

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030123\
 Data File : BP013917.D
 Acq On : 01 Mar 2023 13:13
 Operator : CG/JU
 Sample : PB151118BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151118BS

Quant Time: Mar 02 04:30:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	118970	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	448020	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	285407	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	608906	20.000	ng	0.00
76) Chrysene-d12	21.563	240	612511	20.000	ng	0.00
86) Perylene-d12	24.109	264	642801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	951235	131.776	ng	0.00
7) Phenol-d6	7.252	99	1178801	127.506	ng	0.00
23) Nitrobenzene-d5	9.269	82	750584	90.468	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	561620	135.181	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1714741	78.914	ng	0.00
79) Terphenyl-d14	20.021	244	2838805	89.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.487	88	103928	33.124	ng	98
3) Pyridine	3.899	79	282237	33.368	ng	98
4) n-Nitrosodimethylamine	3.805	42	144199	45.492	ng	# 87
6) Aniline	7.416	93	191777	15.965	ng	95
8) 2-Chlorophenol	7.657	128	328655	43.164	ng	99
10) Phenol	7.281	94	417776	43.415	ng	90
11) bis(2-Chloroethyl)ether	7.510	93	312840	40.622	ng	97
12) 1,3-Dichlorobenzene	7.981	146	366160	42.768	ng	97
13) 1,4-Dichlorobenzene	8.134	146	376361	43.519	ng	98
14) 1,2-Dichlorobenzene	8.451	146	360061	44.601	ng	98
15) Benzyl Alcohol	8.340	79	312547	48.185	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.622	45	333030	40.483	ng	96
17) 2-Methylphenol	8.540	107	276389	42.207	ng	94
18) Hexachloroethane	9.187	117	136208	44.963	ng	95
19) n-Nitroso-di-n-propyla...	8.910	70	240856	44.513	ng	98
20) 3+4-Methylphenols	8.869	107	364820	41.392	ng	96
22) Acetophenone	8.928	105	494616	43.770	ng	97
24) Nitrobenzene	9.310	77	375546	43.376	ng	98
25) Isophorone	9.840	82	667135	41.726	ng	98
26) 2-Nitrophenol	10.028	139	174372	43.043	ng	# 90
27) 2,4-Dimethylphenol	10.081	122	291212	43.553	ng	96
28) bis(2-Chloroethoxy)met...	10.322	93	398887	39.083	ng	99
29) 2,4-Dichlorophenol	10.563	162	317936	44.319	ng	97
30) 1,2,4-Trichlorobenzene	10.781	180	357456	42.462	ng	100
31) Naphthalene	10.975	128	950019	38.676	ng	99
32) Benzoic acid	10.216	122	215815	41.681	ng	94
33) 4-Chloroaniline	11.081	127	127095	12.322	ng	96
34) Hexachlorobutadiene	11.251	225	257214	45.979	ng	99
35) Caprolactam	11.875	113	89401	39.033	ng	97
36) 4-Chloro-3-methylphenol	12.192	107	336477	42.092	ng	94
37) 2-Methylnaphthalene	12.569	142	667761	37.555	ng	97
38) 1-Methylnaphthalene	12.787	142	627854	37.729	ng	98
40) 1,2,4,5-Tetrachloroben...	12.934	216	427653	41.548	ng	98
41) Hexachlorocyclopentadiene	12.910	237	586422	107.259	ng	98
43) 2,4,6-Trichlorophenol	13.169	196	274440	42.622	ng	99
44) 2,4,5-Trichlorophenol	13.245	196	295023	38.551	ng	97

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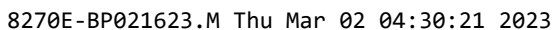
Instrument :
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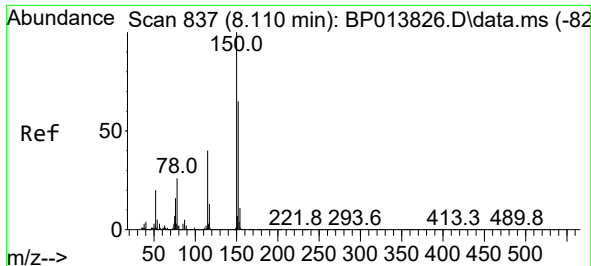
Quant Time: Mar 02 04:30:16 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.569	154	890357	38.597	ng	98
47) 2-Chloronaphthalene	13.616	162	697856	39.708	ng	99
48) 2-Nitroaniline	13.816	65	197296	40.096	ng	96
49) Acenaphthylene	14.457	152	1064515	38.425	ng	100
50) Dimethylphthalate	14.186	163	889579	38.304	ng	100
51) 2,6-Dinitrotoluene	14.304	165	194613	38.729	ng	95
52) Acenaphthene	14.798	154	642284	38.099	ng	99
53) 3-Nitroaniline	14.639	138	133643	26.244	ng	98
54) 2,4-Dinitrophenol	14.845	184	271579	81.263	ng	95
55) Dibenzofuran	15.133	168	1065807	37.997	ng	97
56) 4-Nitrophenol	14.945	139	313786	75.586	ng	# 83
57) 2,4-Dinitrotoluene	15.092	165	265816	39.334	ng	93
58) Fluorene	15.781	166	843087	38.333	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.357	232	265416	40.287	ng	99
60) Diethylphthalate	15.545	149	881363	38.918	ng	100
61) 4-Chlorophenyl-phenyle...	15.769	204	467505	39.231	ng	100
62) 4-Nitroaniline	15.804	138	183289	34.479	ng	85
63) Azobenzene	16.063	77	800091	39.049	ng	96
65) 4,6-Dinitro-2-methylph...	15.857	198	169832	40.362	ng	97
66) n-Nitrosodiphenylamine	15.986	169	734815	39.841	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	307200	42.744	ng	98
68) Hexachlorobenzene	16.786	284	356533	45.446	ng	100
69) Atrazine	16.933	200	23971	3.812	ng	98
70) Pentachlorophenol	17.133	266	455962	78.831	ng	98
71) Phenanthrene	17.533	178	1342959	39.369	ng	100
72) Anthracene	17.622	178	1350136	39.583	ng	99
73) Carbazole	17.886	167	1196069	38.951	ng	99
74) Di-n-butylphthalate	18.416	149	1483622	41.238	ng	99
75) Fluoranthene	19.480	202	1606424	37.776	ng	98
77) Benzidine	19.657	184	375105	30.824	ng	100
78) Pyrene	19.833	202	1674413	40.003	ng	99
80) Butylbenzylphthalate	20.686	149	648791	43.611	ng	100
81) Benzo(a)anthracene	21.545	228	1679330	38.287	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	574825	41.656	ng	99
83) Chrysene	21.604	228	1593475	37.502	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	975429	42.055	ng	100
85) Di-n-octyl phthalate	22.415	149	1660234	40.171	ng	100
87) Indeno(1,2,3-cd)pyrene	26.798	276	2297098	45.938	ng	96
88) Benzo(b)fluoranthene	23.327	252	1800507	44.289	ng	# 98
89) Benzo(k)fluoranthene	23.380	252	1812863	43.930	ng	98
90) Benzo(a)pyrene	23.998	252	1605956	40.861	ng	99
91) Dibenzo(a,h)anthracene	26.815	278	1978759	47.231	ng	# 97
92) Benzo(g,h,i)perylene	27.627	276	1963291	47.391	ng	96

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

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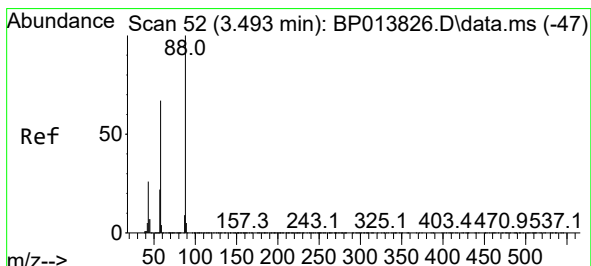
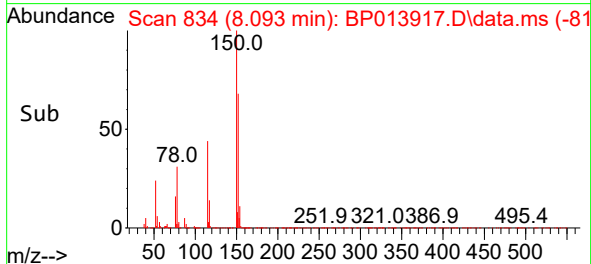
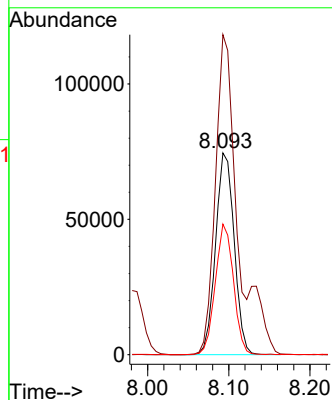
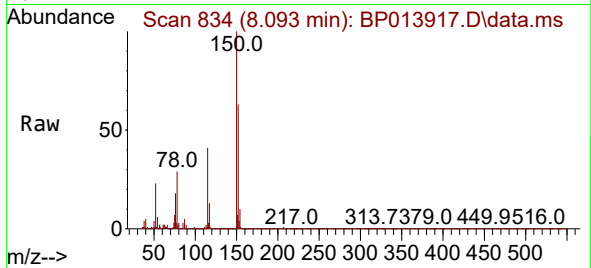




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

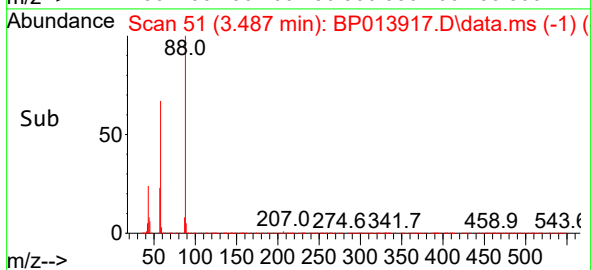
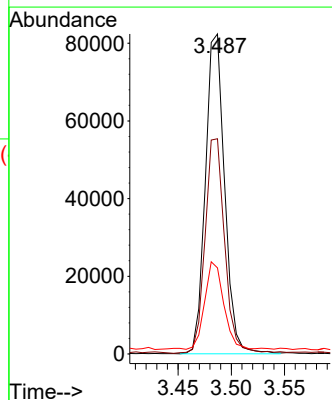
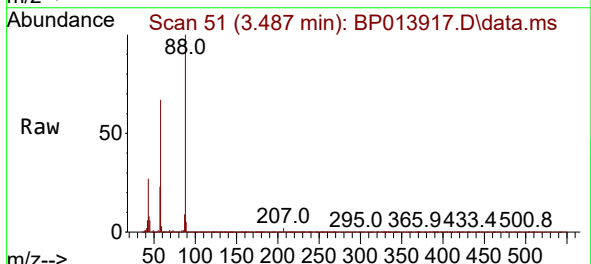
Instrument :
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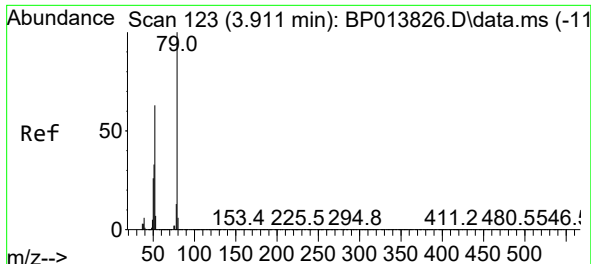
Tgt Ion:152 Resp: 118970
Ion Ratio Lower Upper
152 100
150 158.6 122.8 184.2
115 64.7 49.0 73.6



#2
1,4-Dioxane
Concen: 33.124 ng
RT: 3.487 min Scan# 51
Delta R.T. 0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 88 Resp: 103928
Ion Ratio Lower Upper
88 100
58 68.4 53.5 80.3
43 26.9 20.6 30.8

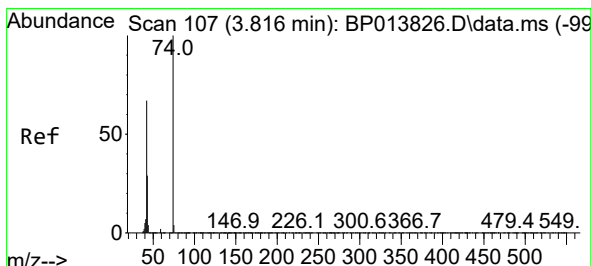
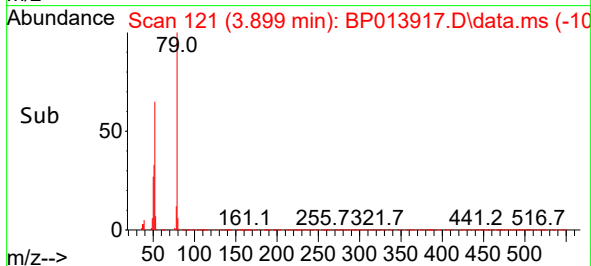
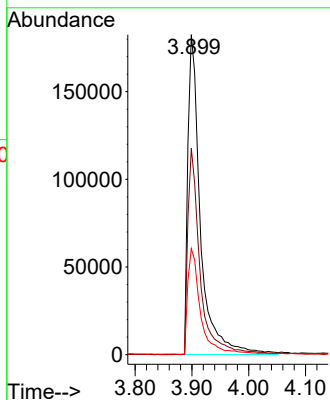
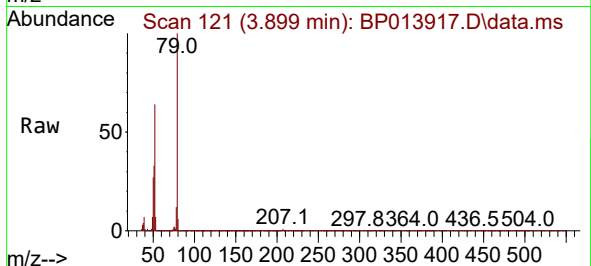




#3
Pyridine
Concen: 33.368 ng
RT: 3.899 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

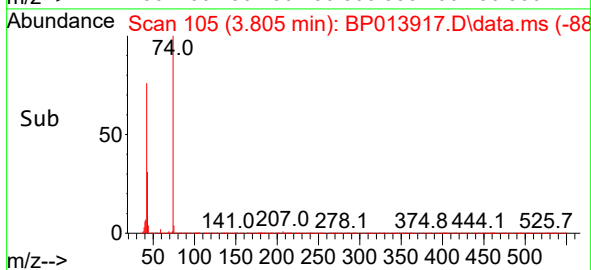
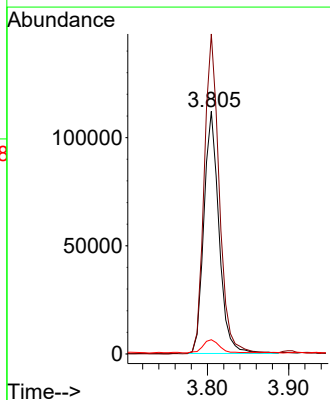
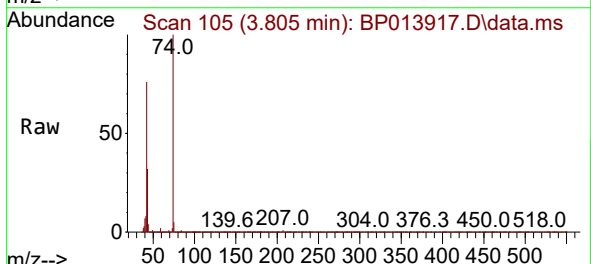
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ClientSampleId :
PB151118BS

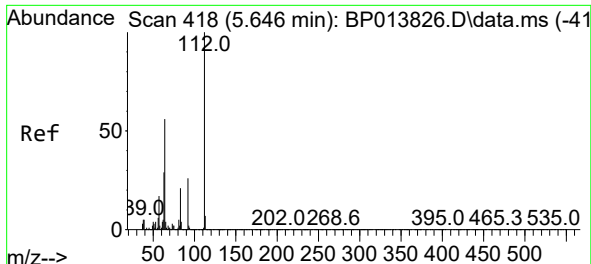
Tgt Ion: 79 Resp: 282237
Ion Ratio Lower Upper
79 100
52 64.5 50.0 75.0
51 33.1 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 45.492 ng
RT: 3.805 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 42 Resp: 144199
Ion Ratio Lower Upper
42 100
74 132.0 119.3 178.9
44 5.9 6.0 9.0#

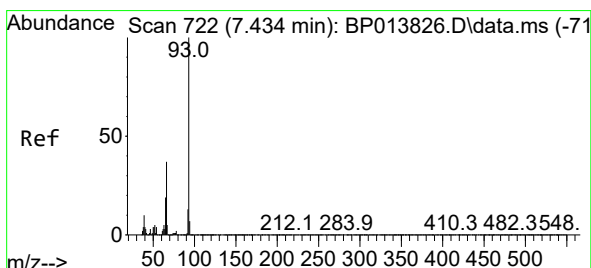
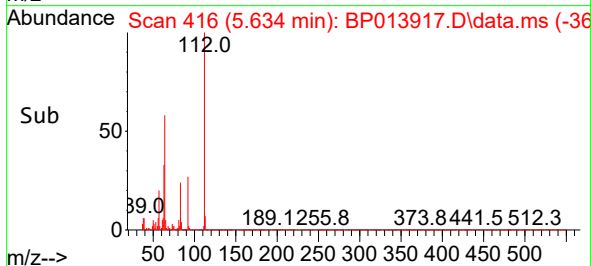
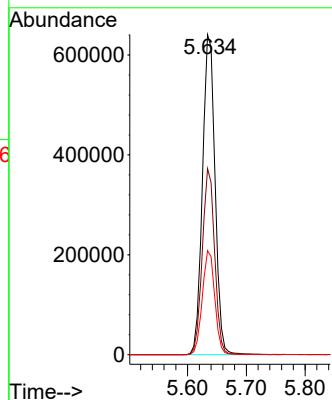
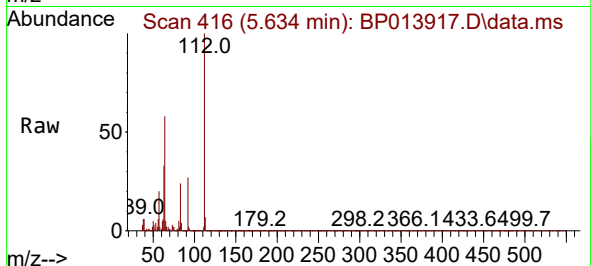




#5
2-Fluorophenol
Concen: 131.776 ng
RT: 5.634 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

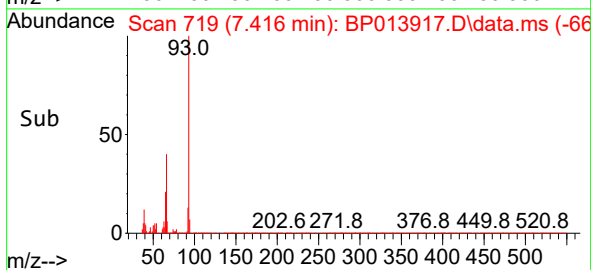
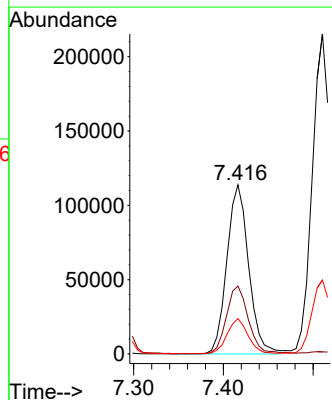
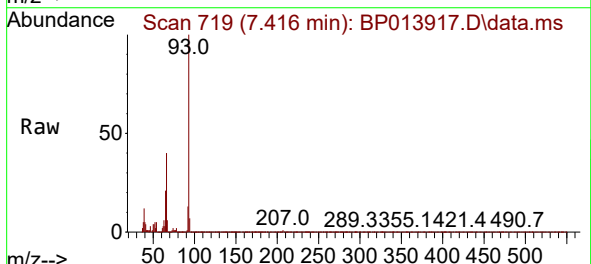
Instrument :
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ClientSampleId :
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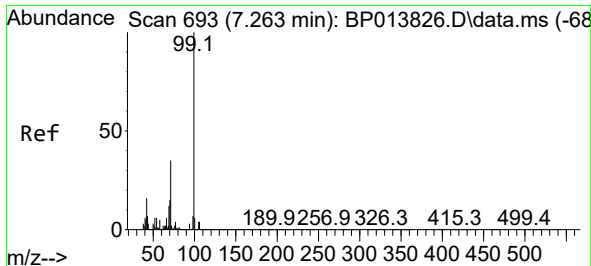
Tgt Ion:112 Resp: 951235
Ion Ratio Lower Upper
112 100
64 58.2 44.6 66.8
63 32.5 23.6 35.4



#6
Aniline
Concen: 15.965 ng
RT: 7.416 min Scan# 719
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 93 Resp: 191777
Ion Ratio Lower Upper
93 100
66 40.1 29.6 44.4
65 20.9 15.4 23.0

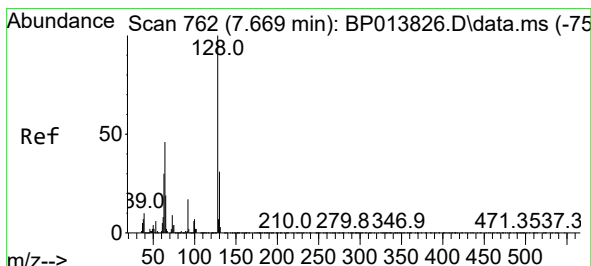
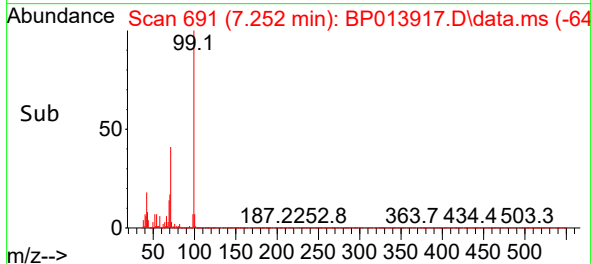
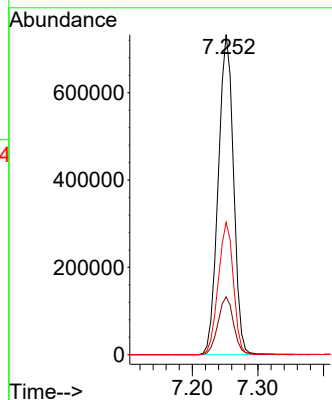
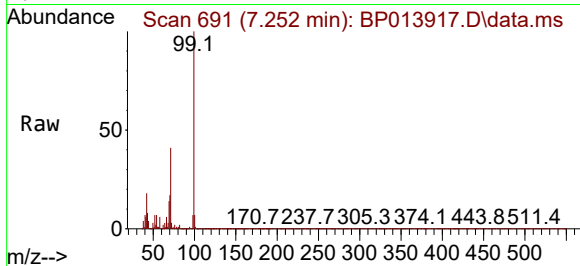




#7
Phenol-d6
Concen: 127.506 ng
RT: 7.252 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

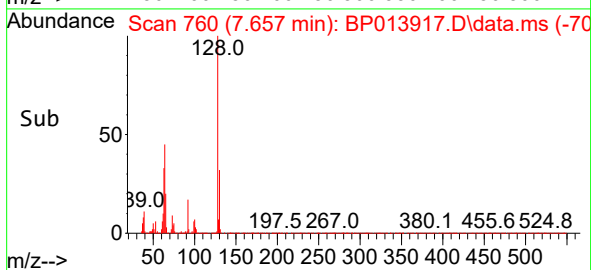
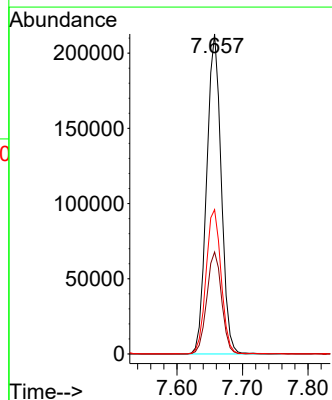
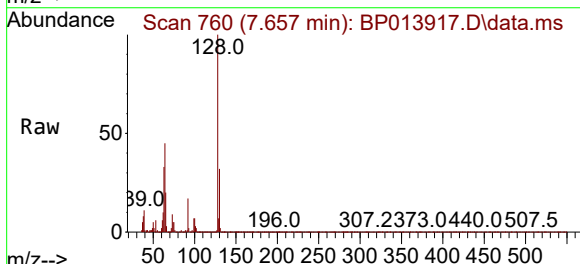
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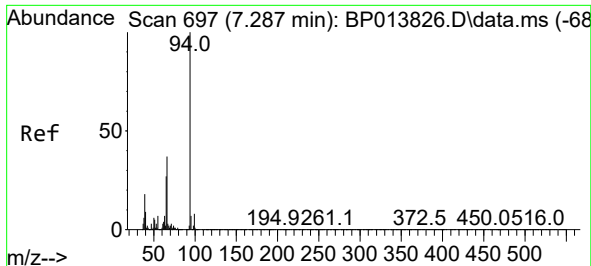
Tgt Ion: 99 Resp: 1178801
Ion Ratio Lower Upper
99 100
42 18.1 12.5 18.7
71 41.3 27.8 41.8



#8
2-Chlorophenol
Concen: 43.164 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 128 Resp: 328655
Ion Ratio Lower Upper
128 100
130 31.8 11.4 51.4
64 45.1 25.9 65.9

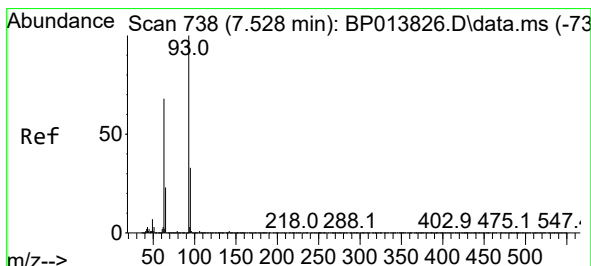
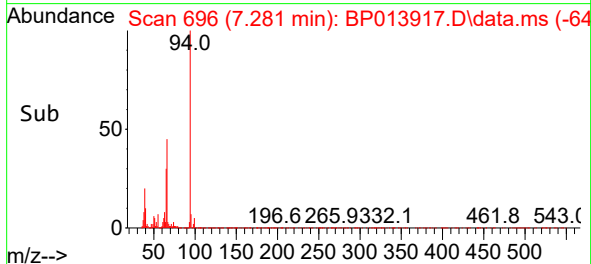
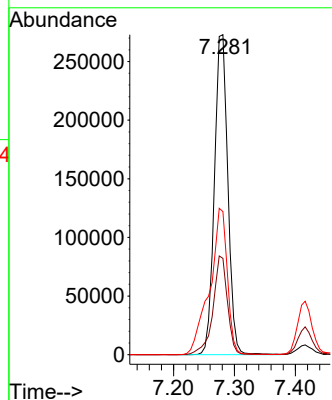
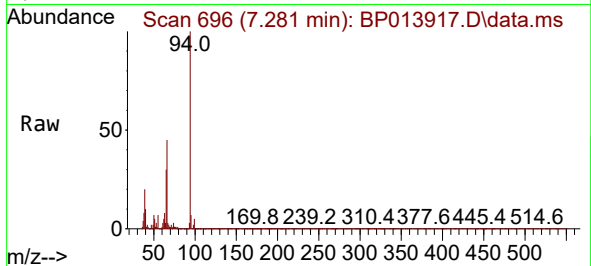




#10
Phenol
Concen: 43.415 ng
RT: 7.281 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

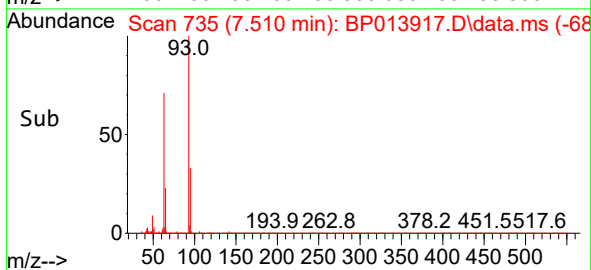
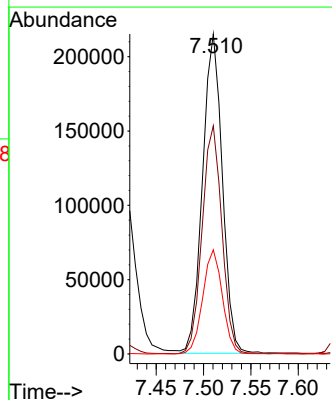
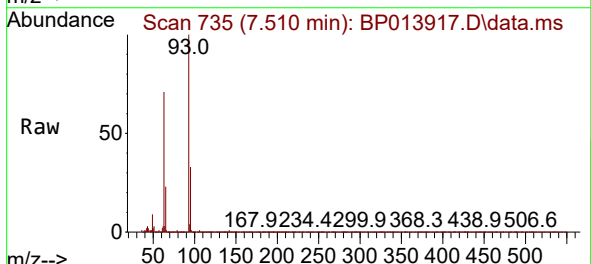
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ClientSampleId :
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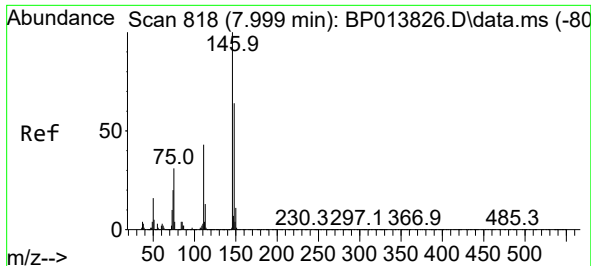
Tgt Ion: 94 Resp: 417776
Ion Ratio Lower Upper
94 100
65 30.1 6.8 46.8
66 44.7 17.4 57.4



#11
bis(2-Chloroethyl)ether
Concen: 40.622 ng
RT: 7.510 min Scan# 735
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 93 Resp: 312840
Ion Ratio Lower Upper
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63 71.3 48.1 88.1
95 32.5 12.6 52.6

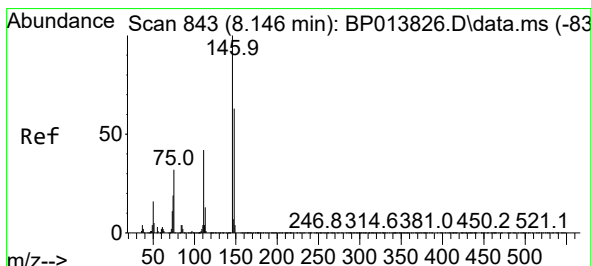
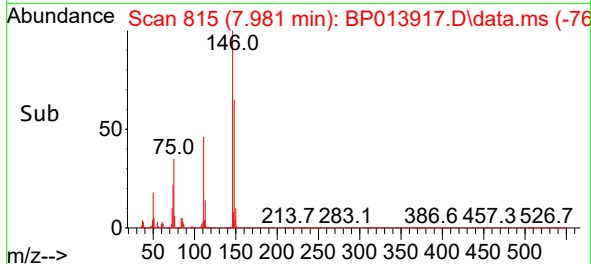
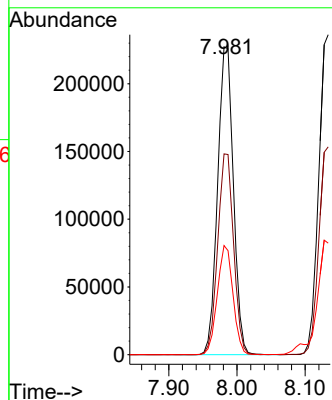
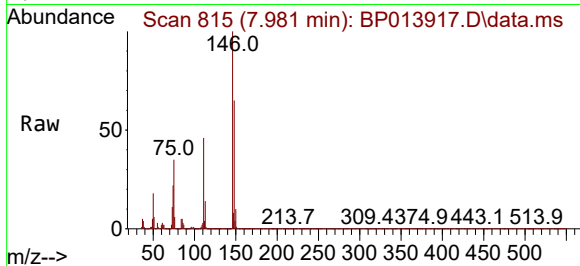




#12
1,3-Dichlorobenzene
Concen: 42.768 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

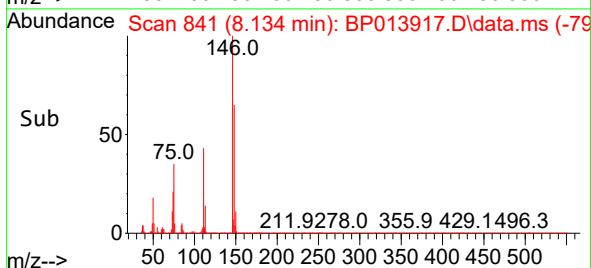
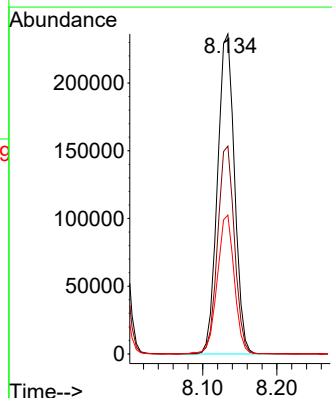
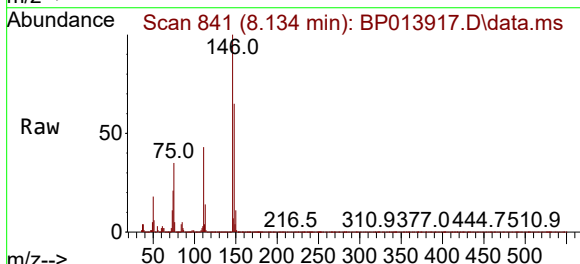
Instrument :
BNA_P
ClientSampleId :
PB151118BS

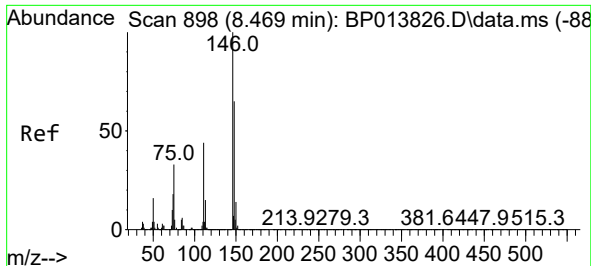
Tgt Ion:146 Resp: 366160
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 35.5 25.0 37.4



#13
1,4-Dichlorobenzene
Concen: 43.519 ng
RT: 8.134 min Scan# 841
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:146 Resp: 376361
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
111 43.4 33.8 50.6

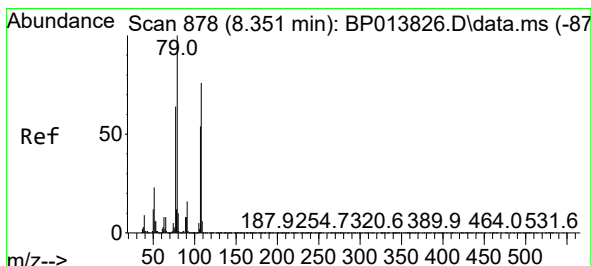
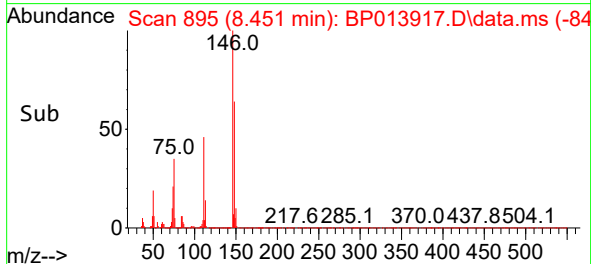
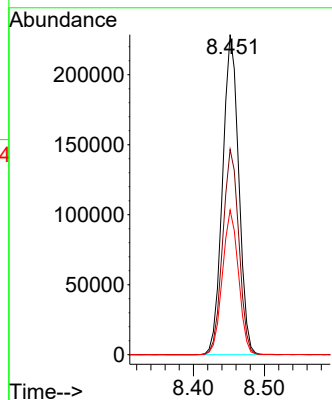
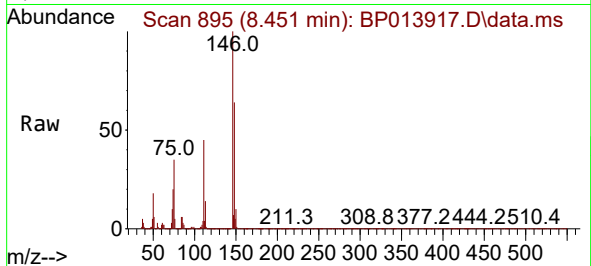




#14
1,2-Dichlorobenzene
Concen: 44.601 ng
RT: 8.451 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

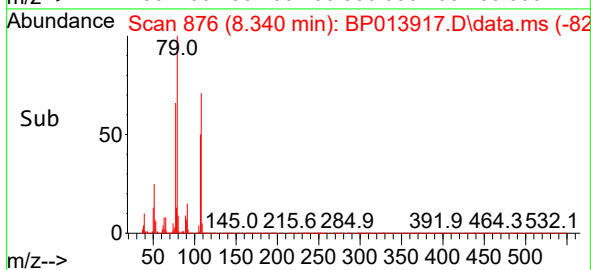
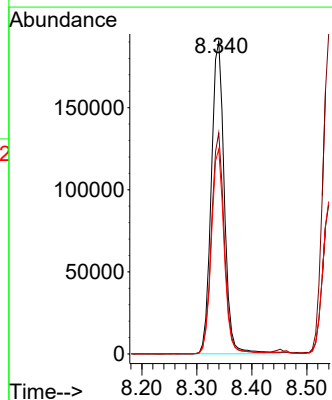
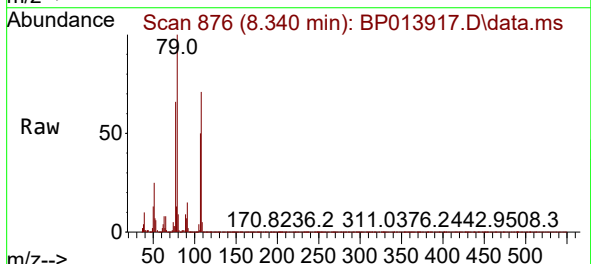
Instrument :
BNA_P
ClientSampleId :
PB151118BS

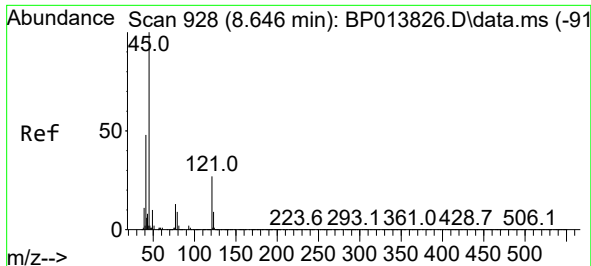
Tgt Ion:146 Resp: 360061
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
111 45.2 34.9 52.3



#15
Benzyl Alcohol
Concen: 48.185 ng
RT: 8.340 min Scan# 876
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 79 Resp: 312547
Ion Ratio Lower Upper
79 100
108 70.8 60.7 91.1
77 65.6 51.4 77.0

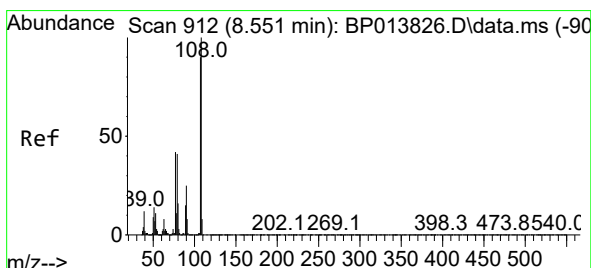
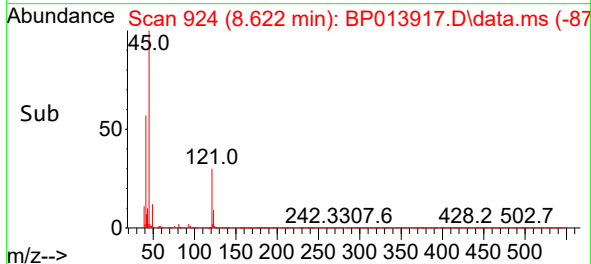
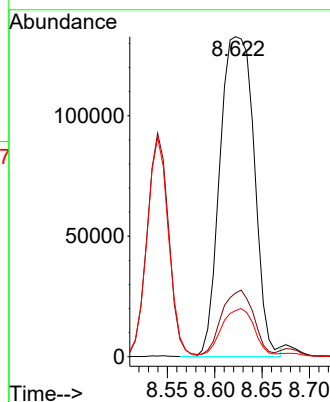
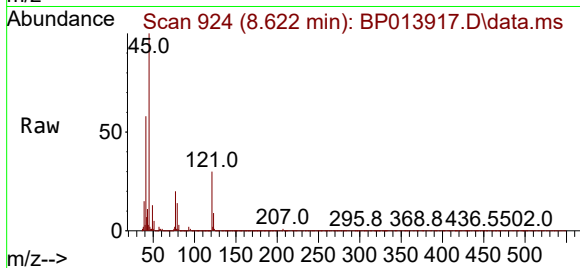




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.483 ng
RT: 8.622 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

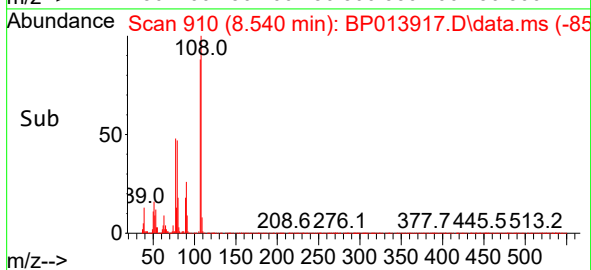
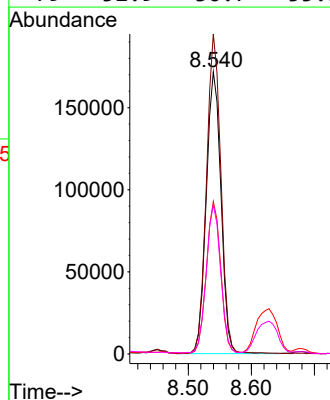
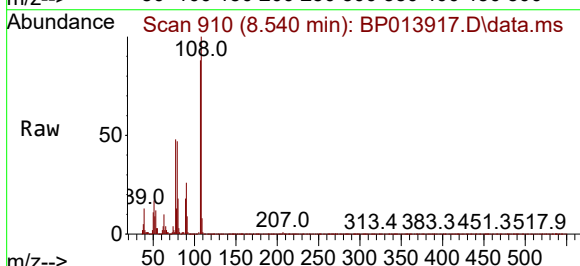
Instrument :
BNA_P
ClientSampleId :
PB151118BS

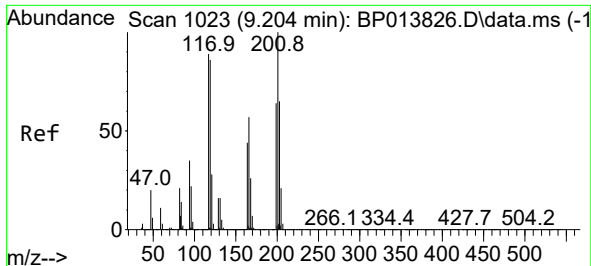
Tgt Ion: 45 Resp: 333030
Ion Ratio Lower Upper
45 100
77 19.9 0.0 37.5
79 14.4 0.0 33.8



#17
2-Methylphenol
Concen: 42.207 ng
RT: 8.540 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 107 Resp: 276389
Ion Ratio Lower Upper
107 100
108 113.5 88.9 133.3
77 54.1 37.1 55.7
79 52.9 36.7 55.1

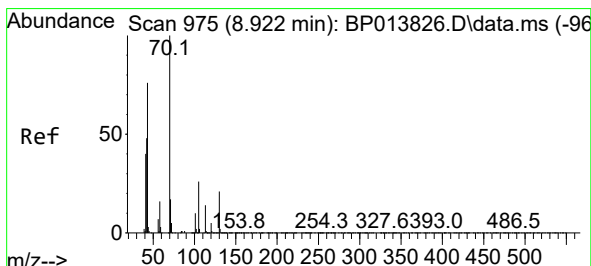
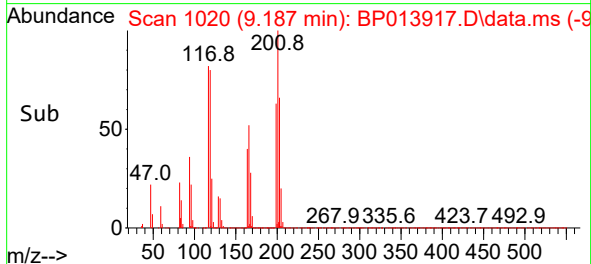
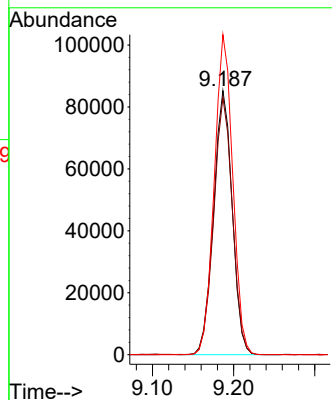
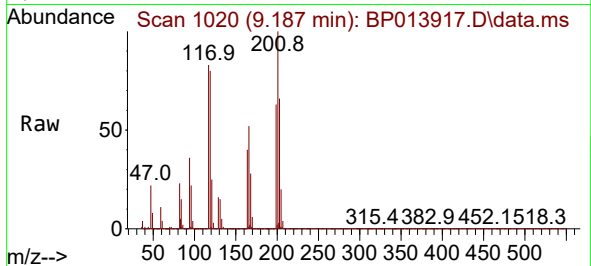




#18
Hexachloroethane
Concen: 44.963 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

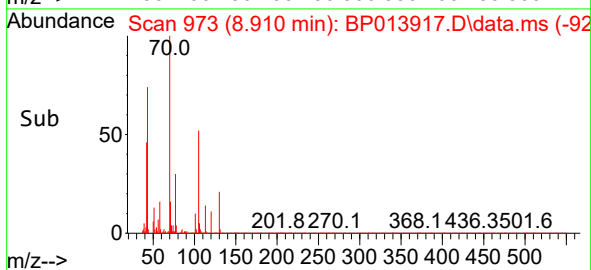
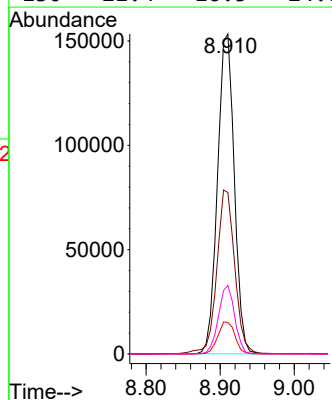
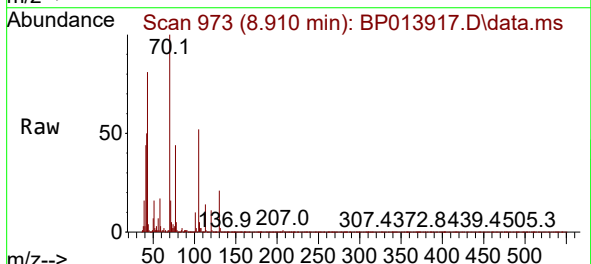
Instrument :
BNA_P
ClientSampleId :
PB151118BS

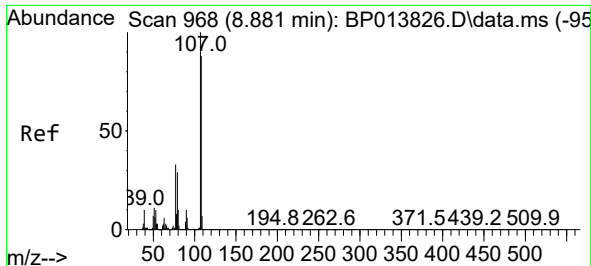
Tgt Ion:117 Resp: 136208
Ion Ratio Lower Upper
117 100
119 97.3 77.2 115.8
201 121.2 89.4 134.2



#19
n-Nitroso-di-n-propylamine
Concen: 44.513 ng
RT: 8.910 min Scan# 973
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 70 Resp: 240856
Ion Ratio Lower Upper
70 100
42 50.5 39.0 58.4
101 9.9 8.0 12.0
130 21.4 16.5 24.7

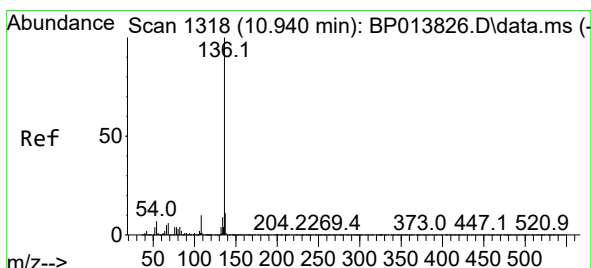
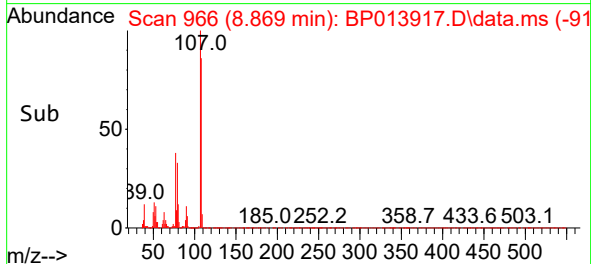
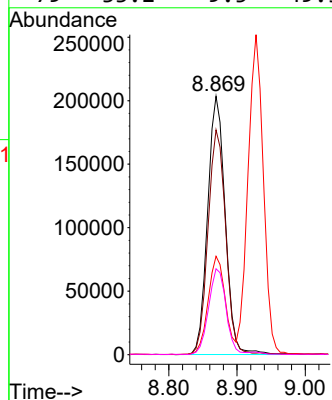
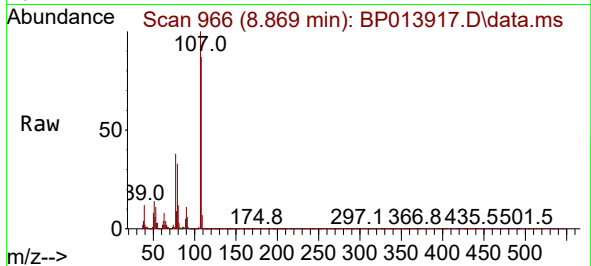




#20
3+4-Methylphenols
Concen: 41.392 ng
RT: 8.869 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

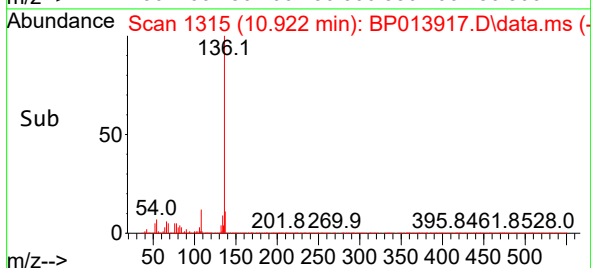
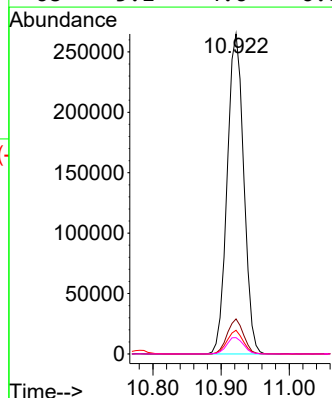
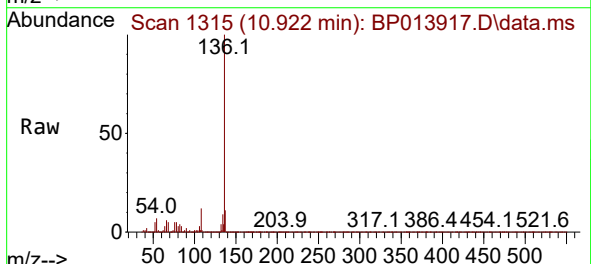
Instrument :
BNA_P
ClientSampleId :
PB151118BS

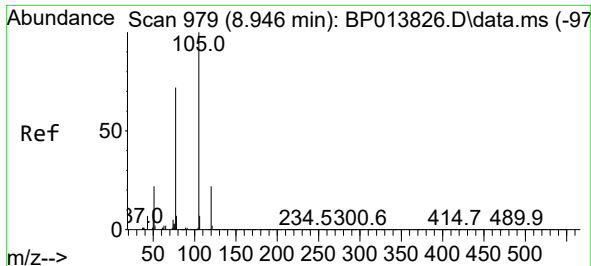
Tgt Ion:107 Resp: 364820
Ion Ratio Lower Upper
107 100
108 87.0 67.7 107.7
77 38.1 13.4 53.4
79 33.2 9.5 49.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:136 Resp: 448020
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.4 5.8 8.6
68 5.1 4.6 6.8

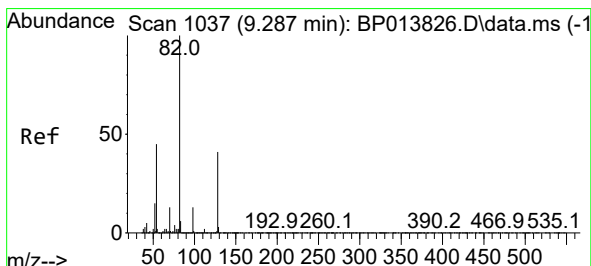
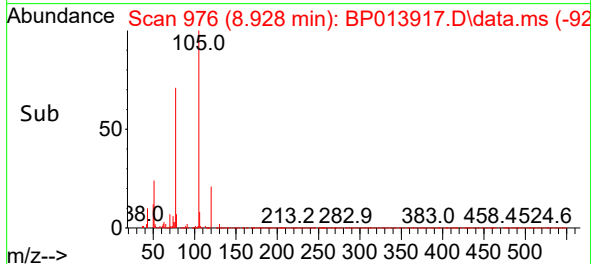
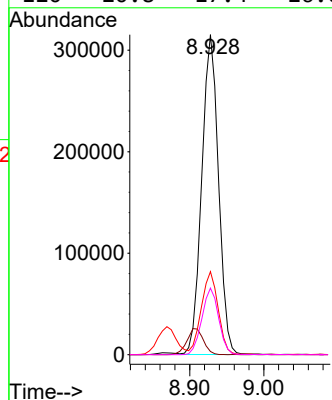
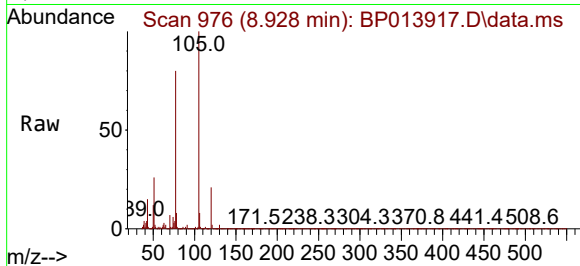




#22
Acetophenone
Concen: 43.770 ng
RT: 8.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

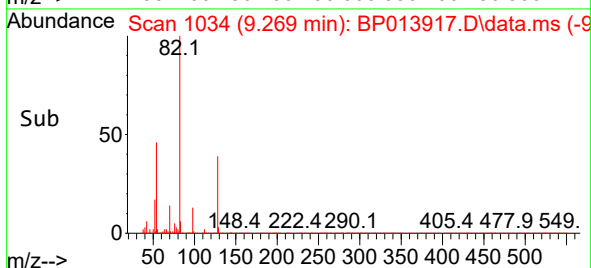
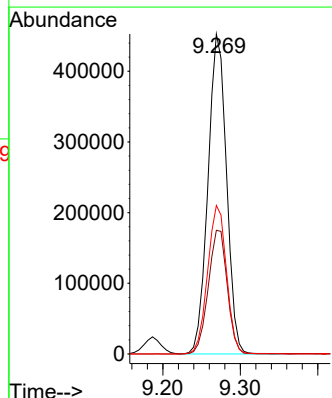
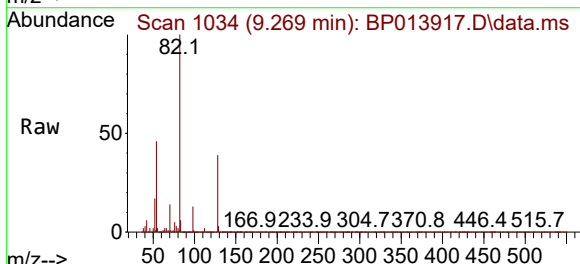
Instrument :
BNA_P
ClientSampleId :
PB151118BS

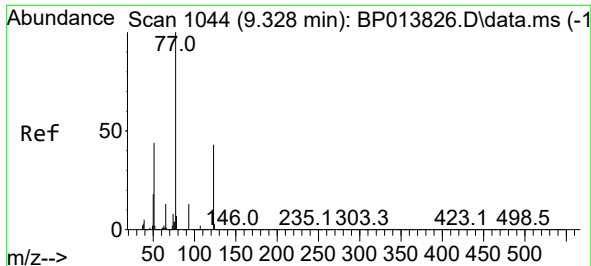
Tgt Ion:105 Resp: 494616
Ion Ratio Lower Upper
105 100
71 1.0 0.7 1.1
51 26.0 18.9 28.3
120 20.8 17.4 26.0



#23
Nitrobenzene-d5
Concen: 90.468 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 82 Resp: 750584
Ion Ratio Lower Upper
82 100
128 38.6 32.9 49.3
54 46.4 35.6 53.4

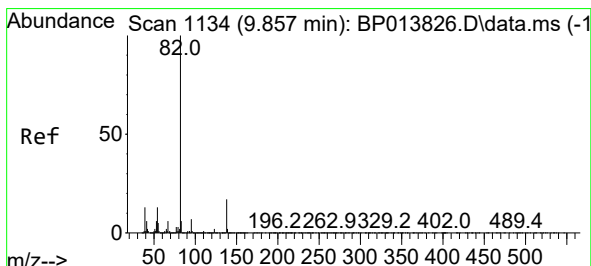
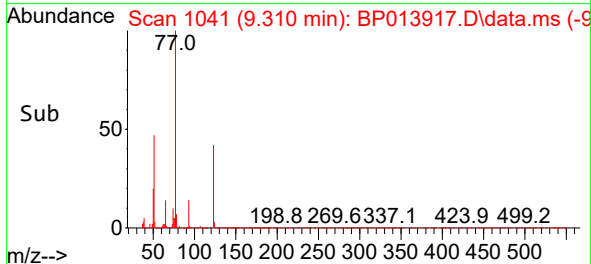
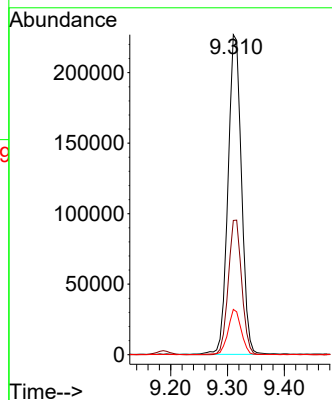
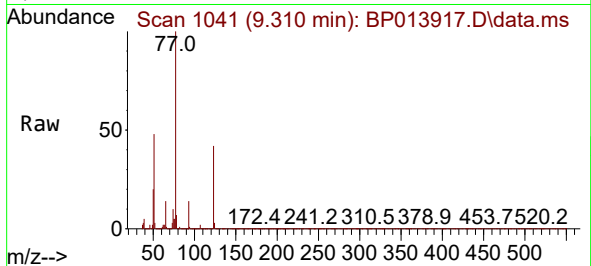




#24
Nitrobenzene
Concen: 43.376 ng
RT: 9.310 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

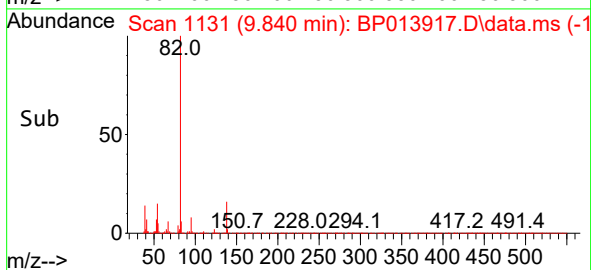
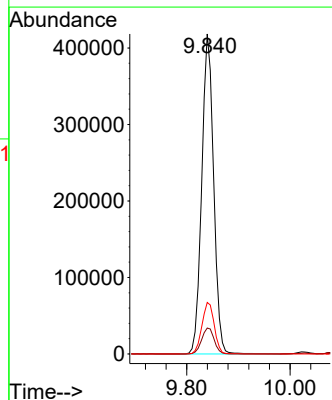
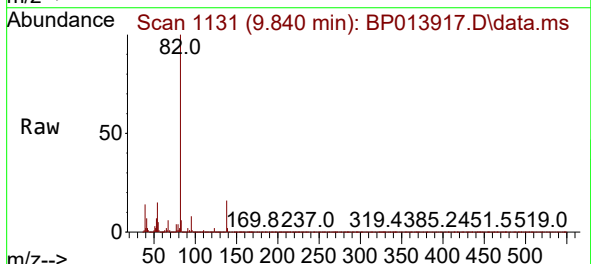
Instrument :
BNA_P
ClientSampleId :
PB151118BS

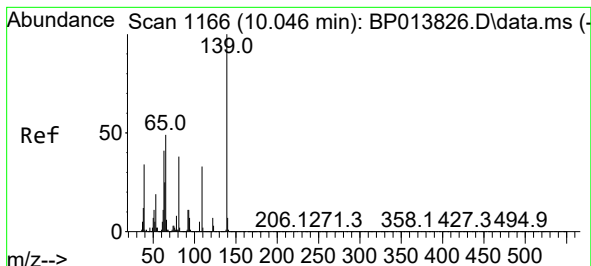
Tgt Ion: 77 Resp: 375546
Ion Ratio Lower Upper
77 100
123 42.0 34.7 52.1
65 14.2 10.5 15.7



#25
Isophorone
Concen: 41.726 ng
RT: 9.840 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 82 Resp: 667135
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.8
138 16.1 13.7 20.5

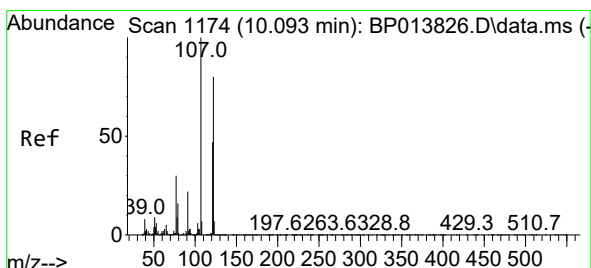
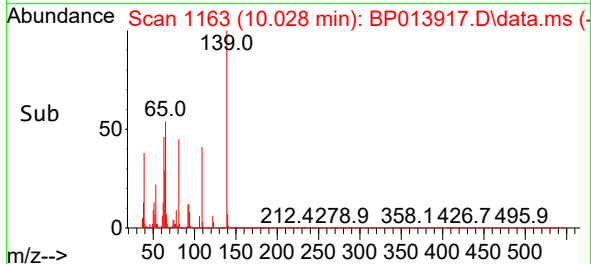
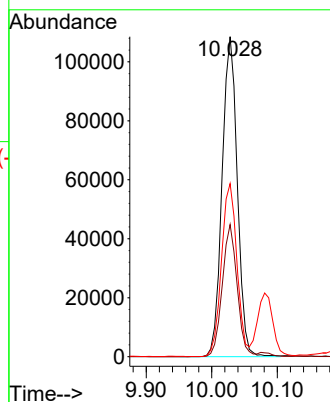
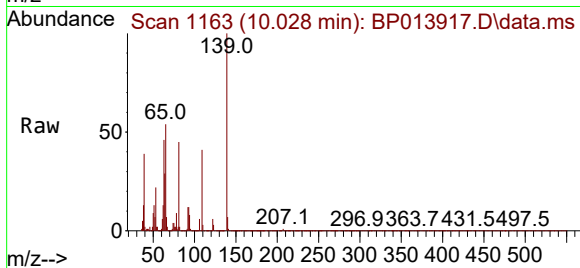




#26
2-Nitrophenol
Concen: 43.043 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

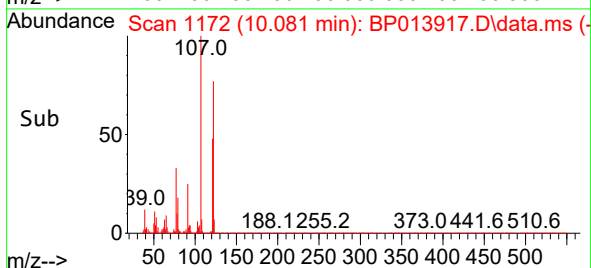
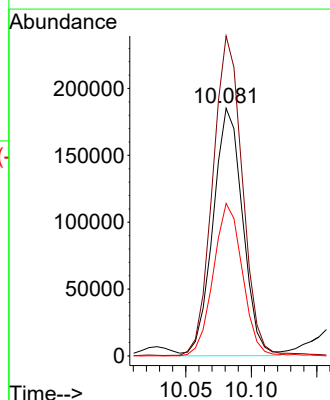
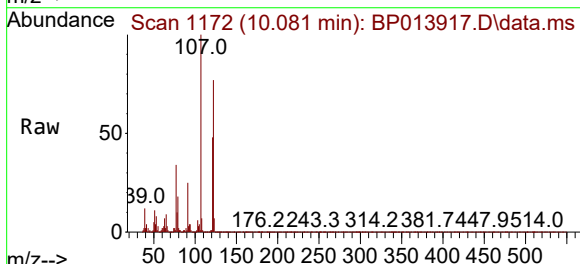
Instrument :
BNA_P
ClientSampleId :
PB151118BS

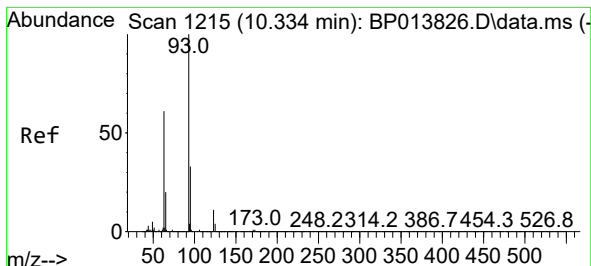
Tgt Ion:139 Resp: 174372
Ion Ratio Lower Upper
139 100
109 41.3 26.7 40.1#
65 54.1 39.4 59.2



#27
2,4-Dimethylphenol
Concen: 43.553 ng
RT: 10.081 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:122 Resp: 291212
Ion Ratio Lower Upper
122 100
107 129.2 100.0 150.0
121 61.6 47.2 70.8

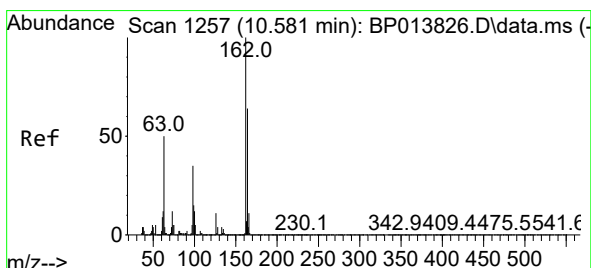
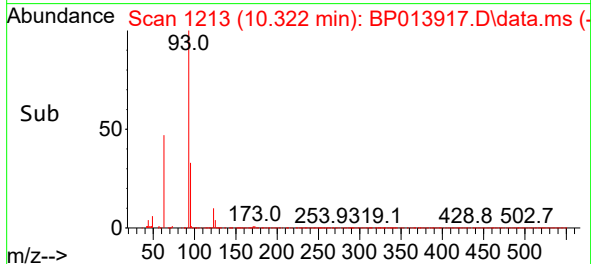
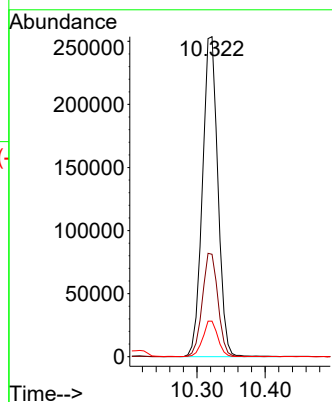
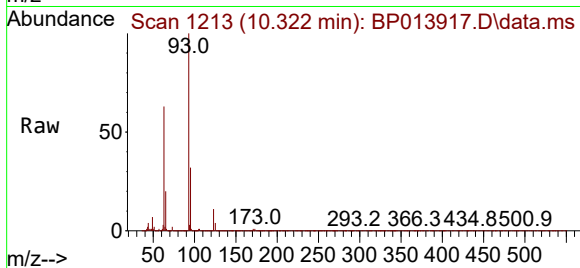




#28
bis(2-Chloroethoxy)methane
Concen: 39.083 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

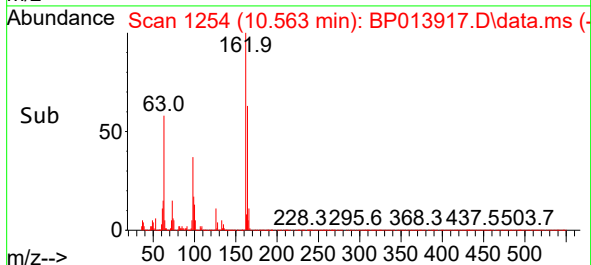
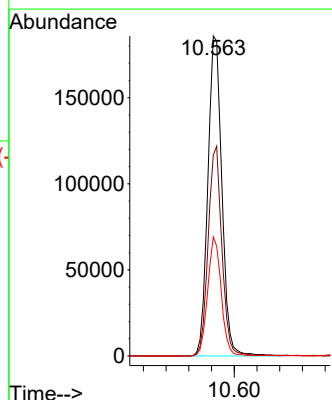
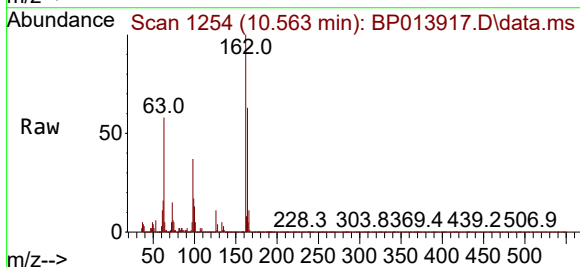
Instrument :
BNA_P
ClientSampleId :
PB151118BS

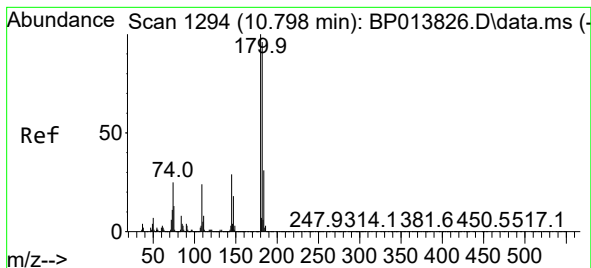
Tgt Ion: 93 Resp: 398887
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 11.1 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 44.319 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 162 Resp: 317936
Ion Ratio Lower Upper
162 100
164 62.8 44.4 84.4
98 37.2 14.7 54.7





#30

1,2,4-Trichlorobenzene

Concen: 42.462 ng

RT: 10.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

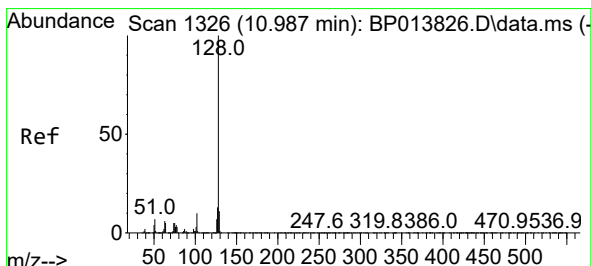
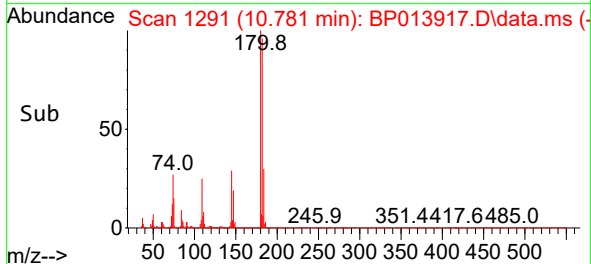
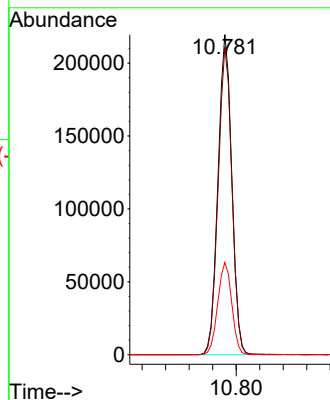
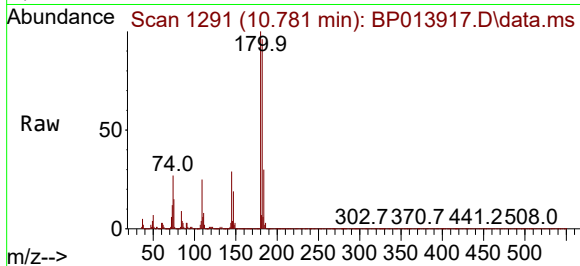
Tgt Ion:180 Resp: 357456

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 28.8 22.9 34.3



#31

Naphthalene

Concen: 38.676 ng

RT: 10.975 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

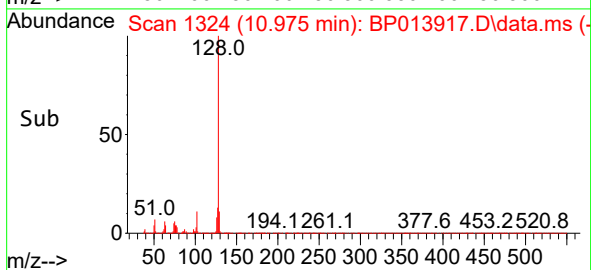
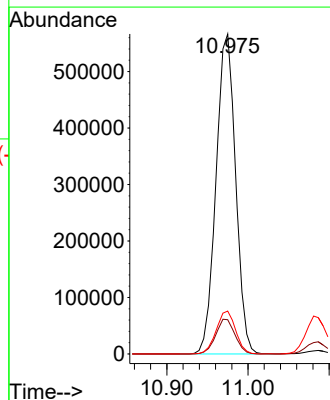
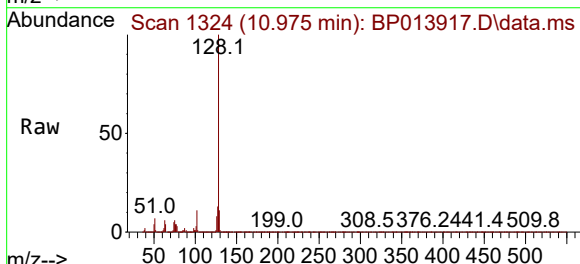
Tgt Ion:128 Resp: 950019

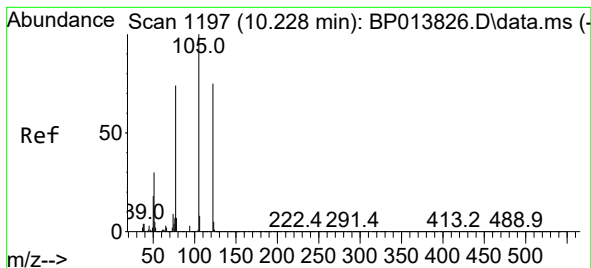
Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.4 10.4 15.6





#32

Benzoic acid

Concen: 41.681 ng

RT: 10.216 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

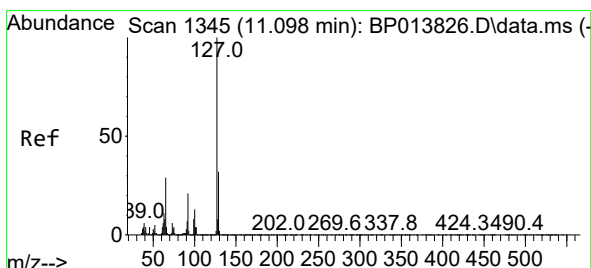
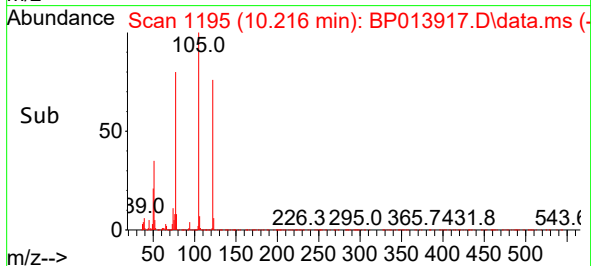
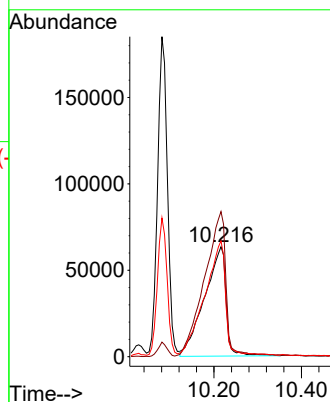
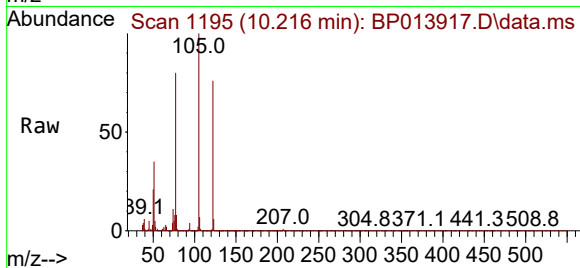
Tgt Ion:122 Resp: 215815

Ion Ratio Lower Upper

122 100

105 132.0 107.4 147.4

77 105.5 76.0 116.0



#33

4-Chloroaniline

Concen: 12.322 ng

RT: 11.081 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Tgt Ion:127 Resp: 127095

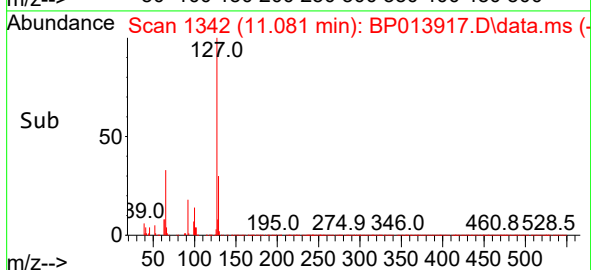
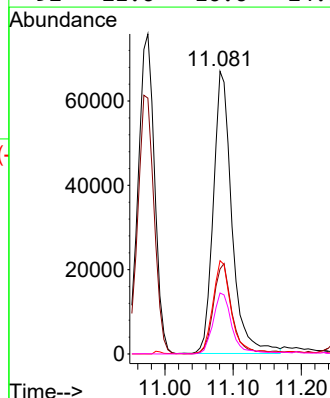
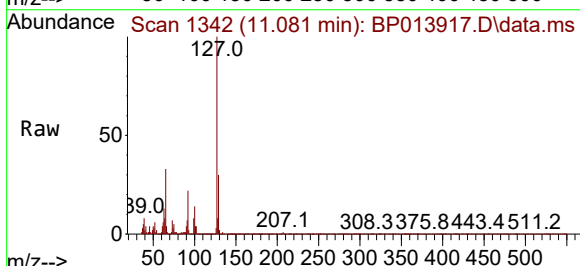
Ion Ratio Lower Upper

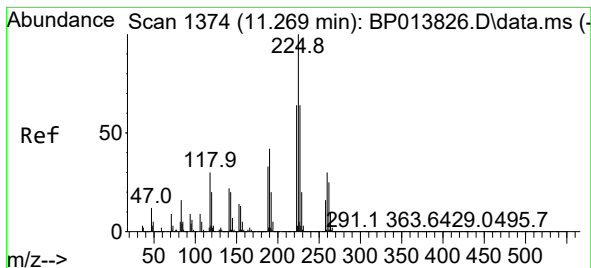
127 100

129 30.0 25.7 38.5

65 33.0 23.4 35.2

92 21.6 16.6 24.8





#34

Hexachlorobutadiene

Concen: 45.979 ng

RT: 11.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

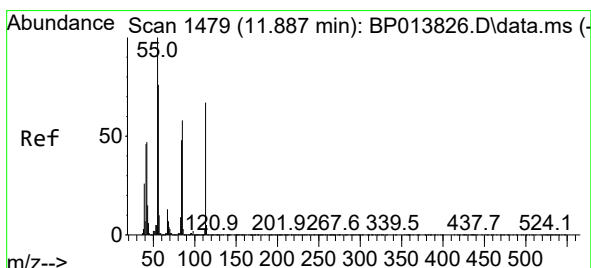
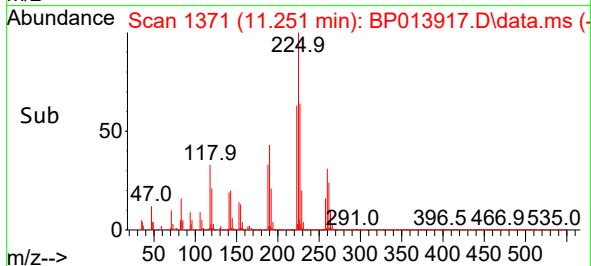
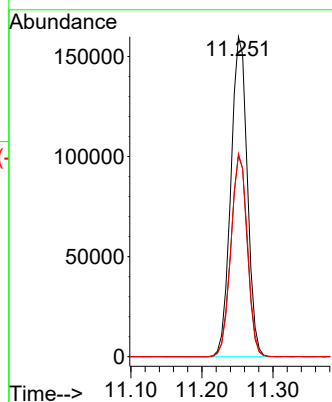
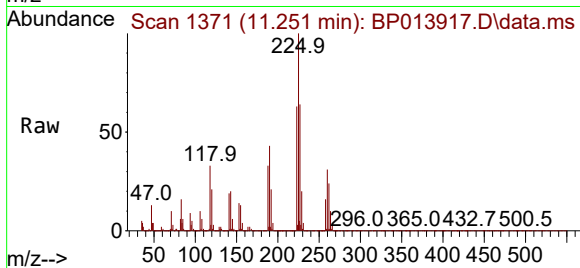
Tgt Ion:225 Resp: 257214

Ion Ratio Lower Upper

225 100

223 62.8 51.0 76.4

227 63.5 51.6 77.4



#35

Caprolactam

Concen: 39.033 ng

RT: 11.875 min Scan# 1477

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

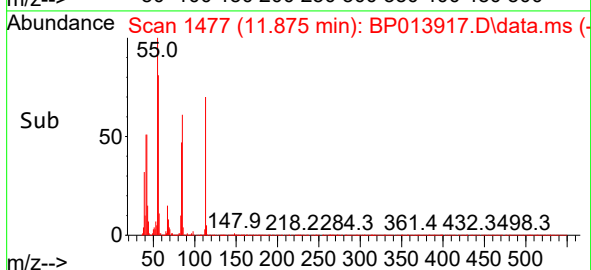
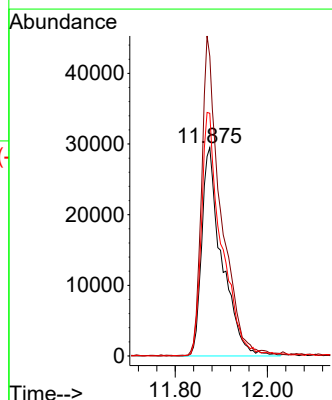
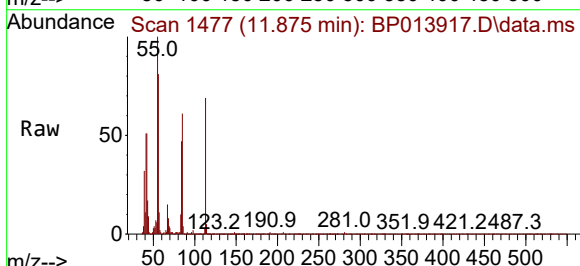
Tgt Ion:113 Resp: 89401

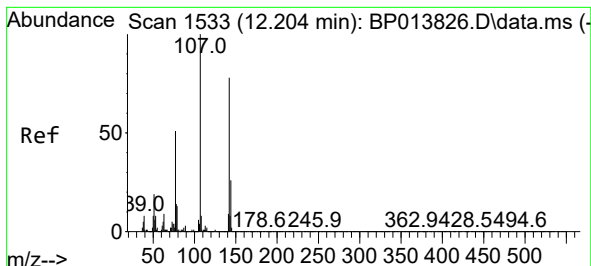
Ion Ratio Lower Upper

113 100

55 143.9 128.5 168.5

56 116.5 93.4 133.4

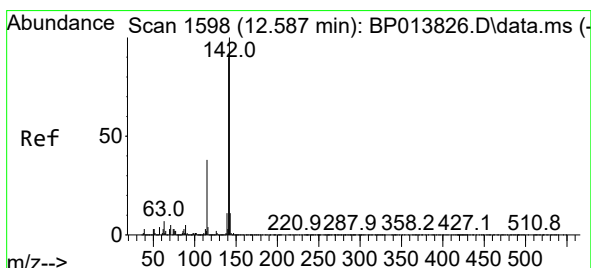
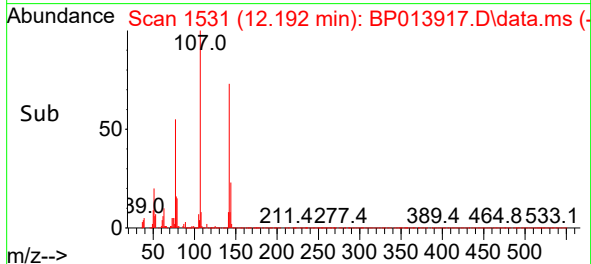
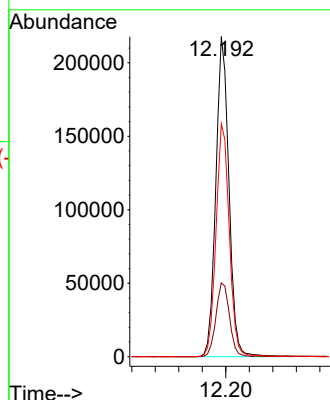
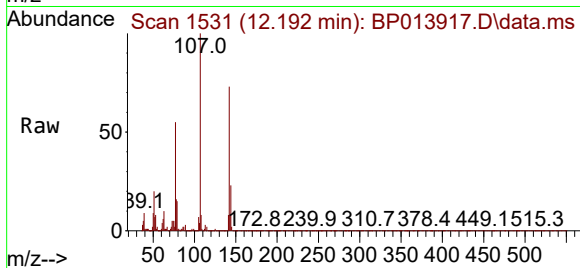




#36
4-Chloro-3-methylphenol
Concen: 42.092 ng
RT: 12.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

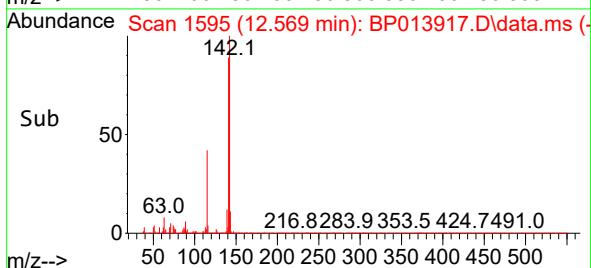
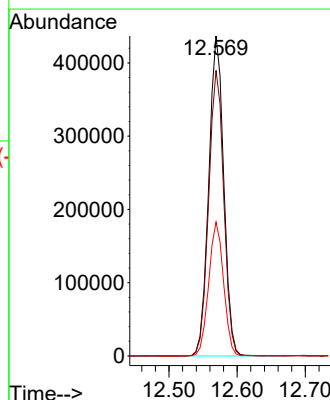
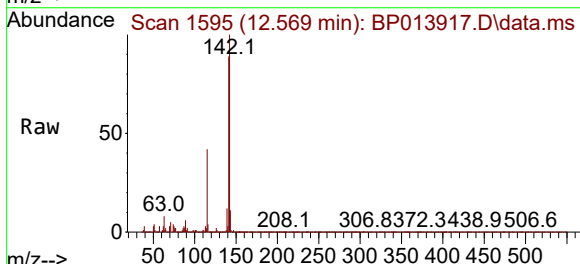
Instrument :
BNA_P
ClientSampleId :
PB151118BS

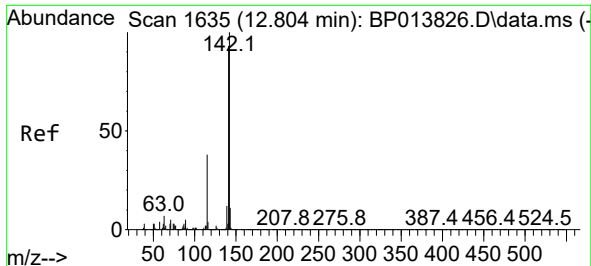
Tgt Ion:107 Resp: 336477
Ion Ratio Lower Upper
107 100
144 23.0 20.4 30.6
142 72.7 62.2 93.4



#37
2-Methylnaphthalene
Concen: 37.555 ng
RT: 12.569 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:142 Resp: 667761
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1
115 41.9 30.2 45.4

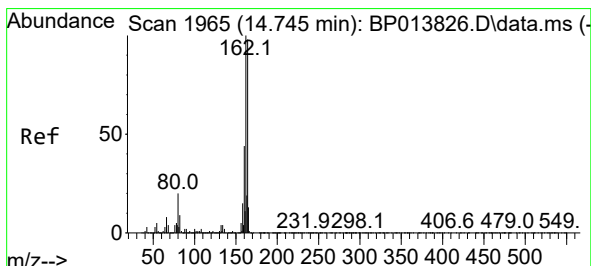
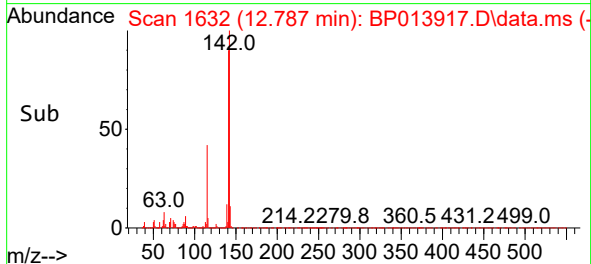
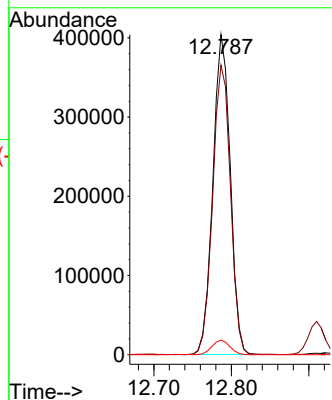
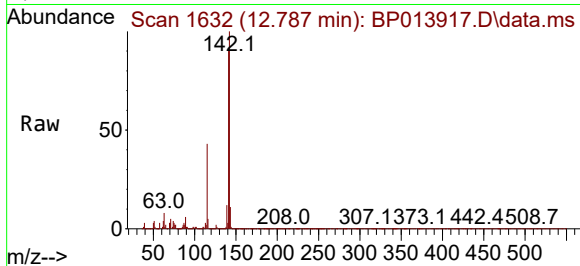




#38
1-Methylnaphthalene
Concen: 37.729 ng
RT: 12.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

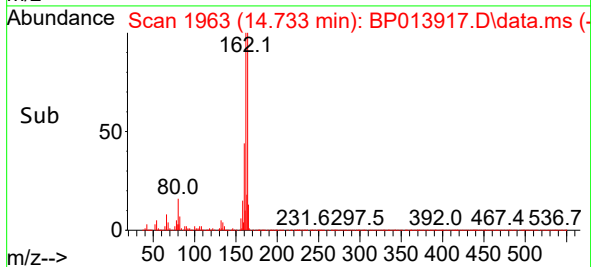
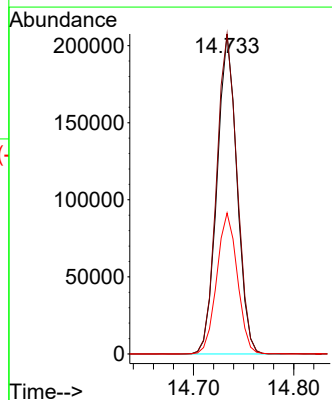
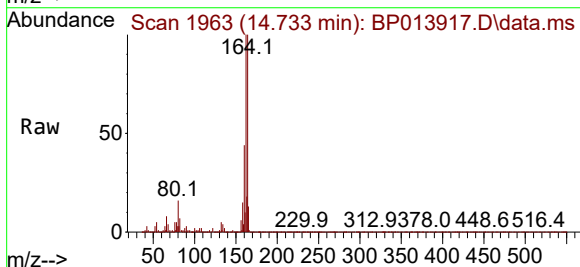
Instrument :
BNA_P
ClientSampleId :
PB151118BS

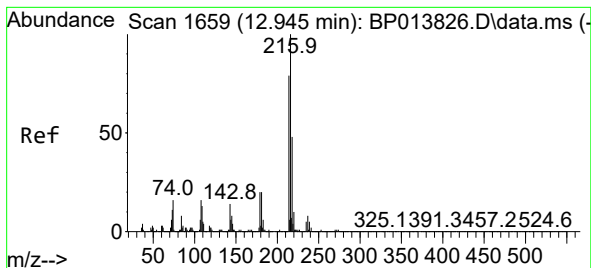
Tgt Ion:142 Resp: 627854
Ion Ratio Lower Upper
142 100
141 90.4 74.2 111.4
116 4.6 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:164 Resp: 285407
Ion Ratio Lower Upper
164 100
162 100.1 81.7 122.5
160 44.1 36.1 54.1





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.548 ng

RT: 12.934 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

Tgt Ion:216 Resp: 427653

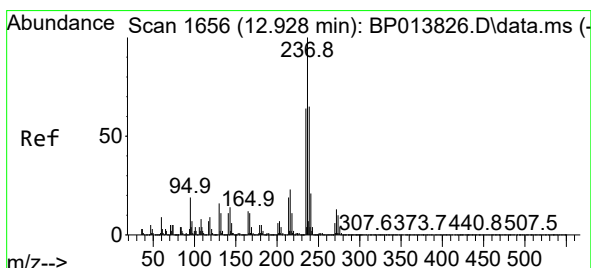
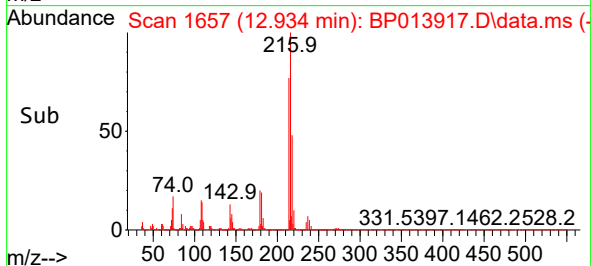
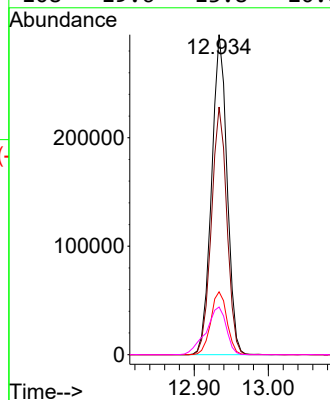
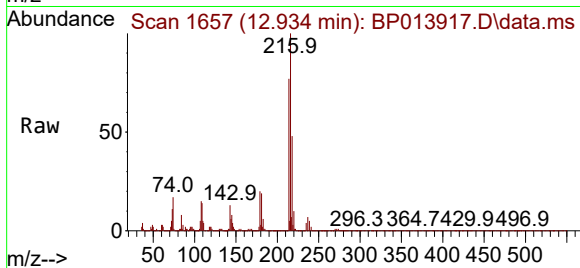
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.4

179 20.5 16.0 24.0

108 19.6 13.8 20.8



#41

Hexachlorocyclopentadiene

Concen: 107.259 ng

RT: 12.910 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

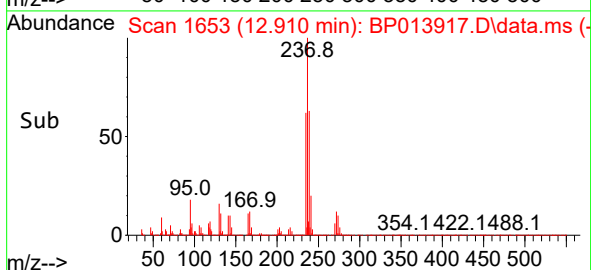
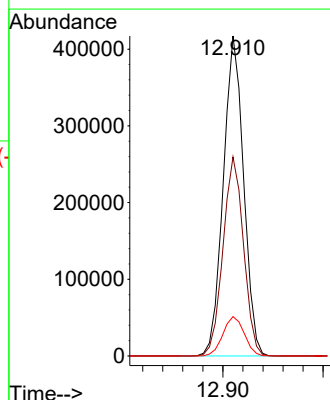
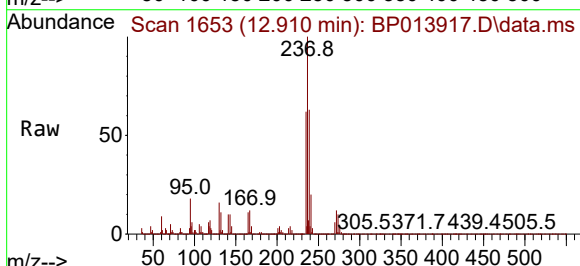
Tgt Ion:237 Resp: 586422

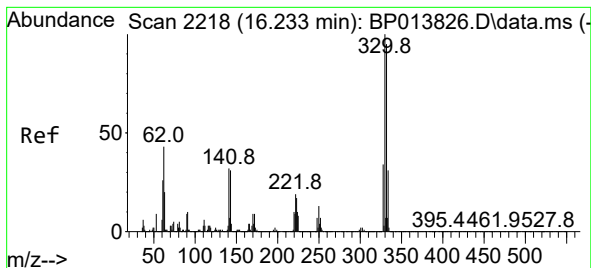
Ion Ratio Lower Upper

237 100

235 62.2 44.3 84.3

272 12.3 0.0 32.8





#42

2,4,6-Tribromophenol

Concen: 135.181 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

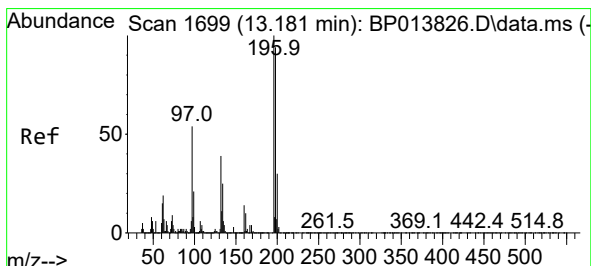
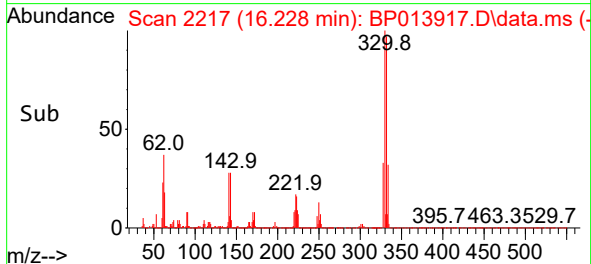
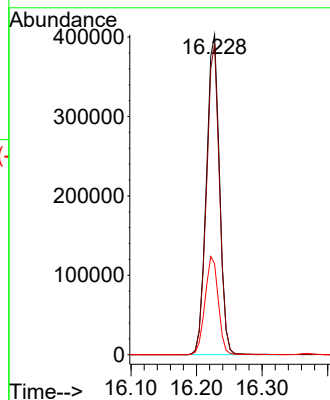
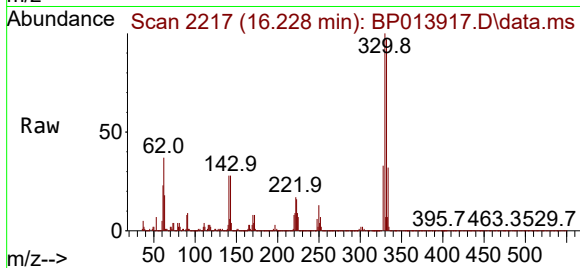
Tgt Ion:330 Resp: 561620

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 31.0 25.1 37.7



#43

2,4,6-Trichlorophenol

Concen: 42.622 ng

RT: 13.169 min Scan# 1697

Delta R.T. -0.006 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

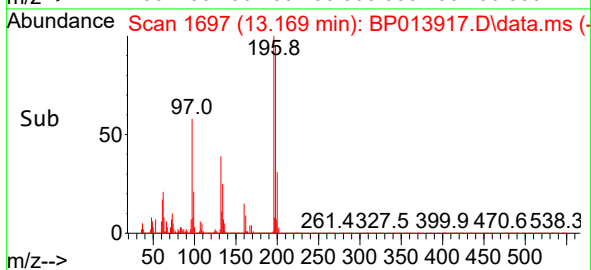
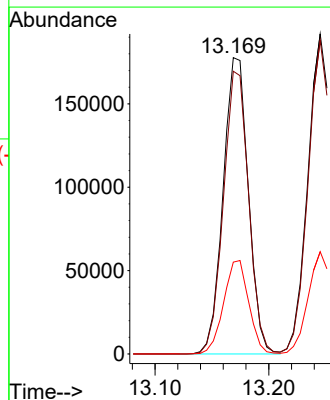
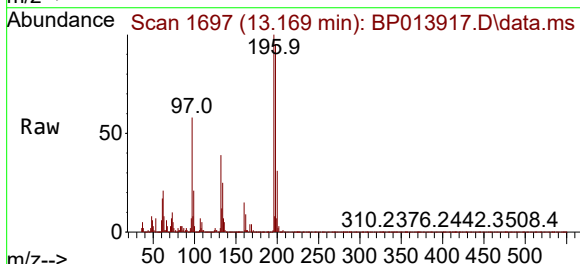
Tgt Ion:196 Resp: 274440

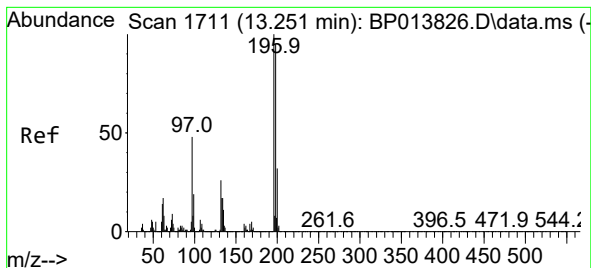
Ion Ratio Lower Upper

196 100

198 95.4 75.5 113.3

200 31.0 24.1 36.1





#44

2,4,5-Trichlorophenol

Concen: 38.551 ng

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

Tgt Ion:196 Resp: 295023

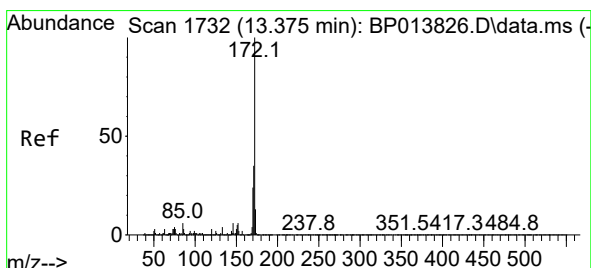
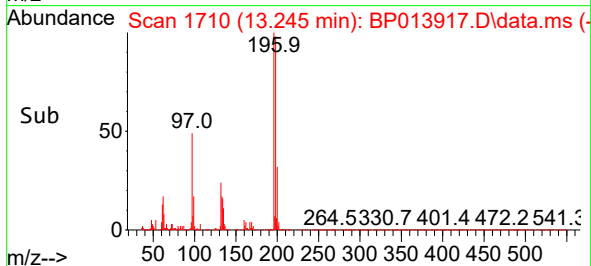
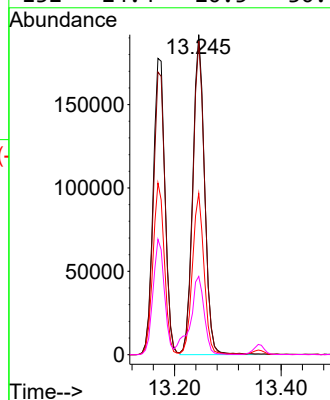
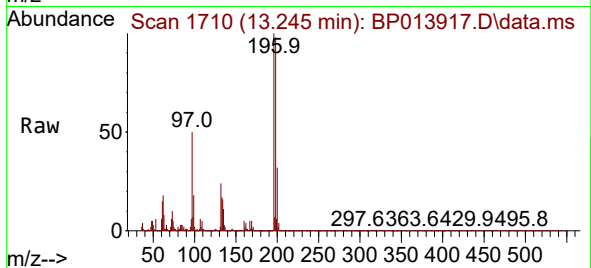
Ion Ratio Lower Upper

196 100

198 98.0 76.1 114.1

97 50.4 38.8 58.2

132 24.4 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 78.914 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

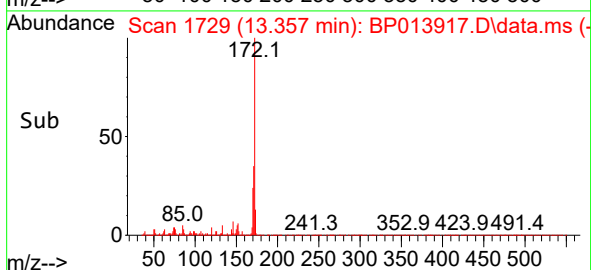
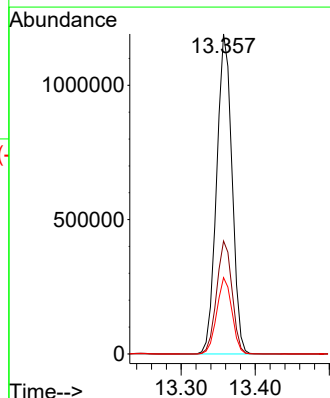
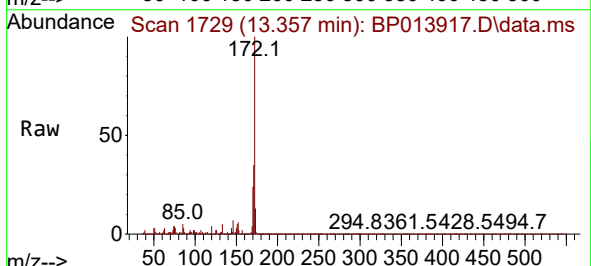
Tgt Ion:172 Resp: 1714741

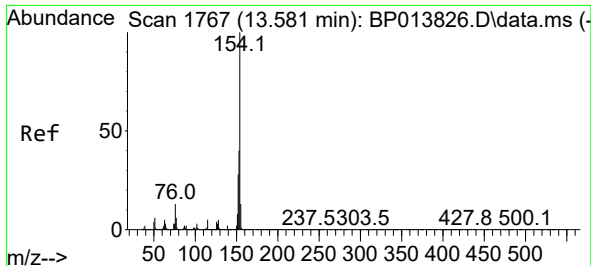
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.8 19.0 28.4

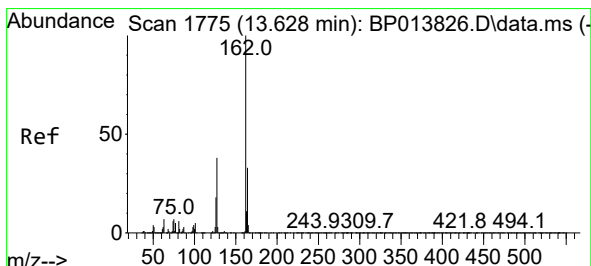
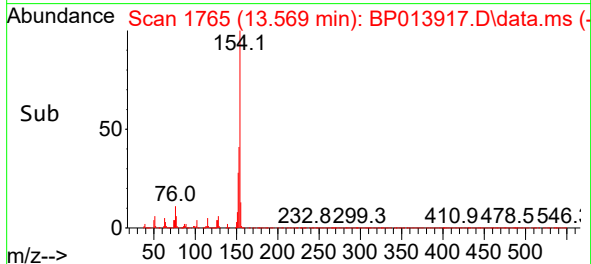
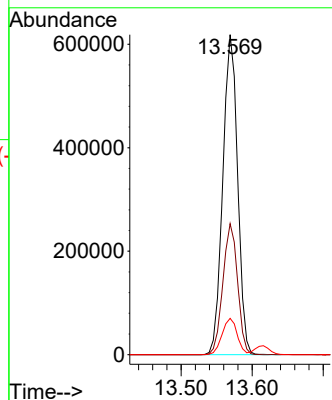
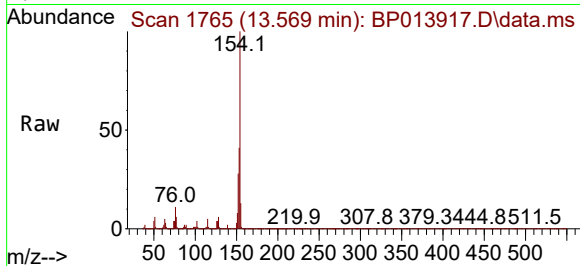




#46
1,1'-Biphenyl
Concen: 38.597 ng
RT: 13.569 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

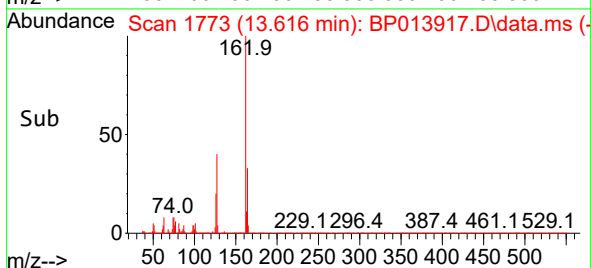
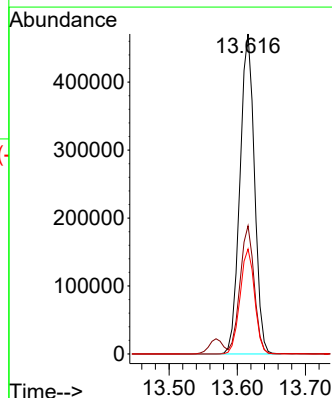
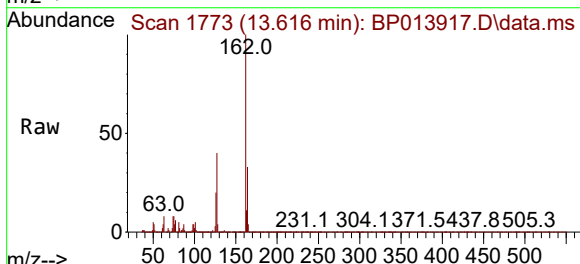
Instrument :
BNA_P
ClientSampleId :
PB151118BS

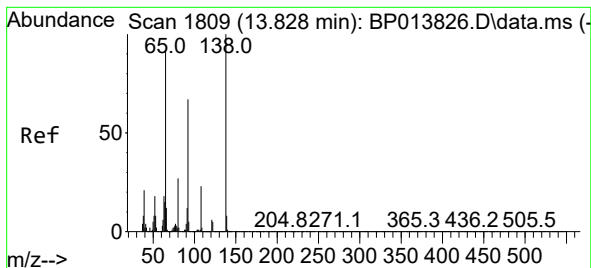
Tgt Ion:154 Resp: 890357
Ion Ratio Lower Upper
154 100
153 40.9 19.9 59.9
76 11.3 0.0 32.8



#47
2-Chloronaphthalene
Concen: 39.708 ng
RT: 13.616 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:162 Resp: 697856
Ion Ratio Lower Upper
162 100
127 40.1 30.8 46.2
164 32.8 26.3 39.5





#48

2-Nitroaniline

Concen: 40.096 ng

RT: 13.816 min Scan# 1807

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

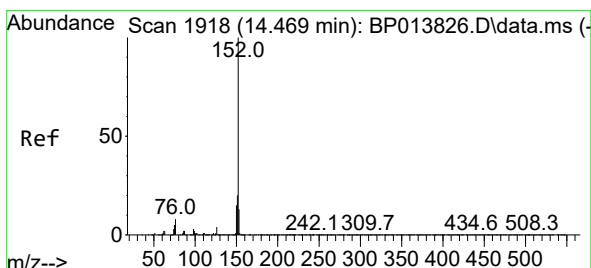
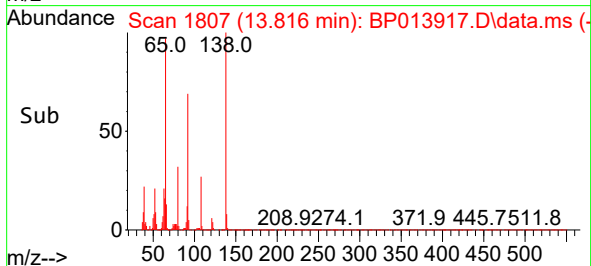
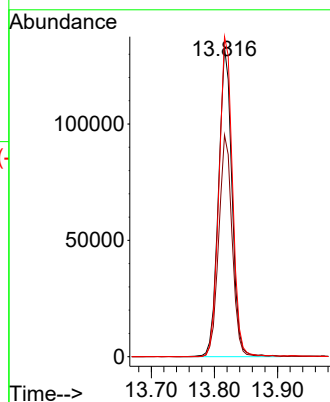
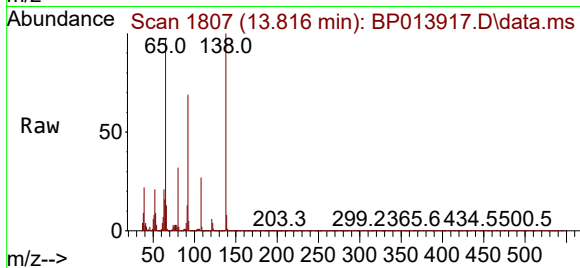
Tgt Ion: 65 Resp: 197296

Ion Ratio Lower Upper

65 100

92 71.6 58.7 88.1

138 103.4 87.3 130.9



#49

Acenaphthylene

Concen: 38.425 ng

RT: 14.457 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

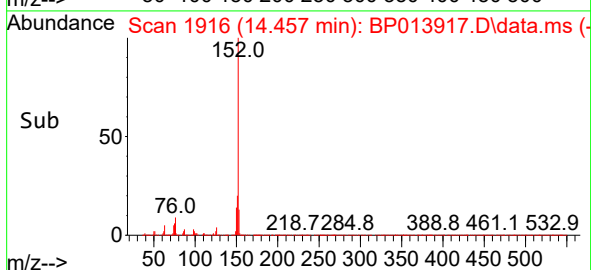
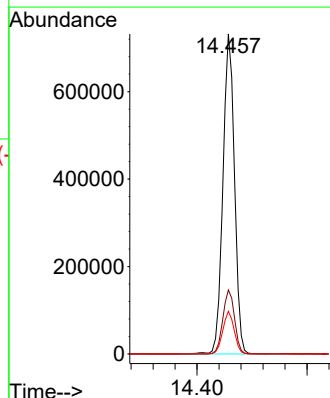
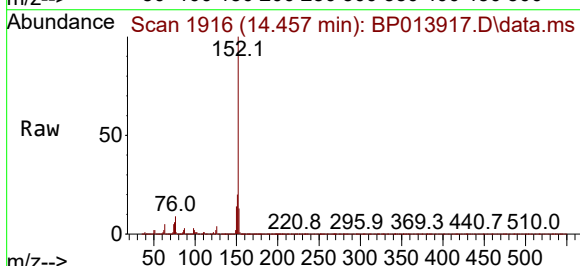
Tgt Ion: 152 Resp: 1064515

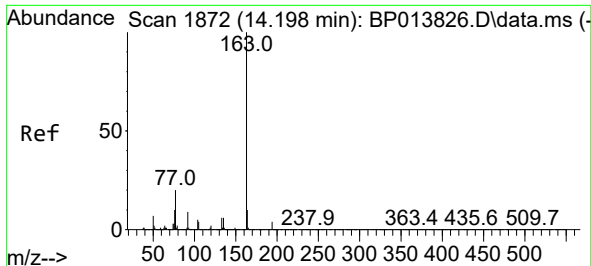
Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.3 10.7 16.1

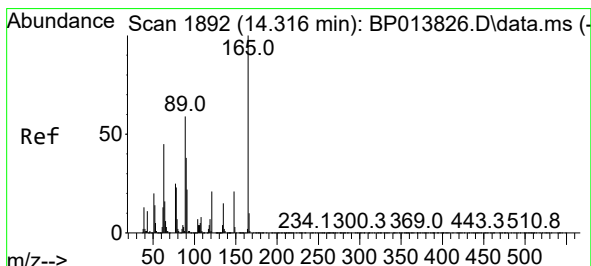
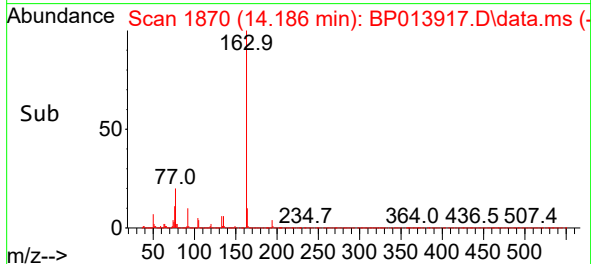
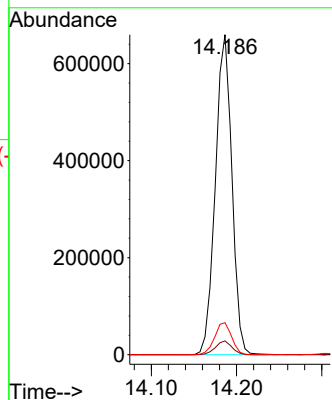
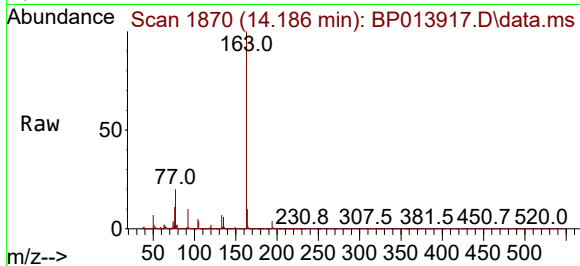




#50
Dimethylphthalate
Concen: 38.304 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

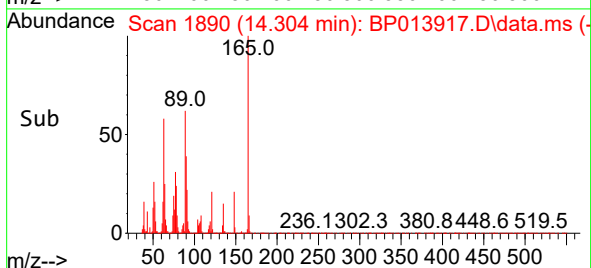
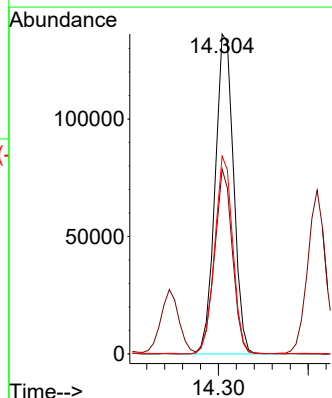
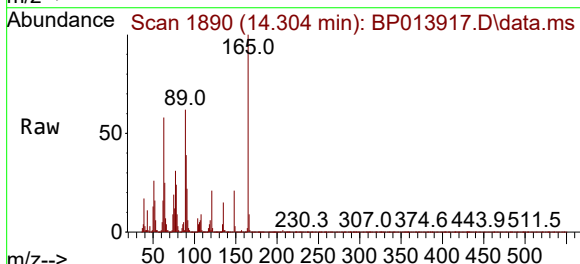
Instrument :
BNA_P
ClientSampleId :
PB151118BS

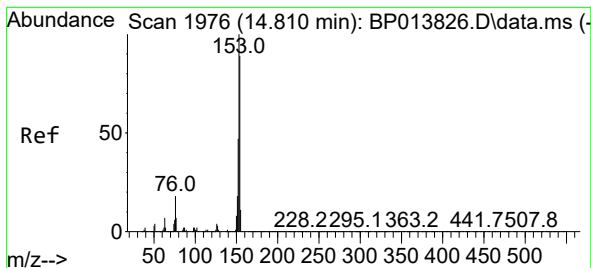
Tgt Ion:163 Resp: 889579
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 38.729 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:165 Resp: 194613
Ion Ratio Lower Upper
165 100
63 57.8 42.6 63.8
89 61.8 47.1 70.7





#52

Acenaphthene

Concen: 38.099 ng

RT: 14.798 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

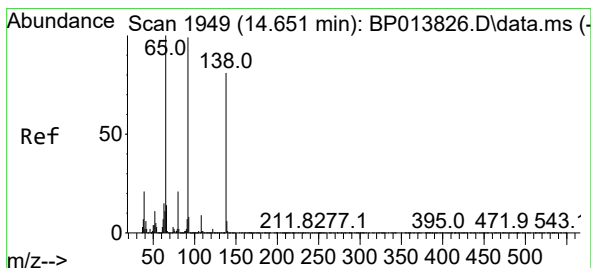
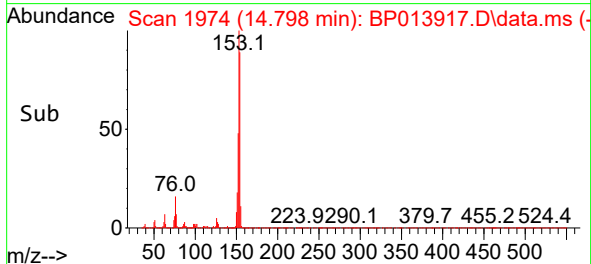
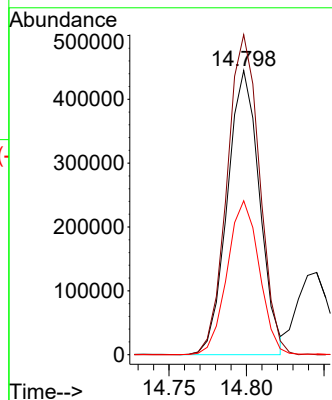
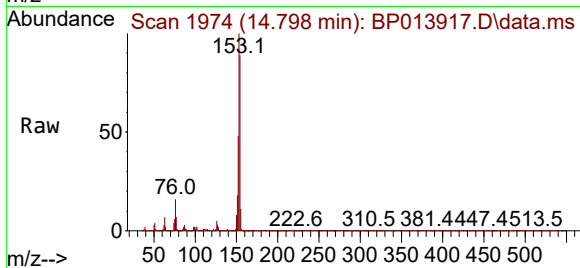
Tgt Ion:154 Resp: 642284

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

152 54.2 42.6 64.0



#53

3-Nitroaniline

Concen: 26.244 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

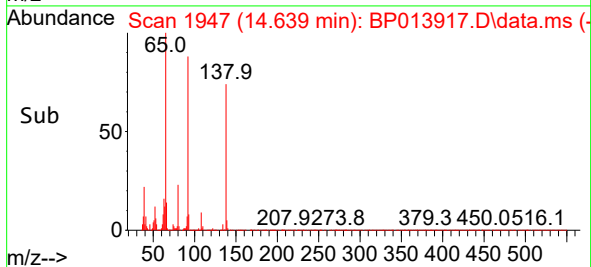
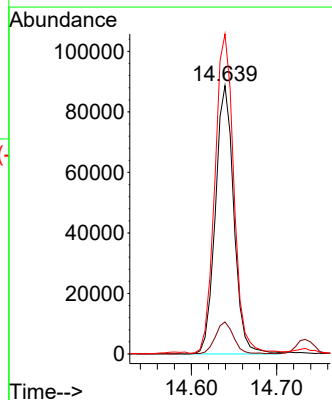
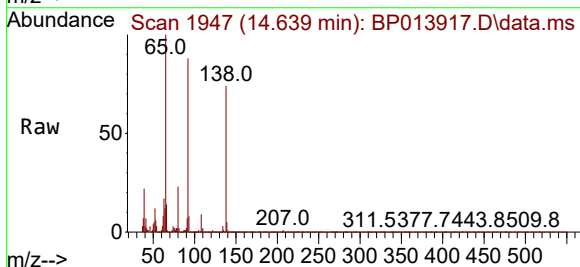
Tgt Ion:138 Resp: 133643

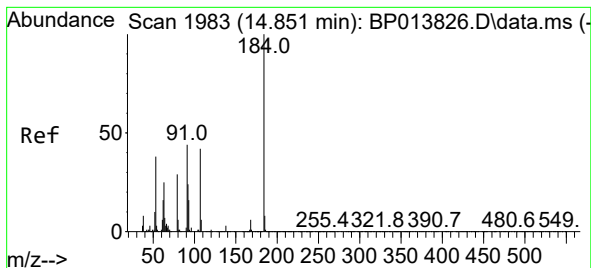
Ion Ratio Lower Upper

138 100

108 11.9 9.0 13.4

92 119.2 97.1 145.7

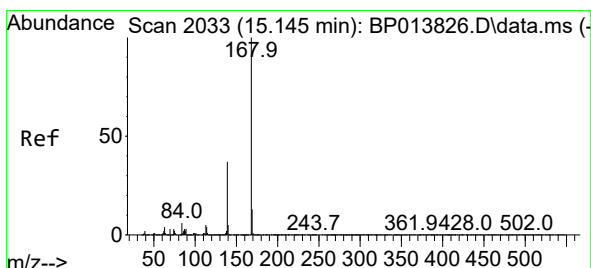
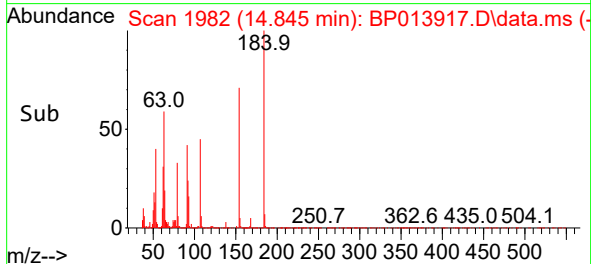
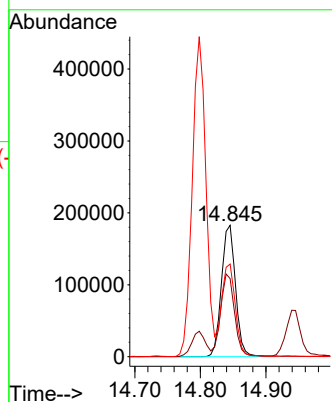
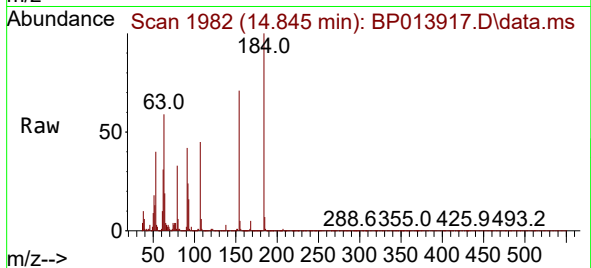




#54
2,4-Dinitrophenol
Concen: 81.263 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

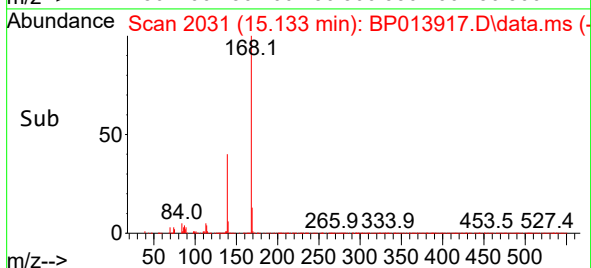
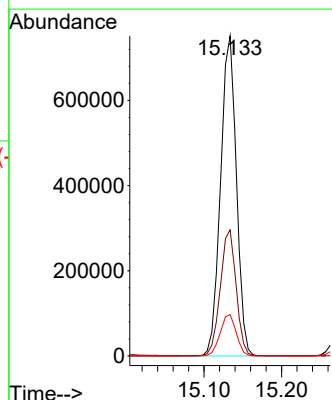
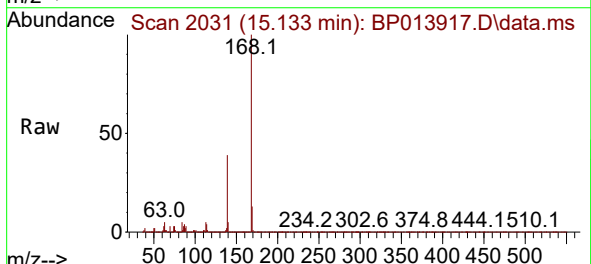
Instrument :
BNA_P
ClientSampleId :
PB151118BS

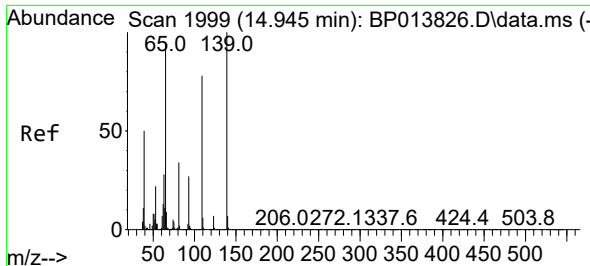
Tgt Ion:184 Resp: 271579
Ion Ratio Lower Upper
184 100
63 59.5 47.0 70.4
154 70.5 51.5 77.3



#55
Dibenzofuran
Concen: 37.997 ng
RT: 15.133 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:168 Resp: 1065807
Ion Ratio Lower Upper
168 100
139 39.4 29.8 44.8
169 13.0 10.8 16.2

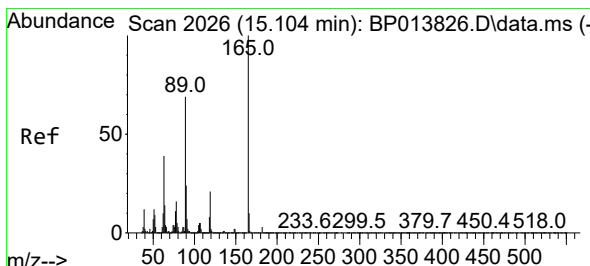
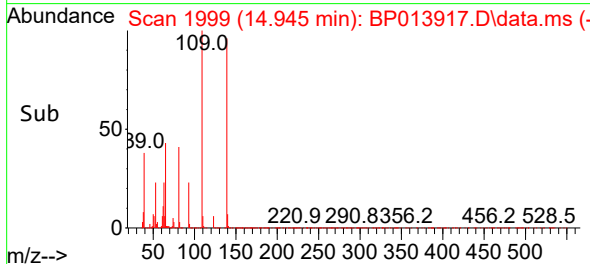
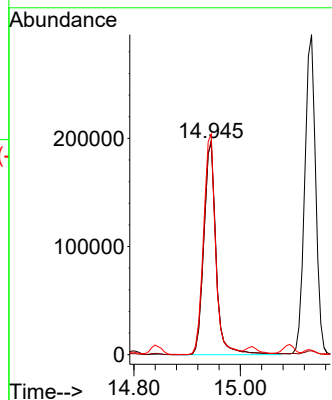
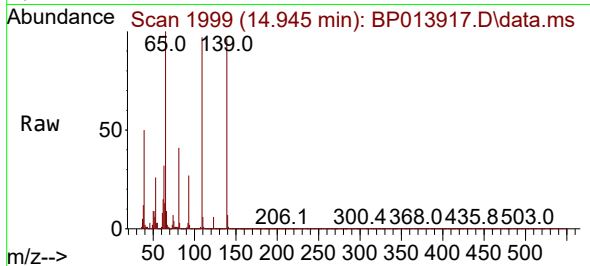




#56
4-Nitrophenol
Concen: 75.586 ng
RT: 14.945 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

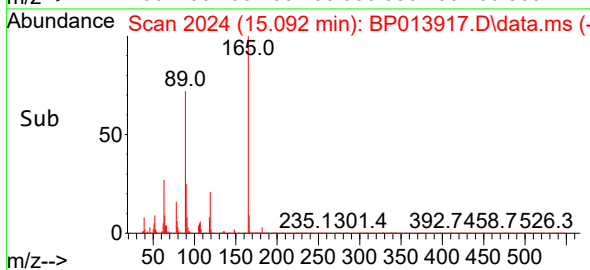
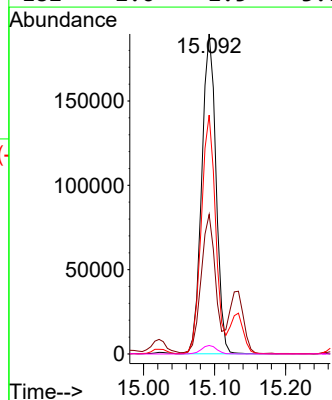
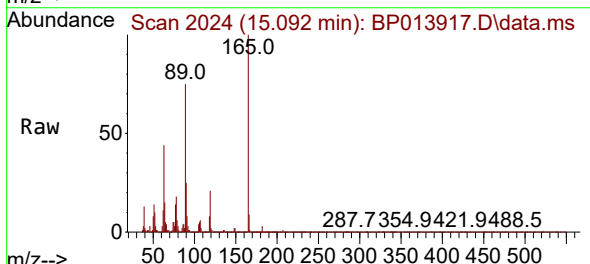
Instrument :
BNA_P
ClientSampleId :
PB151118BS

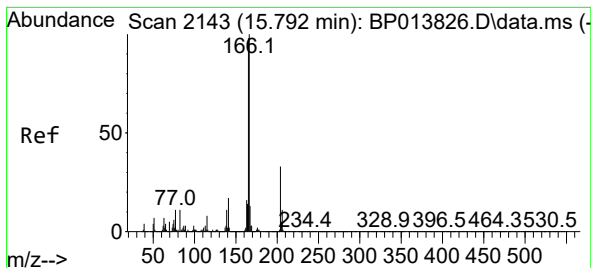
Tgt Ion:139 Resp: 313786
Ion Ratio Lower Upper
139 100
109 101.0 58.2 98.2#
65 104.0 74.9 114.9



#57
2,4-Dinitrotoluene
Concen: 39.334 ng
RT: 15.092 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:165 Resp: 265816
Ion Ratio Lower Upper
165 100
63 43.6 31.1 46.7
89 74.7 54.9 82.3
182 2.6 2.5 3.7





#58

Fluorene

Concen: 38.333 ng

RT: 15.781 min Scan# 2143

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

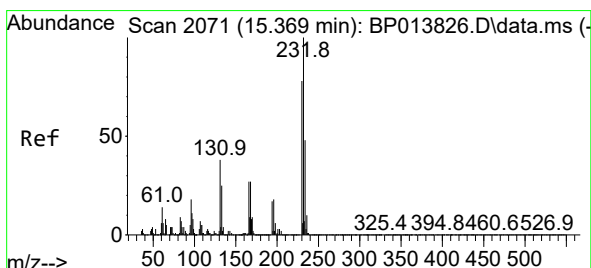
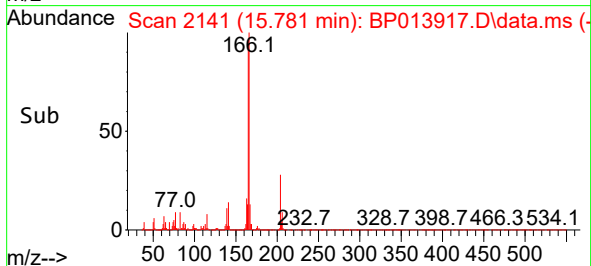
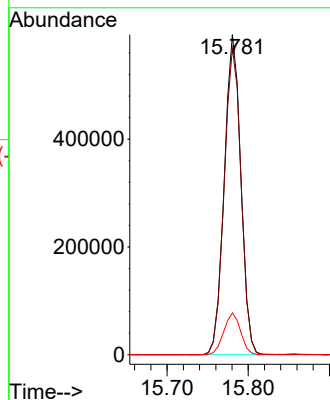
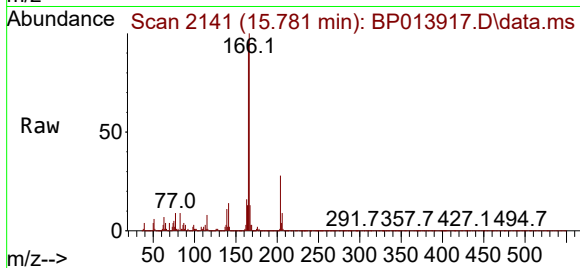
Tgt Ion:166 Resp: 843087

Ion Ratio Lower Upper

166 100

165 95.8 78.1 117.1

167 13.1 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 40.287 ng

RT: 15.357 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Tgt Ion:232 Resp: 265416

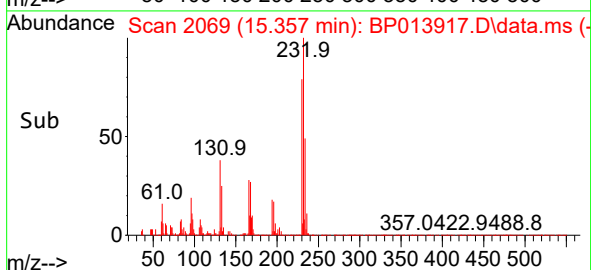
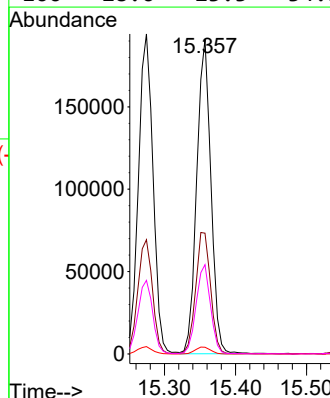
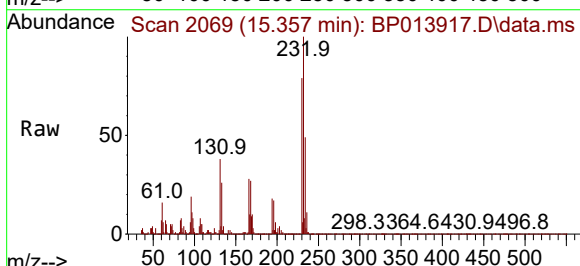
Ion Ratio Lower Upper

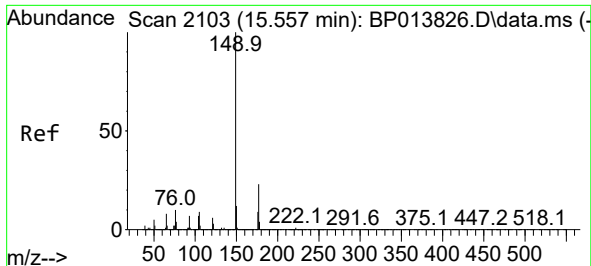
232 100

131 40.6 31.7 47.5

130 2.4 1.7 2.5

166 28.6 23.3 34.9

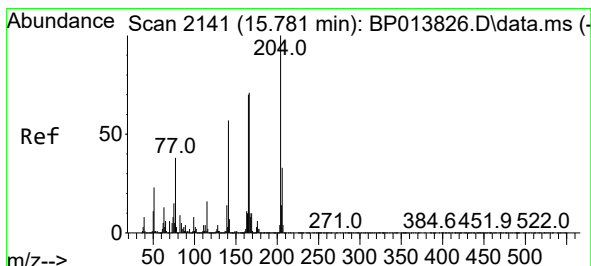
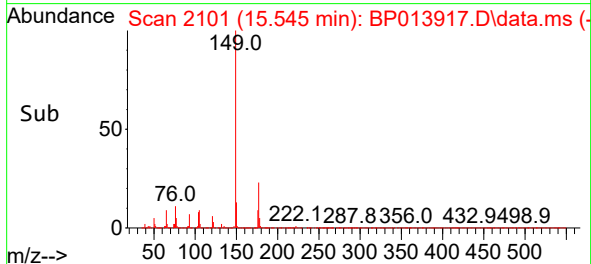
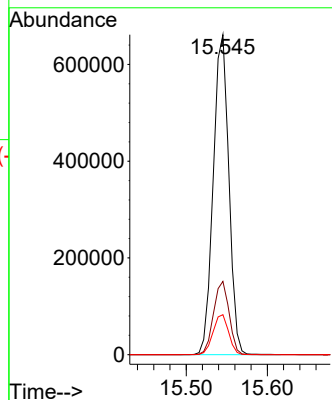
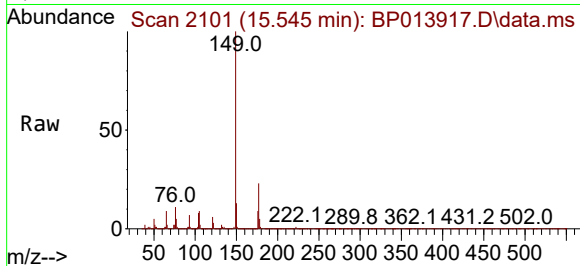




#60
Diethylphthalate
Concen: 38.918 ng
RT: 15.545 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

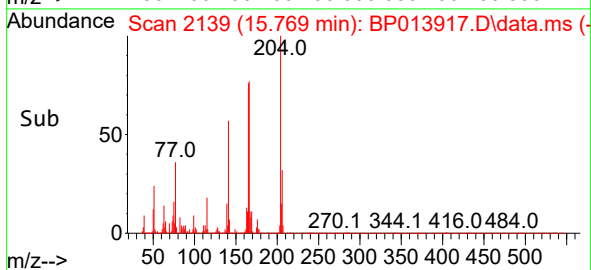
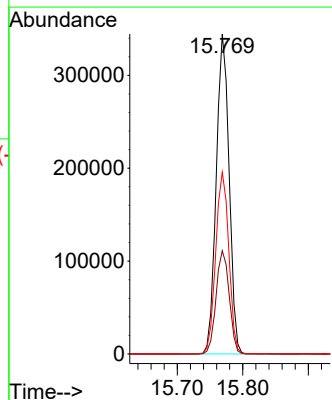
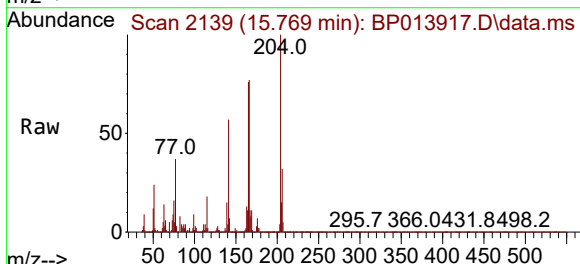
Instrument :
BNA_P
ClientSampleId :
PB151118BS

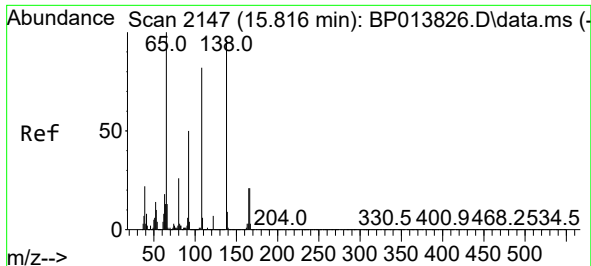
Tgt Ion:149 Resp: 881363
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.5 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 39.231 ng
RT: 15.769 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:204 Resp: 467505
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 56.8 45.3 67.9

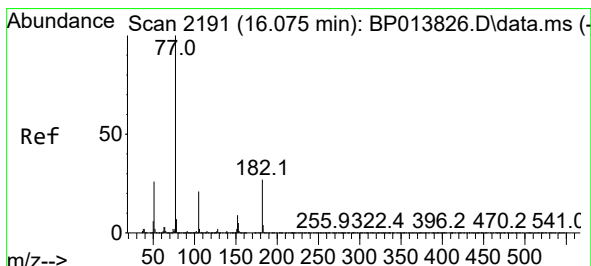
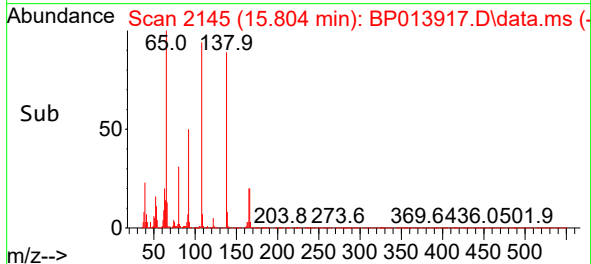
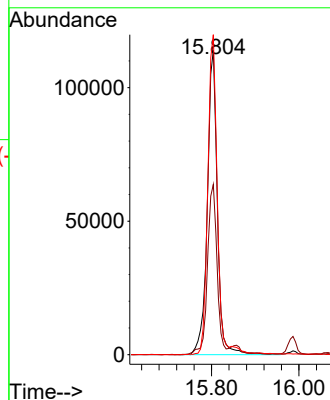
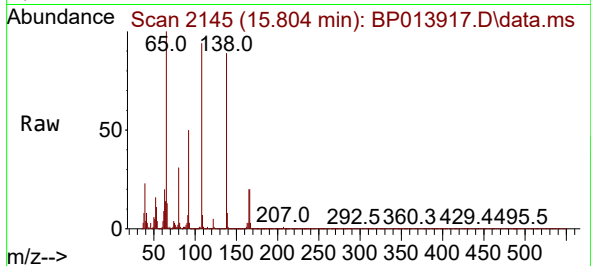




#62
4-Nitroaniline
Concen: 34.479 ng
RT: 15.804 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

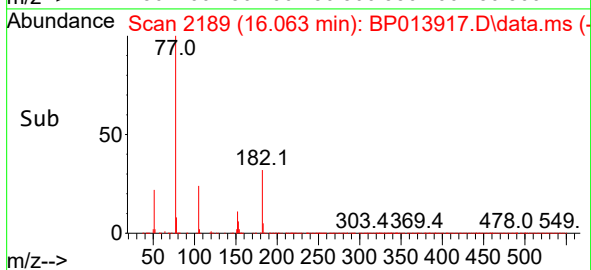
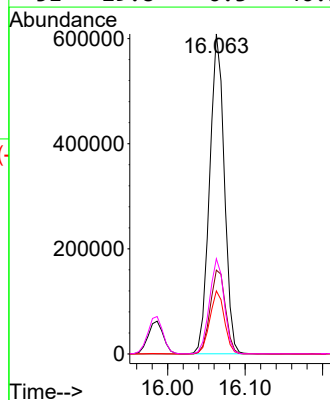
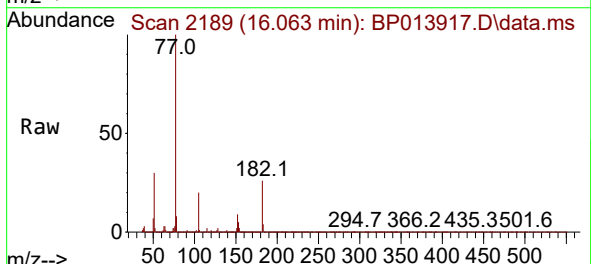
Instrument :
BNA_P
ClientSampleId :
PB151118BS

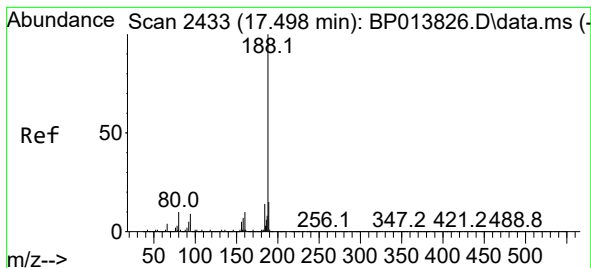
Tgt Ion:138 Resp: 183289
Ion Ratio Lower Upper
138 100
92 55.9 32.0 72.0
108 105.2 65.6 105.6



#63
Azobenzene
Concen: 39.049 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion: 77 Resp: 800091
Ion Ratio Lower Upper
77 100
182 26.2 6.9 46.9
105 19.7 1.1 41.1
51 29.8 6.3 46.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

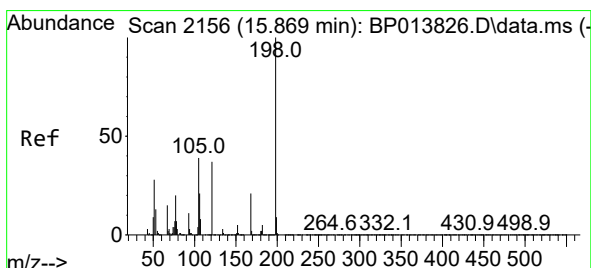
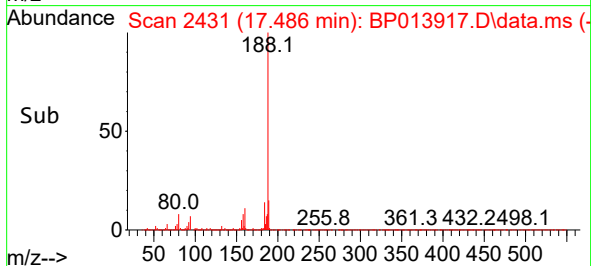
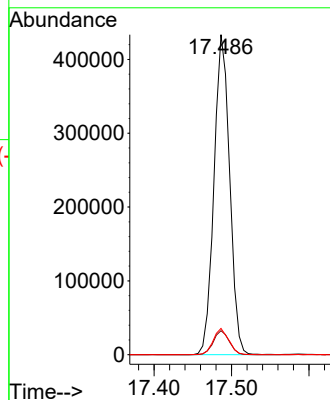
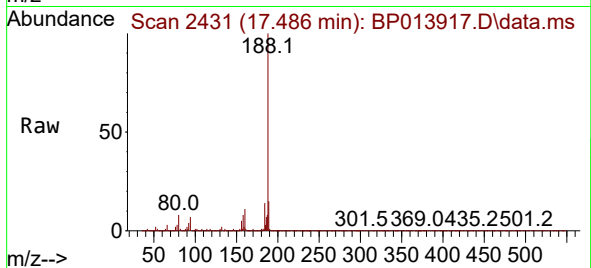
Tgt Ion:188 Resp: 608906

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.2 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 40.362 ng

RT: 15.857 min Scan# 2154

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

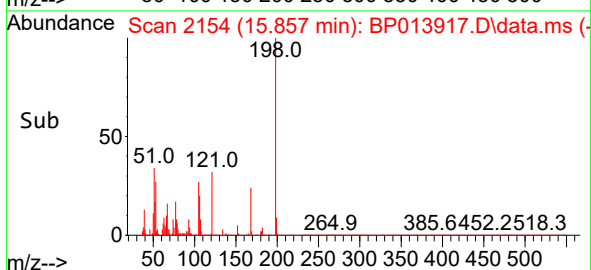
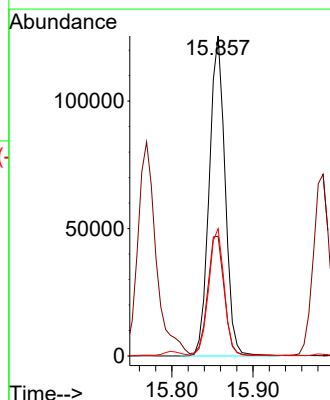
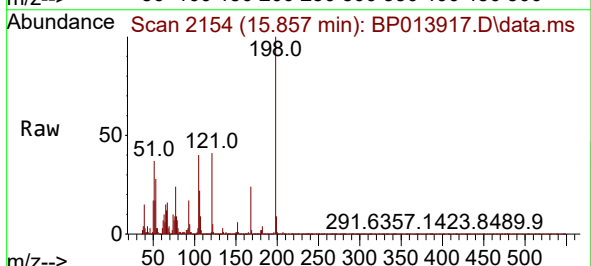
Tgt Ion:198 Resp: 169832

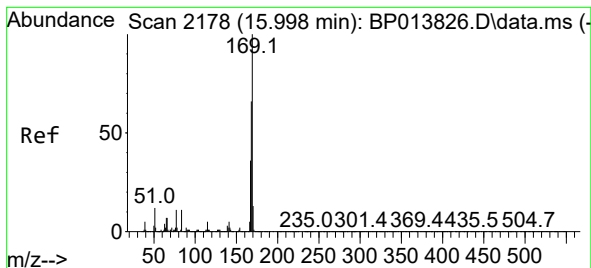
Ion Ratio Lower Upper

198 100

51 37.4 14.3 54.3

105 39.8 20.5 60.5





#66

n-Nitrosodiphenylamine

Concen: 39.841 ng

RT: 15.986 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

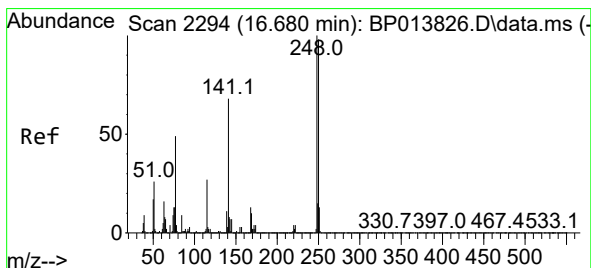
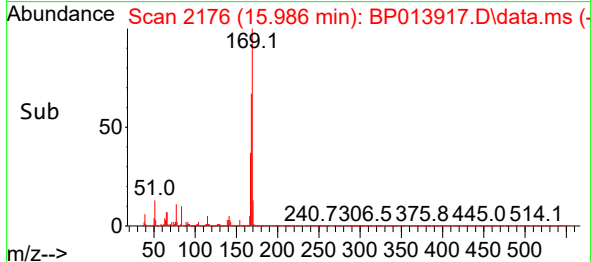
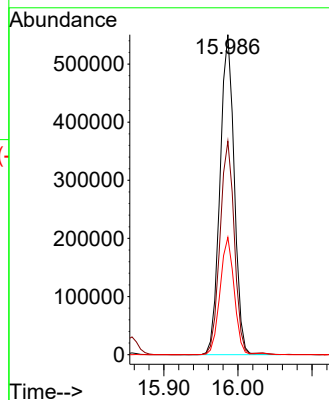
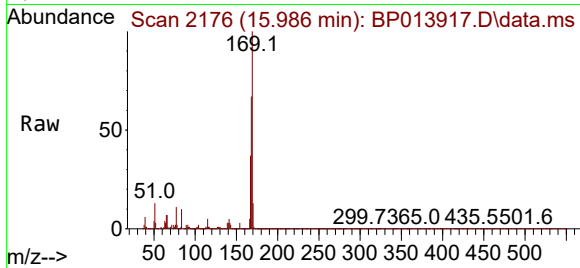
Tgt Ion:169 Resp: 734815

Ion Ratio Lower Upper

169 100

168 66.7 53.0 79.6

167 36.6 29.0 43.4



#67

4-Bromophenyl-phenylether

Concen: 42.744 ng

RT: 16.669 min Scan# 2292

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

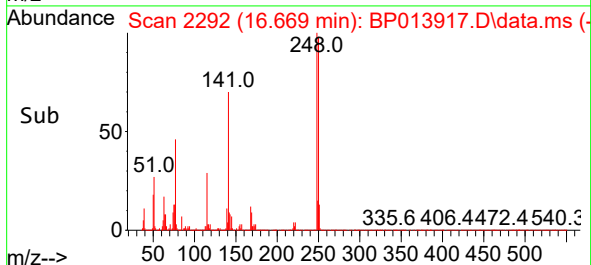
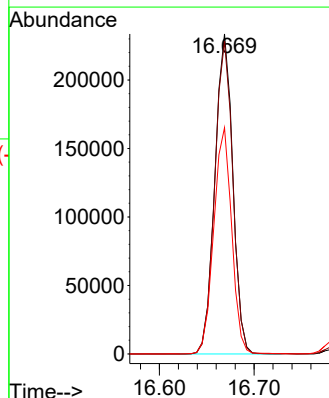
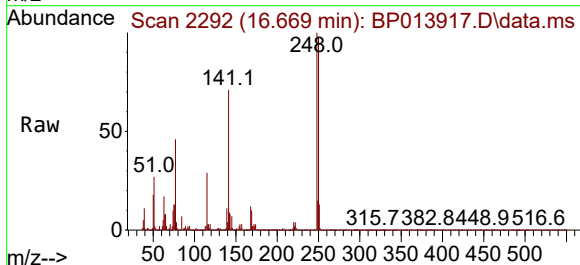
Tgt Ion:248 Resp: 307200

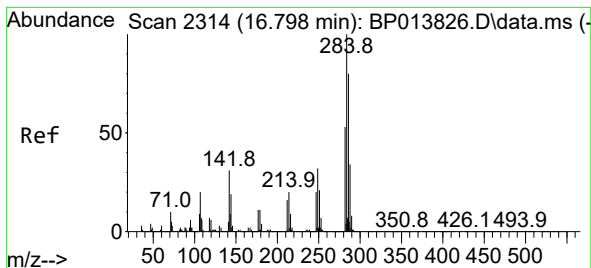
Ion Ratio Lower Upper

248 100

250 97.8 78.1 117.1

141 70.7 54.3 81.5





#68

Hexachlorobenzene

Concen: 45.446 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

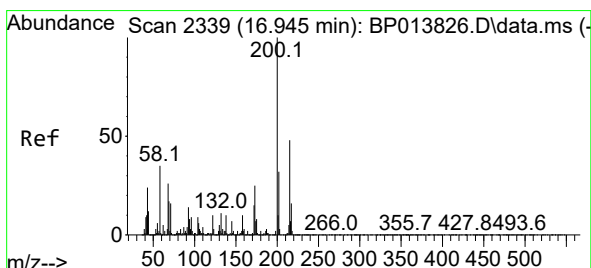
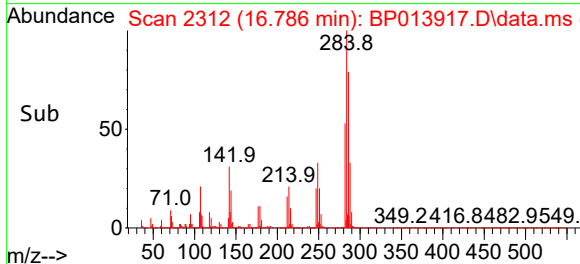
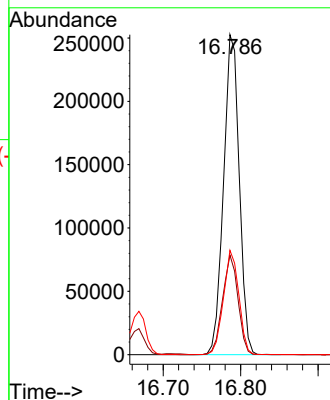
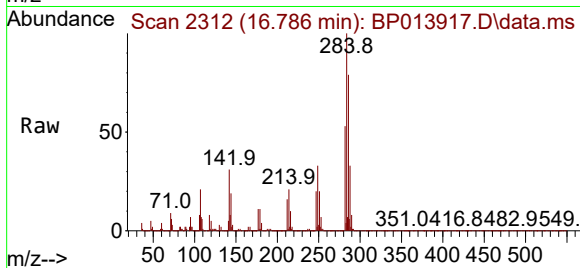
Tgt Ion:284 Resp: 356533

Ion Ratio Lower Upper

284 100

142 31.1 24.8 37.2

249 32.6 25.8 38.6



#69

Atrazine

Concen: 3.812 ng

RT: 16.933 min Scan# 2337

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

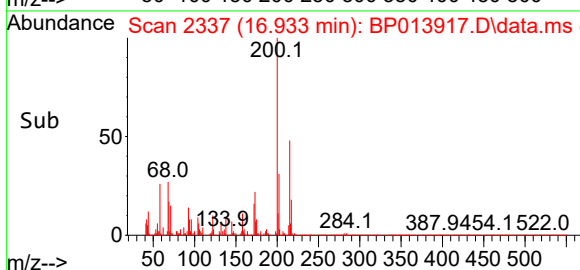
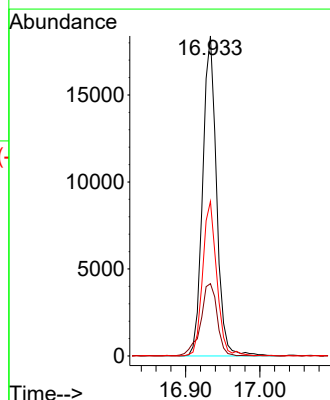
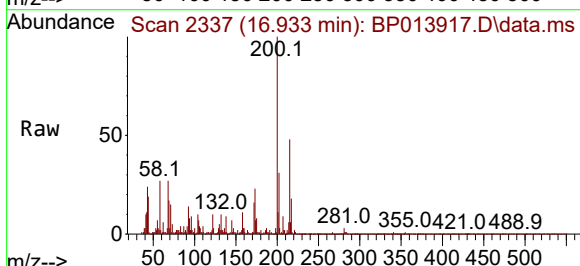
Tgt Ion:200 Resp: 23971

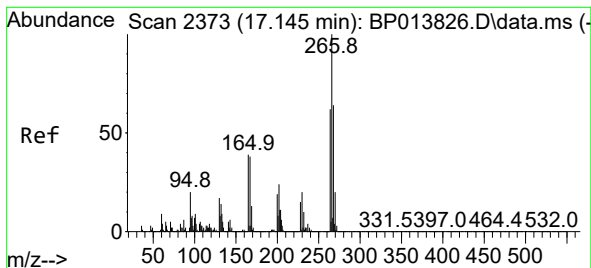
Ion Ratio Lower Upper

200 100

173 22.6 5.2 45.2

215 48.3 28.4 68.4





#70

Pentachlorophenol

Concen: 78.831 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

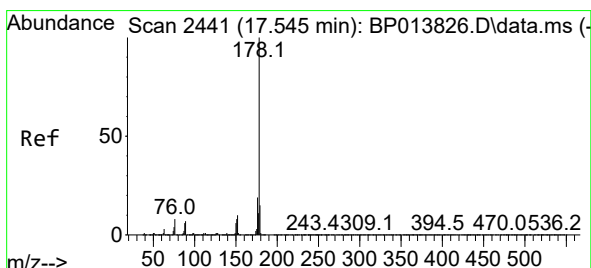
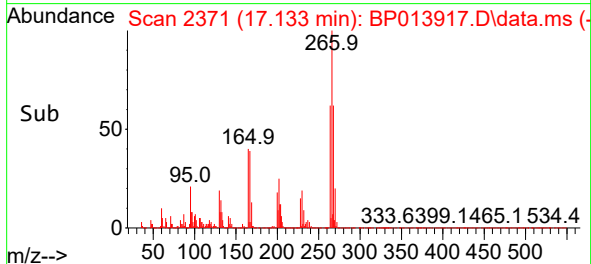
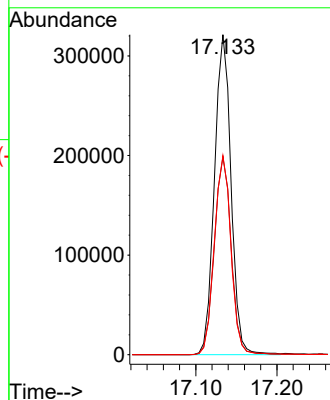
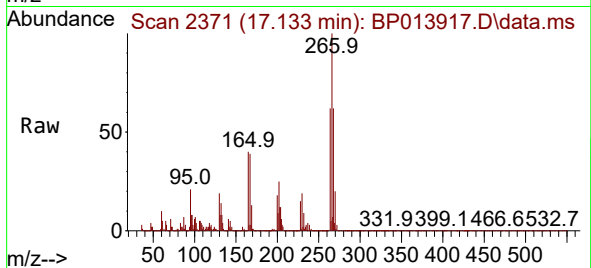
Tgt Ion:266 Resp: 455962

Ion Ratio Lower Upper

266 100

268 61.7 50.9 76.3

264 62.2 49.4 74.0



#71

Phenanthrene

Concen: 39.369 ng

RT: 17.533 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

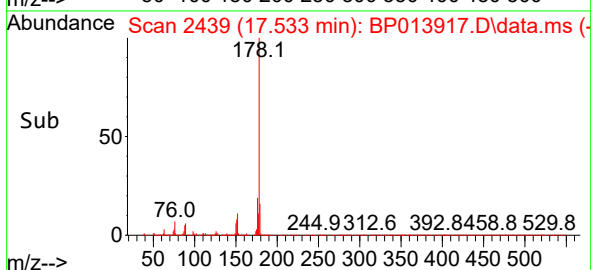
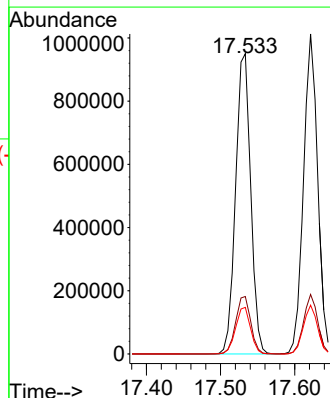
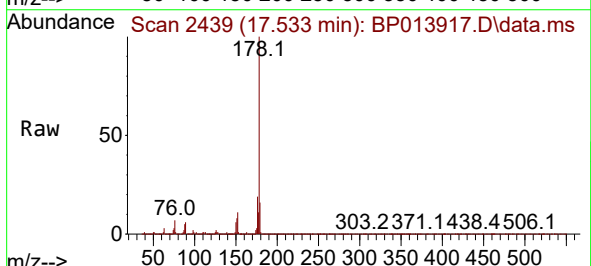
Tgt Ion:178 Resp: 1342959

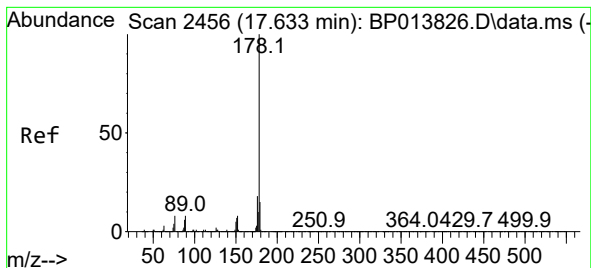
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.5 12.2 18.4





#72

Anthracene

Concen: 39.583 ng

RT: 17.622 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

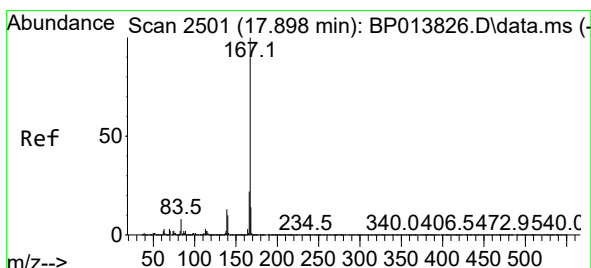
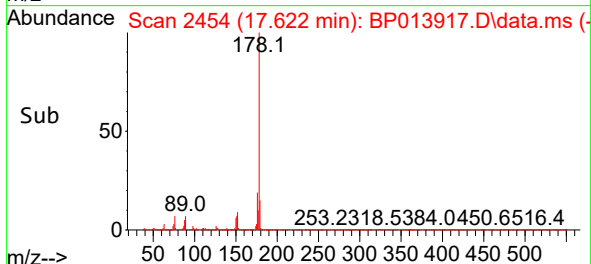
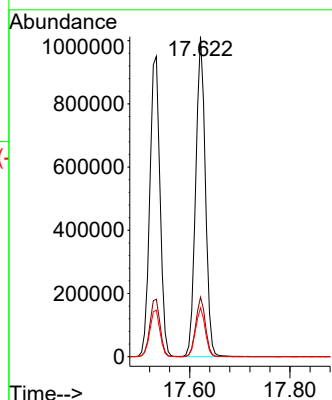
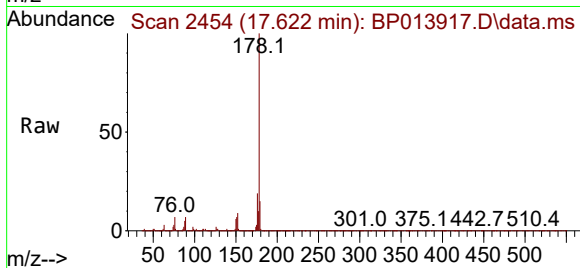
Tgt Ion:178 Resp: 1350136

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.2 12.4 18.6



#73

Carbazole

Concen: 38.951 ng

RT: 17.886 min Scan# 2499

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

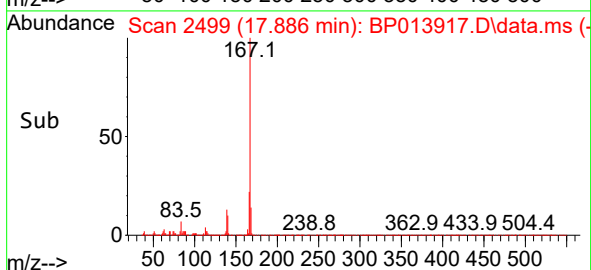
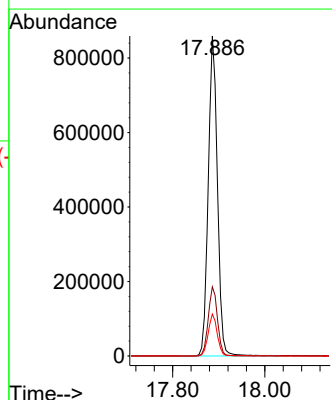
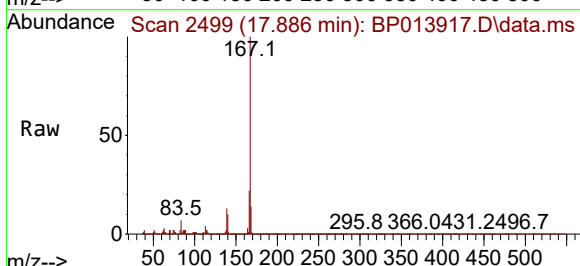
Tgt Ion:167 Resp: 1196069

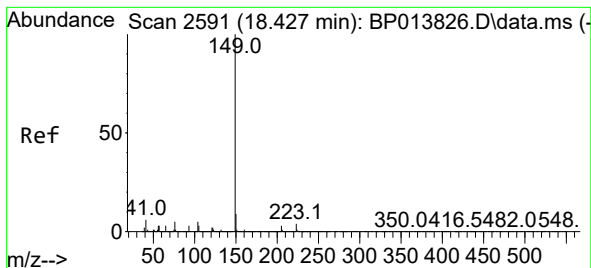
Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 13.1 10.2 15.2





#74

Di-n-butylphthalate

Concen: 41.238 ng

RT: 18.416 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

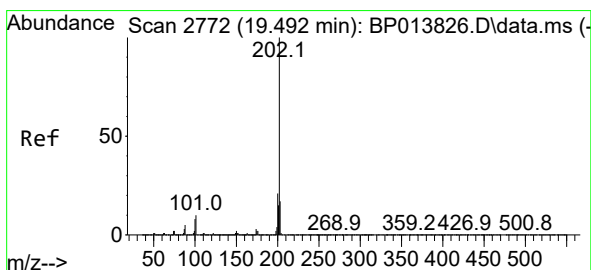
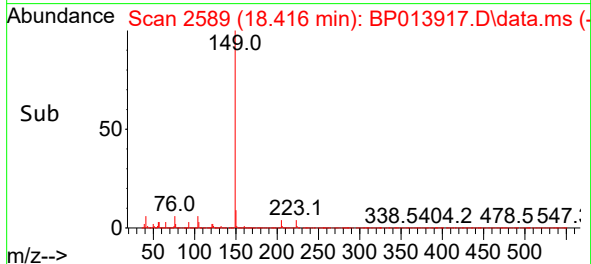
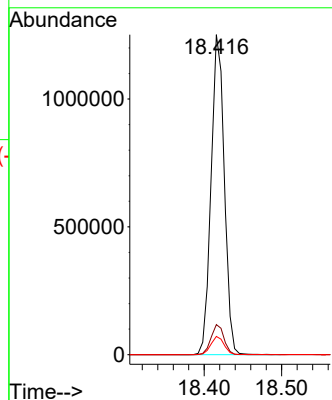
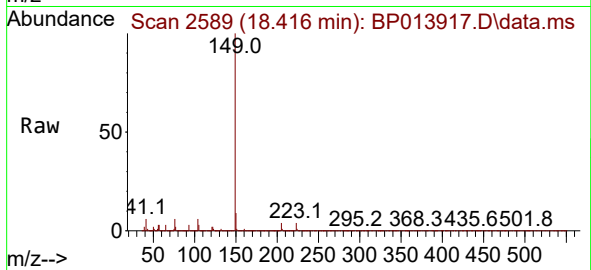
Tgt Ion:149 Resp: 1483622

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.7 4.1 6.1



#75

Fluoranthene

Concen: 37.776 ng

RT: 19.480 min Scan# 2770

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

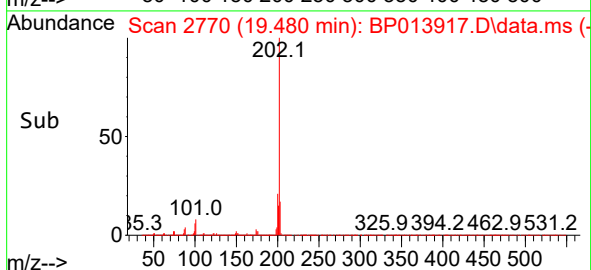
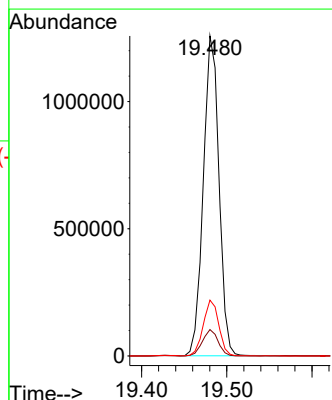
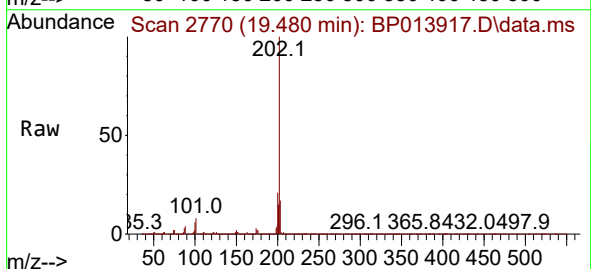
Tgt Ion:202 Resp: 1606424

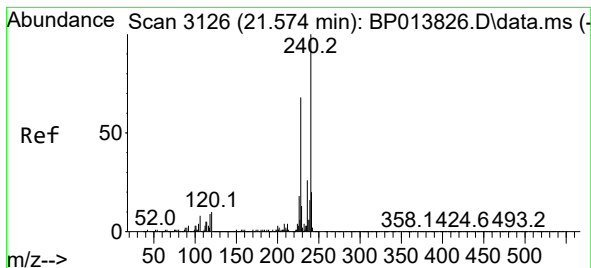
Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.0

203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

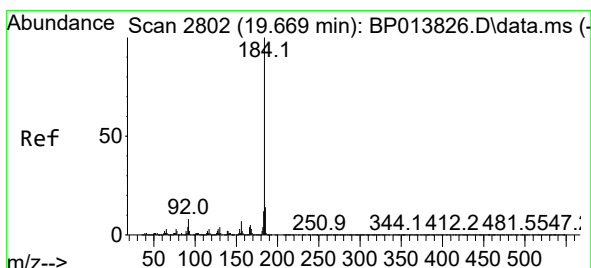
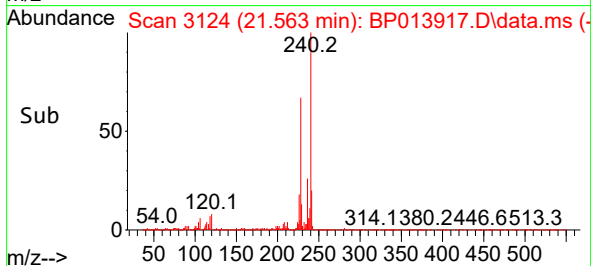
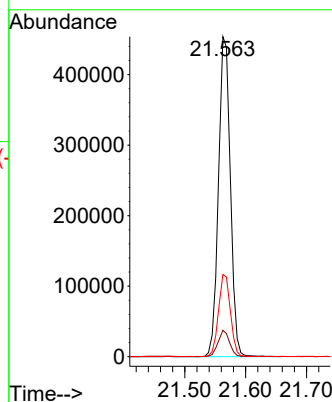
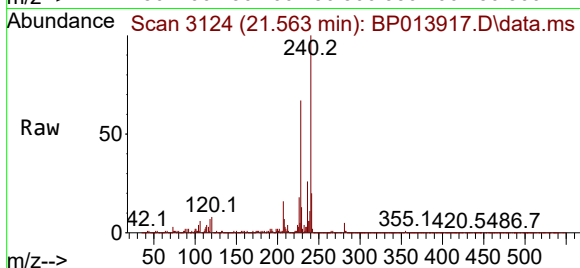
Tgt Ion:240 Resp: 612511

Ion Ratio Lower Upper

240 100

120 8.3 7.9 11.9

236 25.7 20.9 31.3



#77

Benzidine

Concen: 30.824 ng

RT: 19.657 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

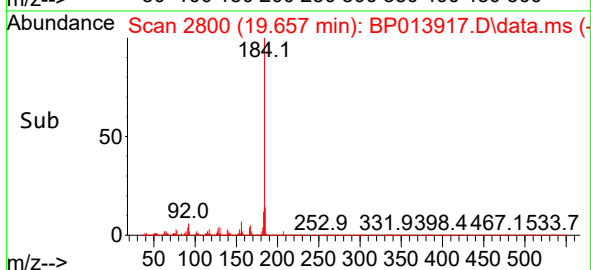
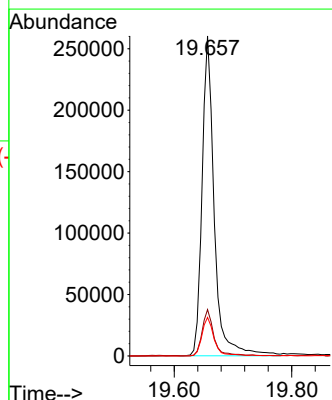
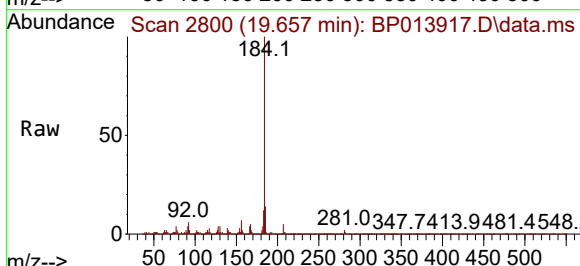
Tgt Ion:184 Resp: 375105

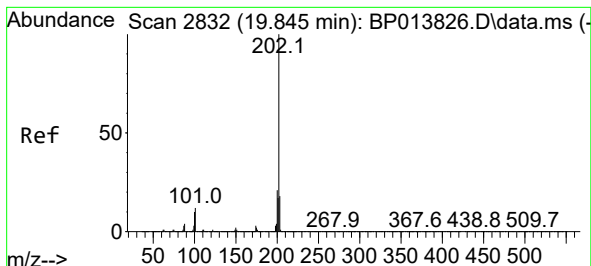
Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

183 12.1 9.6 14.4





#78

Pyrene

Concen: 40.003 ng

RT: 19.833 min Scan# 2830

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

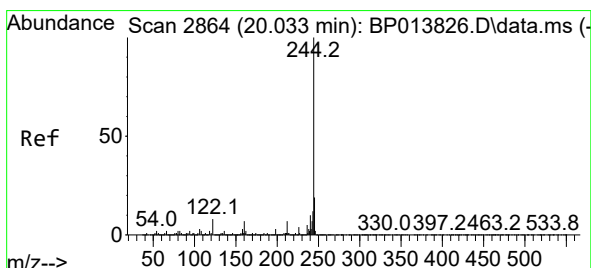
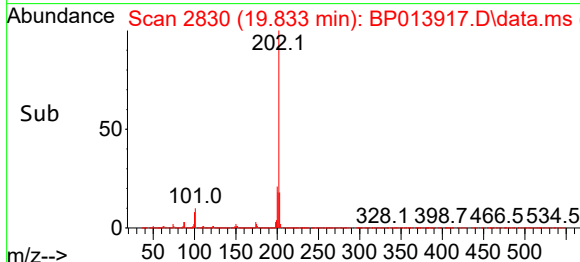
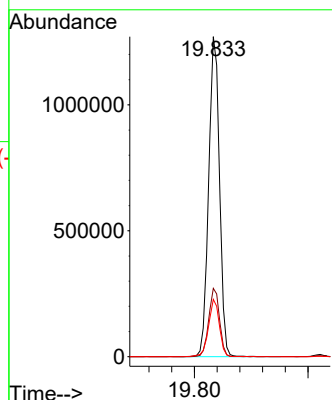
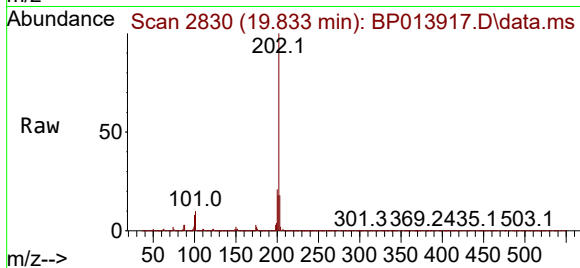
Tgt Ion:202 Resp: 1674413

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.9 14.2 21.2



#79

Terphenyl-d14

Concen: 89.171 ng

RT: 20.021 min Scan# 2862

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

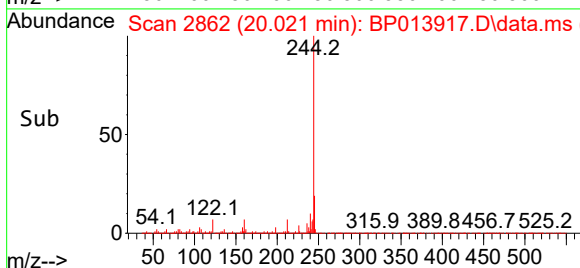
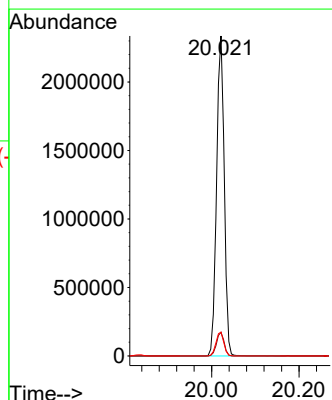
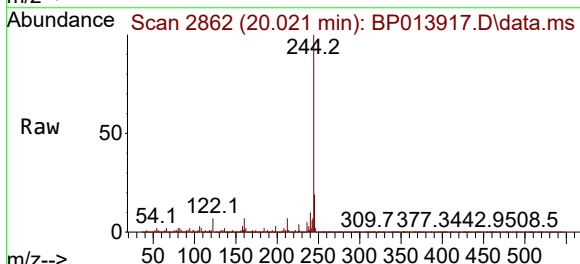
Tgt Ion:244 Resp: 2838805

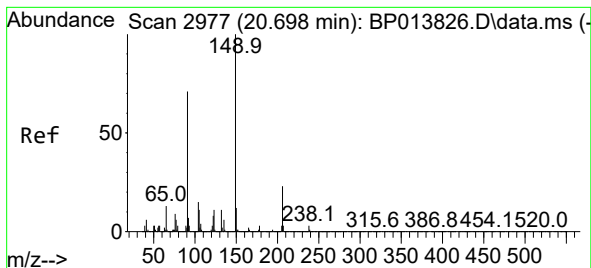
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 7.4 6.7 10.1

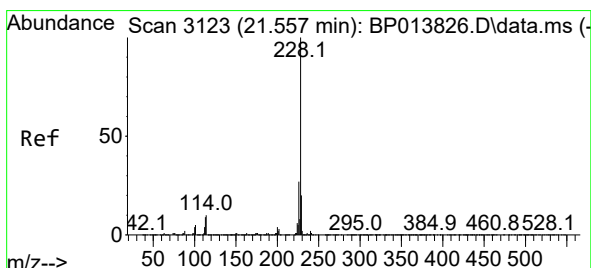
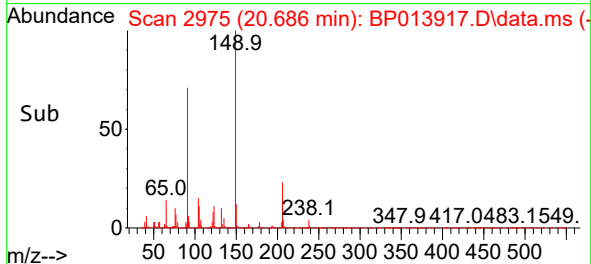
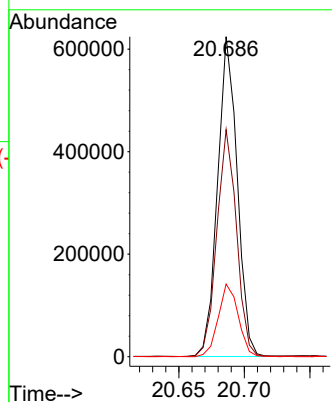
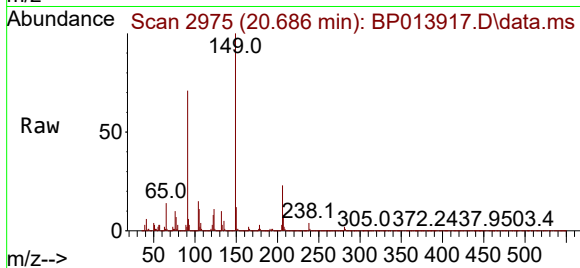




#80
Butylbenzylphthalate
Concen: 43.611 ng
RT: 20.686 min Scan# 2975
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

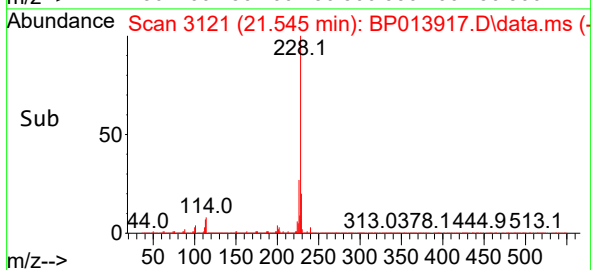
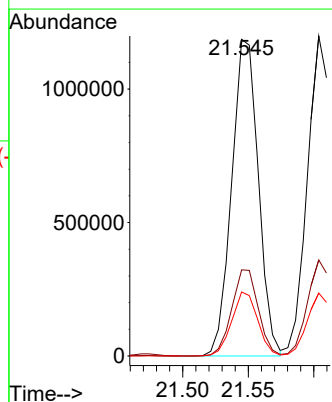
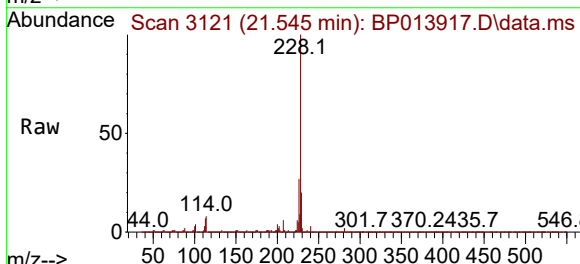
Instrument :
BNA_P
ClientSampleId :
PB151118BS

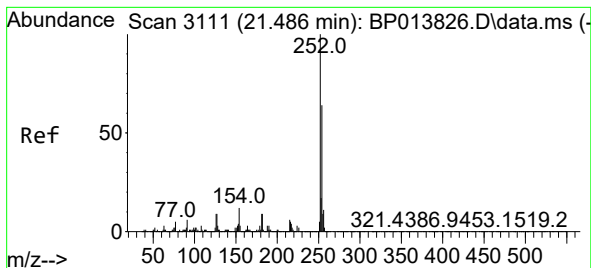
Tgt Ion:149 Resp: 648791
Ion Ratio Lower Upper
149 100
91 71.0 56.8 85.2
206 22.7 18.1 27.1



#81
Benzo(a)anthracene
Concen: 38.287 ng
RT: 21.545 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:228 Resp: 1679330
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.2 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 41.656 ng

RT: 21.474 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

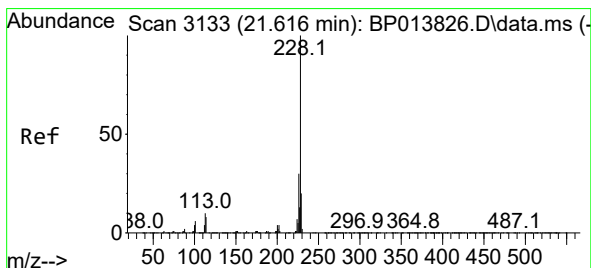
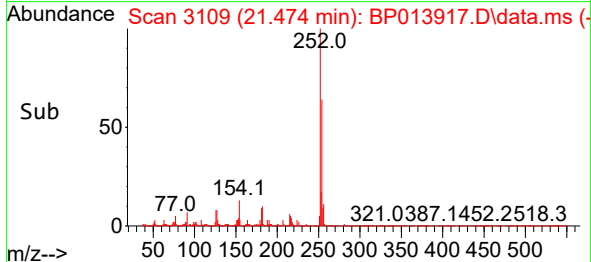
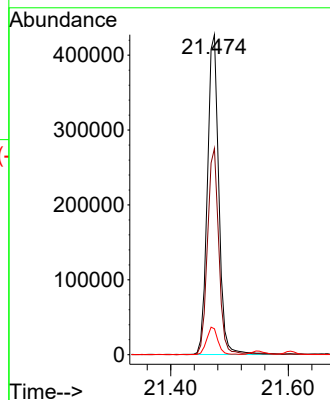
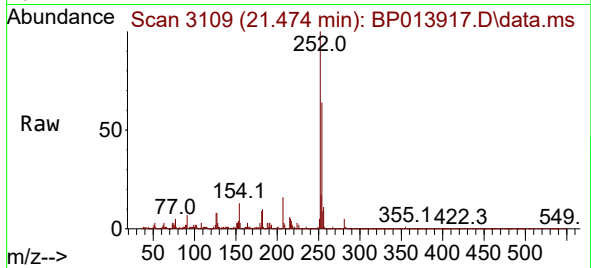
Tgt Ion:252 Resp: 574825

Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 8.1 7.4 11.0



#83

Chrysene

Concen: 37.502 ng

RT: 21.604 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

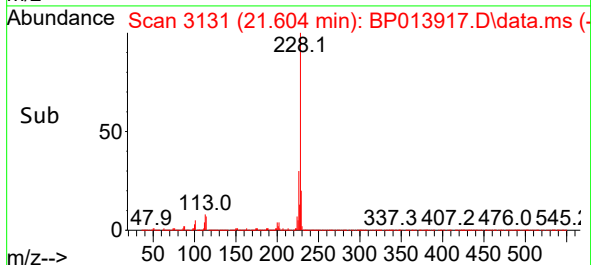
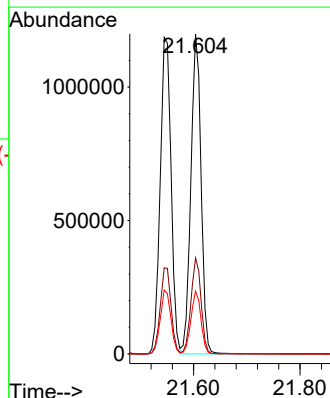
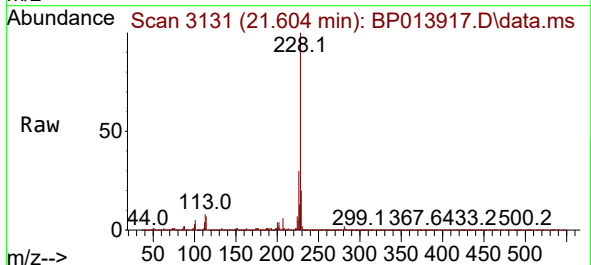
Tgt Ion:228 Resp: 1593475

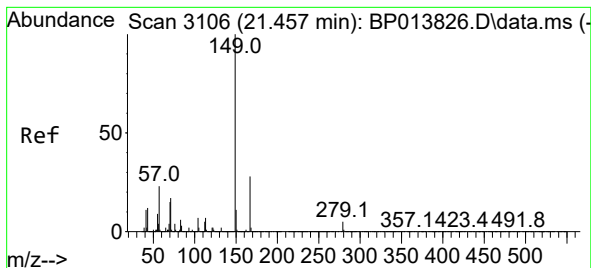
Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.6 15.8 23.6

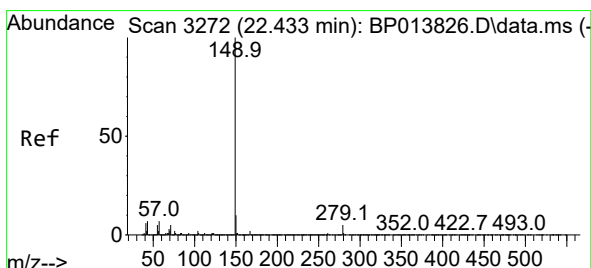
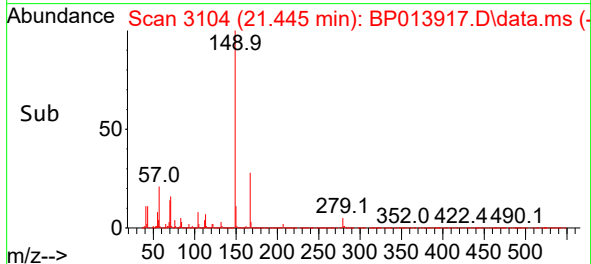
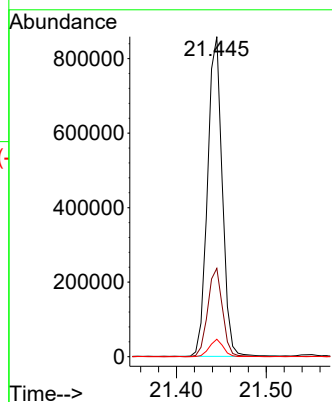
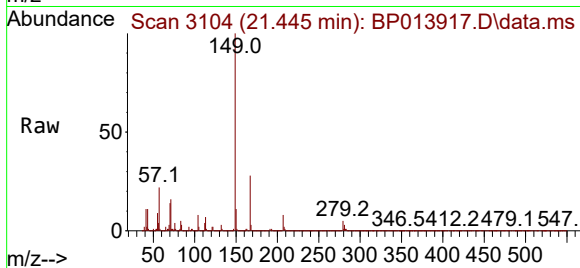




#84
Bis(2-ethylhexyl)phthalate
Concen: 42.055 ng
RT: 21.445 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

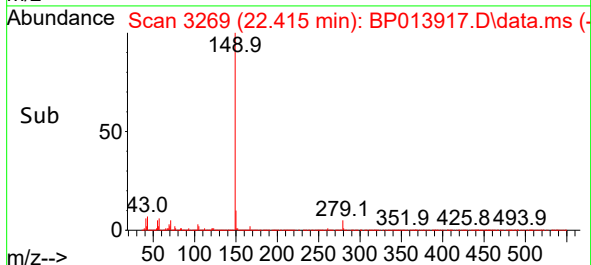
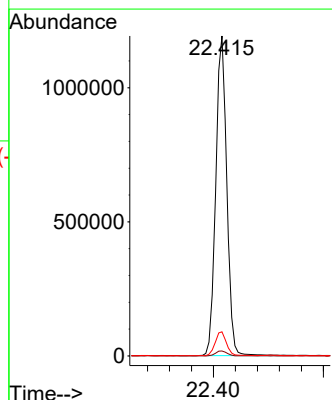
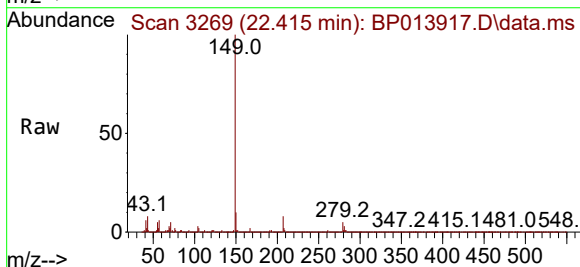
Instrument :
BNA_P
ClientSampleId :
PB151118BS

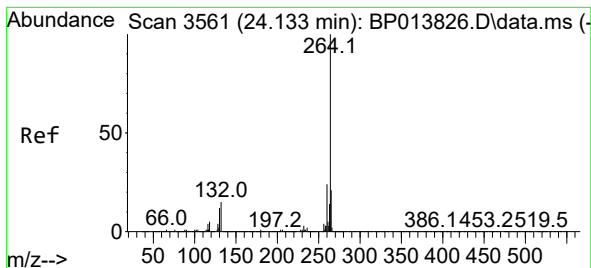
Tgt Ion:149 Resp: 975429
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.5 3.9 5.9



#85
Di-n-octyl phthalate
Concen: 40.171 ng
RT: 22.415 min Scan# 3269
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:149 Resp: 1660234
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.1 9.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.109 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

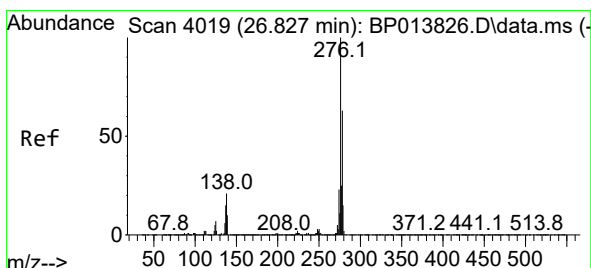
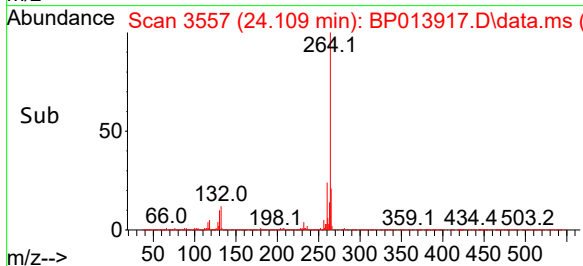
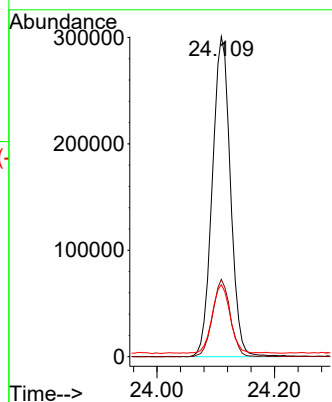
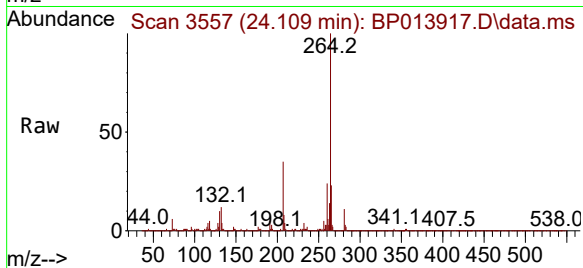
Tgt Ion:264 Resp: 642801

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.5 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.938 ng

RT: 26.798 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

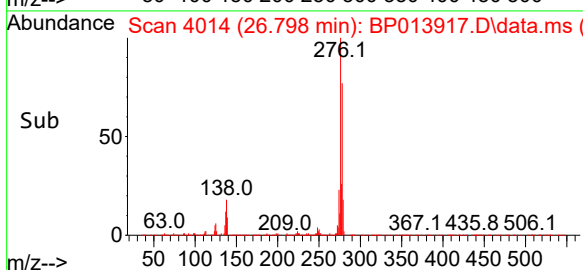
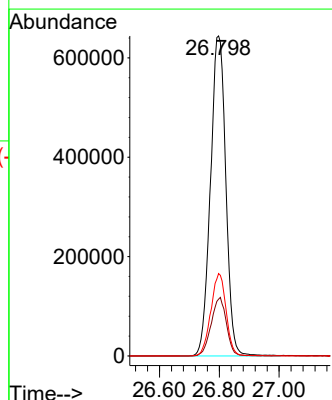
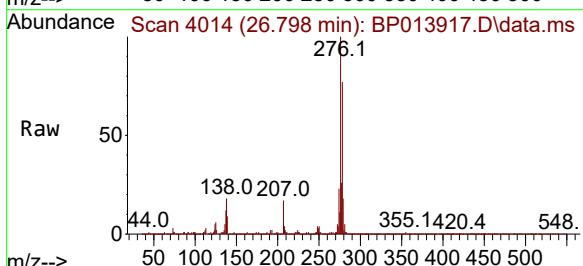
Tgt Ion:276 Resp: 2297098

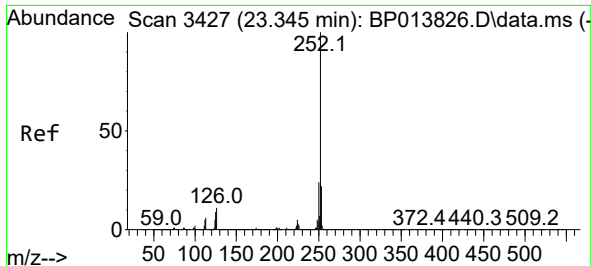
Ion Ratio Lower Upper

276 100

138 18.1 17.8 26.8

277 25.5 20.2 30.2

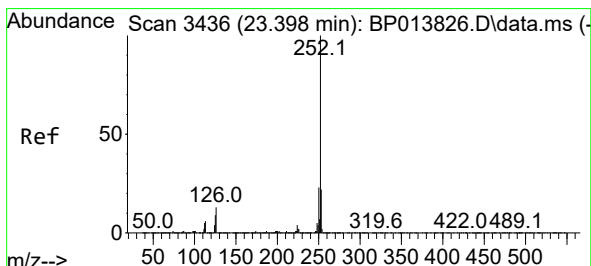
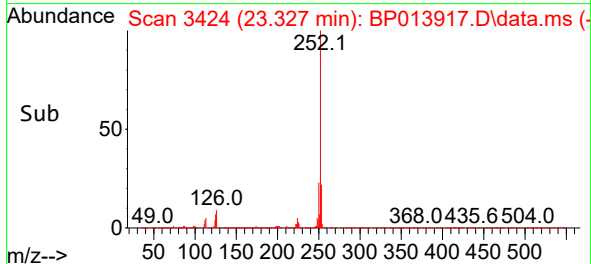
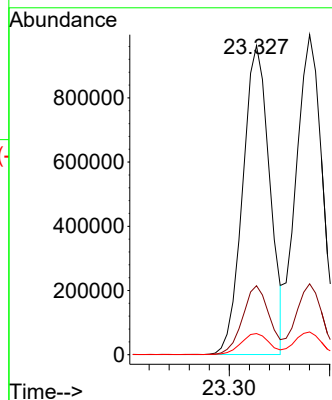
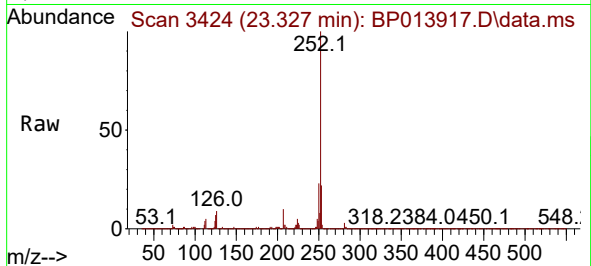




#88
Benzo(b)fluoranthene
Concen: 44.289 ng
RT: 23.327 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

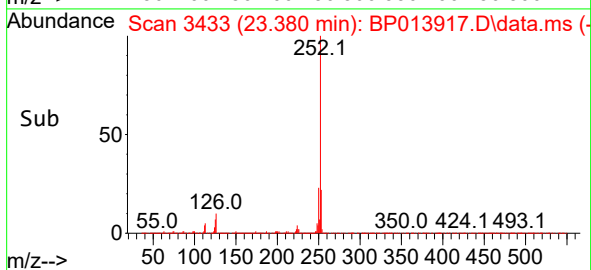
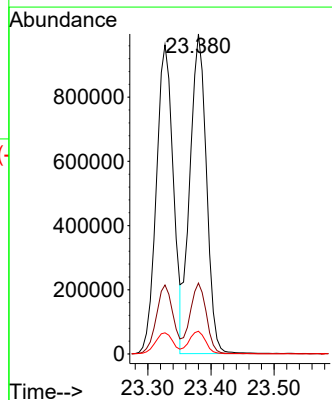
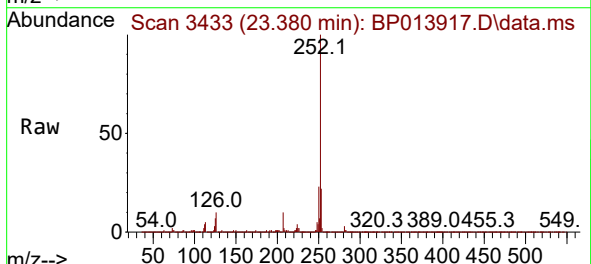
Instrument :
BNA_P
ClientSampleId :
PB151118BS

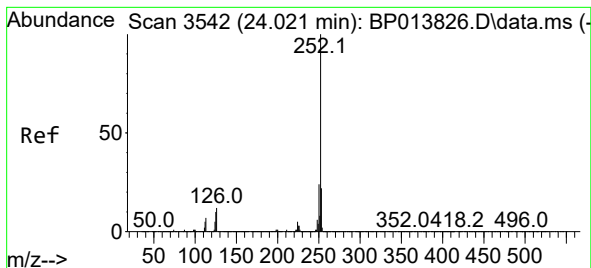
Tgt Ion:252 Resp: 1800507
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 6.8 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 43.930 ng
RT: 23.380 min Scan# 3433
Delta R.T. -0.000 min
Lab File: BP013917.D
Acq: 01 Mar 2023 13:13

Tgt Ion:252 Resp: 1812863
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.1 7.0 10.4





#90

Benzo(a)pyrene

Concen: 40.861 ng

RT: 23.998 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS

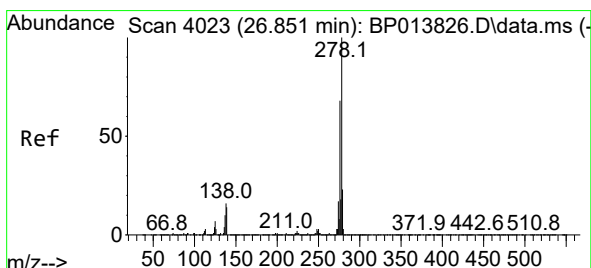
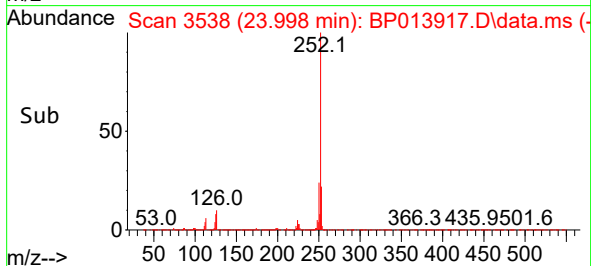
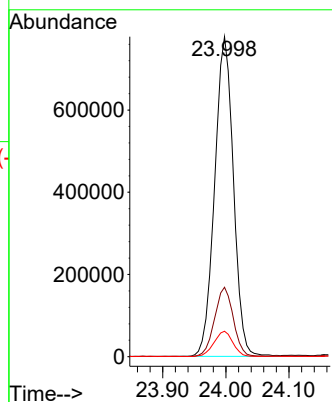
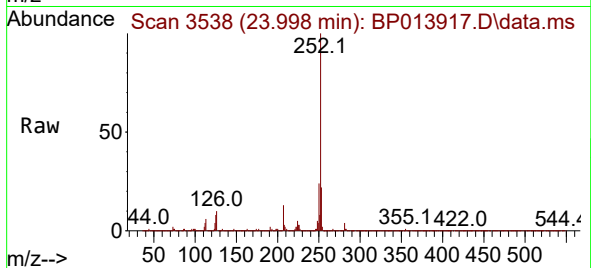
Tgt Ion:252 Resp: 1605956

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.9 7.7 11.5



#91

Dibenzo(a,h)anthracene

Concen: 47.231 ng

RT: 26.815 min Scan# 4017

Delta R.T. -0.000 min

Lab File: BP013917.D

Acq: 01 Mar 2023 13:13

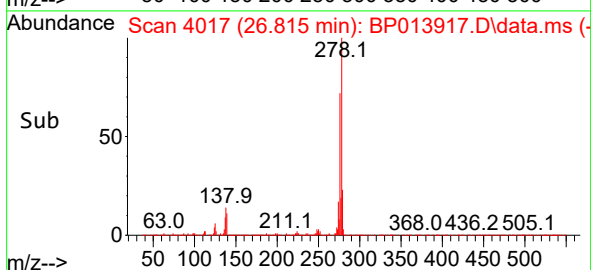
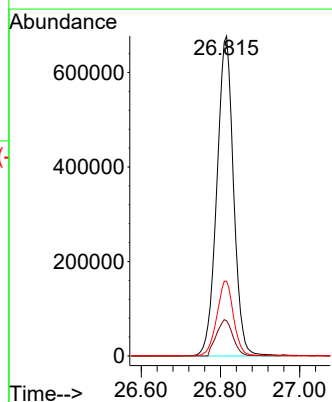
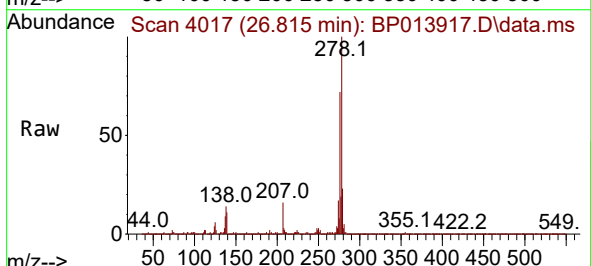
Tgt Ion:278 Resp: 1978759

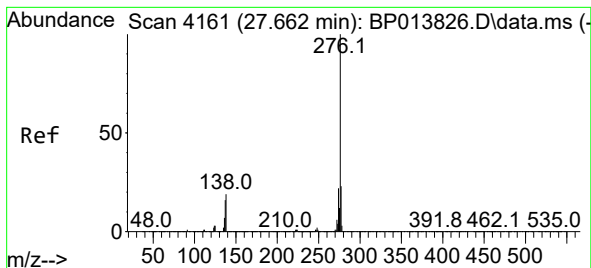
Ion Ratio Lower Upper

278 100

139 11.0 11.0 16.6#

279 23.3 18.6 27.8





#92

Benzo(g,h,i)perylene

Concen: 47.391 ng

RT: 27.627 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP013917.D

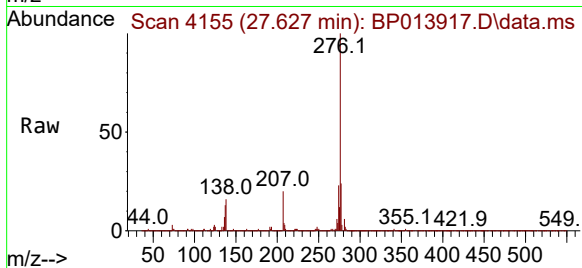
Acq: 01 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

PB151118BS



Tgt Ion:276 Resp: 1963291

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 16.3 15.5 23.3

