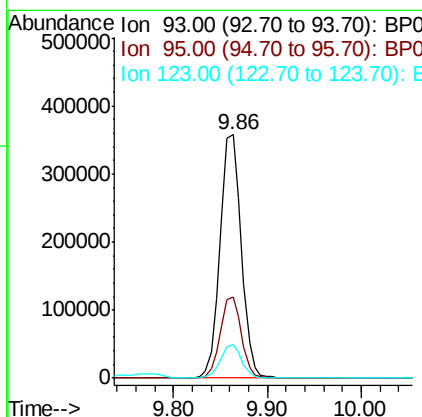
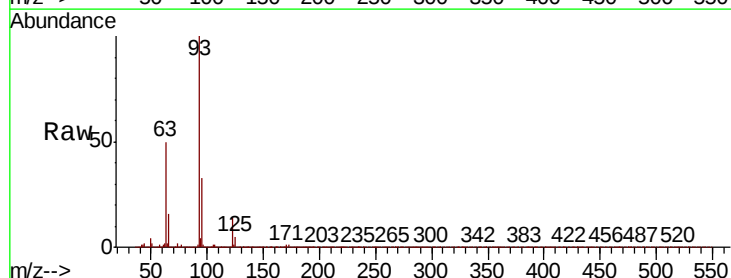
Instrument :
BNA_P
ClientSampleId :
PB131234BS

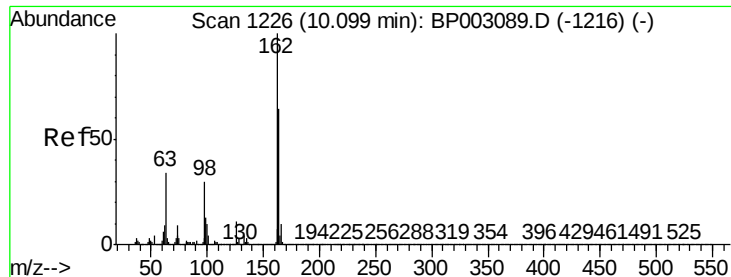
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	84.3	126.5
121	59.7	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 36.676 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.8
123	13.7	10.6	15.8

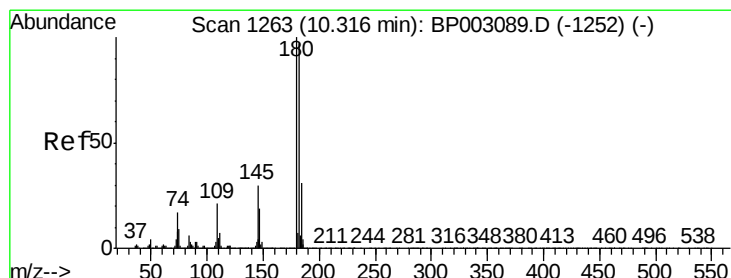
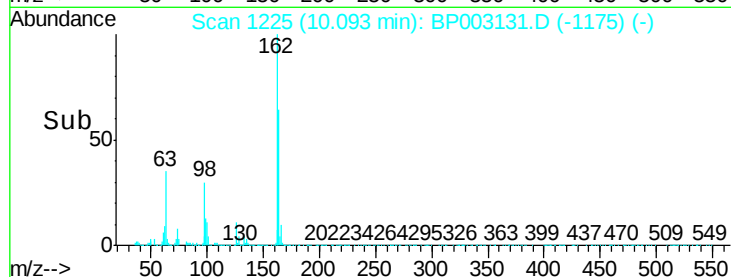
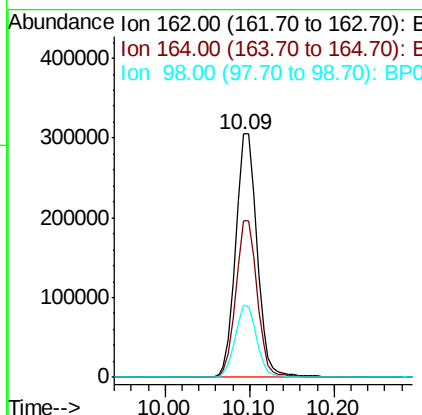
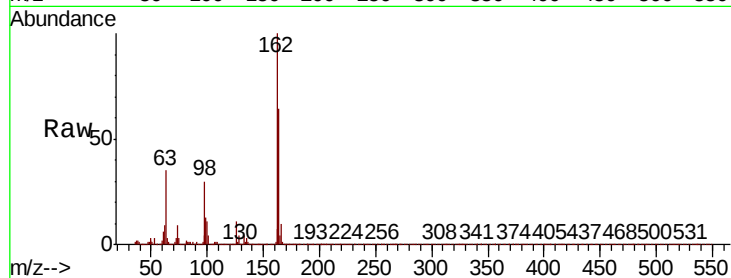




#29
2,4-Dichlorophenol
Concen: 41.318 ng
RT: 10.09 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

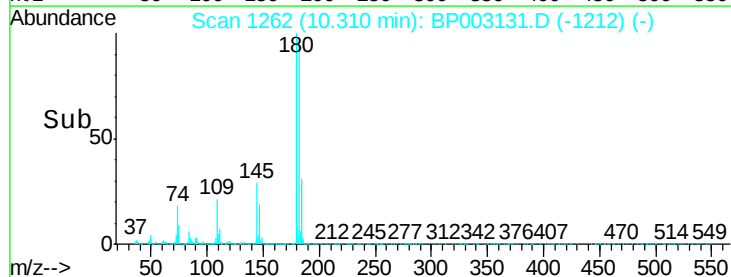
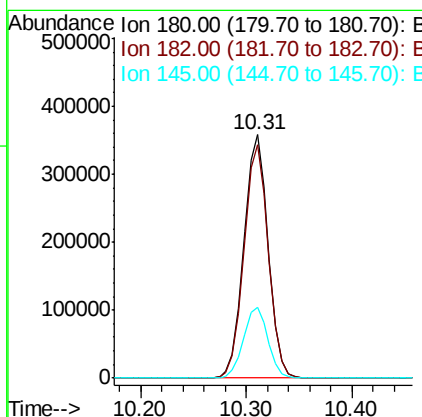
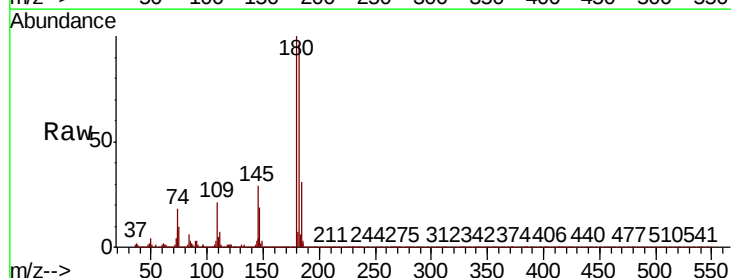
Instrument :
BNA_P
ClientSampleId :
PB131234BS

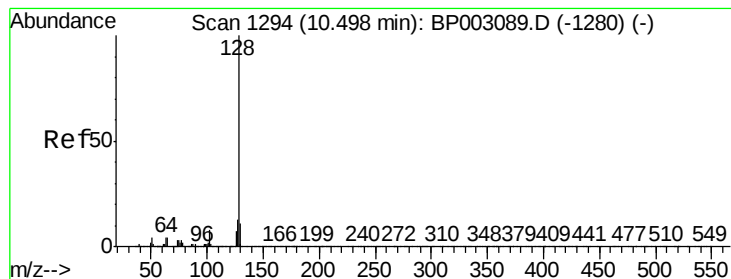
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.6	83.6
98	29.8	10.1	50.1



#30
1,2,4-Trichlorobenzene
Concen: 37.297 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.6	116.4
145	29.3	23.7	35.5





#31

Naphthalene

Concen: 38.609 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

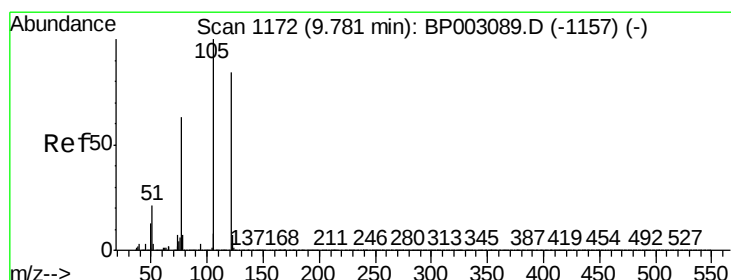
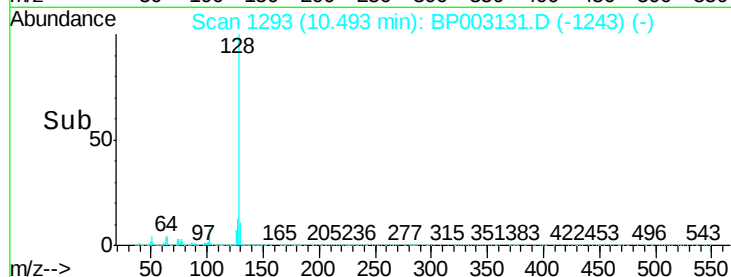
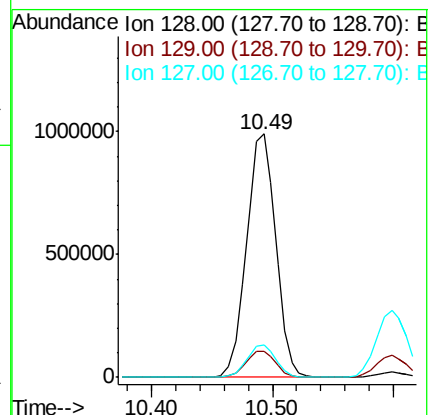
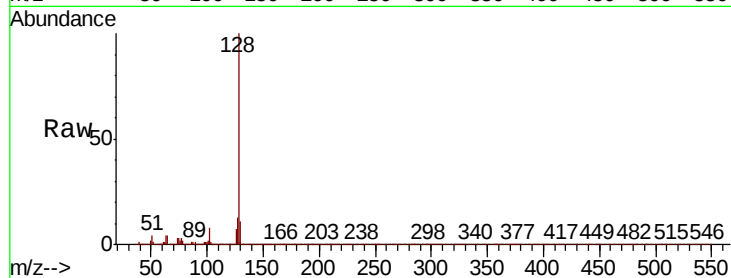
Tot Ion:128 Resp: 1679365

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 36.774 ng

RT: 9.78 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

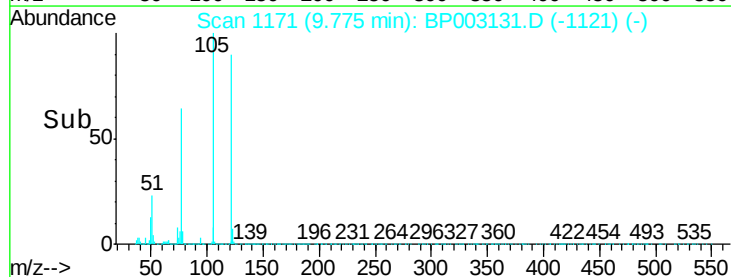
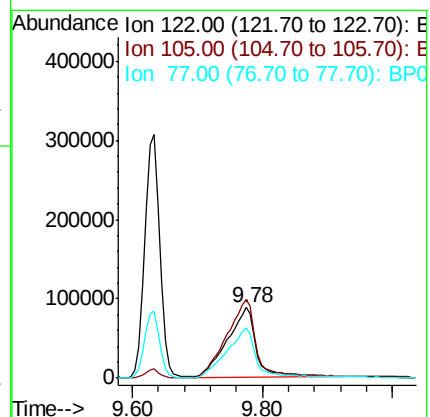
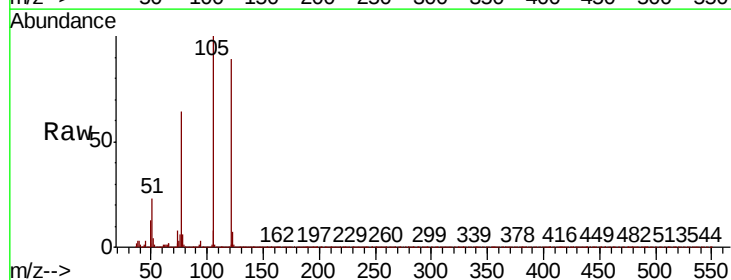
Tgt Ion:122 Resp: 273308

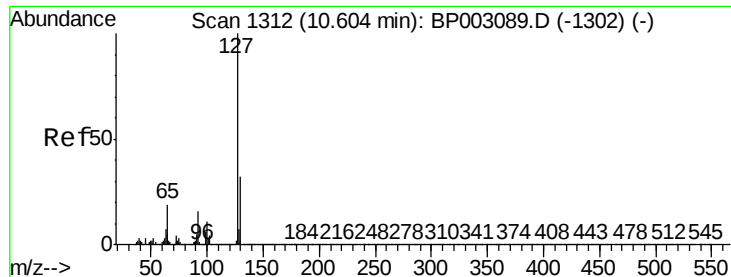
Ion Ratio Lower Upper

122 100

105 111.8 98.1 138.1

77 71.3 55.3 95.3

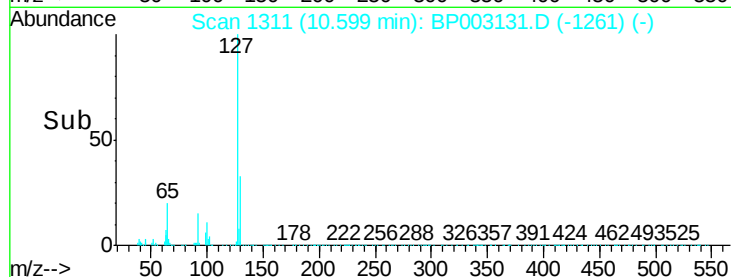
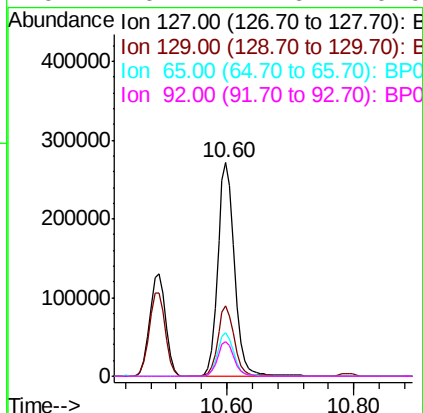
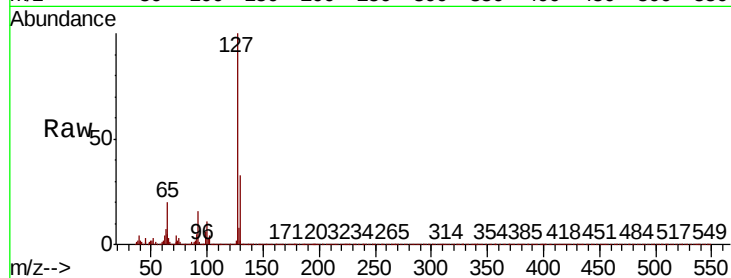




#33
4-Chloroaniline
Concen: 27.599 ng
RT: 10.60 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

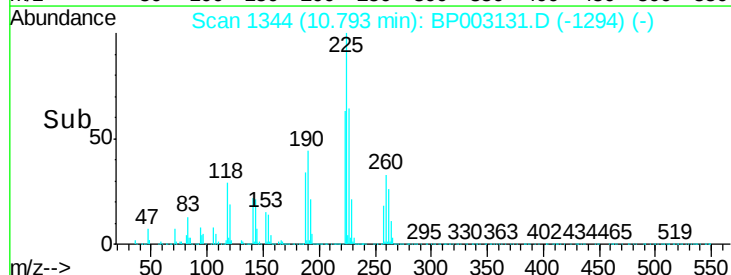
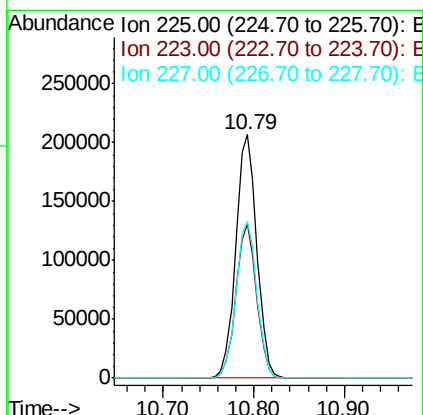
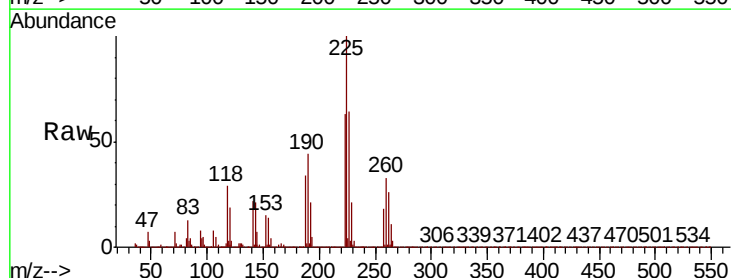
Instrument :
BNA_P
ClientSampleId :
PB131234BS

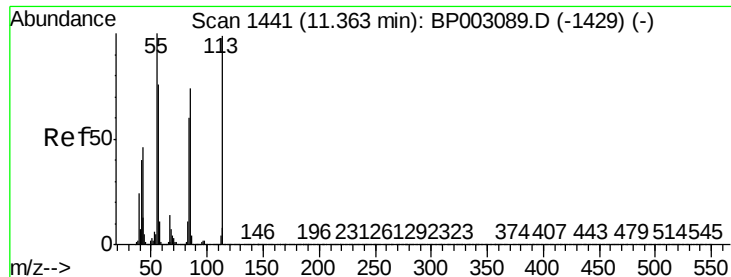
Tot Ion:	127	Resp:	501569
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	20.2	15.5	23.3
92	16.2	12.6	19.0



#34
Hexachlorobutadiene
Concen: 36.540 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:	225	Resp:	334798
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.3	52.0	78.0





#35

Caprolactam

Concen: 40.325 ng

RT: 11.36 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

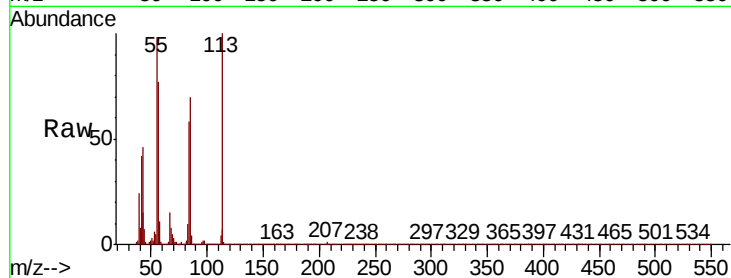
Tot Ion:113 Resp: 155380

Ion Ratio Lower Upper

113 100

55 97.6 81.3 121.3

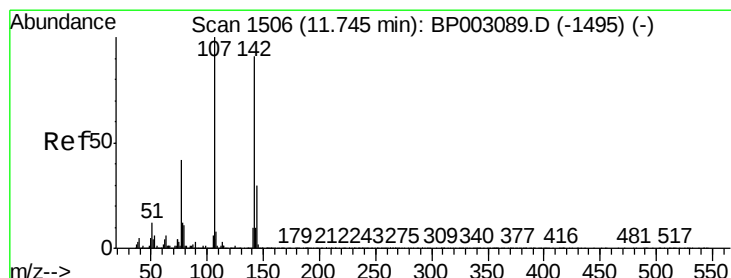
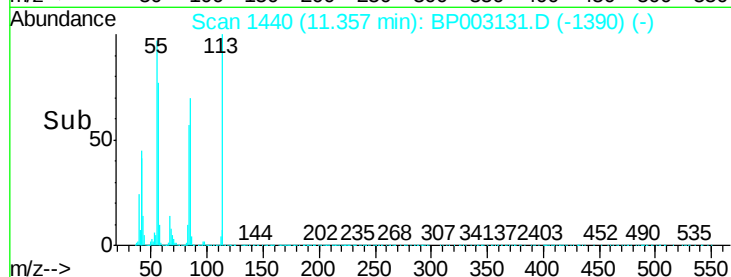
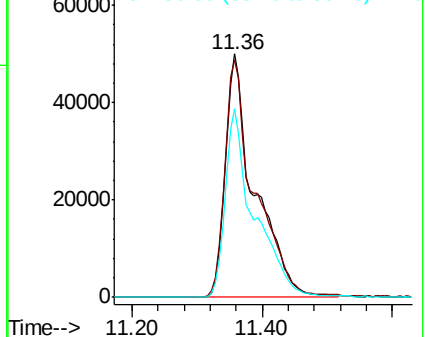
56 77.3 56.4 96.4



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: 41.073 ng

RT: 11.74 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

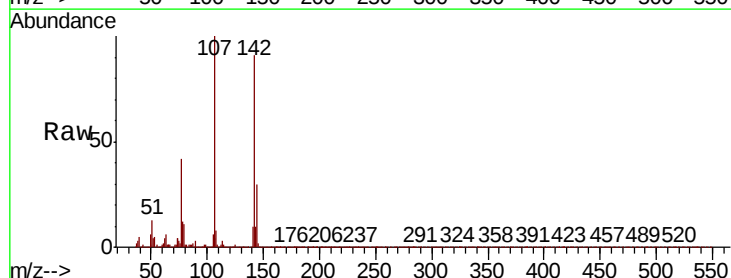
Tgt Ion:107 Resp: 491723

Ion Ratio Lower Upper

107 100

144 29.9 24.2 36.4

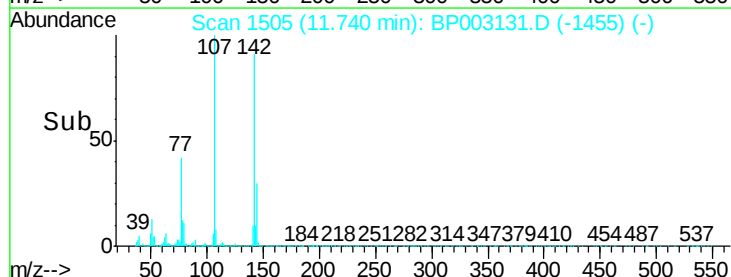
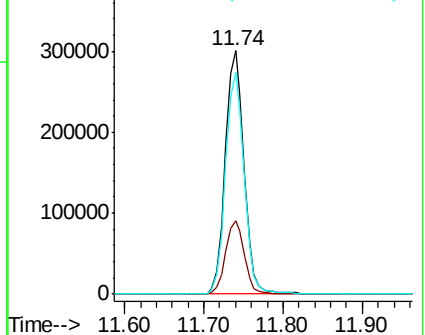
142 91.3 73.0 109.6

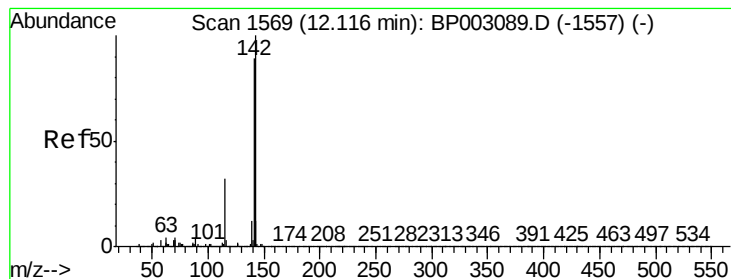


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.316 ng

RT: 12.11 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

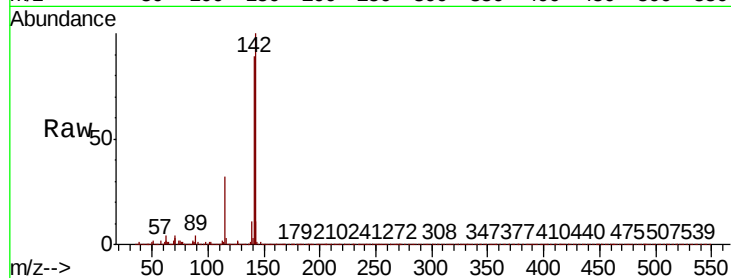
BNA_P

ClientSampleId :

PB131234BS

Tot Ion:142 Resp: 1223340

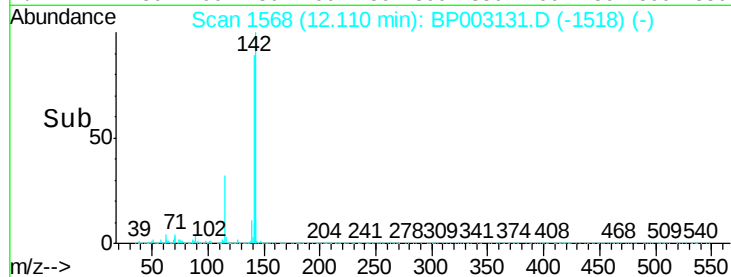
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	31.5	25.2	37.8



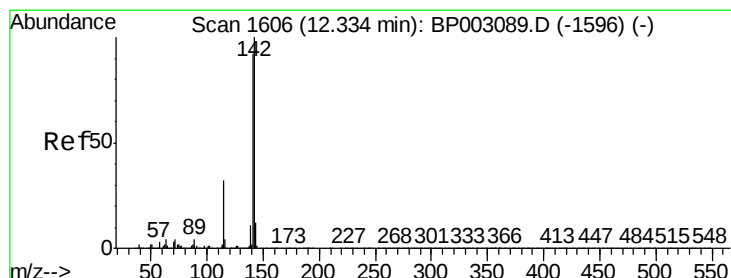
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 12.00 12.10 12.20



#38

1-Methylnaphthalene

Concen: 38.793 ng

RT: 12.33 min Scan# 1605

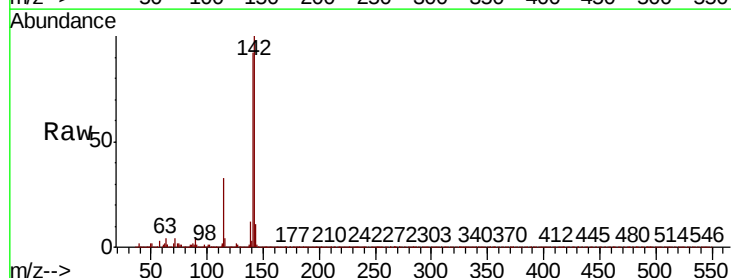
Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion:142 Resp: 1147287

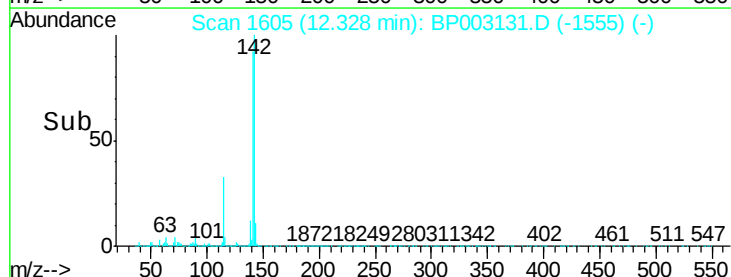
Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8
116	3.5	2.8	4.2



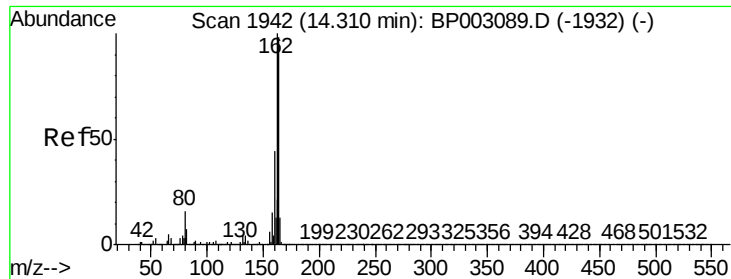
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time--> 12.20 12.30 12.40



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

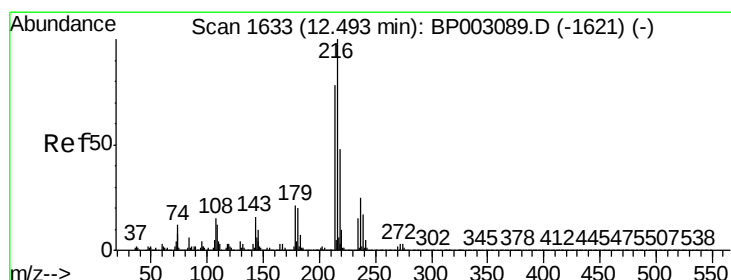
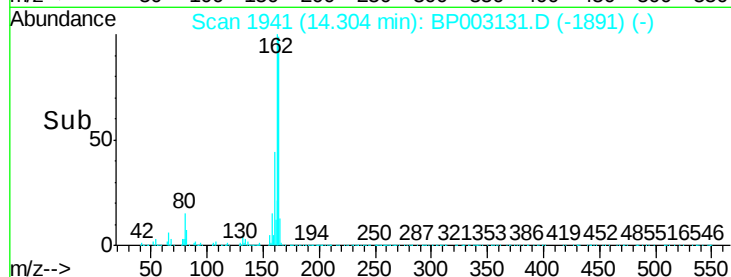
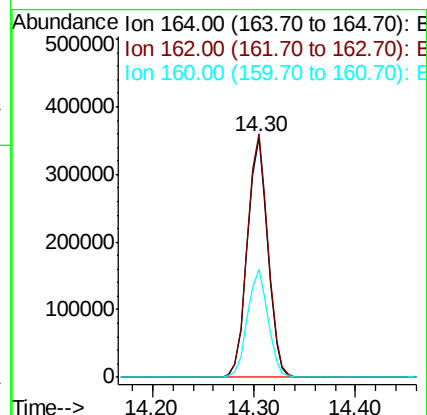
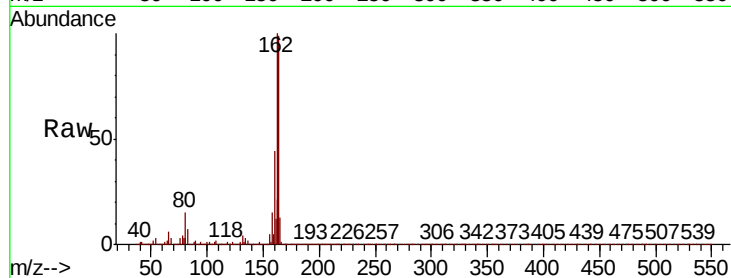
Tot Ion:164 Resp: 496652

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 45.0 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.608 ng

RT: 12.49 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion:216 Resp: 597770

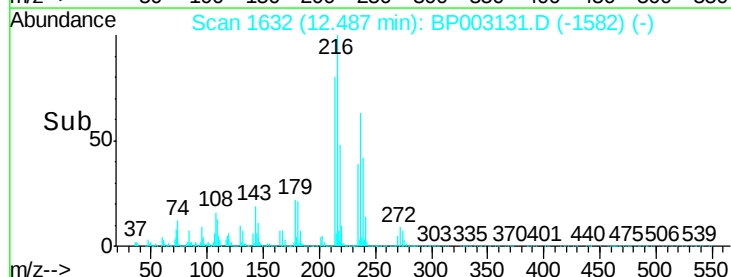
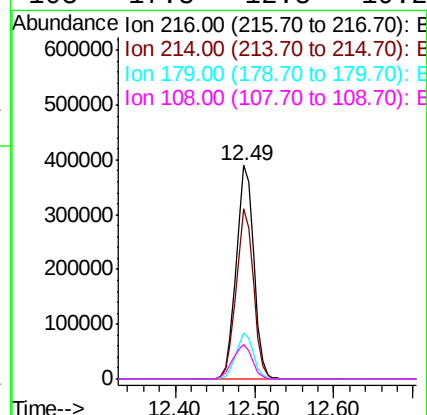
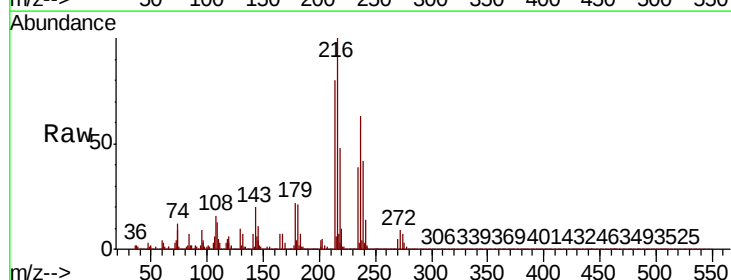
Ion Ratio Lower Upper

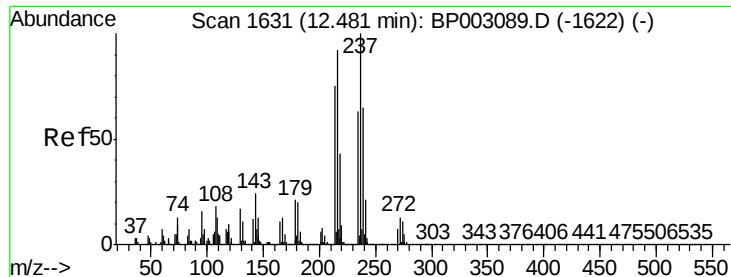
216 100

214 78.4 62.4 93.6

179 21.3 16.9 25.3

108 17.8 12.8 19.2

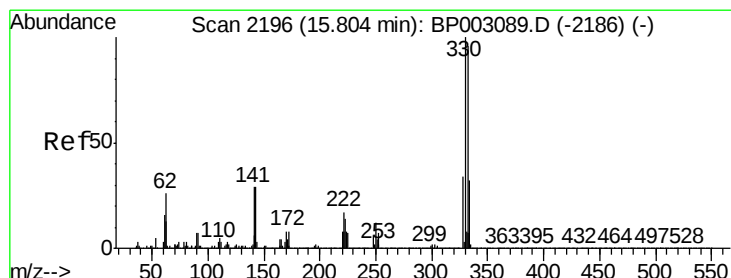
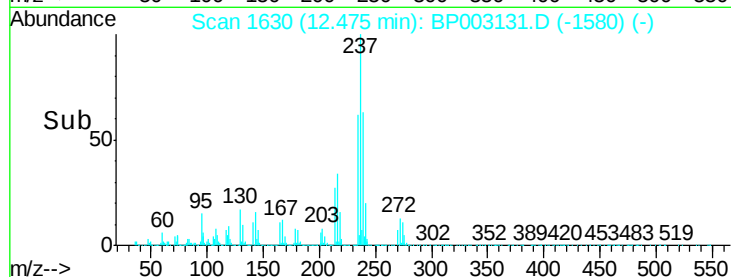
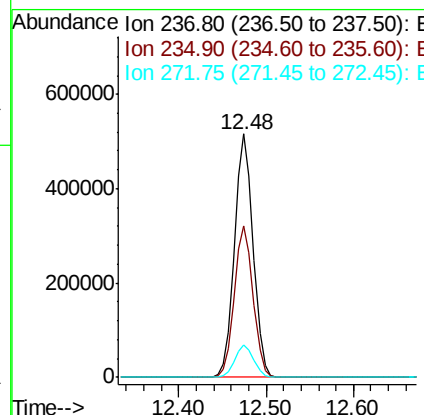
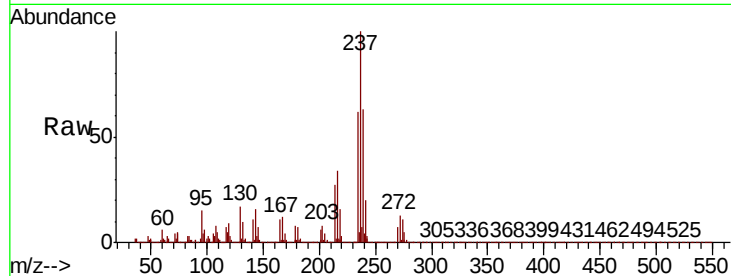




#41
Hexachlorocyclopentadiene
Concen: 107.429 ng
RT: 12.48 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

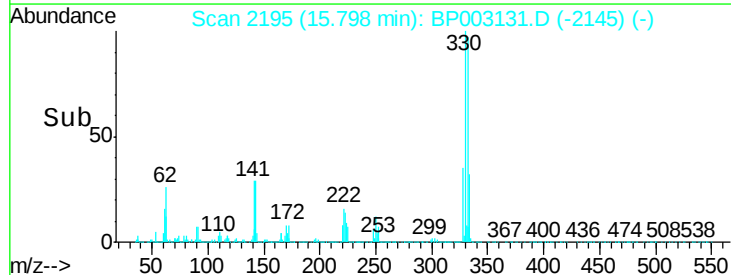
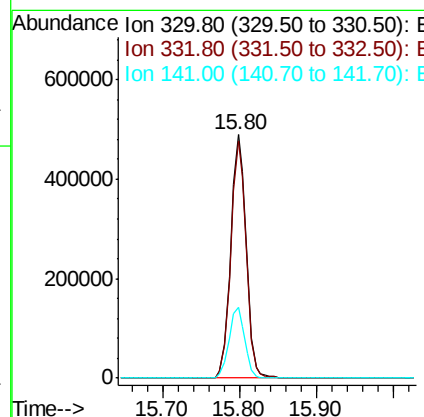
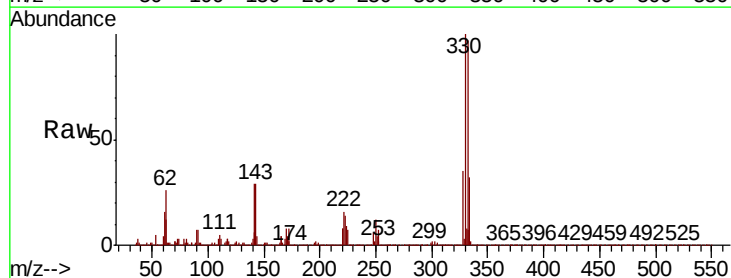
Instrument :
BNA_P
ClientSampleId :
PB131234BS

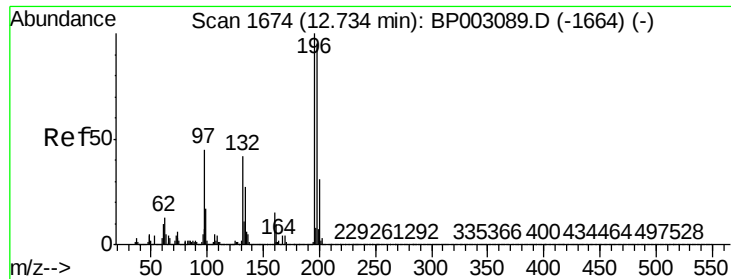
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.0	83.0
272	13.2	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 102.171 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	29.6	24.4	36.6

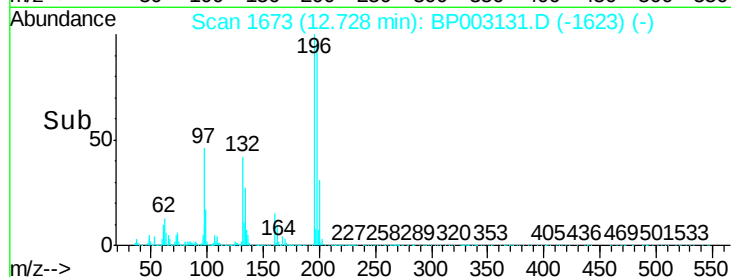
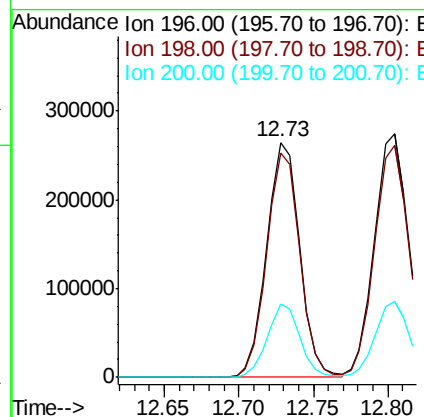
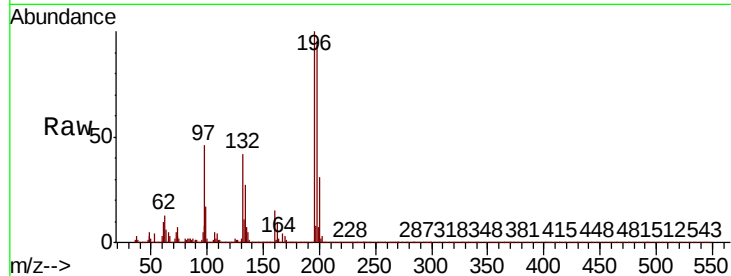




#43
 2,4,6-Trichlorophenol
 Concen: 42.056 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BP003131.D
 Acq: 27 Aug 2020 14:40

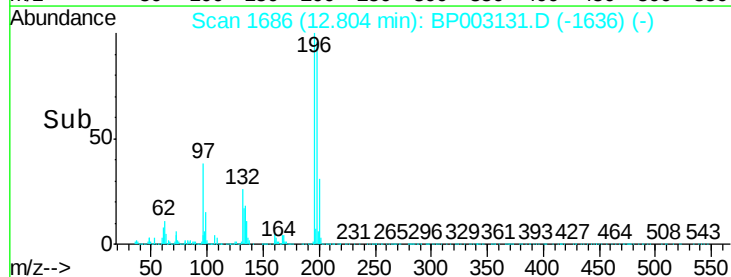
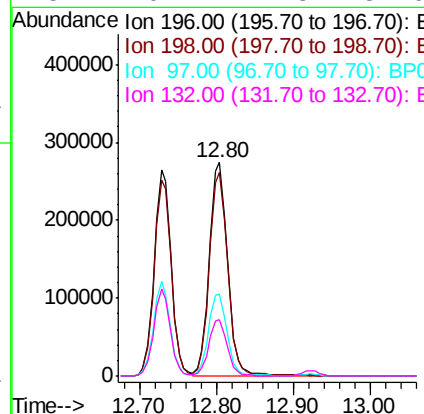
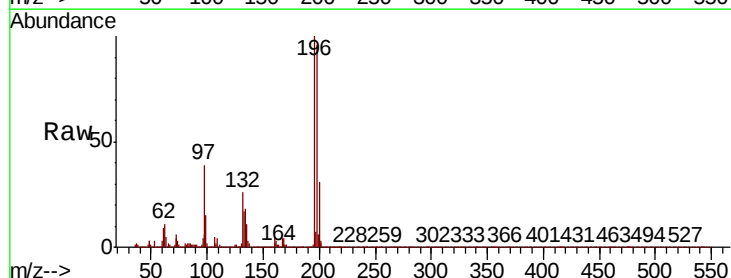
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BS

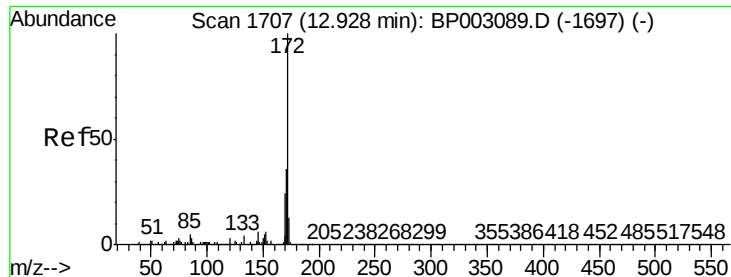
Tot Ion:196 Resp: 407070
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.8 113.6
 200 31.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.642 ng
 RT: 12.80 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP003131.D
 Acq: 27 Aug 2020 14:40

Tgt Ion:196 Resp: 446819
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 97 38.6 30.3 45.5
 132 26.2 21.3 31.9

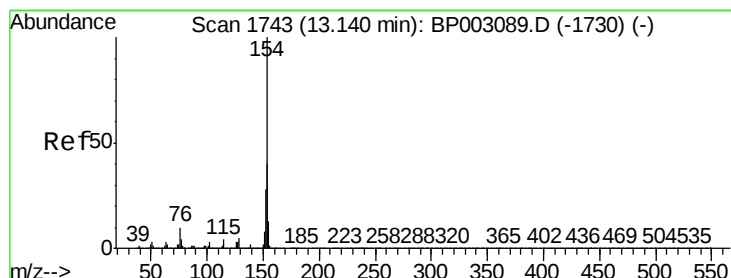
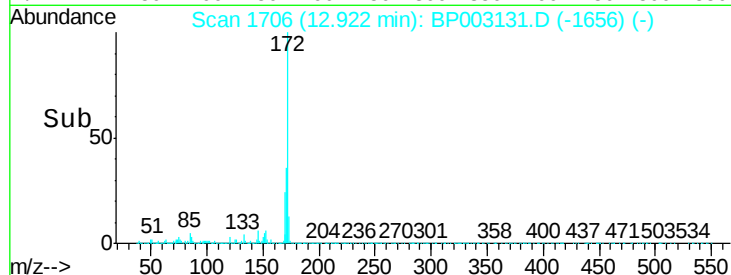
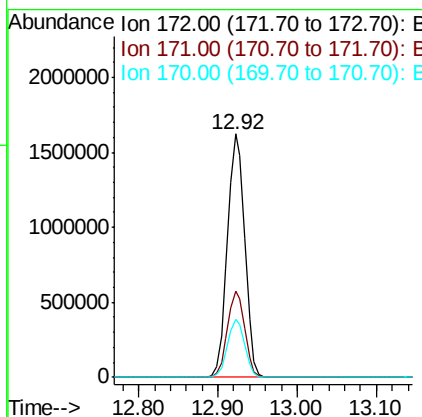
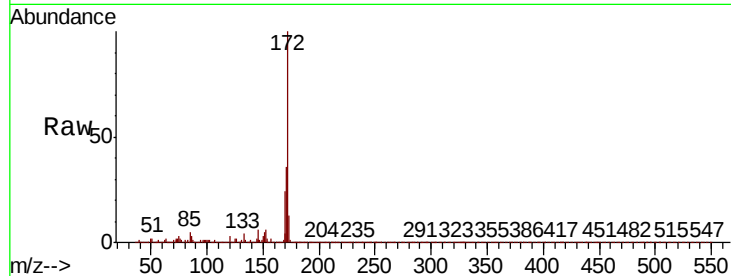




#45
2-Fluorobiphenyl
Concen: 72.490 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

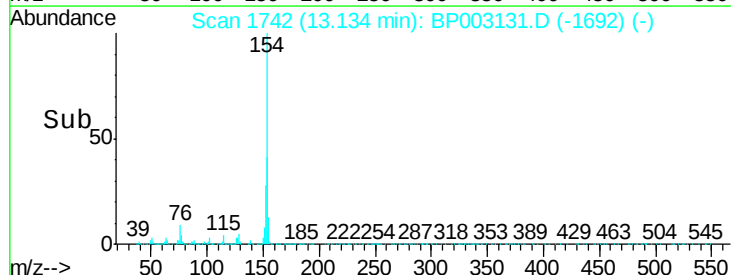
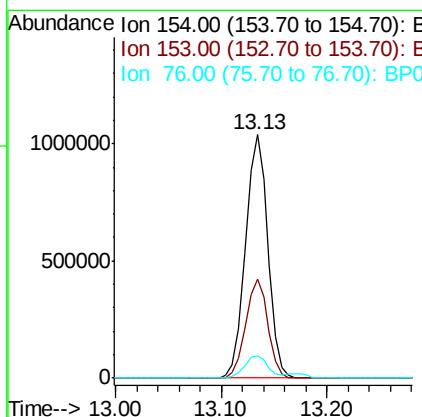
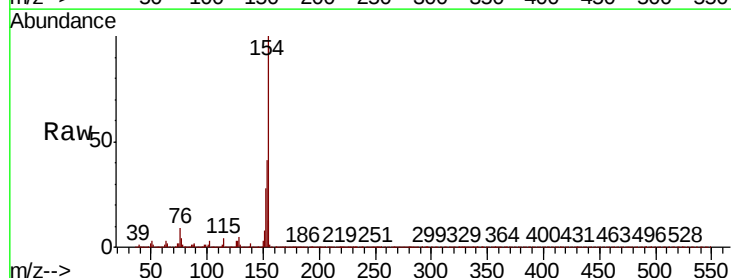
Instrument :
BNA_P
ClientSampleId :
PB131234BS

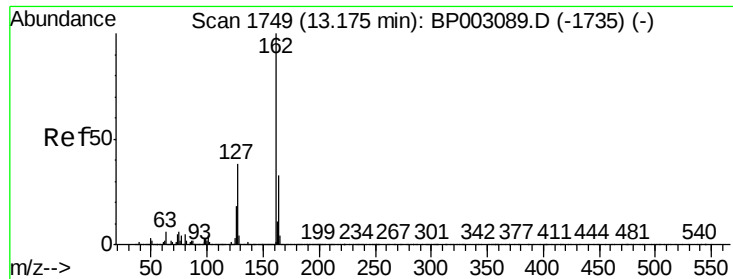
Tot Ion:172 Resp: 2458400
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.900 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:154 Resp: 1523633
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 9.2 0.0 29.7

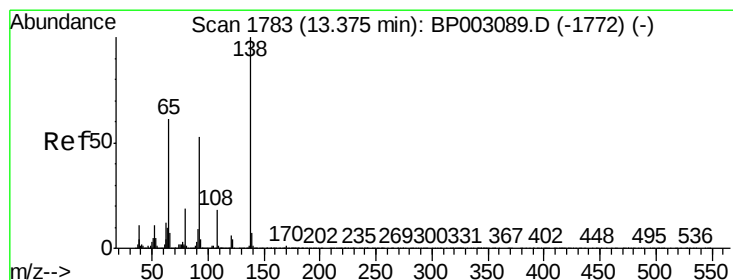
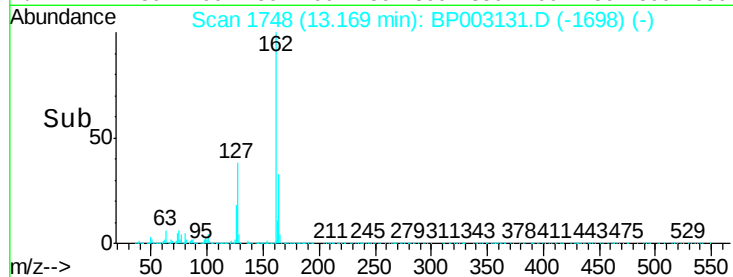
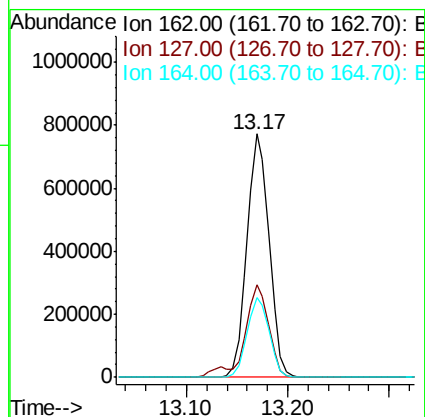
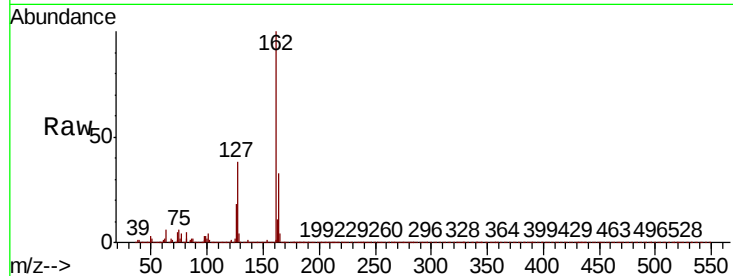




#47
2-Chloronaphthalene
Concen: 38.310 ng
RT: 13.17 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

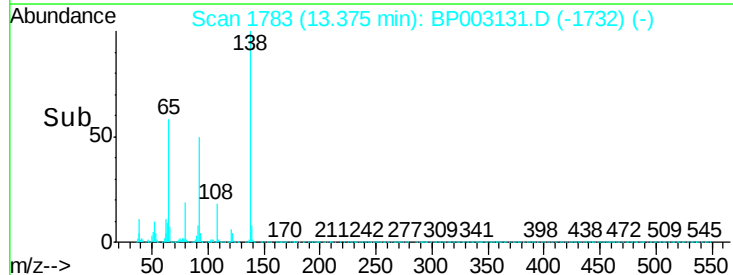
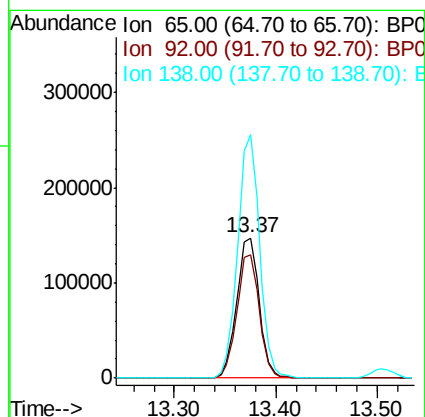
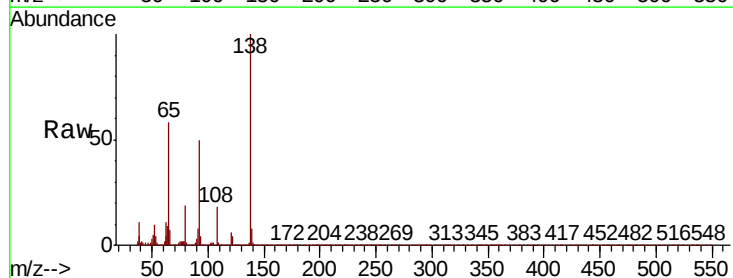
Instrument :
BNA_P
ClientSampleId :
PB131234BS

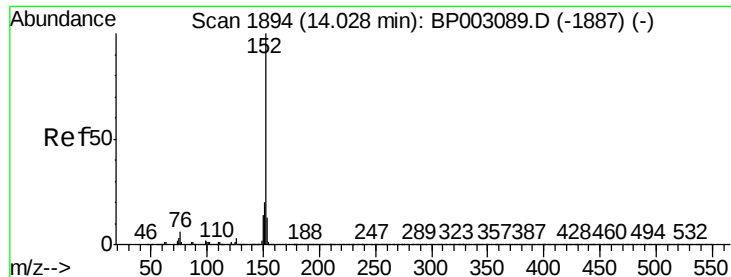
Tot Ion:162 Resp: 1168204
Ion Ratio Lower Upper
162 100
127 37.8 30.6 45.8
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 39.882 ng
RT: 13.37 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion: 65 Resp: 227706
Ion Ratio Lower Upper
65 100
92 87.3 70.2 105.4
138 173.2 131.7 197.5





#49

Acenaphthylene

Concen: 40.966 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

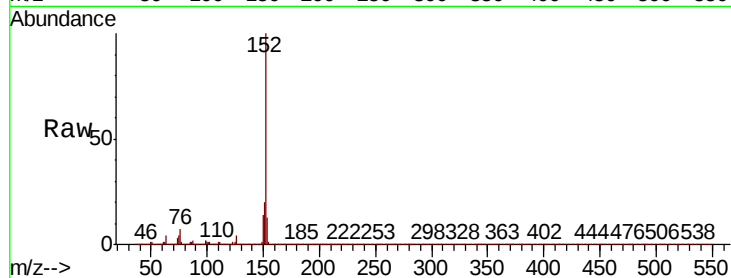
BNA_P

ClientSampleId :

PB131234BS

Tot Ion:152 Resp: 1888951

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.3	10.5	15.7

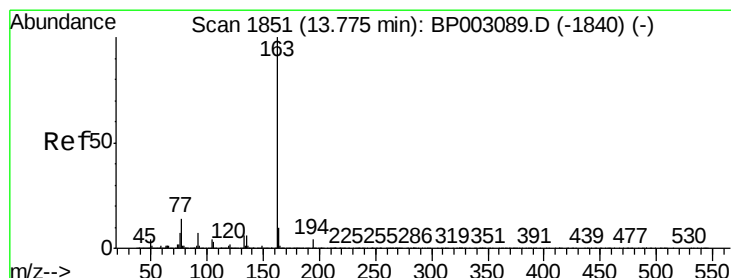
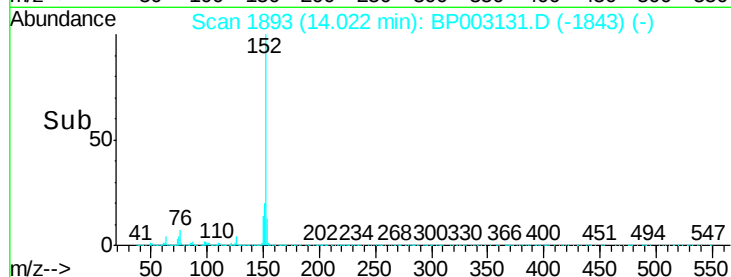
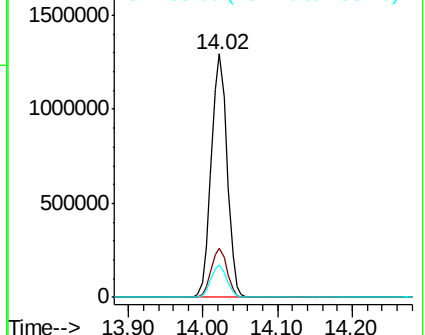


Abundance

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: 38.598 ng

RT: 13.76 min Scan# 1849

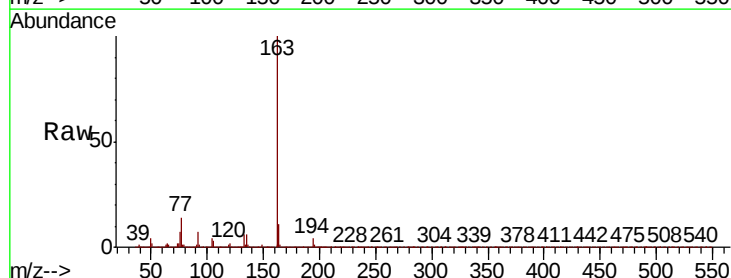
Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion:163 Resp: 1461874

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.1	12.1

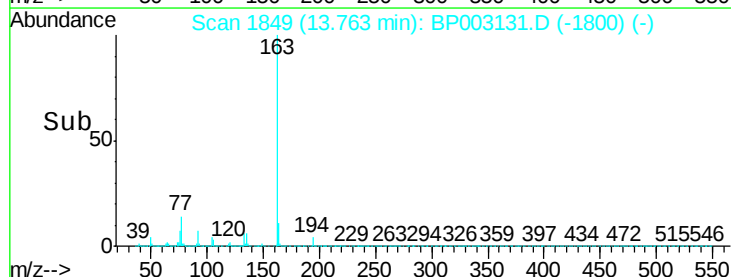
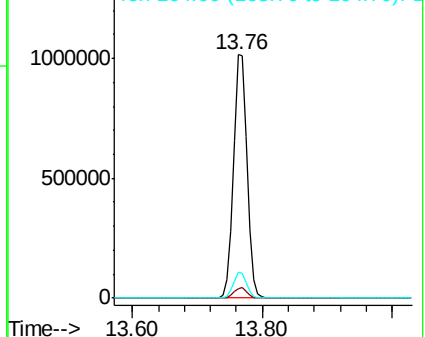


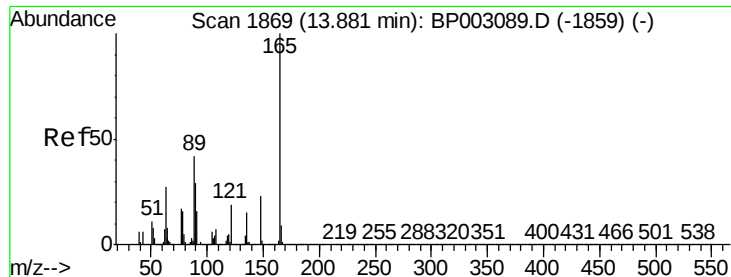
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

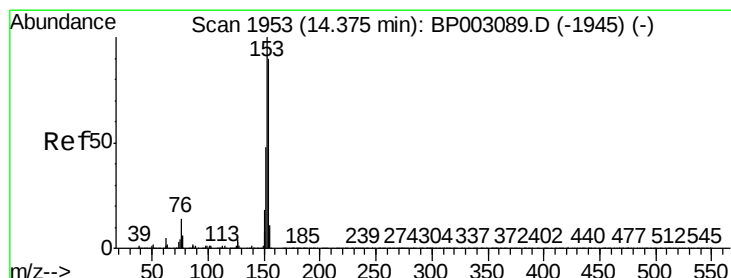
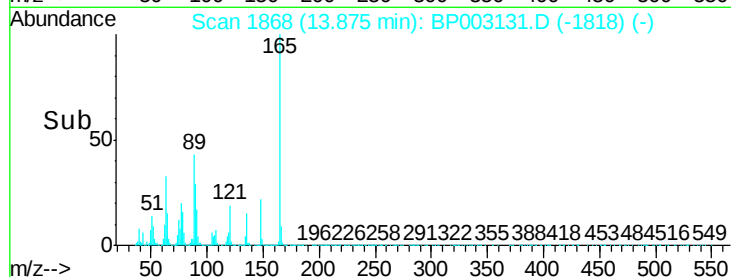
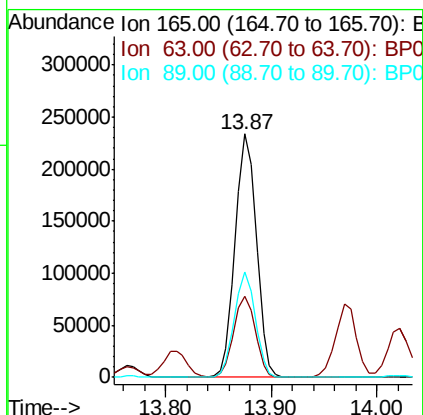
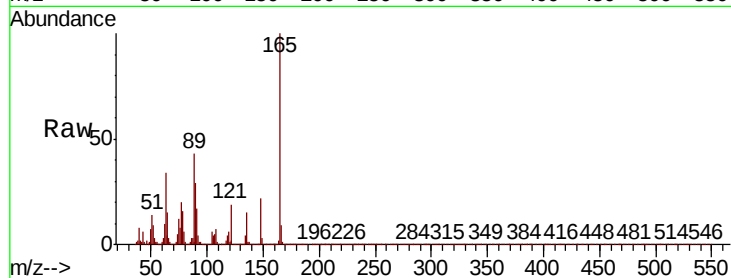




#51
2,6-Dinitrotoluene
Concen: 41.290 ng
RT: 13.87 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

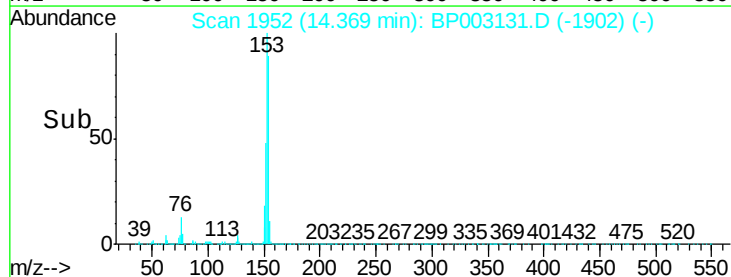
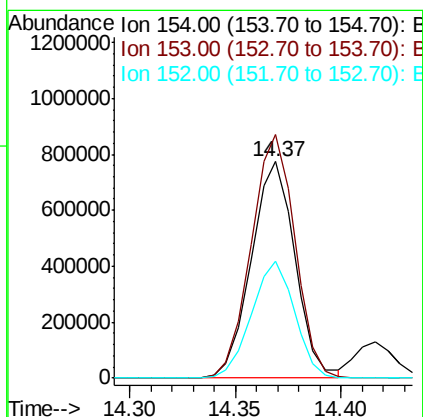
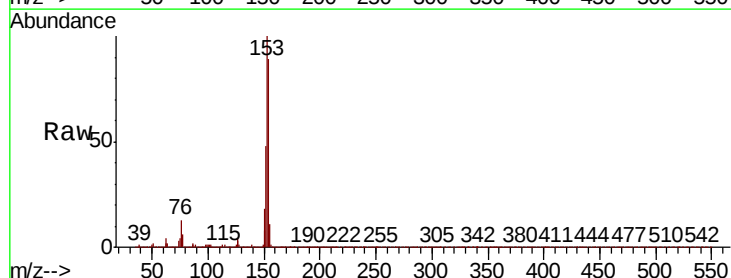
Instrument :
BNA_P
ClientSampleId :
PB131234BS

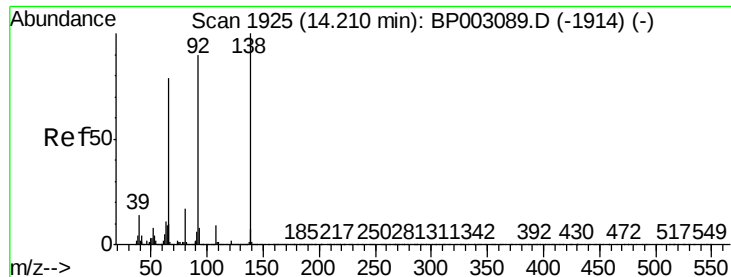
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.5	27.5	41.3
89	43.3	33.6	50.4



#52
Acenaphthene
Concen: 39.393 ng
RT: 14.37 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.2	133.8
152	53.9	42.5	63.7

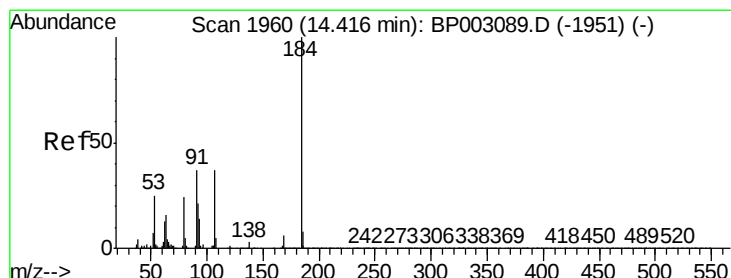
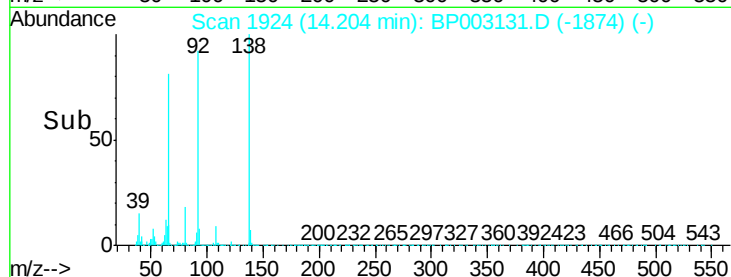
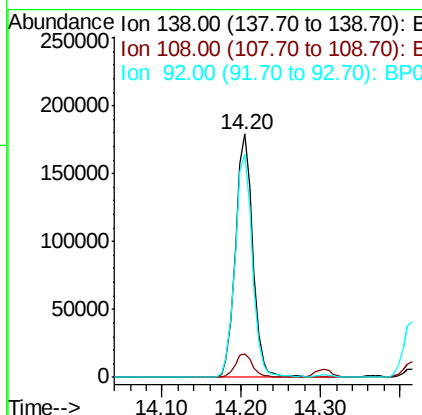
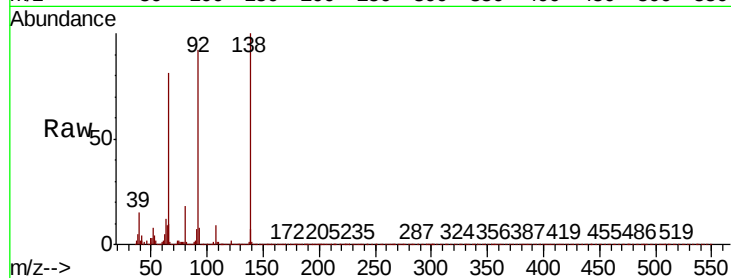




#53
3-Nitroaniline
Concen: 30.312 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

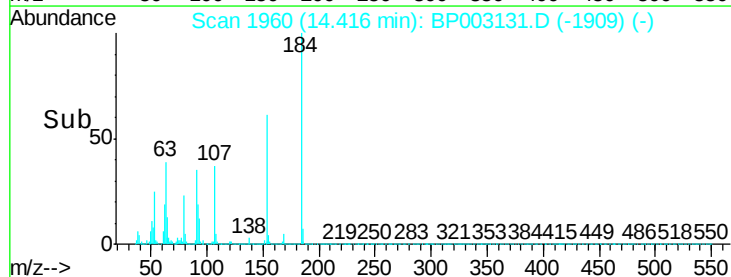
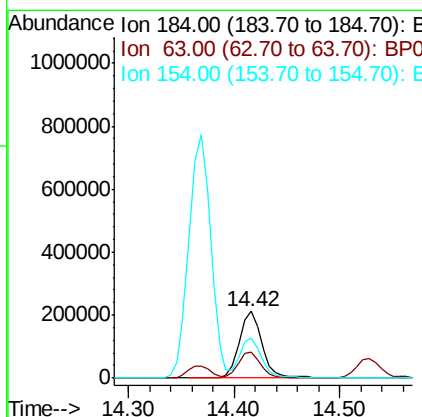
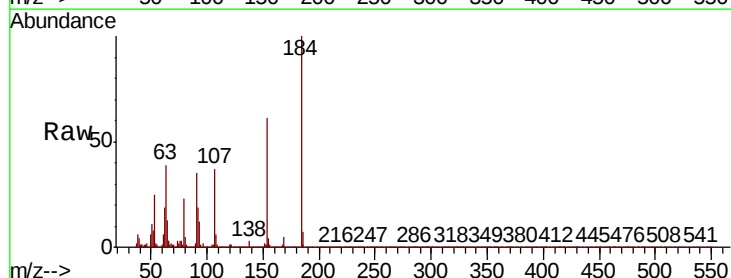
Instrument :
BNA_P
ClientSampleId :
PB131234BS

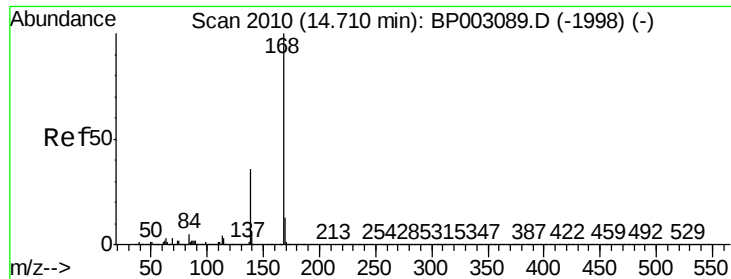
Tot Ion:138 Resp: 270329
Ion Ratio Lower Upper
138 100
108 9.4 7.4 11.0
92 91.7 72.2 108.2



#54
2,4-Dinitrophenol
Concen: 73.543 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:184 Resp: 313253
Ion Ratio Lower Upper
184 100
63 38.6 32.0 48.0
154 60.8 48.2 72.2





#55

Dibenzofuran

Concen: 39.632 ng

RT: 14.70 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

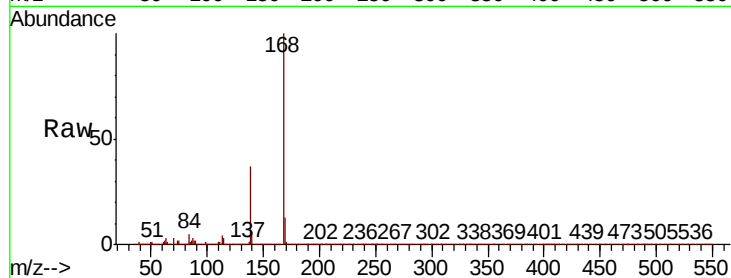
Tot Ion:168 Resp: 1763170

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.3	43.9
169	13.4	10.6	15.8

168 100

139 36.9 29.3 43.9

169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

14.70

1500000

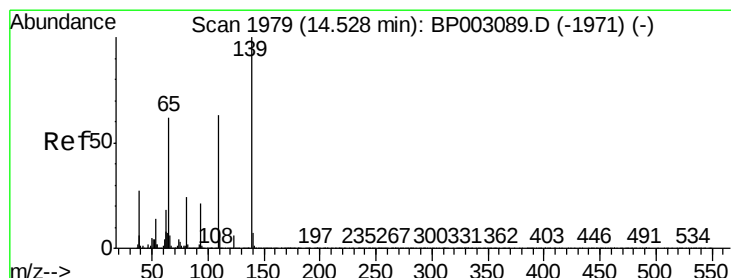
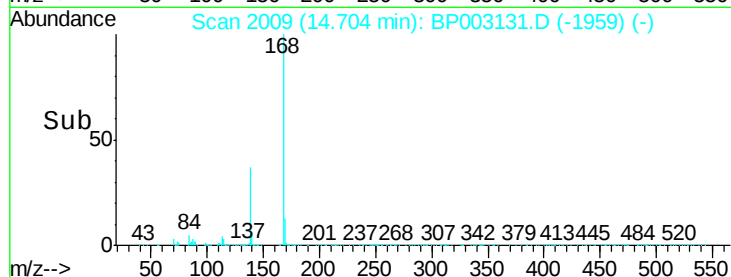
1000000

500000

0

14.60 14.70 14.80

Time-->



#56

4-Nitrophenol

Concen: 88.453 ng

RT: 14.53 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

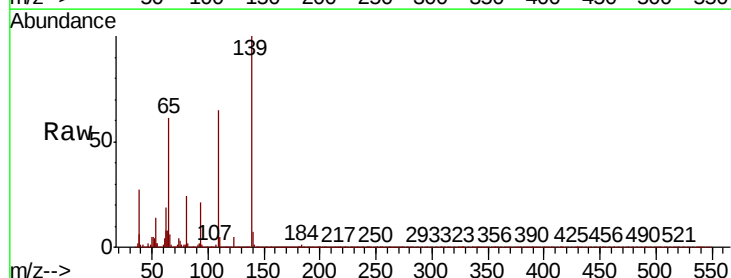
Tgt Ion:139 Resp: 567519

Ion	Ratio	Lower	Upper
139	100		
109	64.6	42.8	82.8
65	61.5	41.7	81.7

139 100

109 64.6 42.8 82.8

65 61.5 41.7 81.7



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): BPO

600000

500000

400000

300000

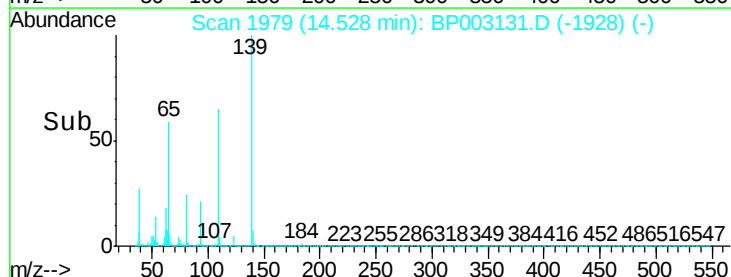
200000

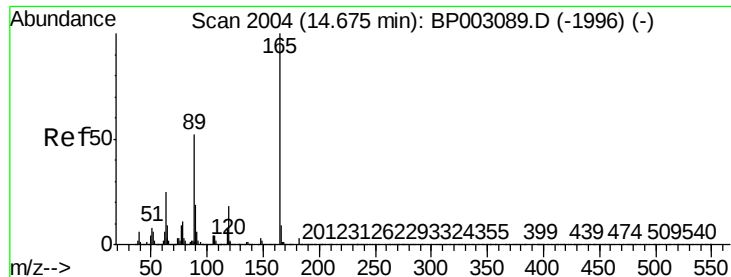
100000

0

14.40 14.50 14.60 14.70

Time-->

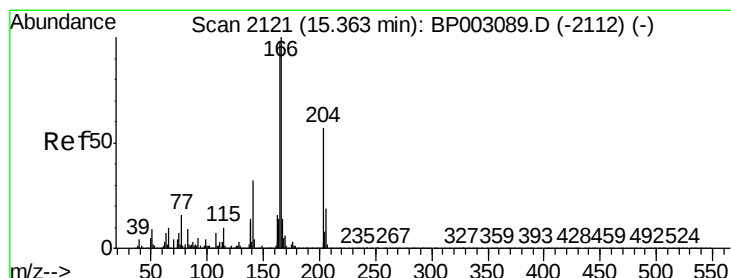
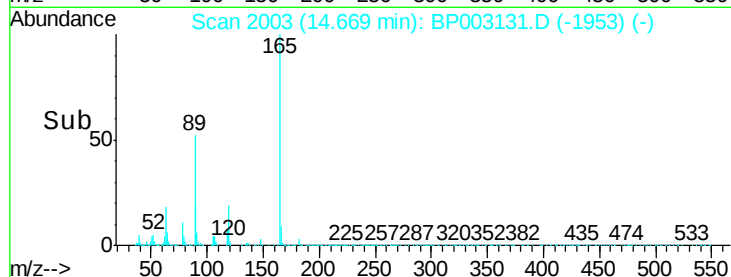
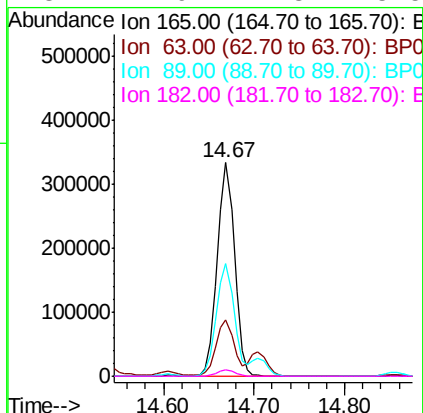
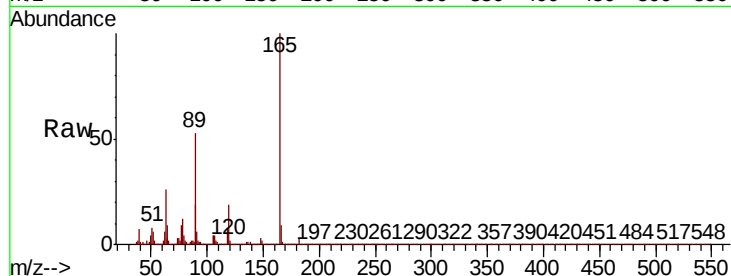




#57
2,4-Dinitrotoluene
Concen: 41.591 ng
RT: 14.67 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

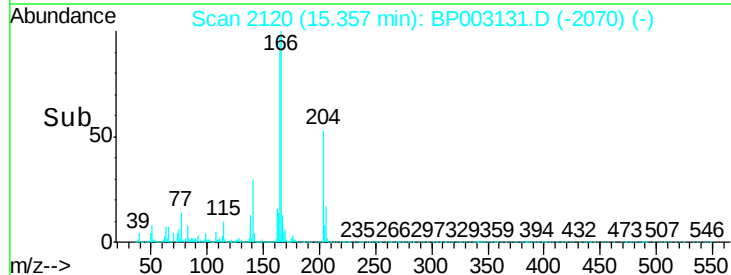
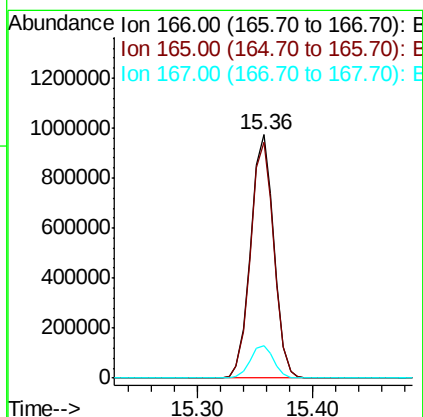
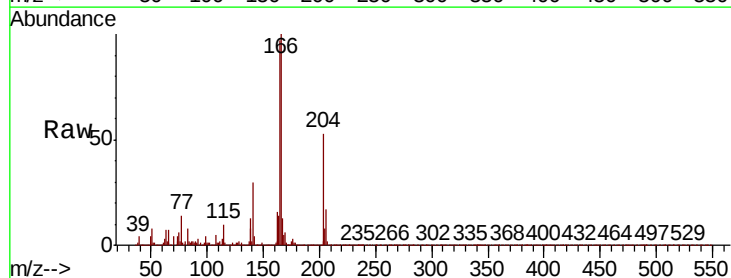
Instrument :
BNA_P
ClientSampleId :
PB131234BS

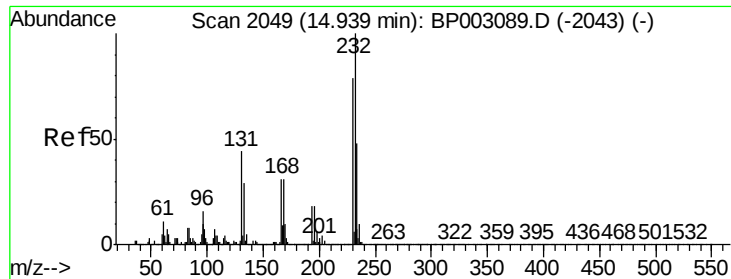
Tot Ion:165 Resp: 440194
Ion Ratio Lower Upper
165 100
63 26.4 20.3 30.5
89 52.8 42.0 63.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 39.773 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:166 Resp: 1363034
Ion Ratio Lower Upper
166 100
165 97.1 78.3 117.5
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.921 ng

RT: 14.93 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

Tot Ion:232 Resp: 388316

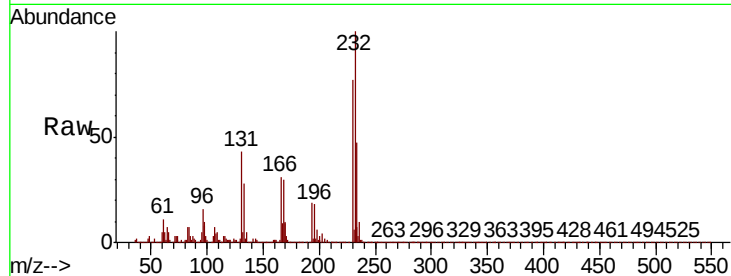
Ion Ratio Lower Upper

232 100

131 42.2 34.3 51.5

130 2.2 1.8 2.6

166 30.2 24.2 36.2

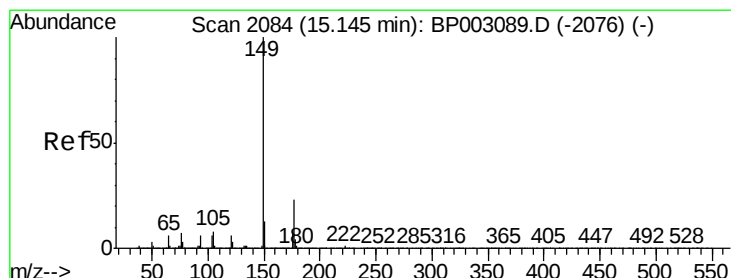
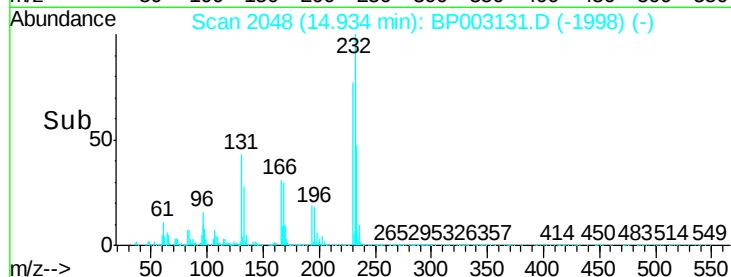
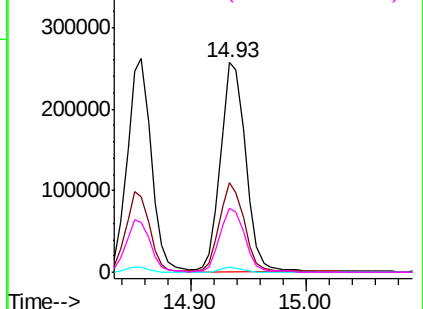


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.709 ng

RT: 15.14 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

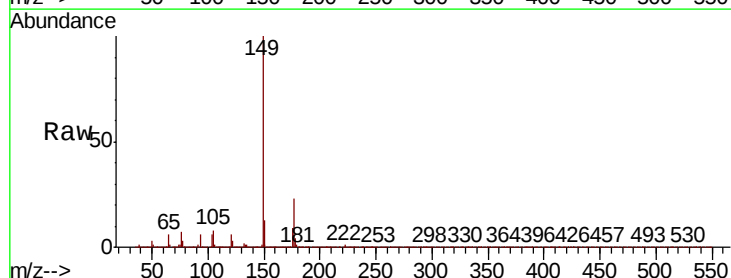
Tgt Ion:149 Resp: 1438332

Ion Ratio Lower Upper

149 100

177 22.5 18.1 27.1

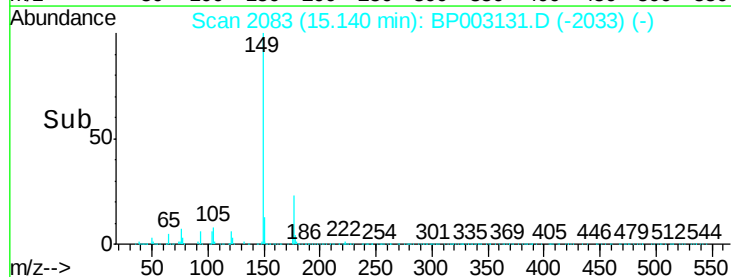
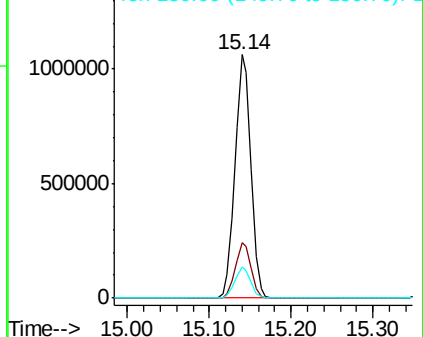
150 12.8 10.2 15.4



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

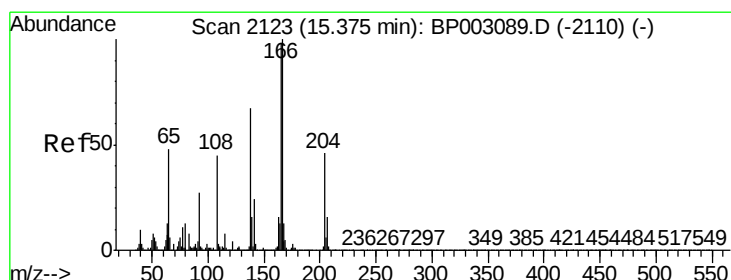
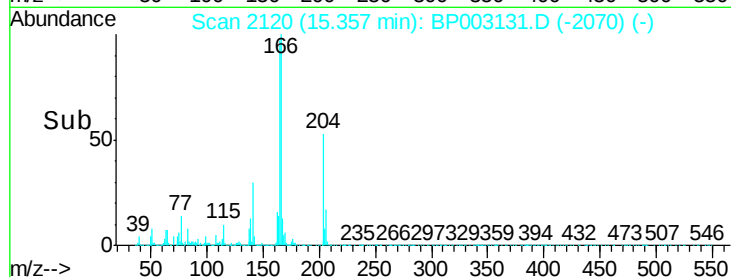
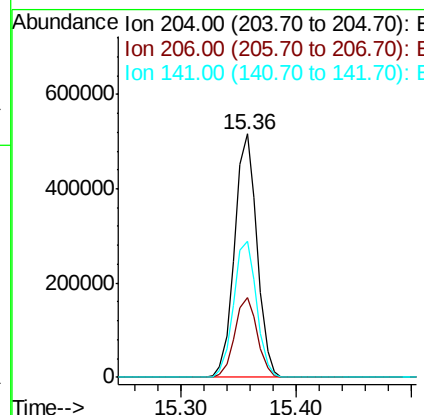
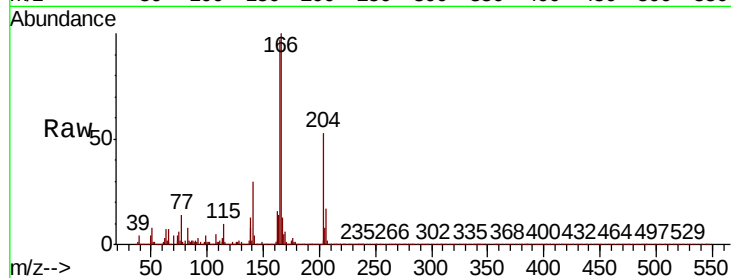




#61
4-Chlorophenyl-phenylether
Concen: 39.075 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

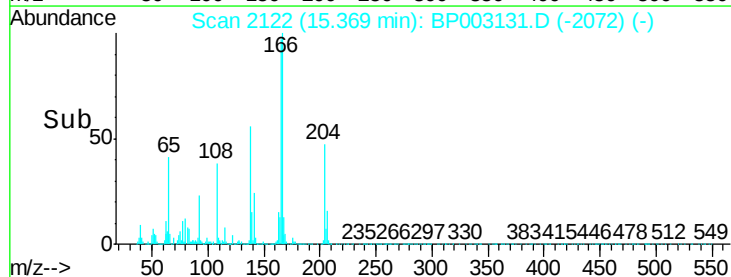
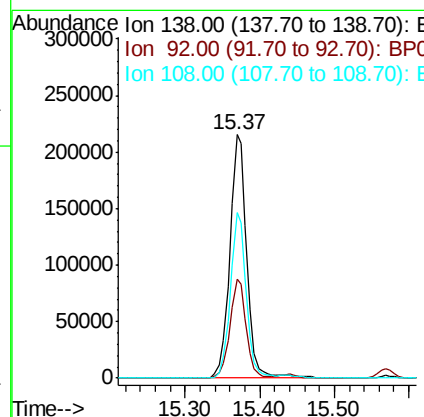
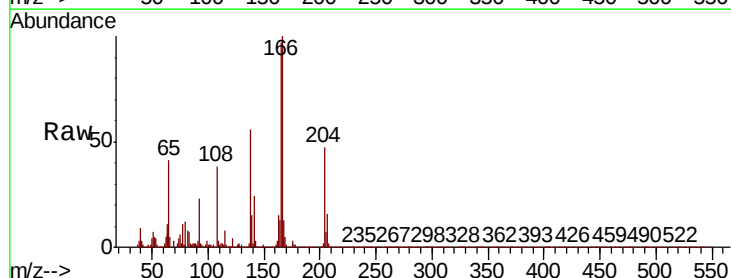
Instrument :
BNA_P
ClientSampleId :
PB131234BS

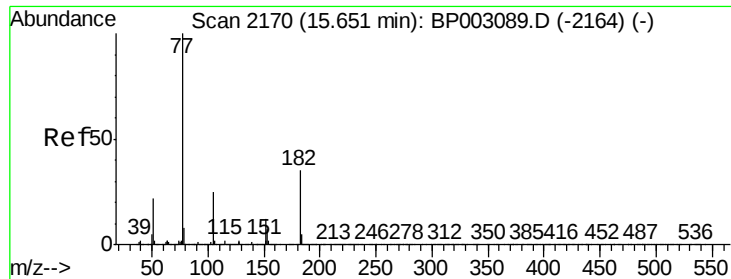
Tot Ion:204 Resp: 691542
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 55.9 45.5 68.3



#62
4-Nitroaniline
Concen: 37.167 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:138 Resp: 340719
Ion Ratio Lower Upper
138 100
92 40.5 21.1 61.1
108 68.1 46.6 86.6

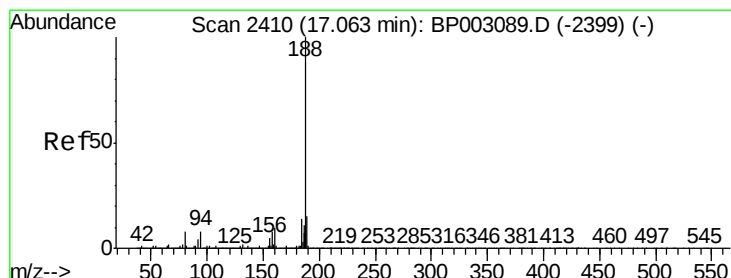
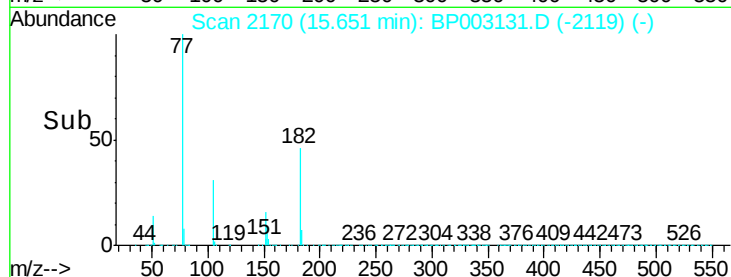
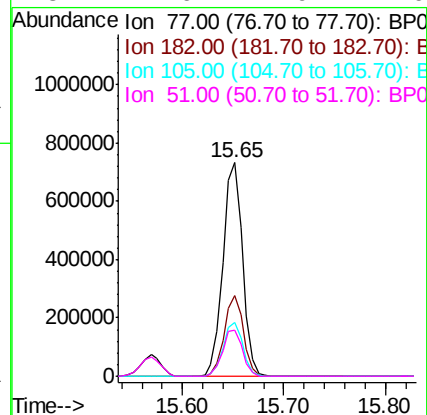
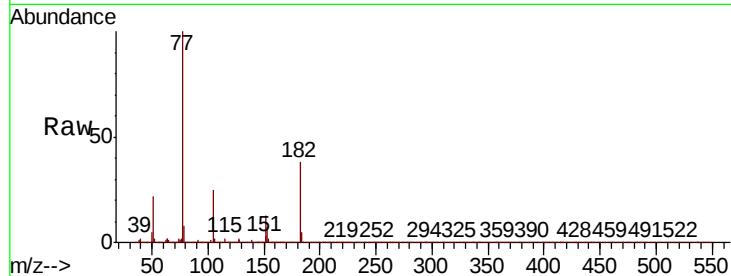




#63
Azobenzene
Concen: 39.881 ng
RT: 15.65 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

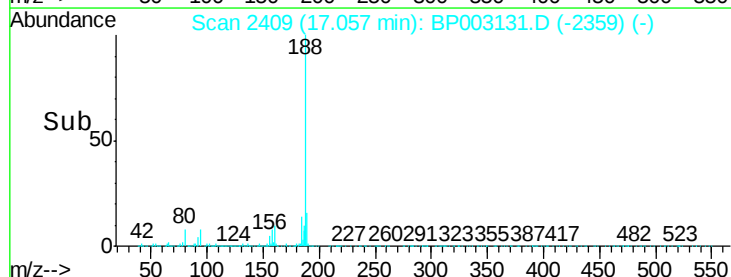
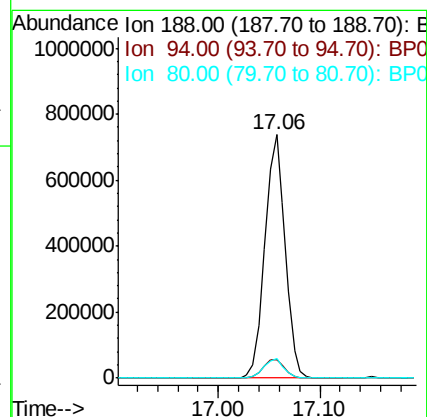
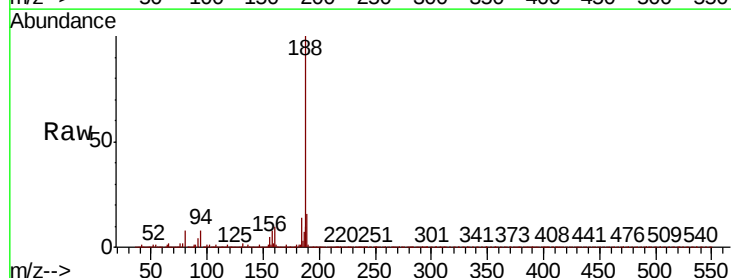
Instrument :
BNA_P
ClientSampled :
PB131234BS

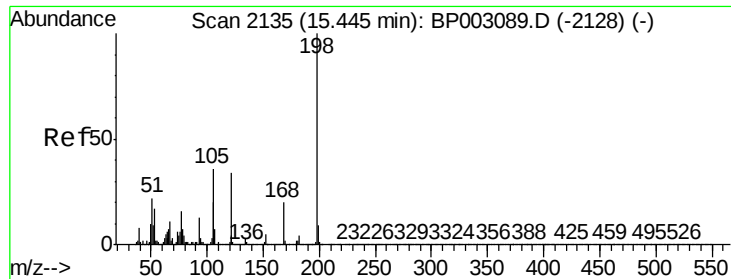
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	37.7	15.4	55.4	
105	25.4	5.1	45.1	
51	21.6	1.9	41.9	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	6.2	9.4	
80	7.8	6.4	9.6	

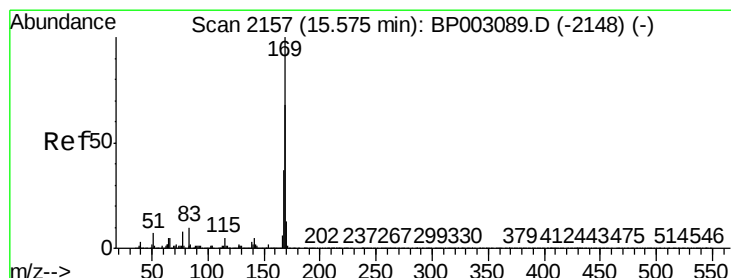
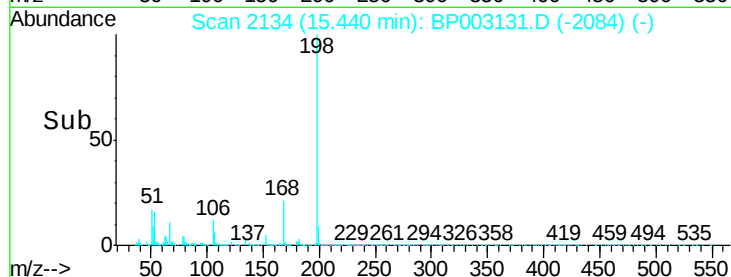
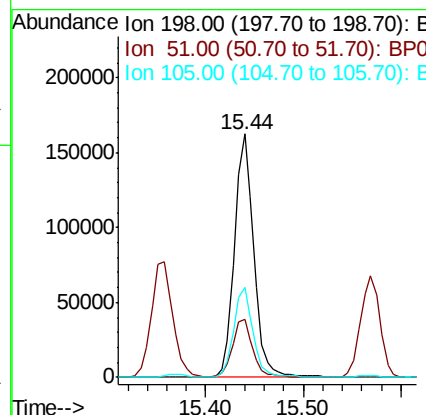
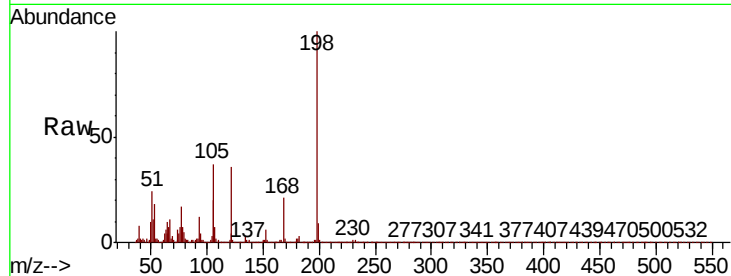




#65
4,6-Dinitro-2-methylphenol
Concen: 46.110 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

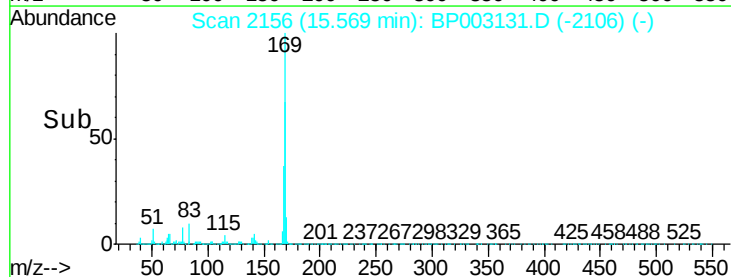
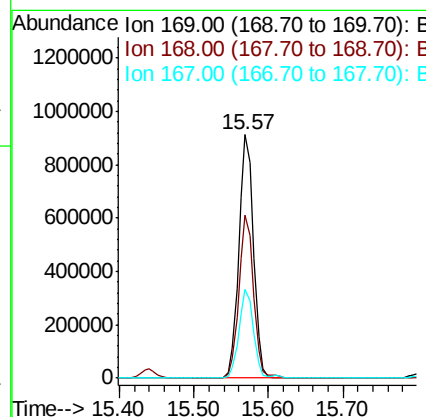
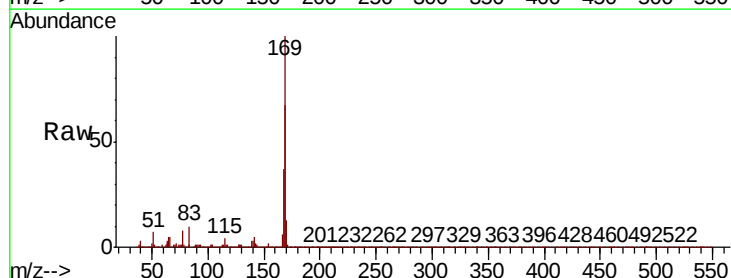
Instrument :
BNA_P
ClientSampleId :
PB131234BS

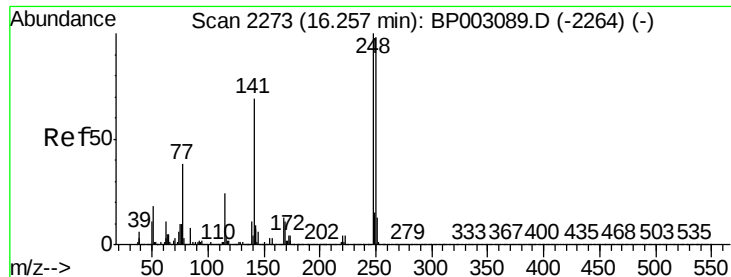
Tot Ion:198 Resp: 224190
Ion Ratio Lower Upper
198 100
51 23.7 2.4 42.4
105 37.1 16.1 56.1



#66
n-Nitrosodiphenylamine
Concen: 41.939 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion:169 Resp: 1246758
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.4
167 36.5 29.4 44.2

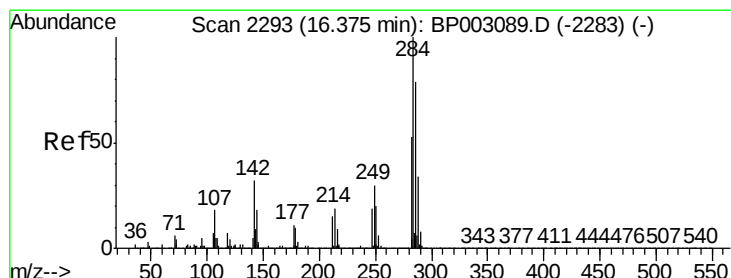
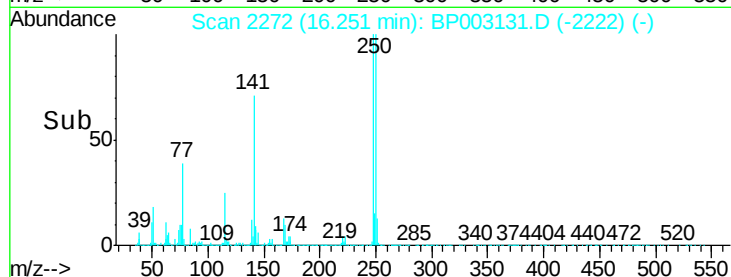
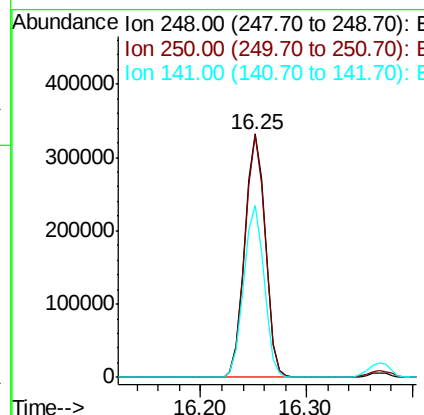
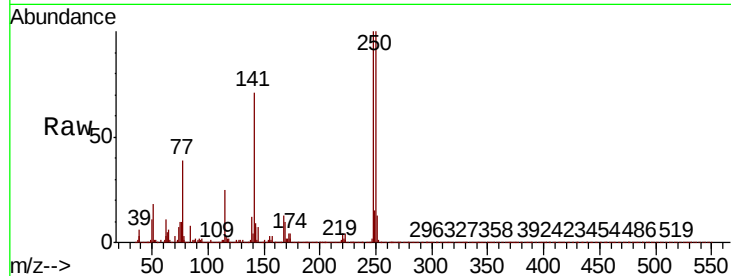




#67
4-Bromophenyl-phenylether
Concen: 39.692 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

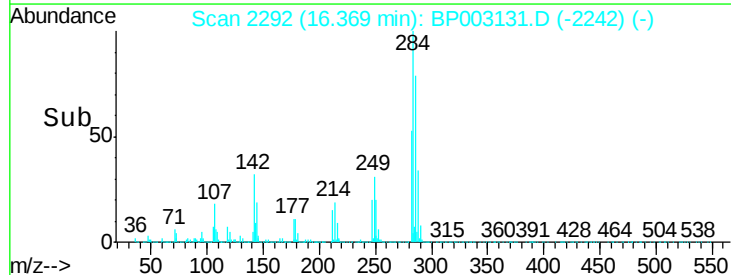
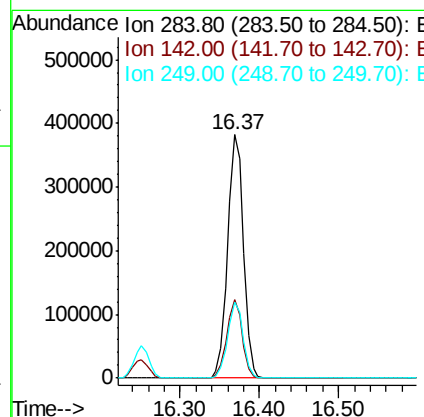
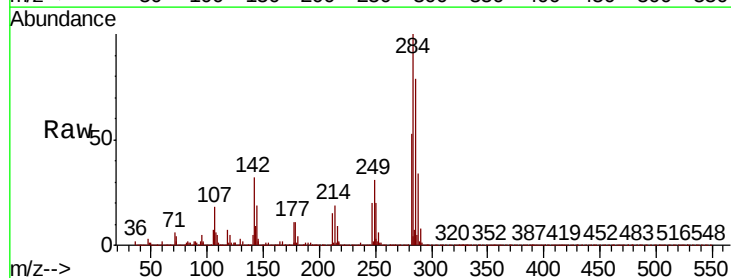
Instrument :
BNA_P
ClientSampleId :
PB131234BS

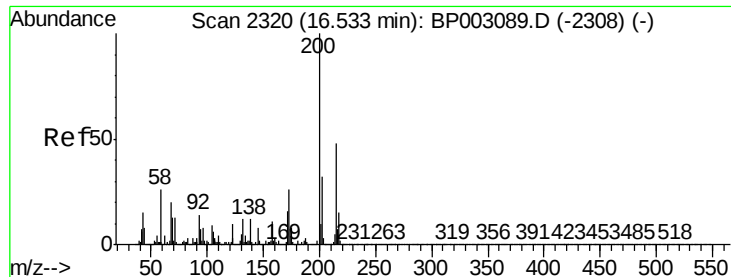
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.3	117.5
141	70.9	54.9	82.3



#68
Hexachlorobenzene
Concen: 39.377 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP003131.D
Acq: 27 Aug 2020 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.8	38.6
249	31.1	24.3	36.5





#69

Atrazine

Concen: 38.527 ng

RT: 16.53 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

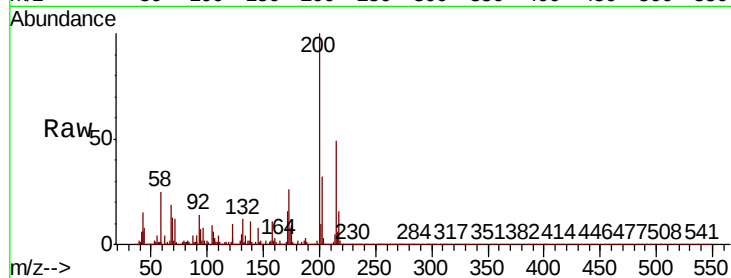
Tot Ion:200 Resp: 386292

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

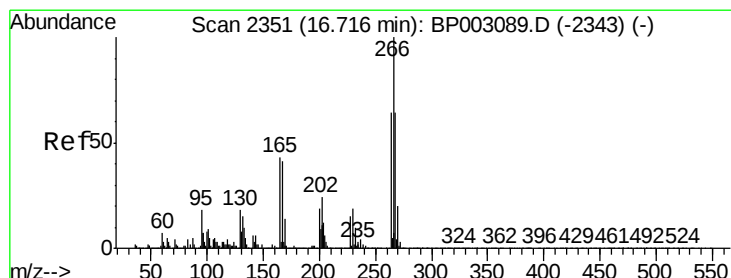
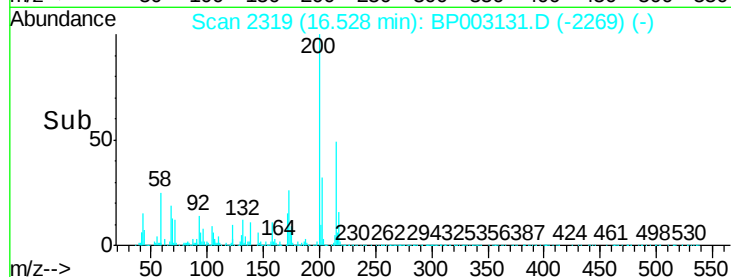
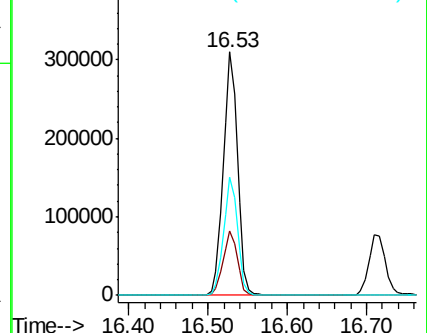
215 48.7 27.9 67.9



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: 97.982 ng

RT: 16.72 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

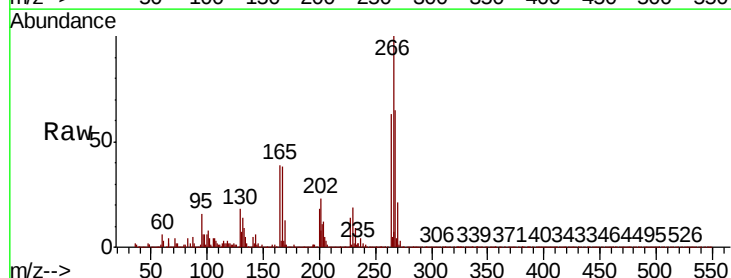
Tgt Ion:266 Resp: 625925

Ion Ratio Lower Upper

266 100

268 64.5 51.3 76.9

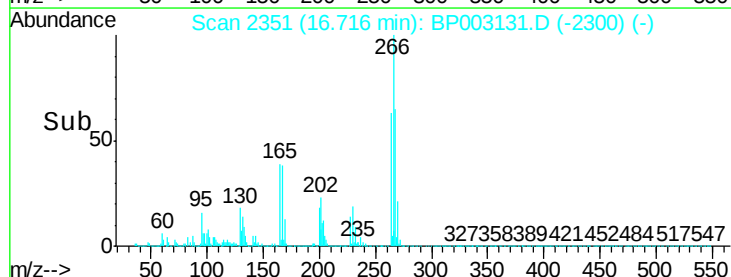
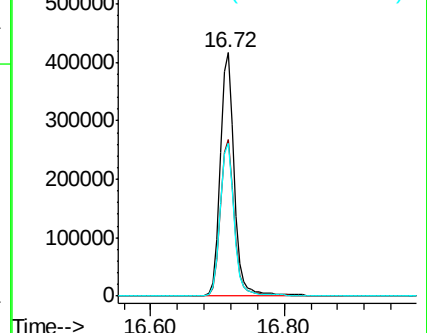
264 62.8 51.0 76.6

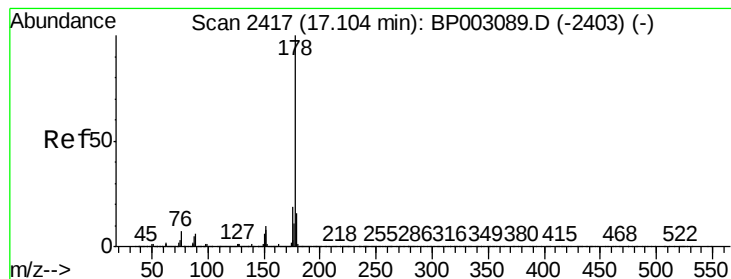


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.686 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

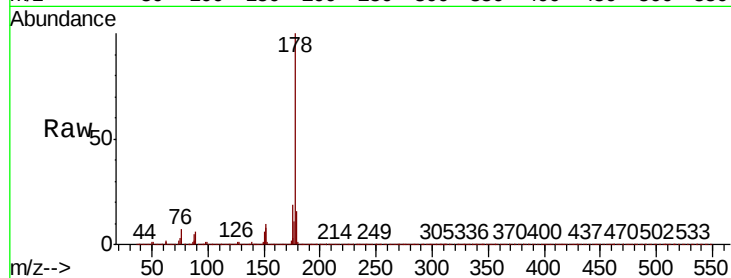
BNA_P

ClientSampleId :

PB131234BS

Tot Ion:178 Resp: 2186291

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.4	18.6

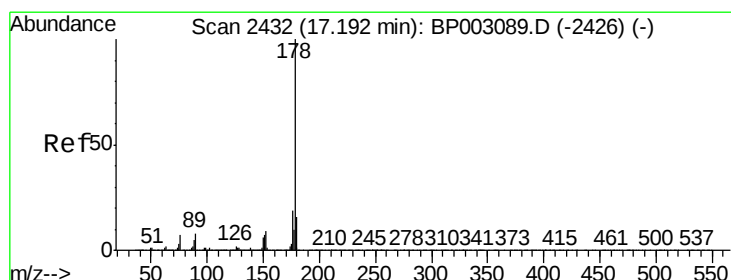
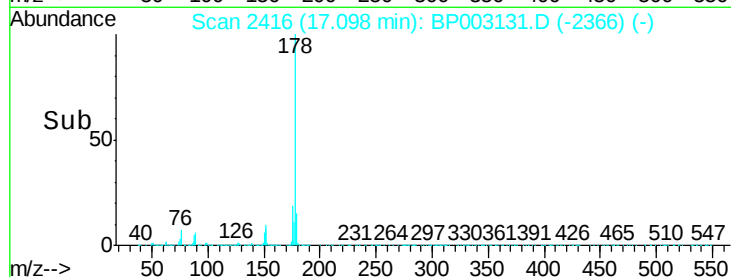
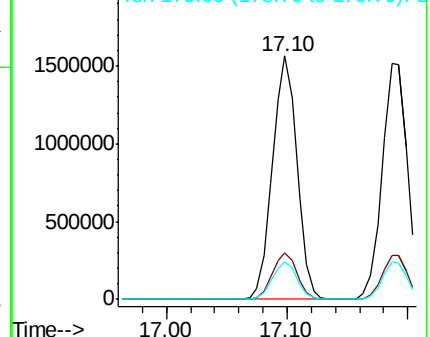


Abundance

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: 42.205 ng

RT: 17.19 min Scan# 2431

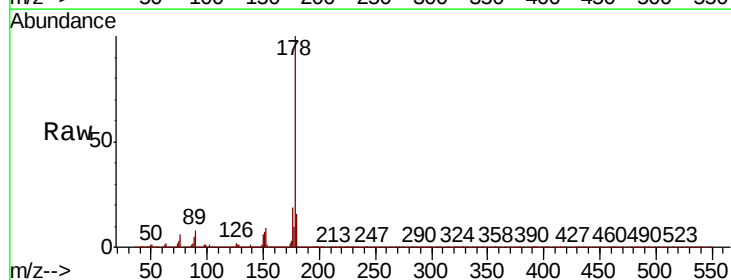
Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion:178 Resp: 2225224

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.7	12.6	19.0

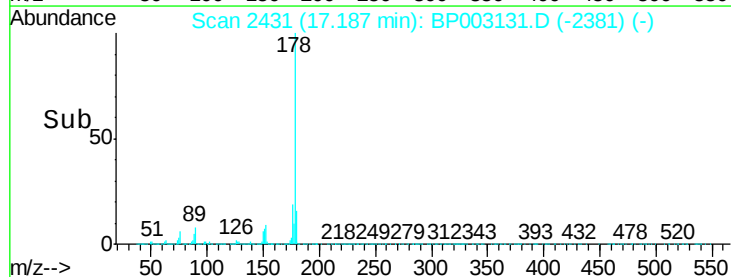
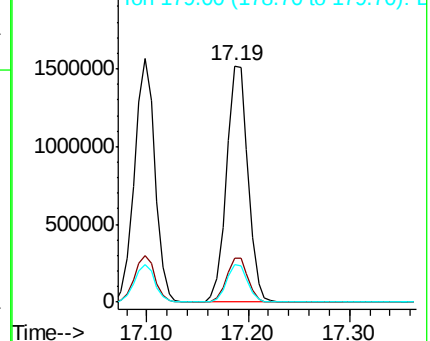


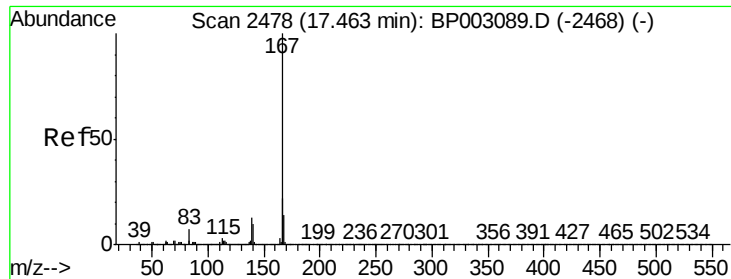
Abundance

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

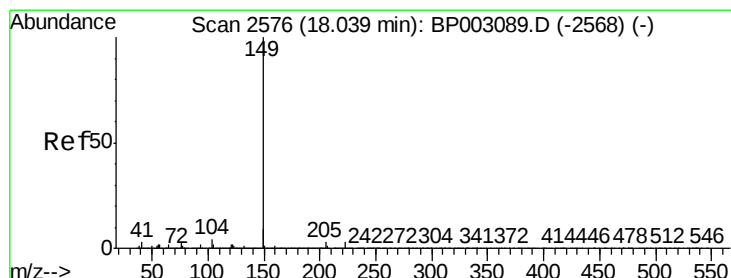
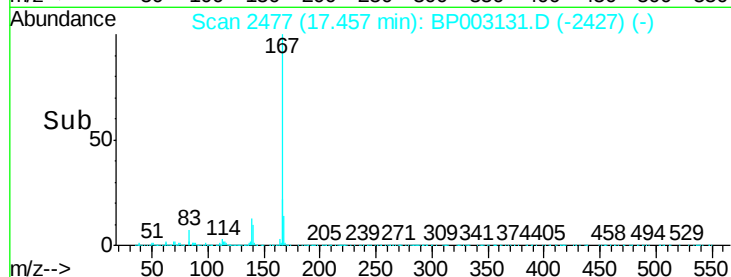
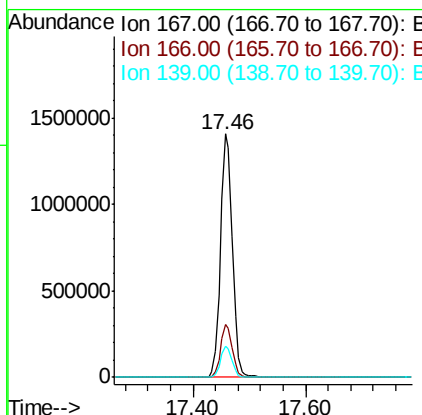
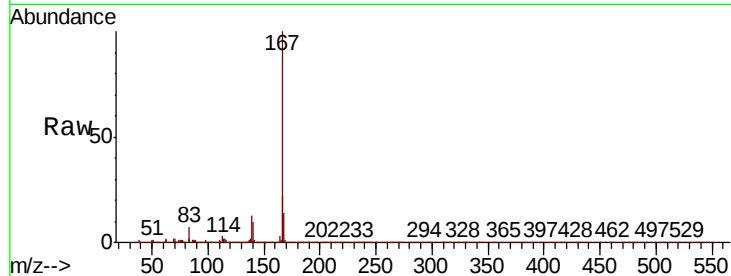




#73
 Carbazole
 Concen: 40.579 ng
 RT: 17.46 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BP003131.D
 Acq: 27 Aug 2020 14:40

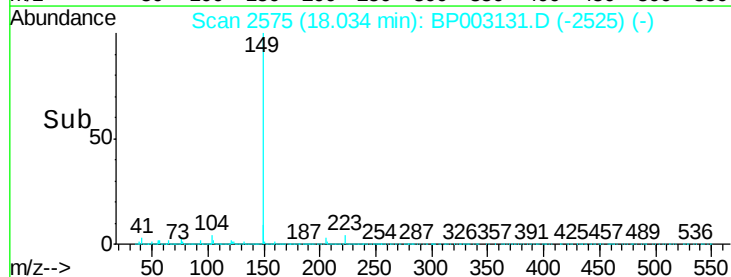
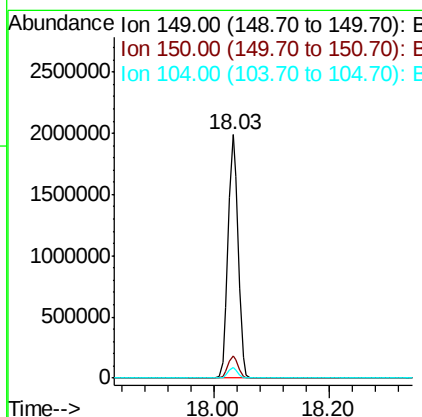
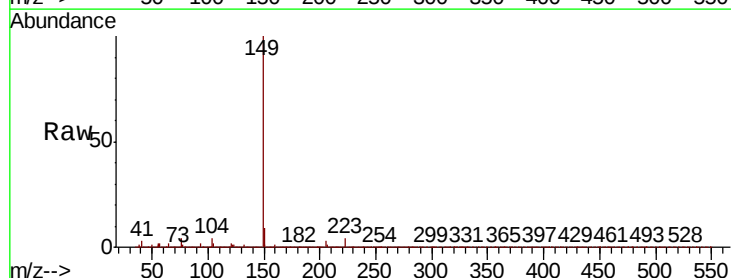
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BS

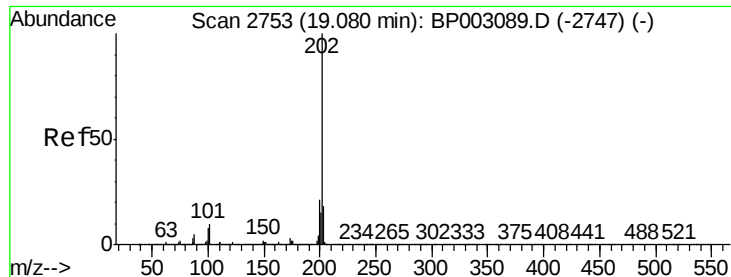
Tot Ion:167 Resp: 2053299
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 40.439 ng
 RT: 18.03 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BP003131.D
 Acq: 27 Aug 2020 14:40

Tgt Ion:149 Resp: 2405408
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.3 3.3 4.9





#75

Fluoranthene

Concen: 39.443 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

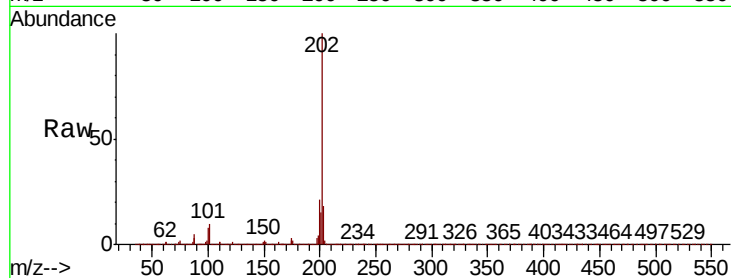
Tot Ion:202 Resp: 2511362

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.0

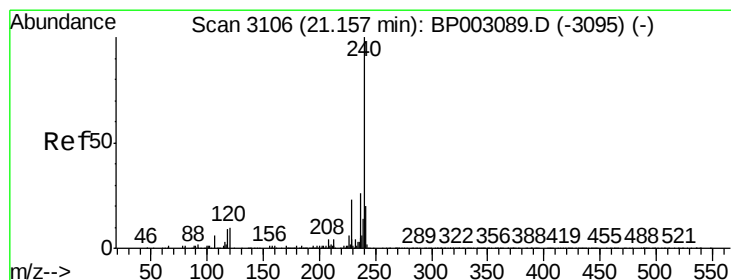
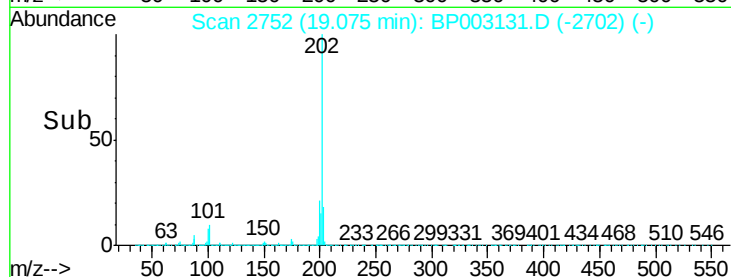
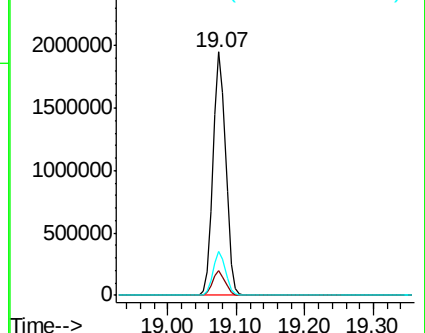
203 17.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

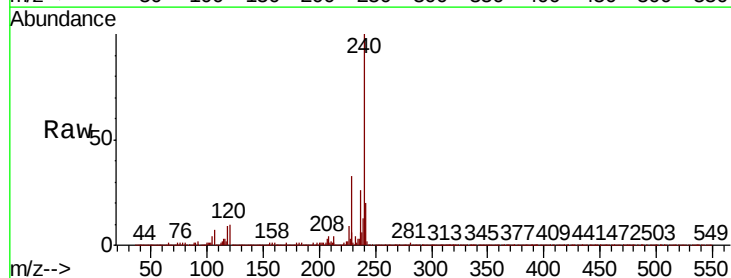
Tgt Ion:240 Resp: 979588

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

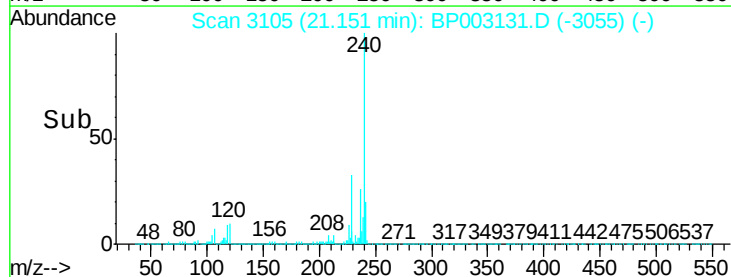
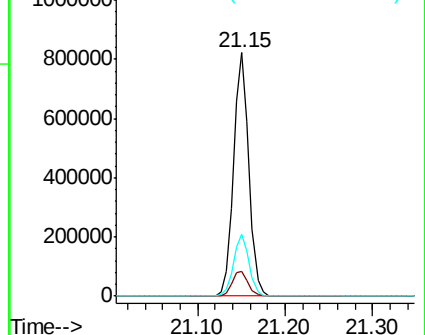
236 25.6 20.6 31.0

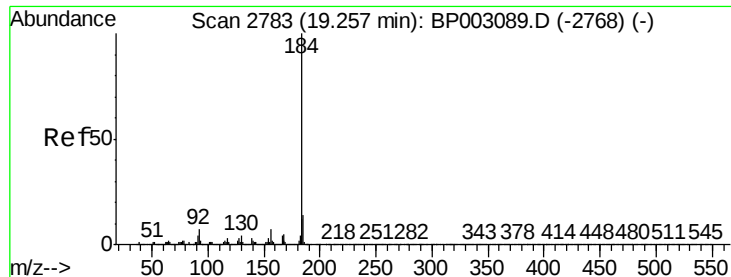


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.756 ng

RT: 19.26 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

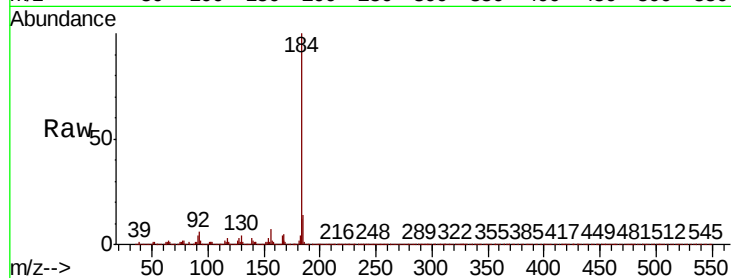
BNA_P

ClientSampled :

PB131234BS

Tot Ion:184 Resp: 1516946

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.5	17.3
183	11.9	9.4	14.2

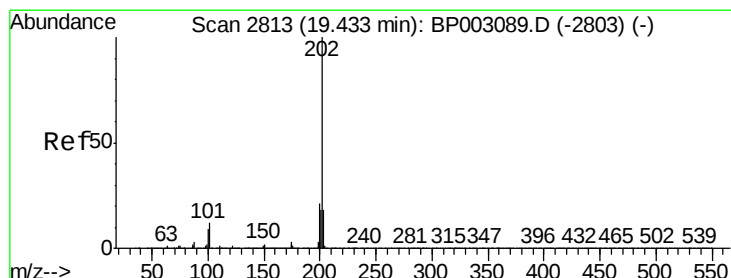
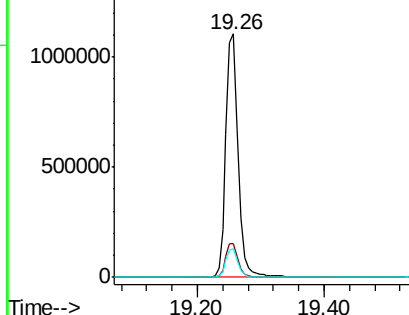
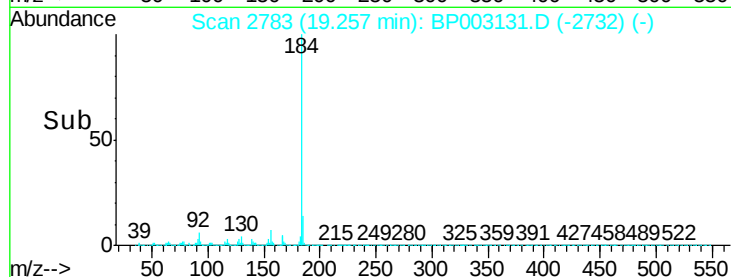


Abundance

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: 40.538 ng

RT: 19.43 min Scan# 2812

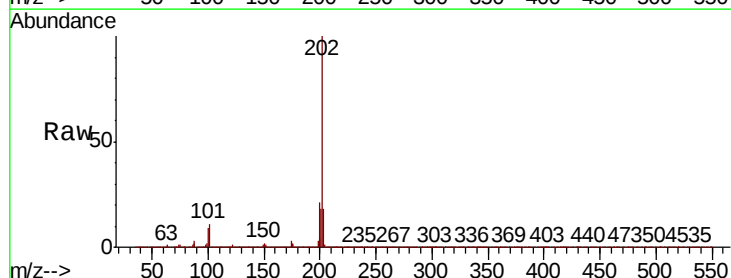
Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion:202 Resp: 2577338

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.8	14.0	21.0

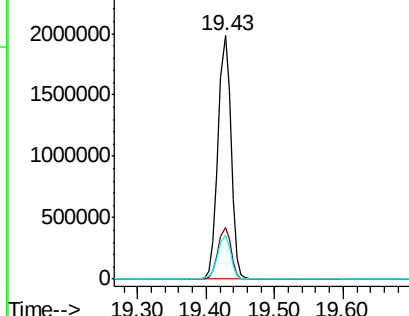
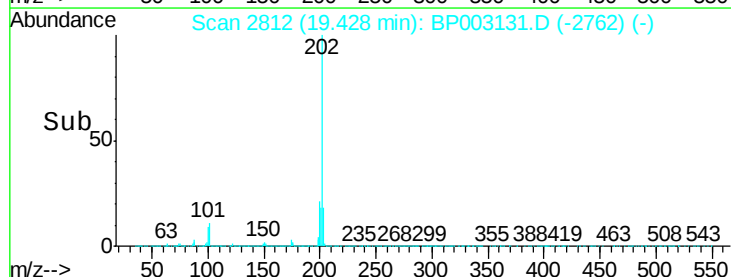


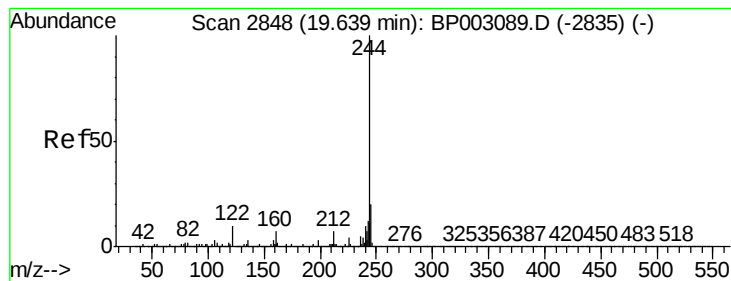
Abundance

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: 72.244 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

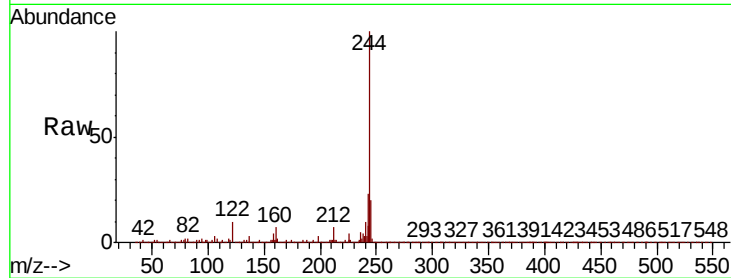
BNA_P

ClientSampleId :

PB131234BS

Tot Ion:244 Resp: 3216150

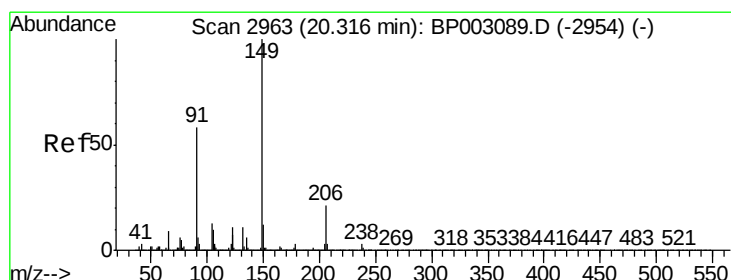
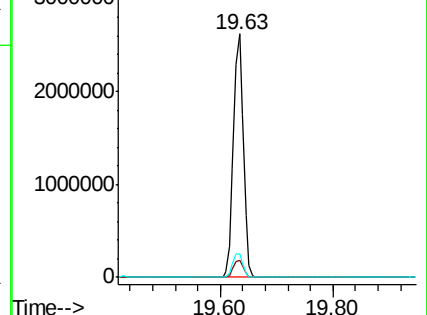
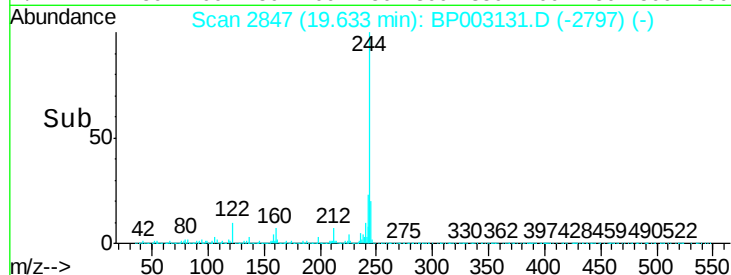
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.7	7.7	11.5



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: 40.959 ng

RT: 20.32 min Scan# 2963

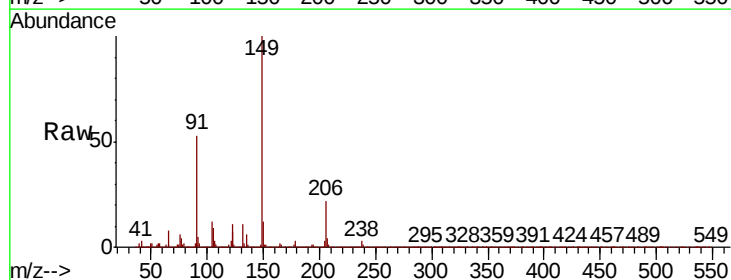
Delta R.T. 0.00 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Tgt Ion:149 Resp: 1072198

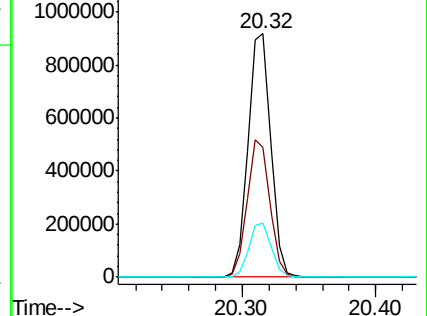
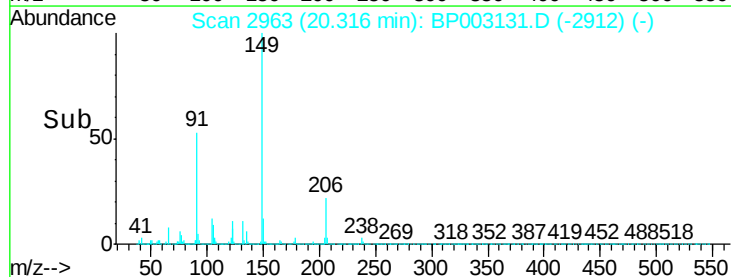
Ion	Ratio	Lower	Upper
149	100		
91	53.1	46.8	70.2
206	22.4	16.8	25.2

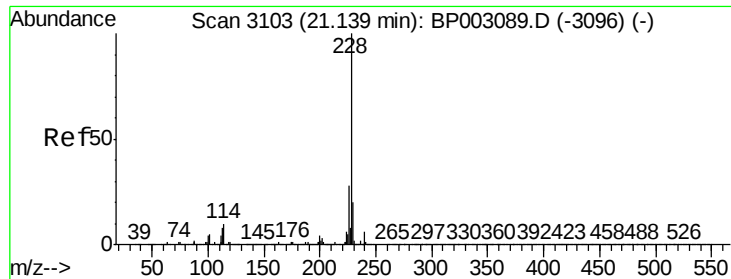


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.521 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleID :

PB131234BS

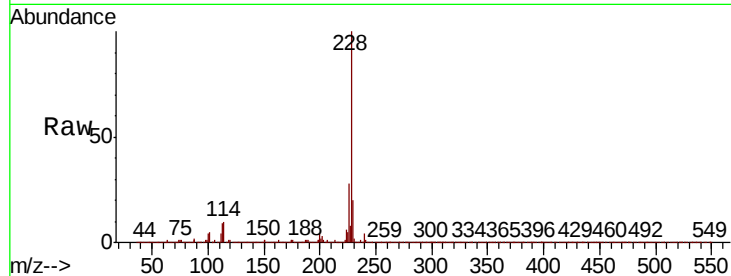
Tot Ion:228 Resp: 2486396

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	20.1	16.2	24.2

228 100

226 27.6 22.0 33.0

229 20.1 16.2 24.2

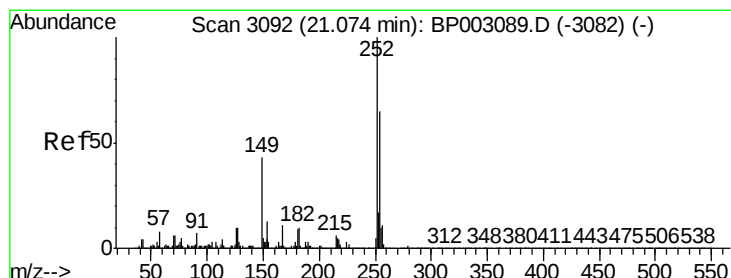
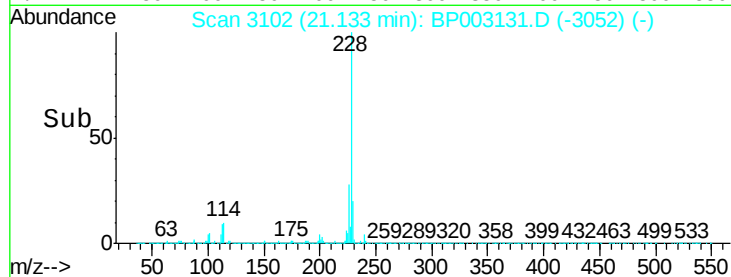
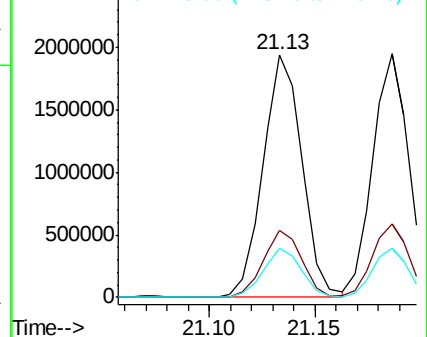


Abundance

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: 36.308 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

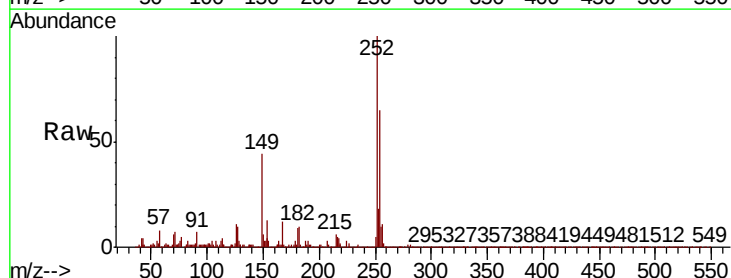
Tgt Ion:252 Resp: 819495

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.7	8.4	12.6

252 100

254 65.0 51.9 77.9

126 10.7 8.4 12.6

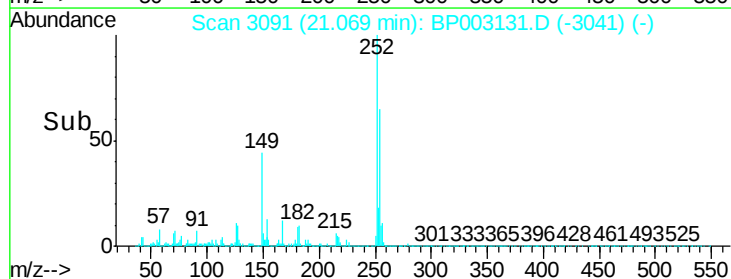
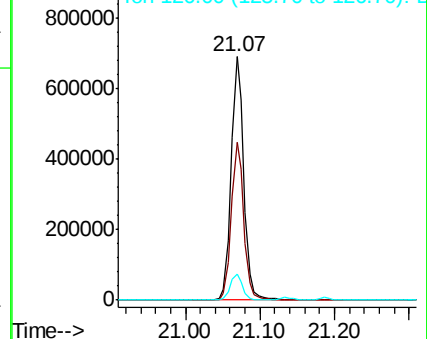


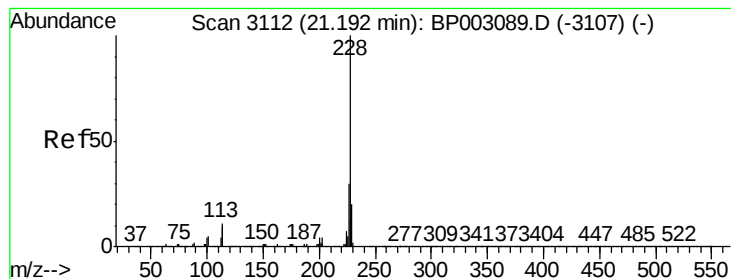
Abundance

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: 39.762 ng

RT: 21.19 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampled :

PB131234BS

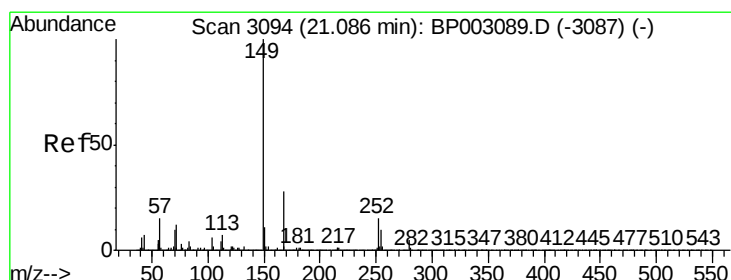
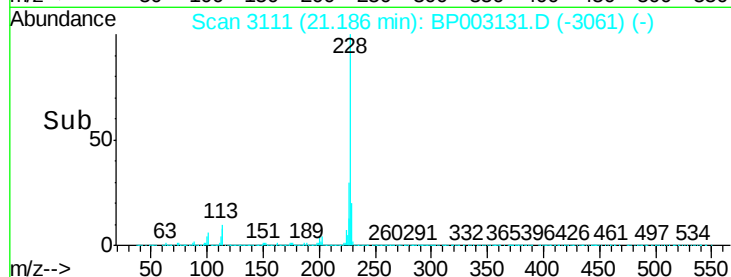
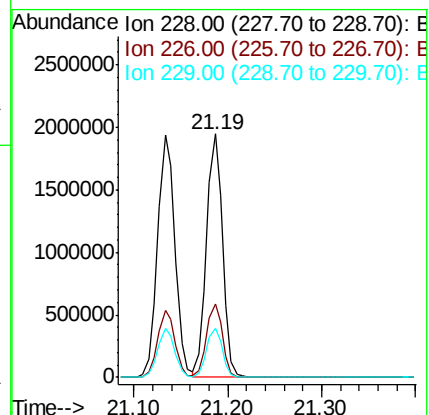
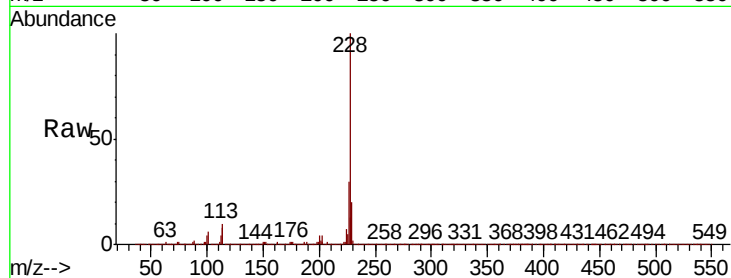
Tot Ion:228 Resp: 2336012

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.1	16.0	24.0

228 100

226 30.3 24.2 36.4

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.748 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

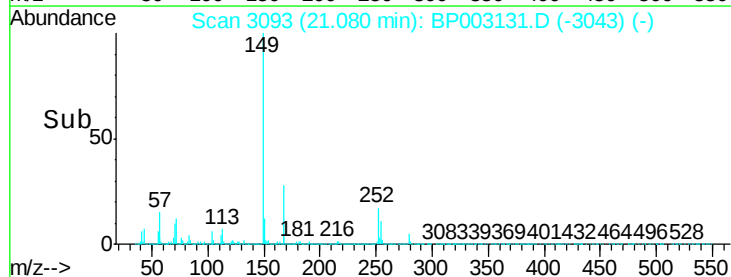
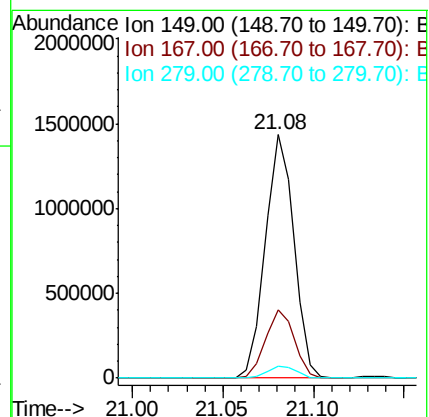
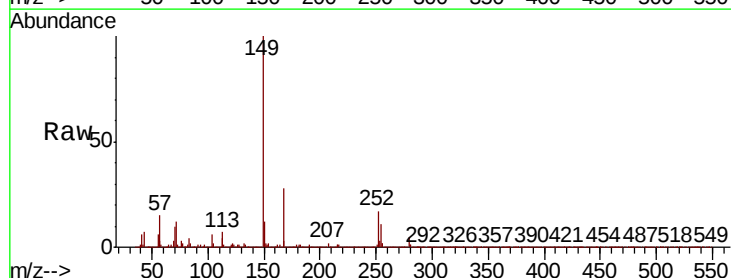
Tgt Ion:149 Resp: 1578245

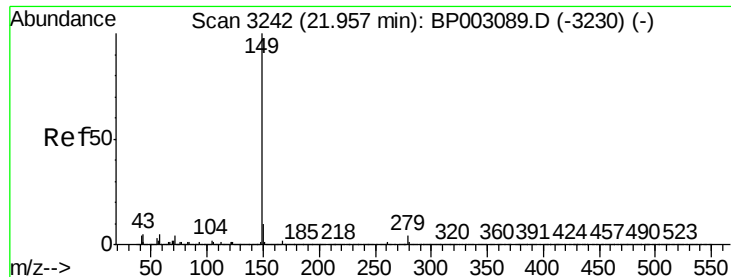
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	4.8	3.8	5.8

149 100

167 28.2 22.5 33.7

279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 42.602 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

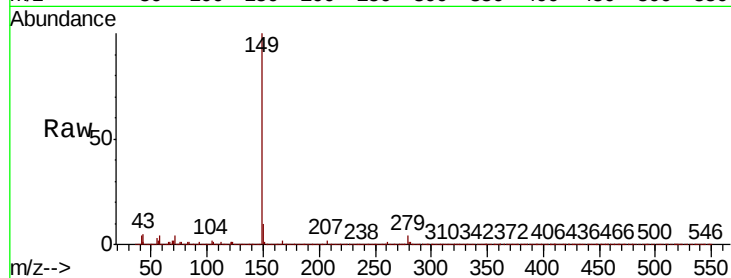
Tot Ion:149 Resp: 2761301

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

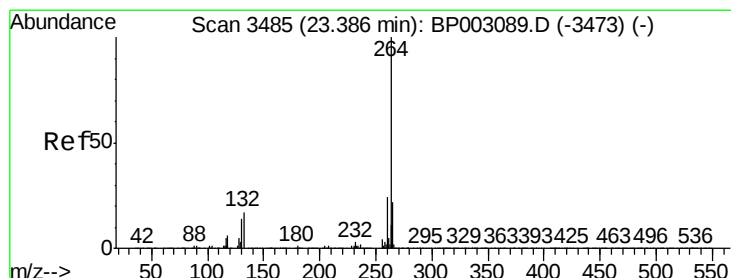
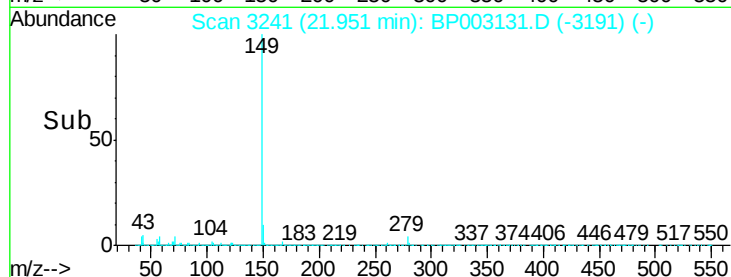
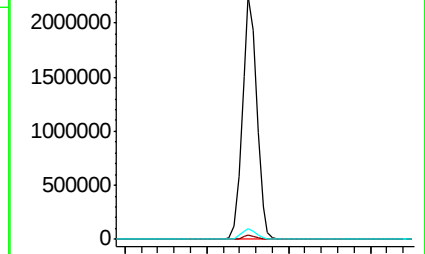
43 4.6 3.8 5.6



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: BP003131.D

Acq: 27 Aug 2020 14:40

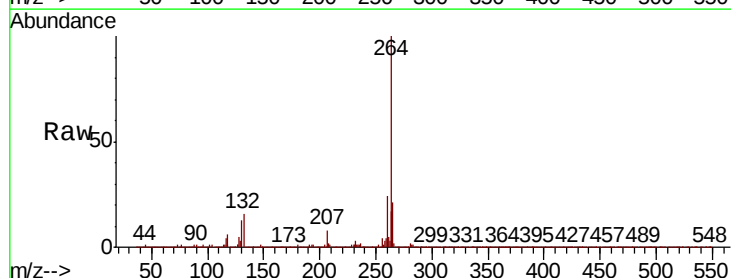
Tgt Ion:264 Resp: 1108600

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

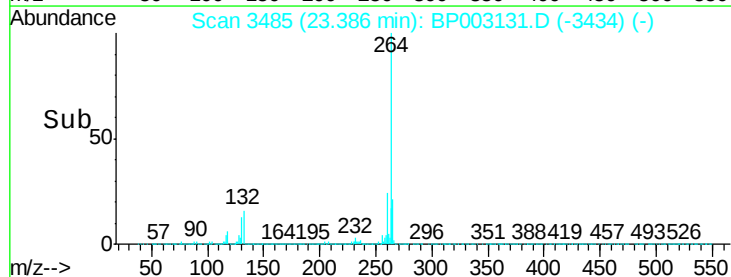
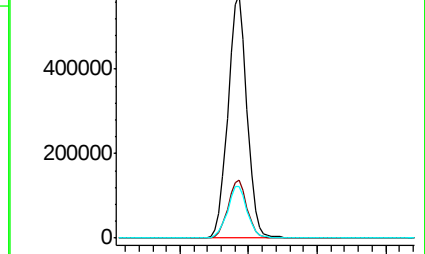
265 21.4 17.7 26.5

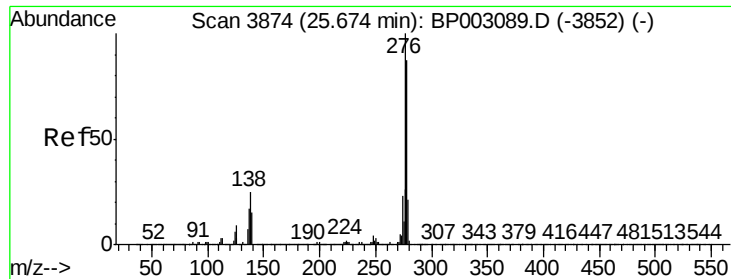


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

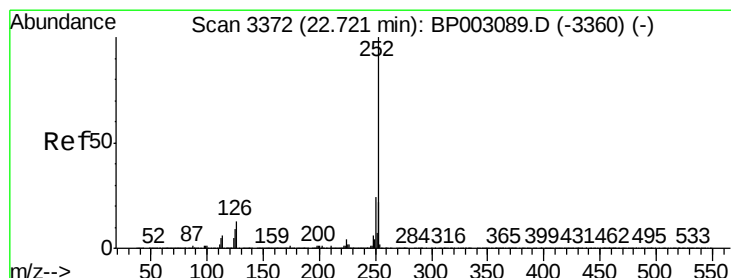
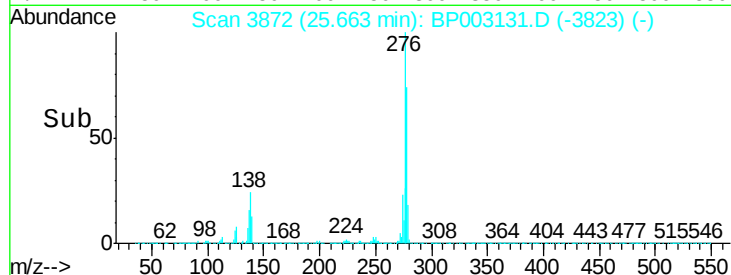
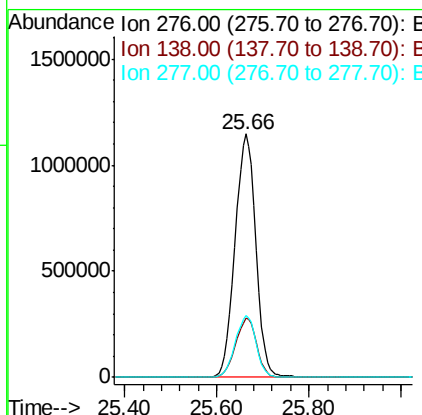
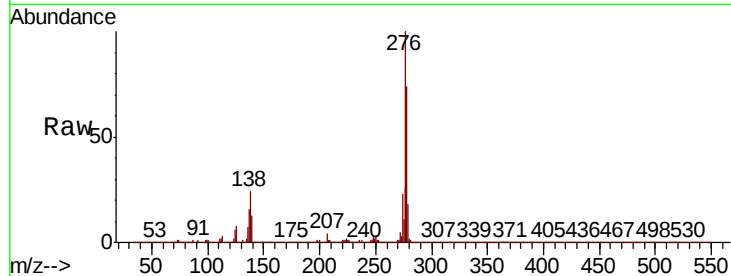




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.729 ng
 RT: 25.66 min Scan# 3872
 Delta R.T. -0.01 min
 Lab File: BP003131.D
 Acq: 27 Aug 2020 14:40

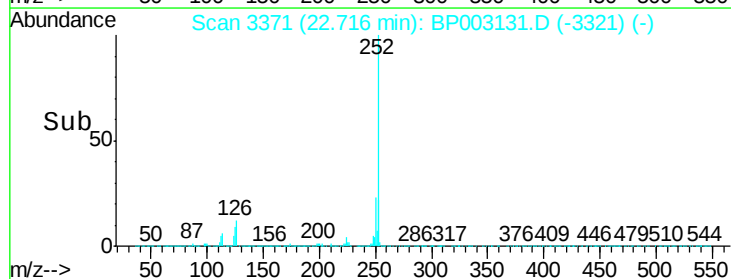
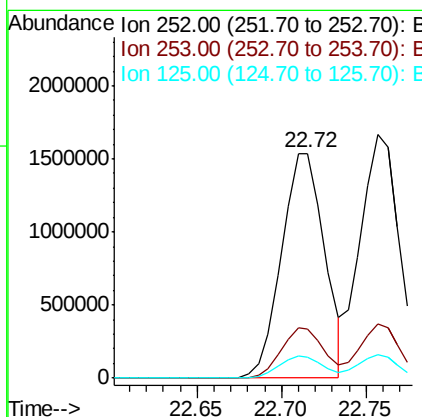
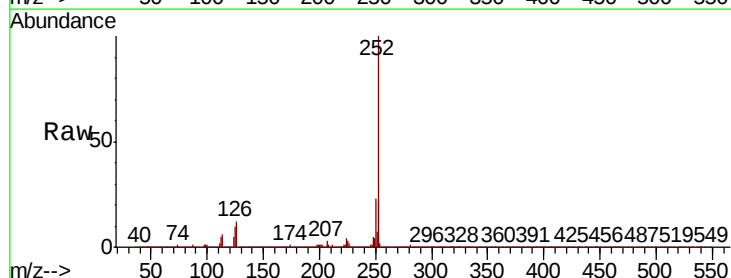
Instrument :
 BNA_P
 ClientSampleId :
 PB131234BS

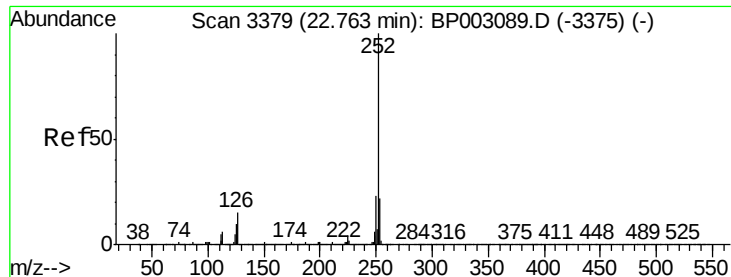
Tot Ion:276 Resp: 3615240
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.2 30.4
 277 25.6 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 39.409 ng
 RT: 22.72 min Scan# 3371
 Delta R.T. -0.01 min
 Lab File: BP003131.D
 Acq: 27 Aug 2020 14:40

Tgt Ion:252 Resp: 2715432
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 9.5 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 41.248 ng

RT: 22.76 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

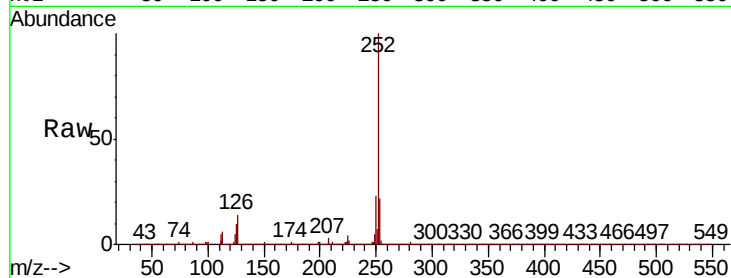
Tot Ion:252 Resp: 2715457

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

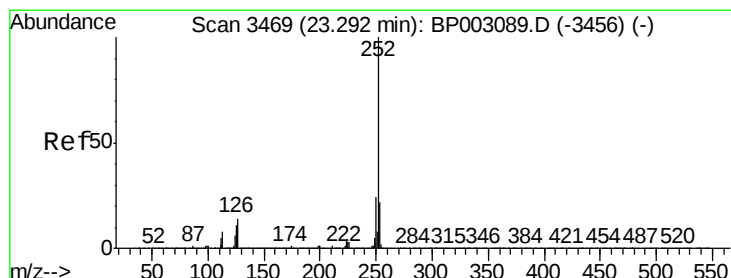
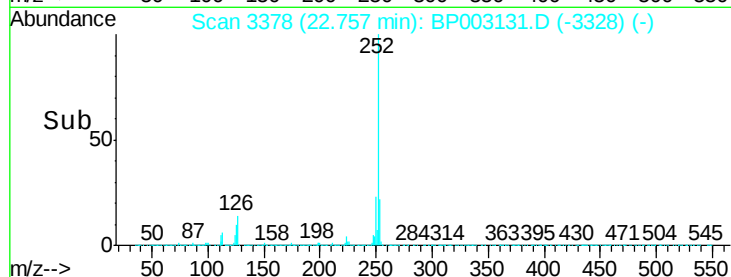
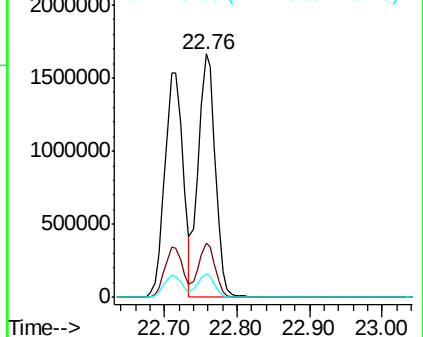
125 9.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.162 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

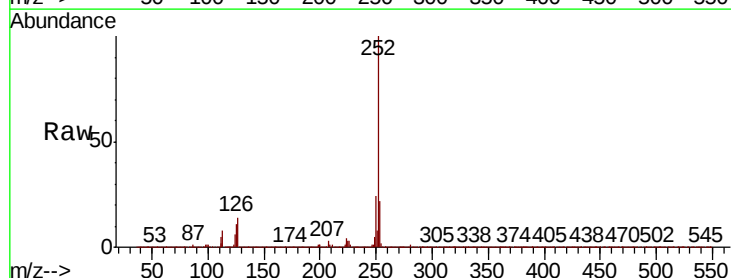
Tgt Ion:252 Resp: 2567307

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

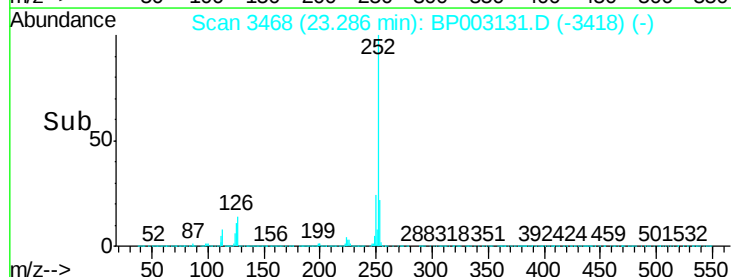
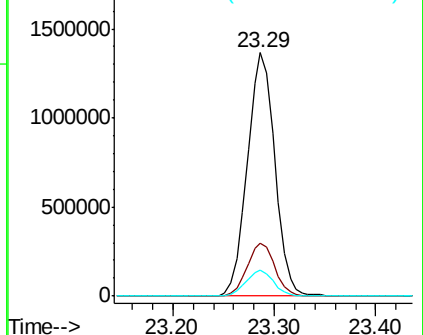
125 10.8 8.8 13.2

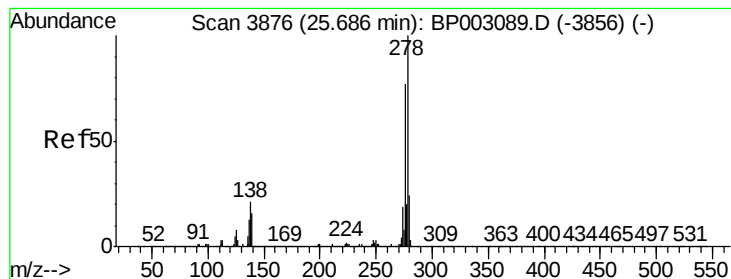


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.443 ng

RT: 25.67 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

Instrument :

BNA_P

ClientSampleId :

PB131234BS

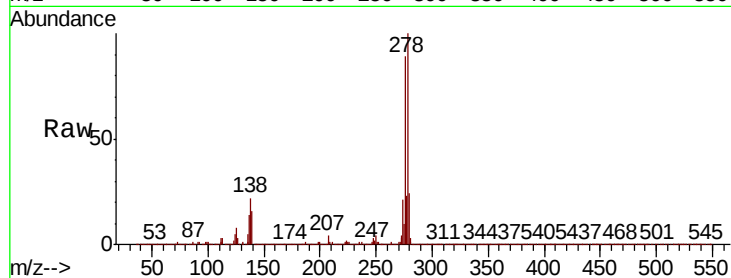
Tot Ion:278 Resp: 3018345

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.8	19.2
279	24.0	19.0	28.6

278 100

139 16.2 12.8 19.2

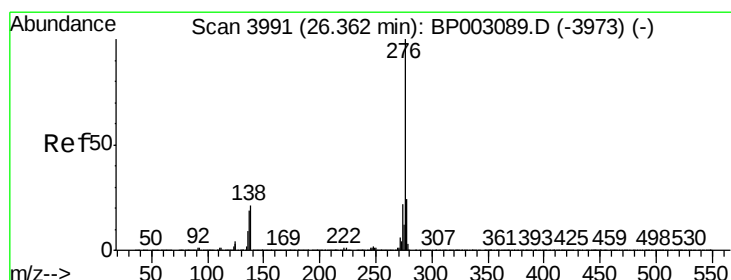
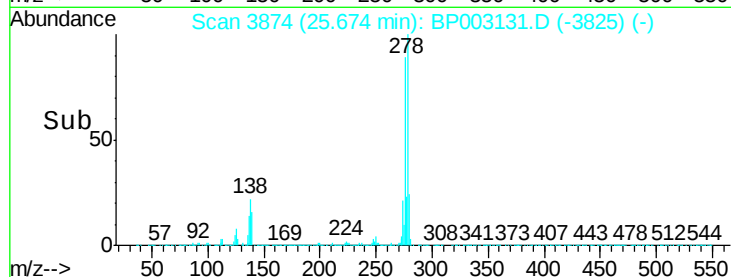
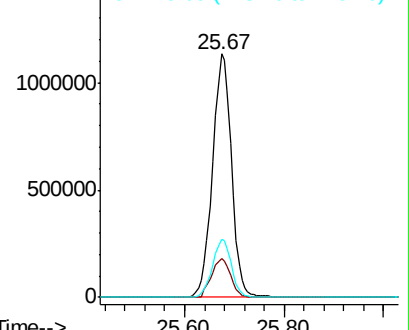
279 24.0 19.0 28.6



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: 45.608 ng

RT: 26.35 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BP003131.D

Acq: 27 Aug 2020 14:40

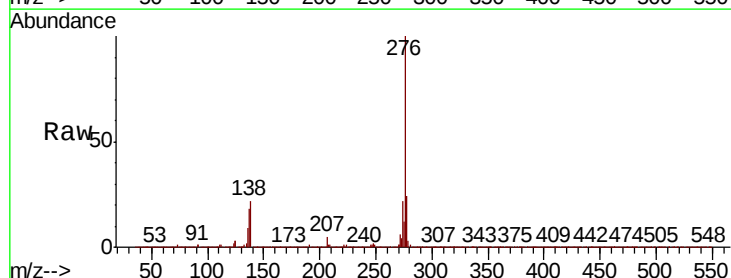
Tgt Ion:276 Resp: 3108471

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	21.5	17.0	25.6

276 100

277 23.8 19.4 29.2

138 21.5 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

