

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019760.D
 Acq On : 19 Feb 2024 13:24
 Operator : MA/JU
 Sample : PB159072BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159072BS

Quant Time: Feb 19 13:55:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	71614	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	273784	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	184671	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	436113	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	427285	20.000	ng	0.00
86) Perylene-d12	23.810	264	481707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	604226	136.002	ng	-0.01
7) Phenol-d6	7.075	99	785634	131.147	ng	-0.01
23) Nitrobenzene-d5	9.069	82	530155	83.907	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	459718	170.498	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1274357	85.308	ng	-0.02
79) Terphenyl-d14	19.857	244	2384604	91.779	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	59397	34.700	ng	98
3) Pyridine	3.781	79	156372	33.696	ng	98
4) n-Nitrosodimethylamine	3.699	42	88136	43.623	ng	96
6) Aniline	7.234	93	170399	29.274	ng	99
8) 2-Chlorophenol	7.464	128	217929	47.778	ng	98
9) Benzaldehyde	7.052	77	9398m	2.238	ng	
10) Phenol	7.099	94	274450	45.967	ng	96
11) bis(2-Chloroethyl)ether	7.334	93	202268	43.545	ng	98
12) 1,3-Dichlorobenzene	7.787	146	244498	43.807	ng	97
13) 1,4-Dichlorobenzene	7.934	146	249325	44.093	ng	98
14) 1,2-Dichlorobenzene	8.246	146	239931	43.854	ng	98
15) Benzyl Alcohol	8.152	79	222437m	46.472	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	198836m	42.806	ng	
17) 2-Methylphenol	8.352	107	185336	46.108	ng	98
18) Hexachloroethane	8.969	117	94160	42.961	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	173660	42.441	ng	99
20) 3+4-Methylphenols	8.681	107	252485	46.025	ng	97
22) Acetophenone	8.734	105	338050	43.342	ng	# 97
24) Nitrobenzene	9.116	77	262393	41.246	ng	99
25) Isophorone	9.640	82	472715	42.959	ng	100
26) 2-Nitrophenol	9.816	139	120637	49.734	ng	96
27) 2,4-Dimethylphenol	9.881	122	165467	53.348	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	269543	43.294	ng	99
29) 2,4-Dichlorophenol	10.352	162	229082	48.859	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	257100	44.722	ng	99
31) Naphthalene	10.752	128	649006	43.221	ng	99
32) Benzoic acid	10.040	122	159495	52.778	ng	97
33) 4-Chloroaniline	10.875	127	88845	15.999	ng	97
34) Hexachlorobutadiene	11.022	225	189473	44.476	ng	98
35) Caprolactam	11.681	113	68994	51.980	ng	96
36) 4-Chloro-3-methylphenol	11.999	107	249506	48.804	ng	99
37) 2-Methylnaphthalene	12.357	142	463124	44.567	ng	100
38) 1-Methylnaphthalene	12.581	142	442093	43.292	ng	100
40) 1,2,4,5-Tetrachloroben...	12.722	216	323640	45.442	ng	99
41) Hexachlorocyclopentadiene	12.693	237	391418	121.657	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	211666	49.081	ng	98

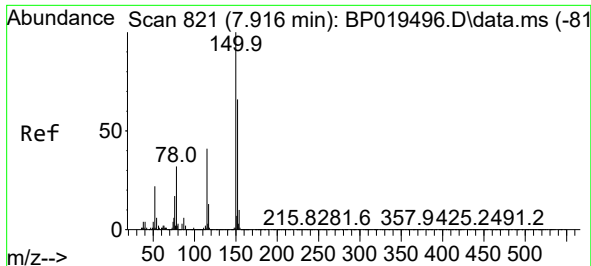
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	230344	48.641	ng	98
46) 1,1'-Biphenyl	13.375	154	632103	42.886	ng	99
47) 2-Chloronaphthalene	13.416	162	507545	41.949	ng	99
48) 2-Nitroaniline	13.628	65	157382	46.519	ng	99
49) Acenaphthylene	14.257	152	818883	48.241	ng	100
50) Dimethylphthalate	14.010	163	669803	47.379	ng	100
51) 2,6-Dinitrotoluene	14.134	165	146064	47.026	ng	93
52) Acenaphthene	14.598	154	460778	43.736	ng	99
53) 3-Nitroaniline	14.457	138	100691	35.275	ng	96
54) 2,4-Dinitrophenol	14.669	184	197345	122.371	ng	98
55) Dibenzofuran	14.940	168	798404	46.530	ng	98
56) 4-Nitrophenol	14.769	139	239910	102.543	ng	99
57) 2,4-Dinitrotoluene	14.922	165	210063	51.609	ng	97
58) Fluorene	15.587	166	644526	47.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	223292	56.058	ng	95
60) Diethylphthalate	15.369	149	664105	47.228	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	368770	48.008	ng	93
62) 4-Nitroaniline	15.622	138	144078	48.155	ng	98
63) Azobenzene	15.881	77	604188	44.433	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	133021	53.492	ng	94
66) n-Nitrosodiphenylamine	15.804	169	566101	43.342	ng	100
67) 4-Bromophenyl-phenylether	16.487	248	248440	45.569	ng	94
68) Hexachlorobenzene	16.587	284	286943	45.070	ng	94
69) Atrazine	16.769	200	217883	50.272	ng	94
70) Pentachlorophenol	16.940	266	400382	100.985	ng	98
71) Phenanthrene	17.334	178	1049580	45.731	ng	99
72) Anthracene	17.428	178	1057991	46.210	ng	100
73) Carbazole	17.704	167	941299	45.257	ng	99
74) Di-n-butylphthalate	18.263	149	1134774	45.123	ng	100
75) Fluoranthene	19.304	202	1319438	47.060	ng	99
77) Benzidine	19.492	184	812946	91.004	ng	99
78) Pyrene	19.657	202	1342874	44.531	ng	99
80) Butylbenzylphthalate	20.545	149	513876	45.631	ng	96
81) Benzo(a)anthracene	21.375	228	1386017	46.081	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	492468	44.932	ng	99
83) Chrysene	21.428	228	1295151	45.355	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	729675	42.550	ng	98
85) Di-n-octyl phthalate	22.251	149	1263737	41.885	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1741746	47.236	ng	98
88) Benzo(b)fluoranthene	23.069	252	1396637	46.003	ng	99
89) Benzo(k)fluoranthene	23.122	252	1382417	47.668	ng	99
90) Benzo(a)pyrene	23.704	252	1299100	48.091	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1460391	48.156	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1386807	45.075	ng	97

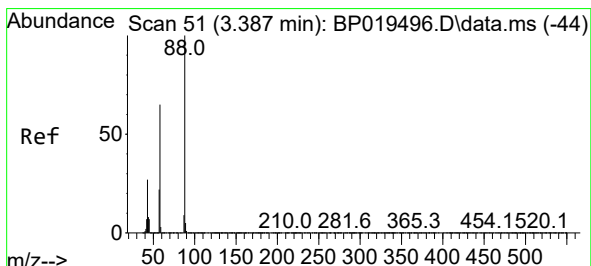
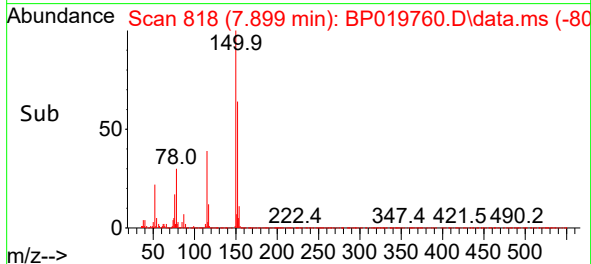
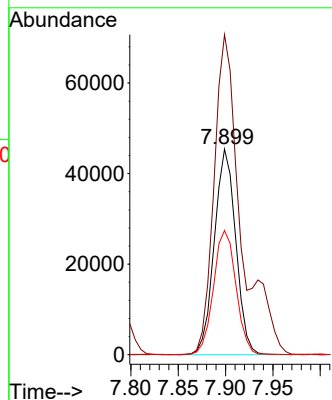
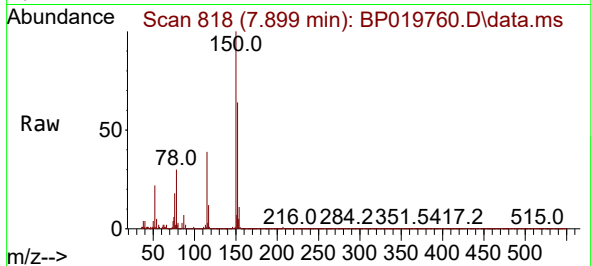
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP019760.D
 Acq: 19 Feb 2024 13:24

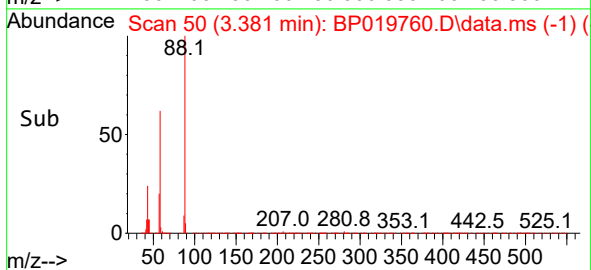
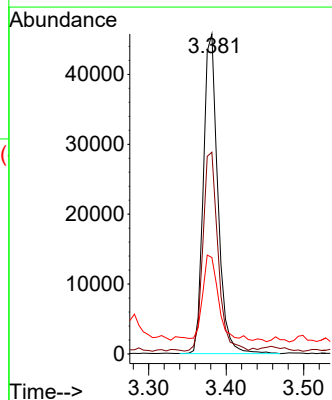
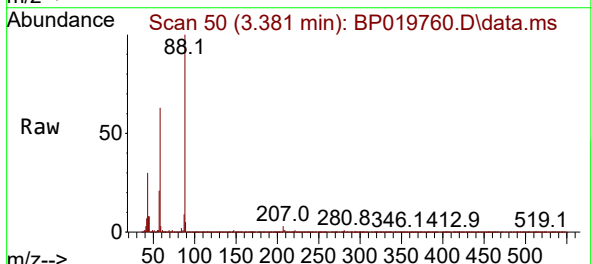
Instrument :
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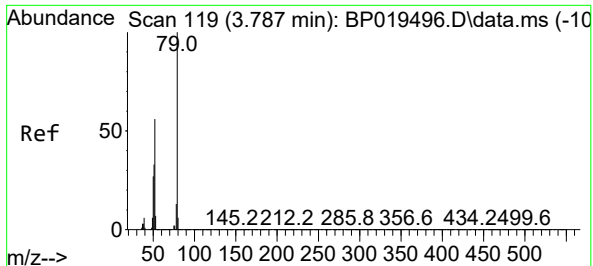
Tgt Ion:152 Resp: 71614
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.8 182.8
 115 60.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 34.700 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.005 min
 Lab File: BP019760.D
 Acq: 19 Feb 2024 13:24

Tgt Ion: 88 Resp: 59397
 Ion Ratio Lower Upper
 88 100
 58 64.6 52.6 78.8
 43 29.3 21.9 32.9

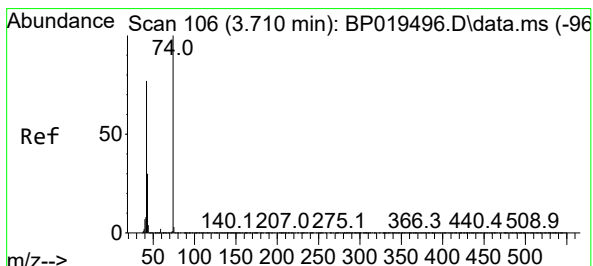
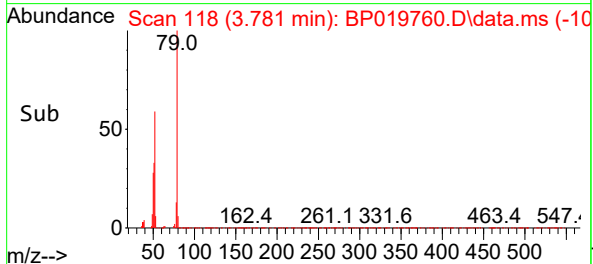
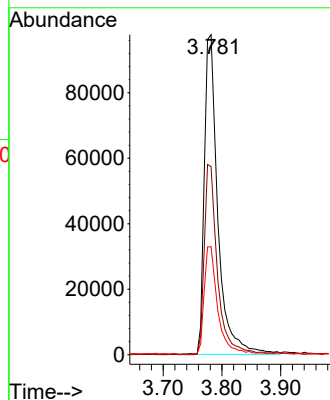
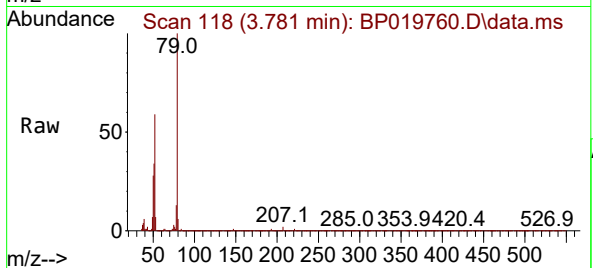




#3
Pyridine
Concen: 33.696 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

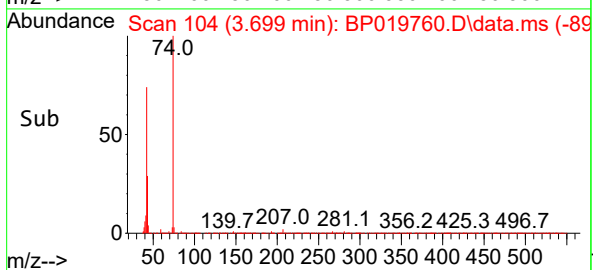
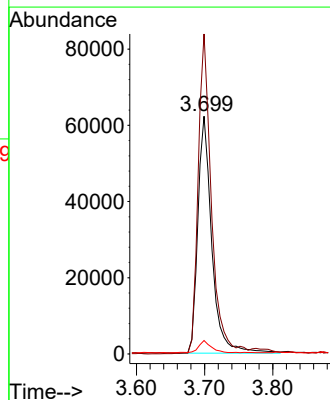
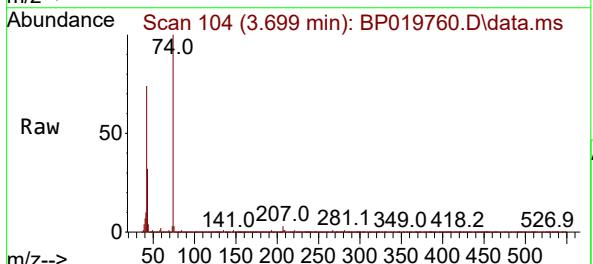
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ClientSampleId :
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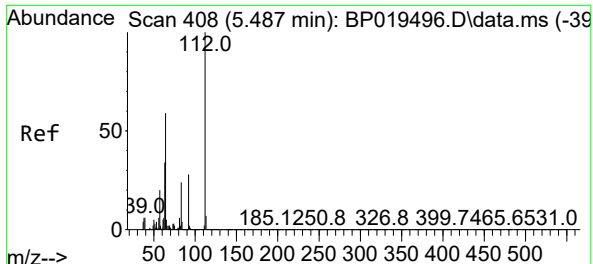
Tgt Ion: 79 Resp: 156372
Ion Ratio Lower Upper
79 100
52 58.8 45.0 67.6
51 33.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 43.623 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion: 42 Resp: 88136
Ion Ratio Lower Upper
42 100
74 134.6 103.4 155.2
44 5.7 4.8 7.2

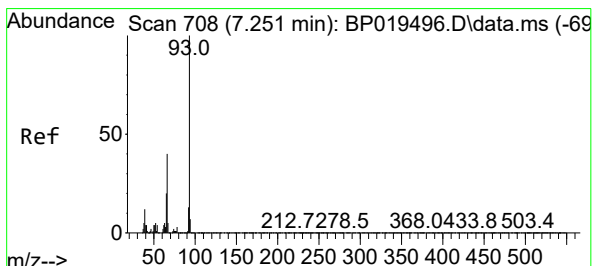
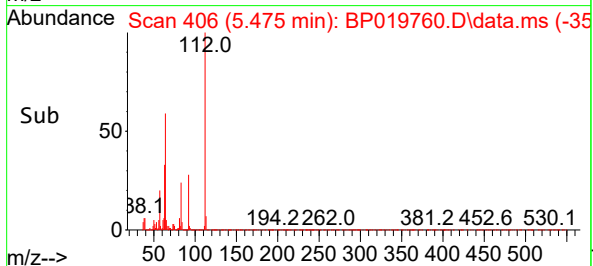
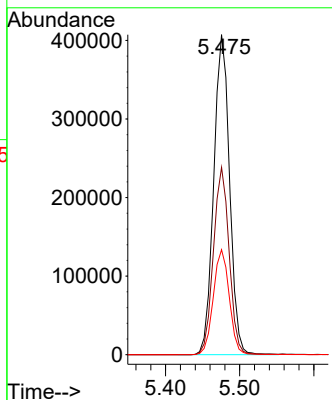
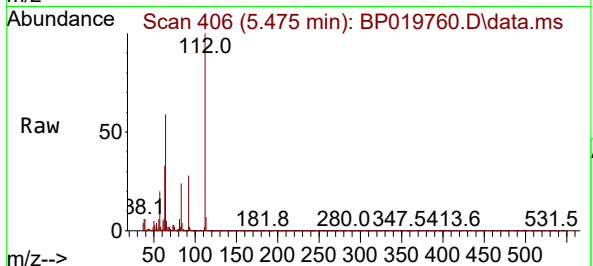




#5
2-Fluorophenol
Concen: 136.002 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

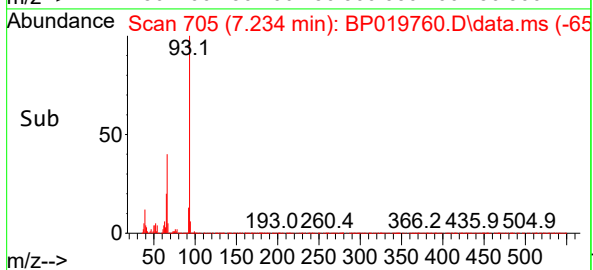
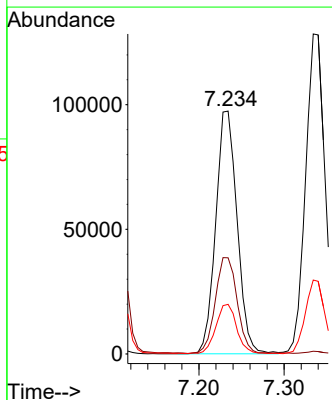
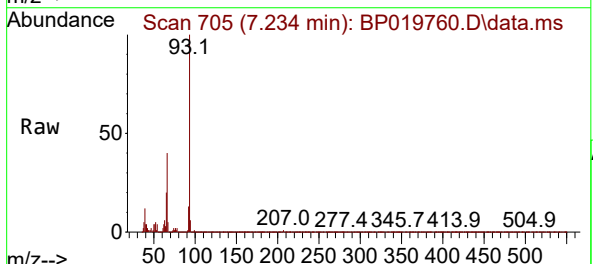
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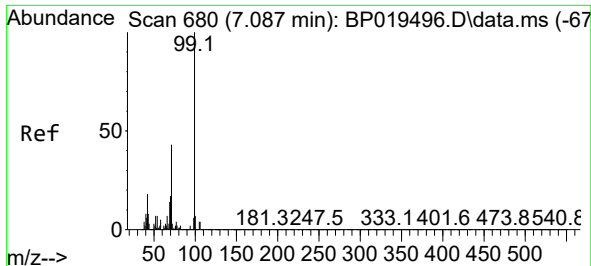
Tgt Ion:112 Resp: 604226
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 32.8 27.0 40.6



#6
Aniline
Concen: 29.274 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion: 93 Resp: 170399
Ion Ratio Lower Upper
93 100
66 39.6 32.3 48.5
65 20.5 16.4 24.6

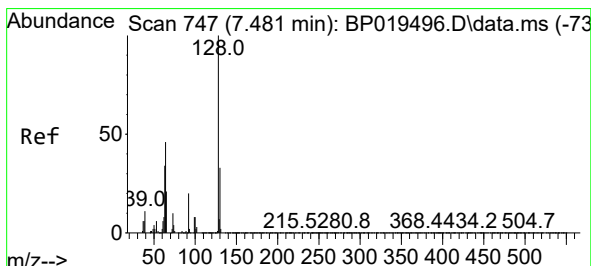
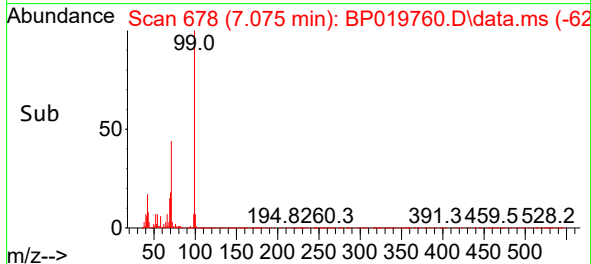
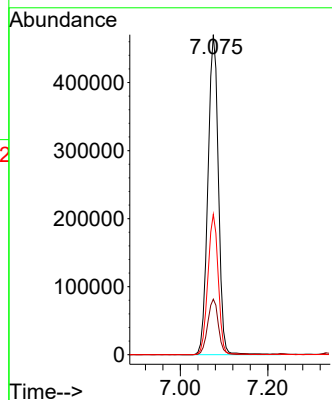
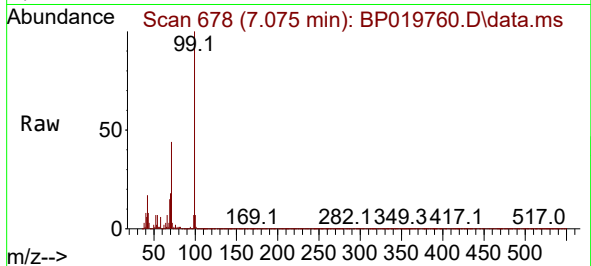




#7
Phenol-d6
Concen: 131.147 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

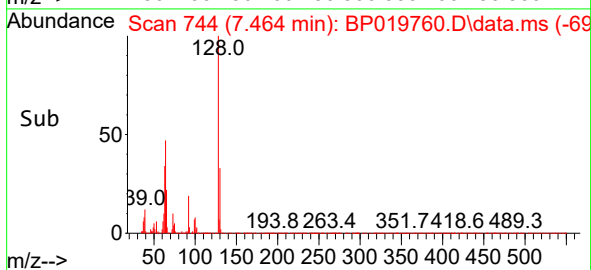
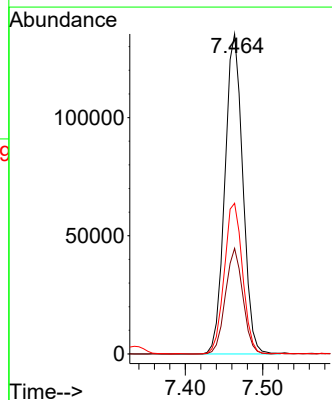
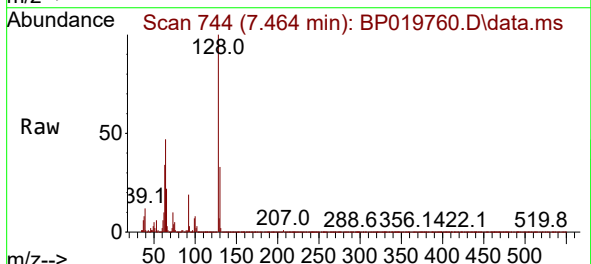
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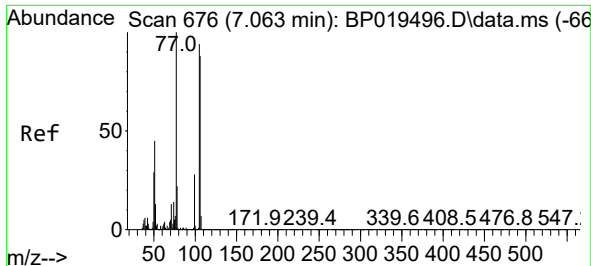
Tgt Ion: 99 Resp: 785634
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 43.9 34.8 52.2



#8
2-Chlorophenol
Concen: 47.778 ng
RT: 7.464 min Scan# 744
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:128 Resp: 217929
Ion Ratio Lower Upper
128 100
130 33.0 13.3 53.3
64 47.1 29.7 69.7

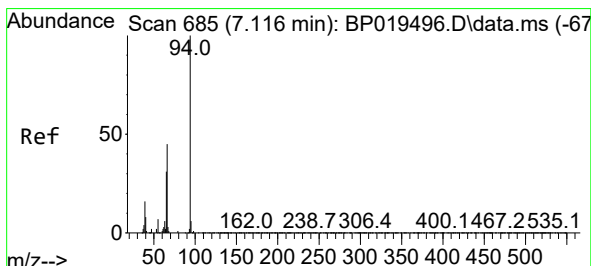
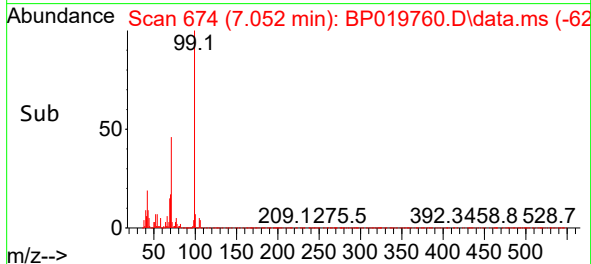
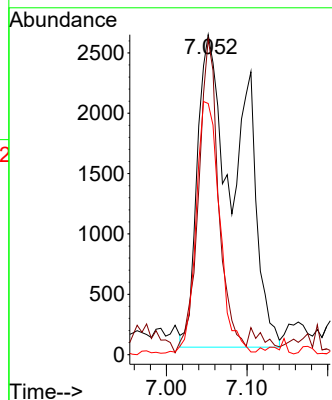
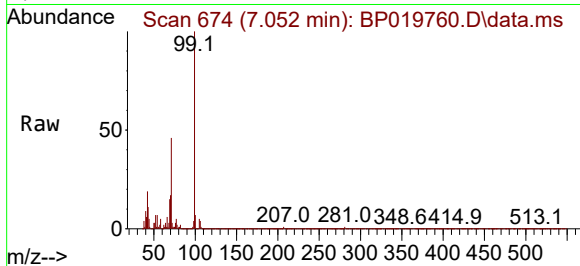




#9
Benzaldehyde
Concen: 2.238 ng m
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

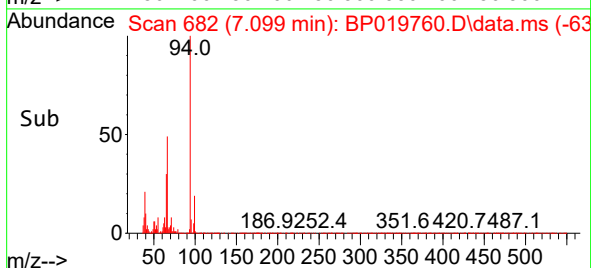
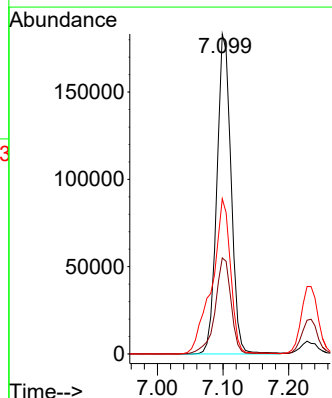
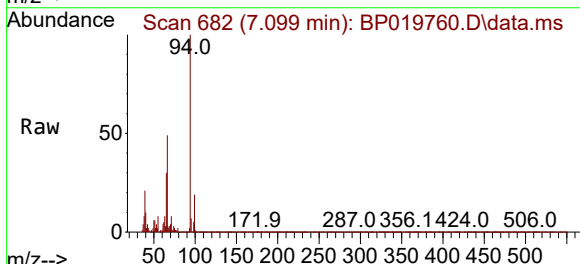
Instrument :
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ClientSampleId :
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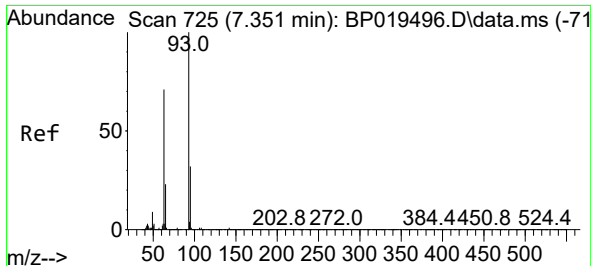
Tgt Ion: 77 Resp: 9398
Ion Ratio Lower Upper
77 100
105 98.5 74.0 114.0
106 78.5 67.8 107.8



#10
Phenol
Concen: 45.967 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion: 94 Resp: 274450
Ion Ratio Lower Upper
94 100
65 30.0 11.3 51.3
66 48.5 25.1 65.1

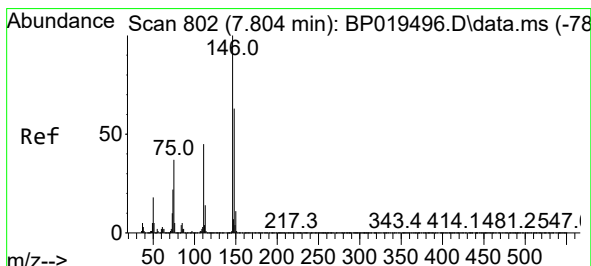
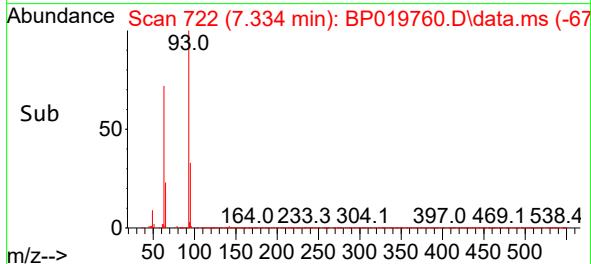
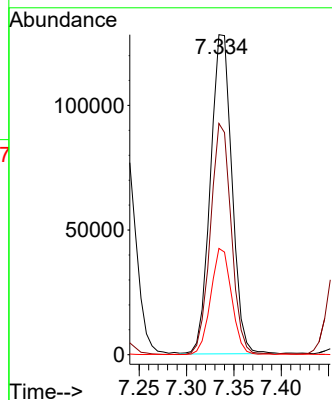
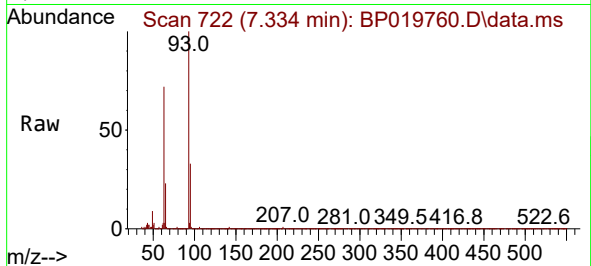




#11
bis(2-Chloroethyl)ether
Concen: 43.545 ng
RT: 7.334 min Scan# 711
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

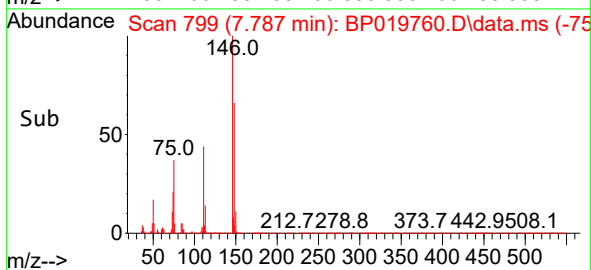
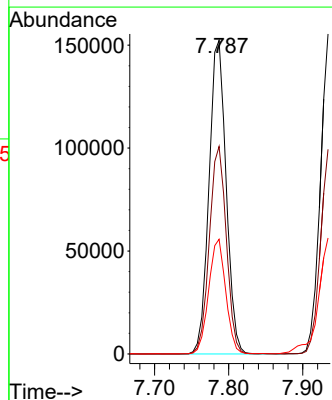
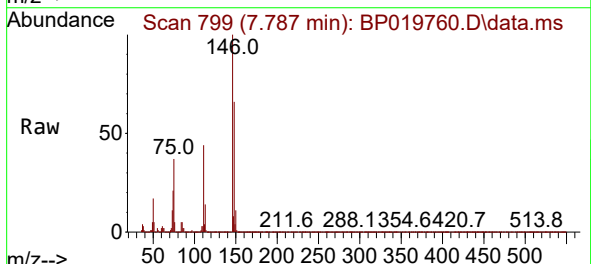
Instrument :
BNA_P
ClientSampleId :
PB159072BS

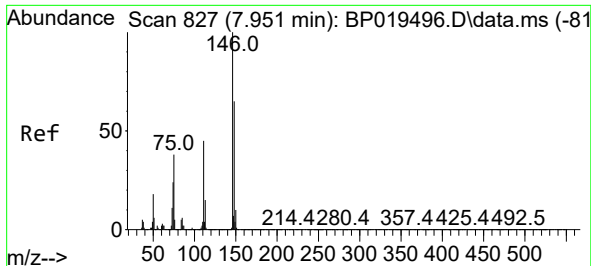
Tgt Ion: 93 Resp: 202268
Ion Ratio Lower Upper
93 100
63 72.3 51.2 91.2
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.807 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:146 Resp: 244498
Ion Ratio Lower Upper
146 100
148 66.1 50.4 75.6
75 36.6 29.9 44.9

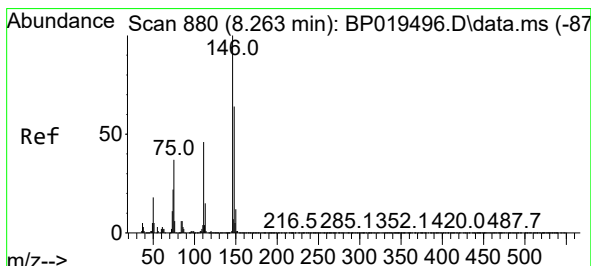
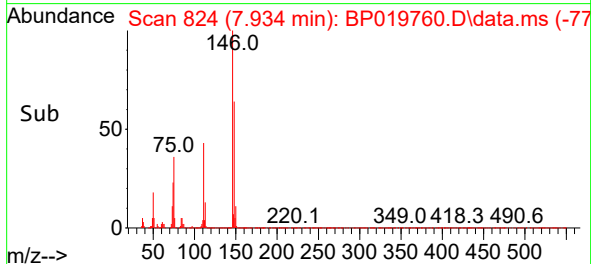
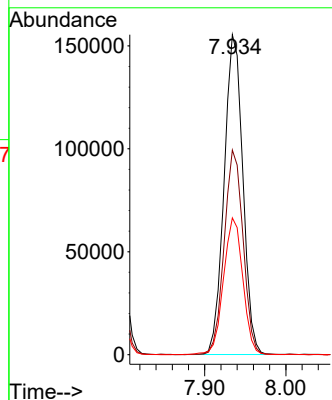
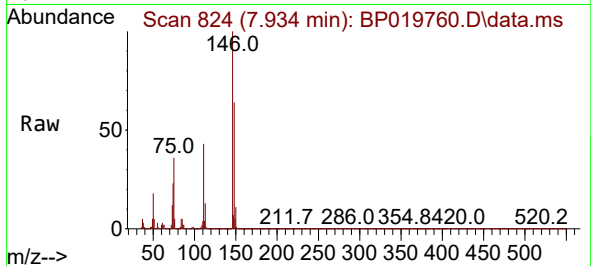




#13
1,4-Dichlorobenzene
Concen: 44.093 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

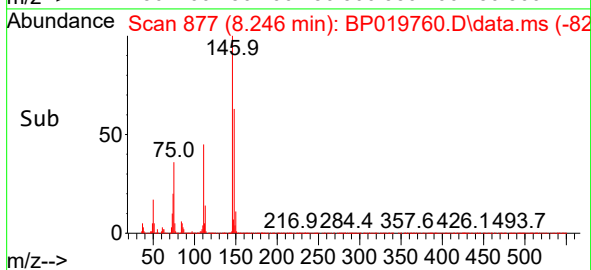
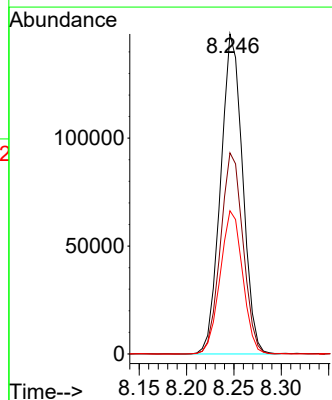
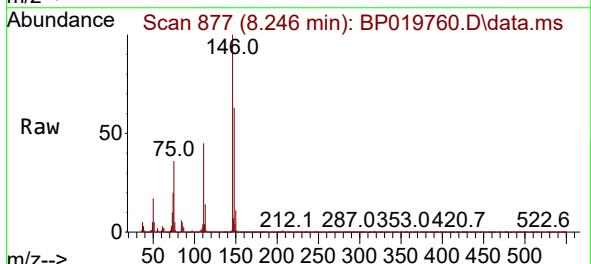
Instrument :
BNA_P
ClientSampleId :
PB159072BS

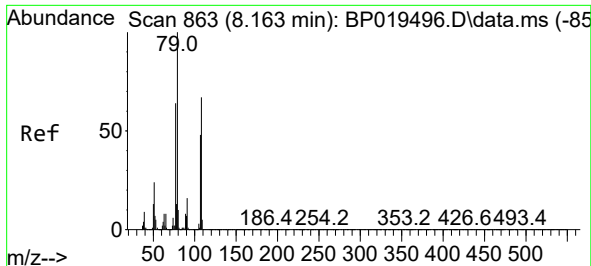
Tgt Ion:146 Resp: 249325
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
111 42.7 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 43.854 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:146 Resp: 239931
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.0
111 44.7 37.0 55.6

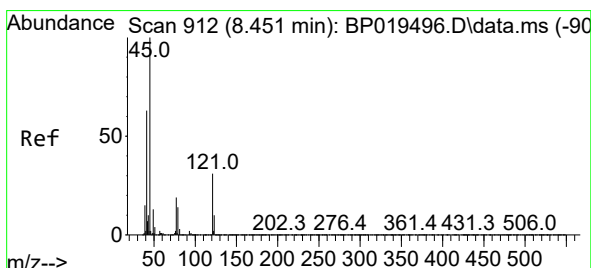
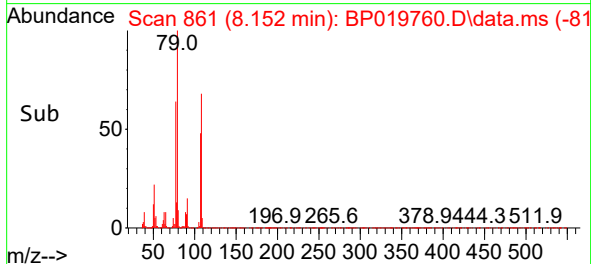
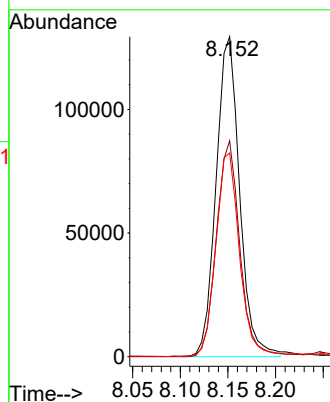
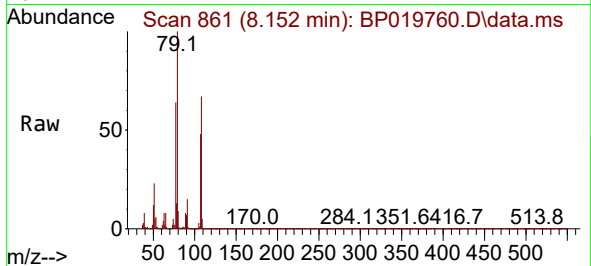




#15
Benzyl Alcohol
Concen: 46.472 ng m
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

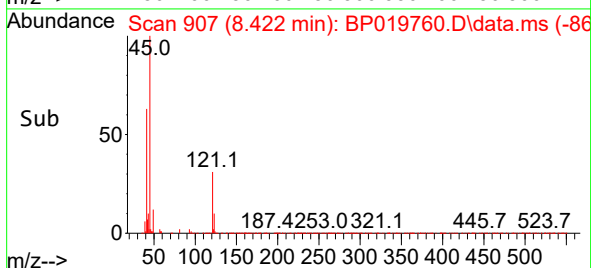
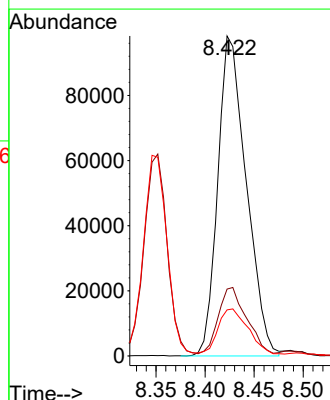
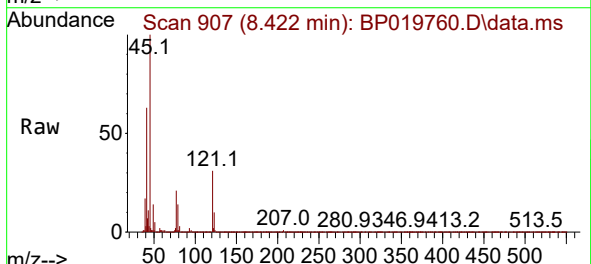
Instrument :
BNA_P
ClientSampleId :
PB159072BS

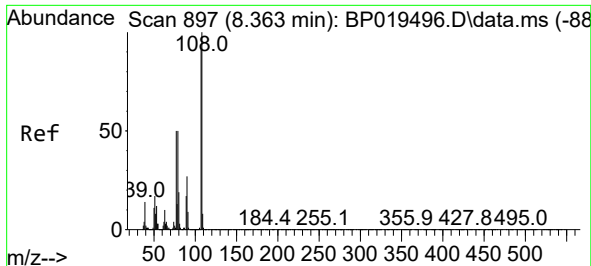
Tgt Ion: 79 Resp: 222437
Ion Ratio Lower Upper
79 100
108 67.4 53.8 80.6
77 63.7 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.806 ng m
RT: 8.422 min Scan# 907
Delta R.T. -0.029 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion: 45 Resp: 198836
Ion Ratio Lower Upper
45 100
77 20.9 0.8 40.8
79 14.4 0.0 35.5

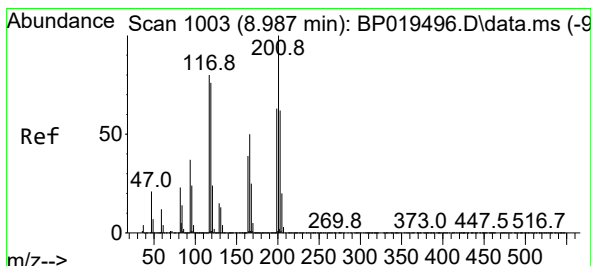
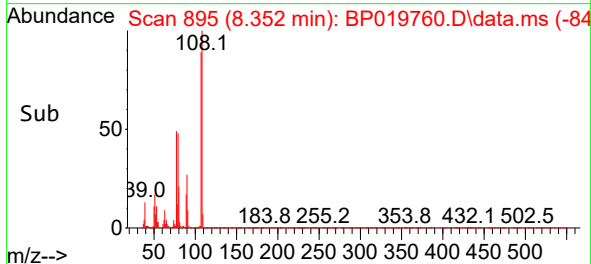
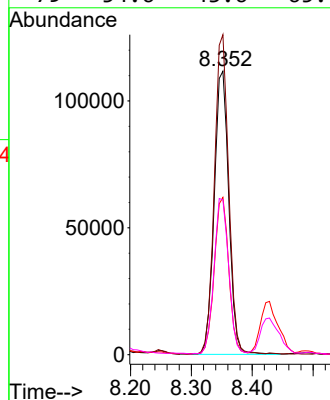
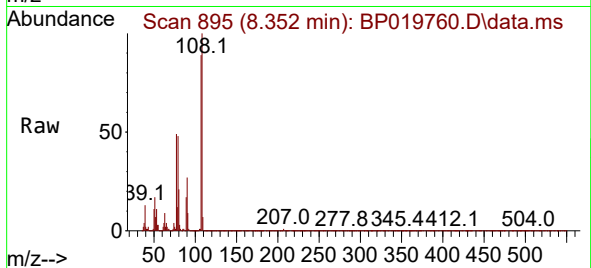




#17
2-Methylphenol
Concen: 46.108 ng
RT: 8.352 min Scan# 897
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

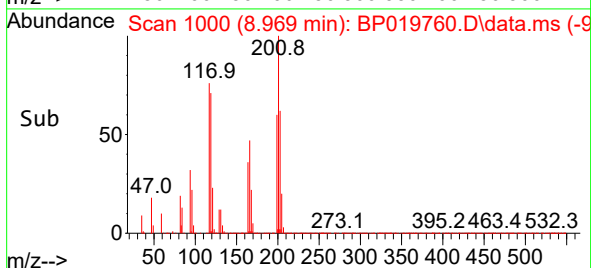
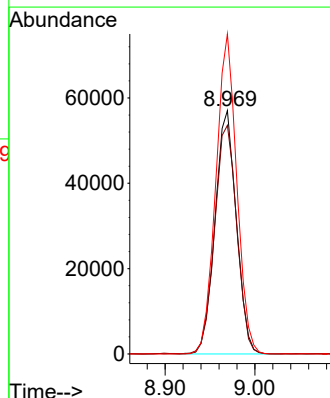
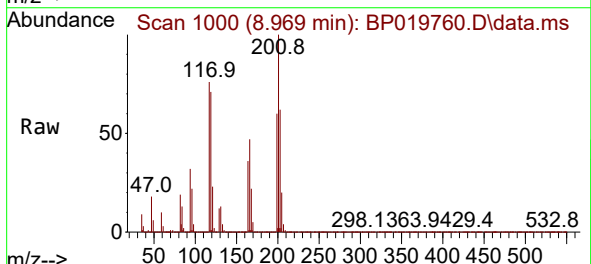
Instrument :
BNA_P
ClientSampleId :
PB159072BS

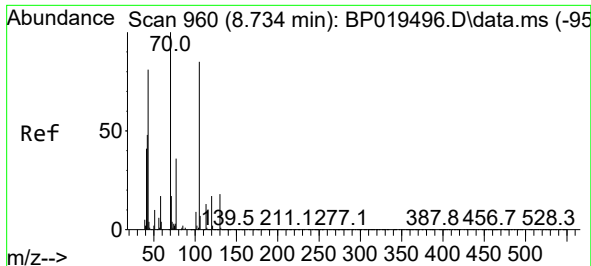
Tgt Ion:	107	Resp:	185336
Ion	Ratio	Lower	Upper
107	100		
108	112.8	87.0	130.6
77	55.5	43.5	65.3
79	54.6	43.6	65.4



#18
Hexachloroethane
Concen: 42.961 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:	117	Resp:	94160
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.5	113.3
201	131.5	99.4	149.2

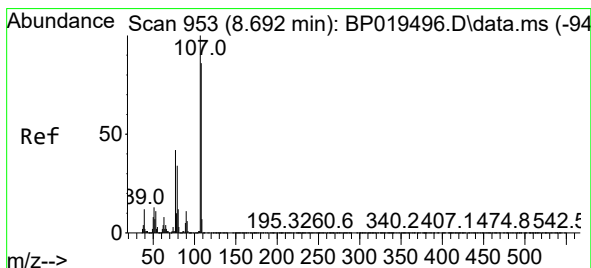
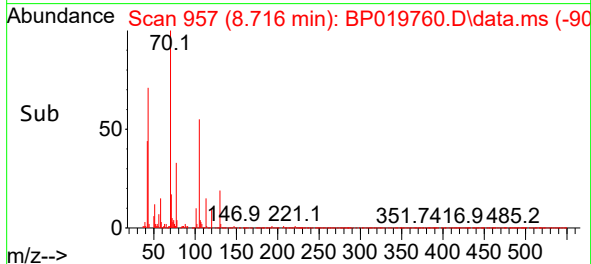
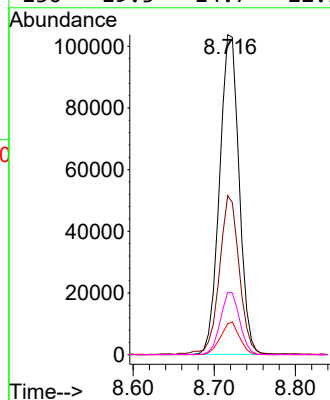
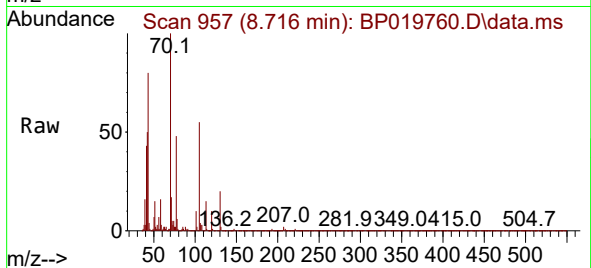




#19
n-Nitroso-di-n-propylamine
Concen: 42.441 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

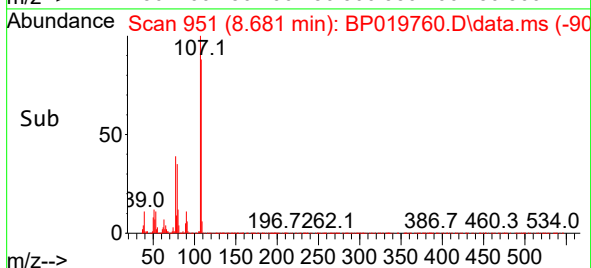
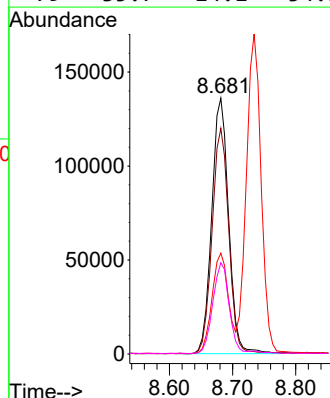
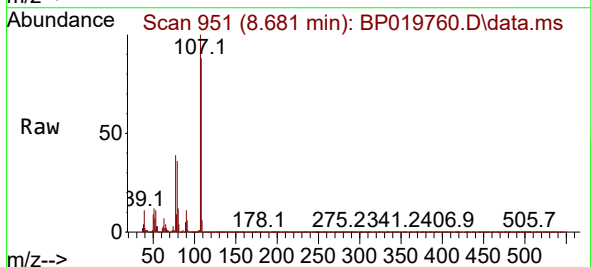
Instrument :
BNA_P
ClientSampleId :
PB159072BS

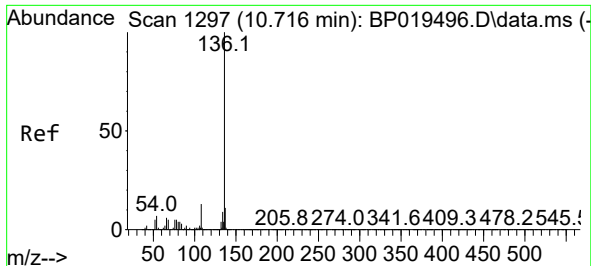
Tgt Ion:	70	Resp:	173660
Ion	Ratio	Lower	Upper
70	100		
42	49.7	39.2	58.8
101	9.7	7.3	10.9
130	19.5	14.7	22.1



#20
3+4-Methylphenols
Concen: 46.025 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:	107	Resp:	252485
Ion	Ratio	Lower	Upper
107	100		
108	88.2	65.5	105.5
77	39.4	21.8	61.8
79	35.7	14.1	54.1

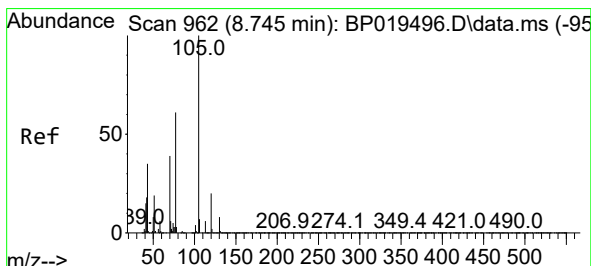
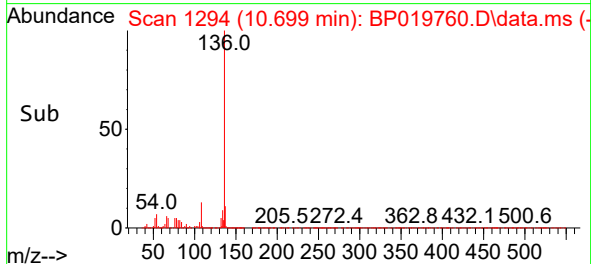
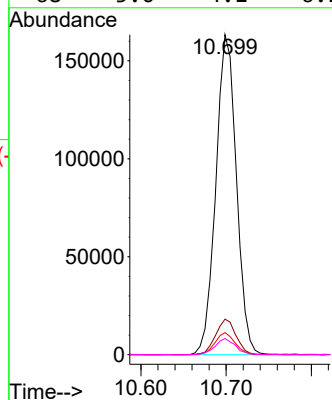
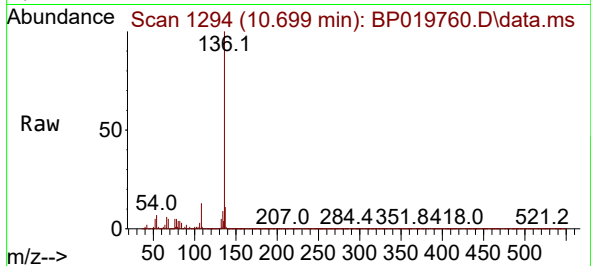




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

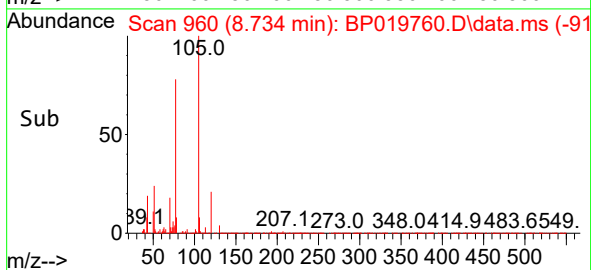
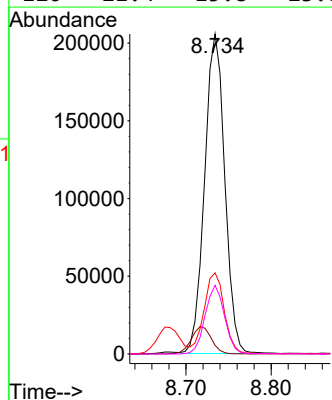
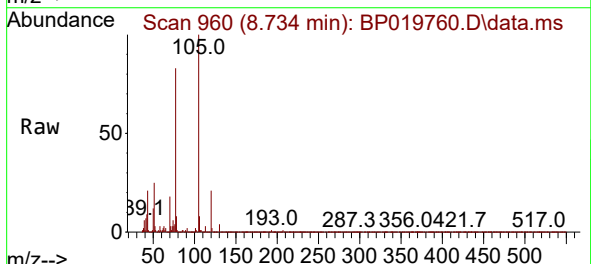
Instrument :
BNA_P
ClientSampleId :
PB159072BS

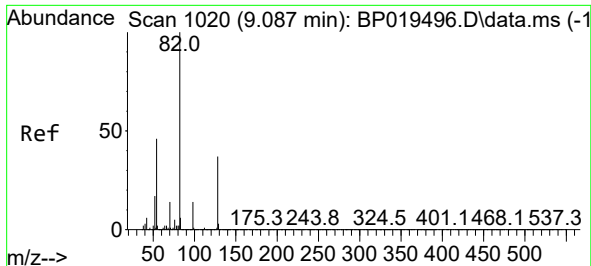
Tgt Ion:	136	Resp:	273784
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.9	5.3	7.9
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 43.342 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:	105	Resp:	338050
Ion Ratio	Lower	Upper	
105	100		
71	2.7	4.9	7.3
51	25.3	20.7	31.1
120	21.4	15.8	23.8

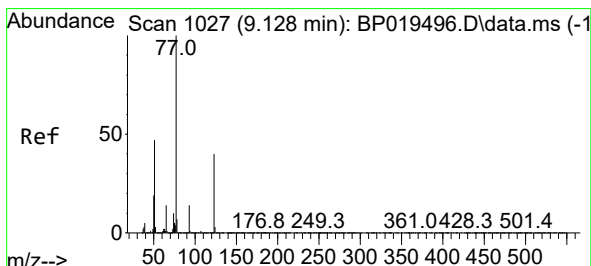
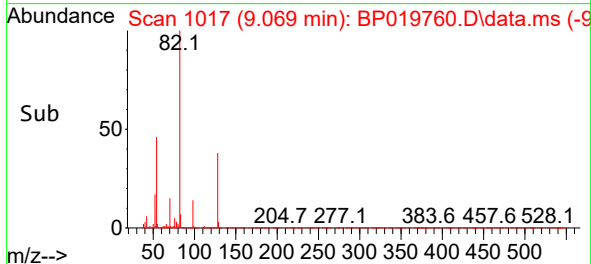
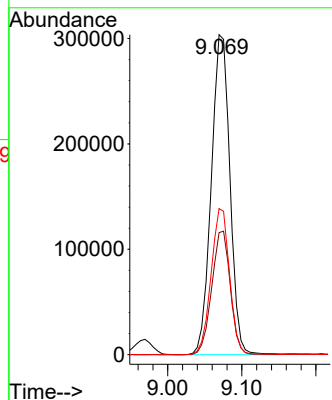
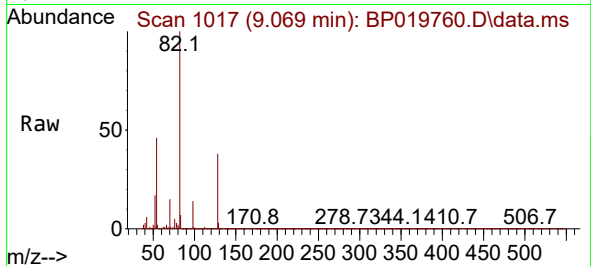




#23
Nitrobenzene-d5
Concen: 83.907 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

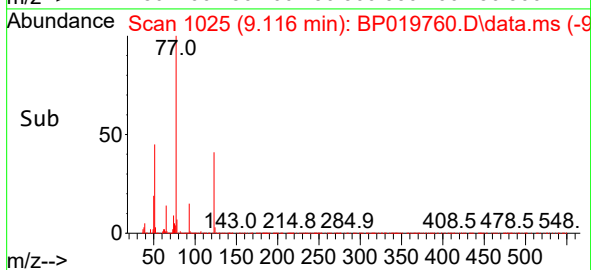
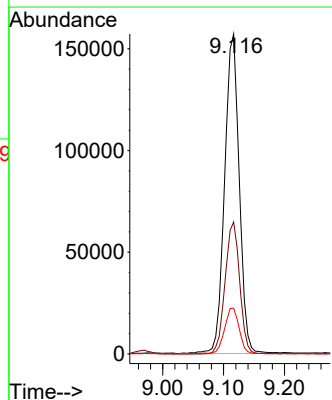
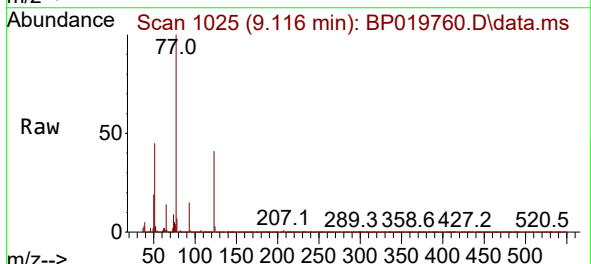
Instrument :
BNA_P
ClientSampleId :
PB159072BS

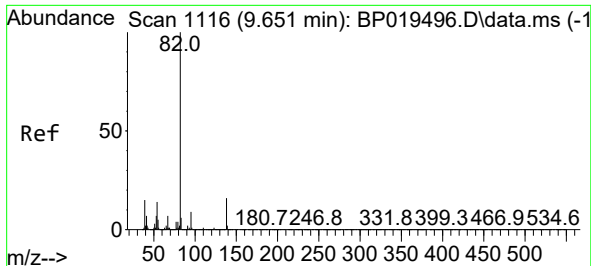
Tgt Ion: 82 Resp: 530155
Ion Ratio Lower Upper
82 100
128 38.2 29.7 44.5
54 45.7 36.8 55.2



#24
Nitrobenzene
Concen: 41.246 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion: 77 Resp: 262393
Ion Ratio Lower Upper
77 100
123 41.2 32.3 48.5
65 14.3 11.6 17.4

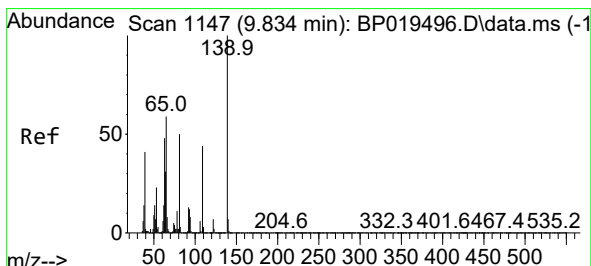
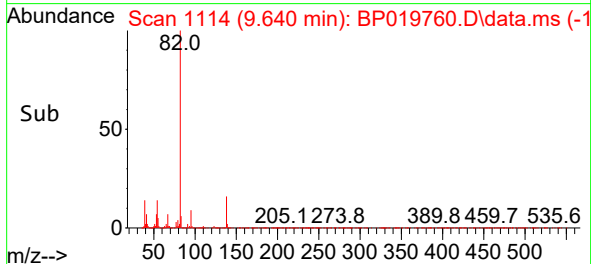
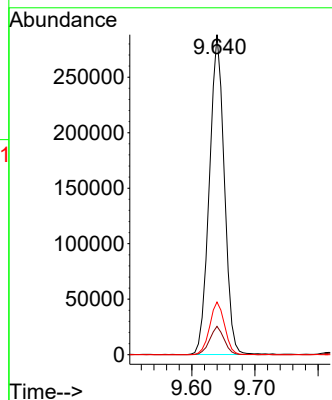
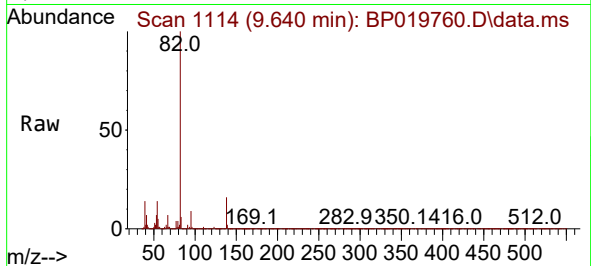




#25
Isophorone
Concen: 42.959 ng
RT: 9.640 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

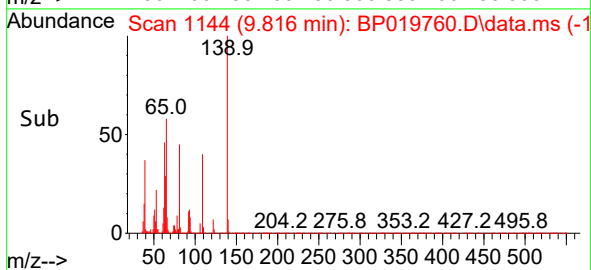
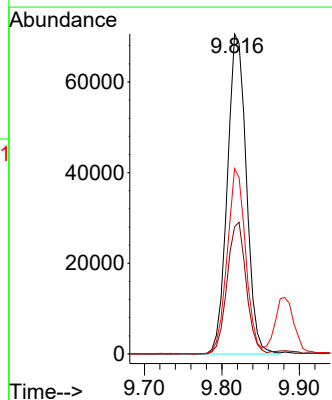
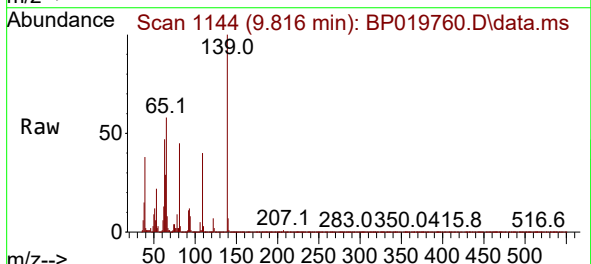
Instrument :
BNA_P
ClientSampleId :
PB159072BS

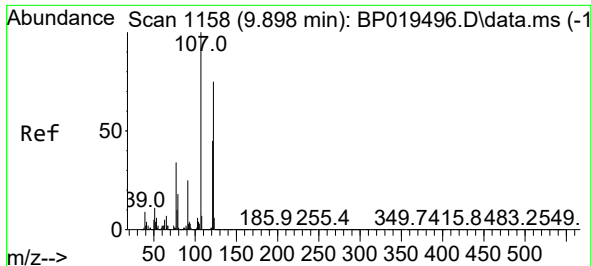
Tgt Ion: 82 Resp: 472715
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 49.734 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:139 Resp: 120637
Ion Ratio Lower Upper
139 100
109 39.7 34.9 52.3
65 58.0 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 53.348 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

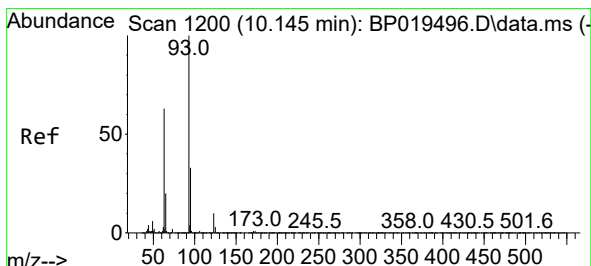
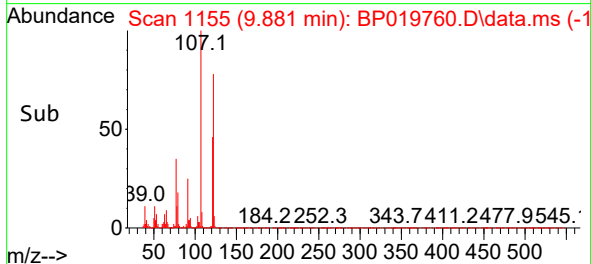
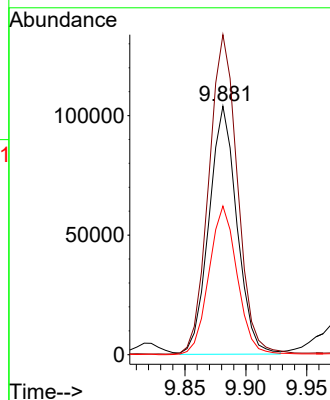
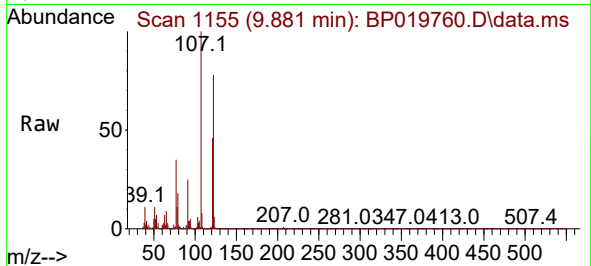
Tgt Ion:122 Resp: 165467

Ion Ratio Lower Upper

122 100

107 128.8 105.9 158.9

121 59.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.294 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

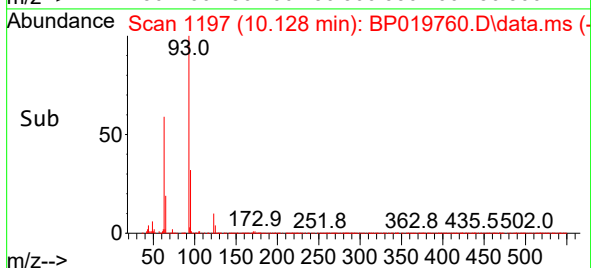
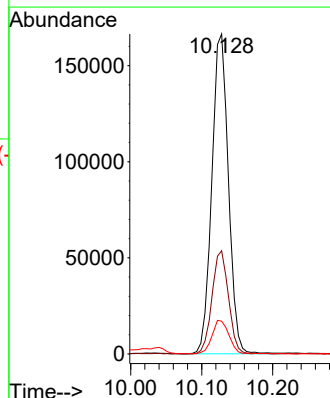
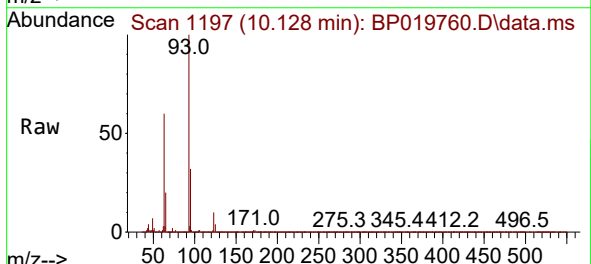
Tgt Ion: 93 Resp: 269543

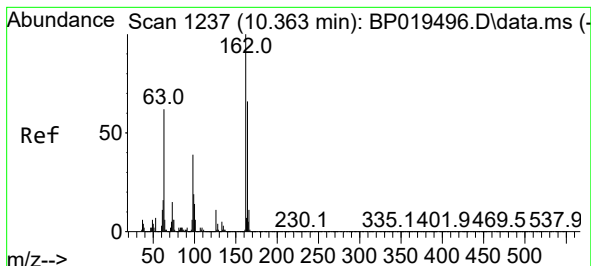
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 10.3 8.5 12.7

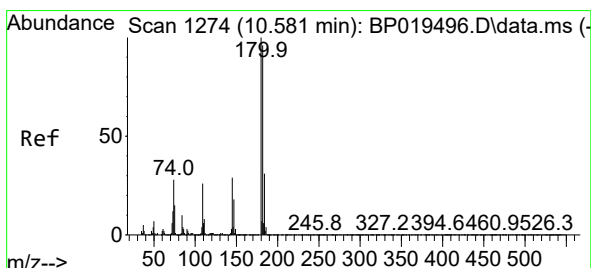
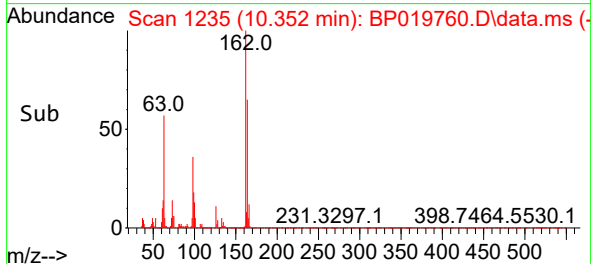
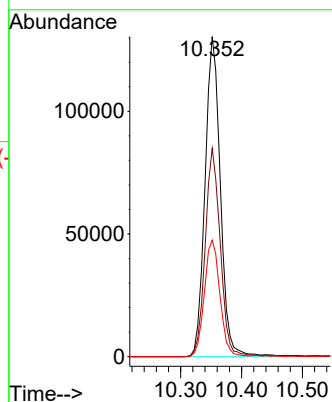
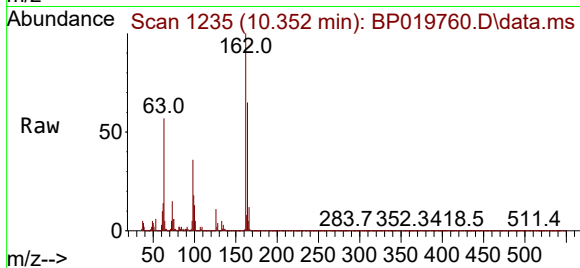




#29
2,4-Dichlorophenol
Concen: 48.859 ng
RT: 10.352 min Scan# 1235
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

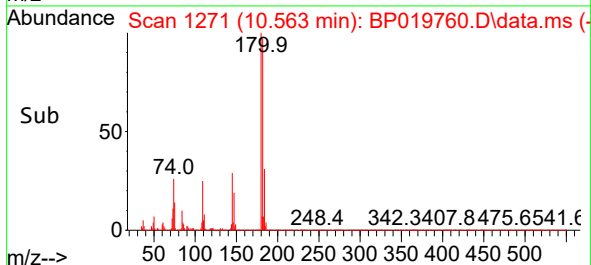
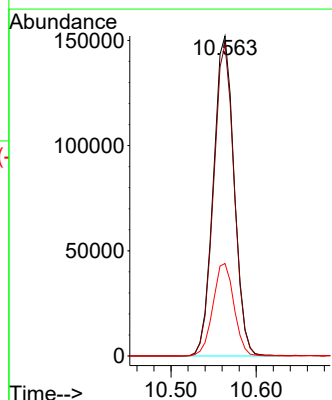
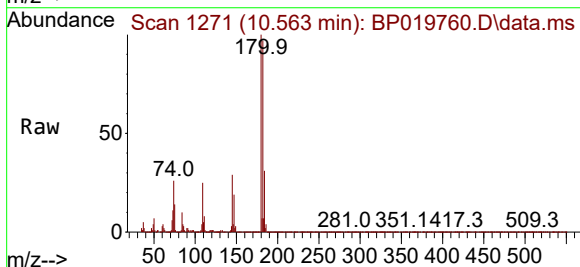
Instrument :
BNA_P
ClientSampleId :
PB159072BS

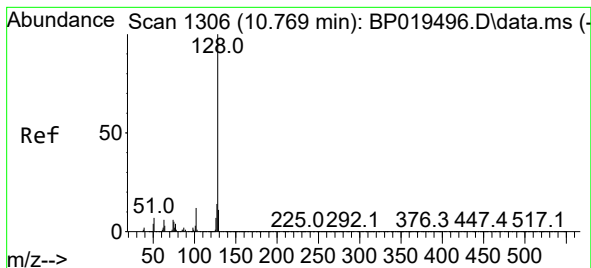
Tgt Ion:162 Resp: 229082
Ion Ratio Lower Upper
162 100
164 65.1 46.0 86.0
98 36.4 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 44.722 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:180 Resp: 257100
Ion Ratio Lower Upper
180 100
182 97.4 77.0 115.6
145 28.9 23.2 34.8





#31

Naphthalene

Concen: 43.221 ng

RT: 10.752 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

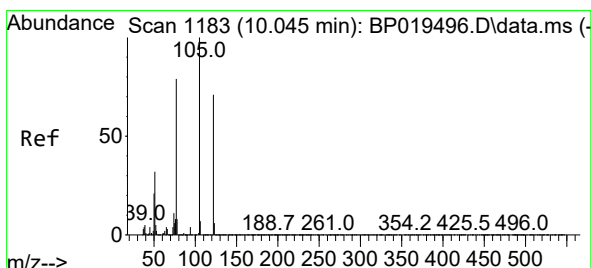
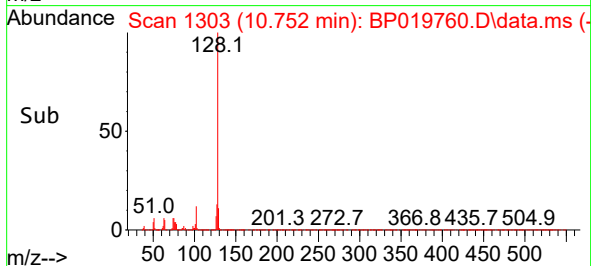
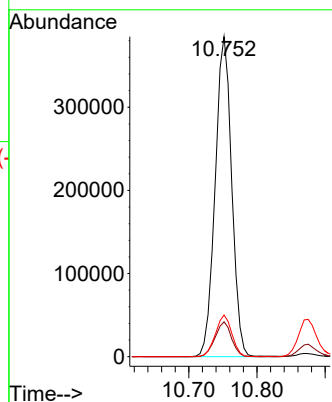
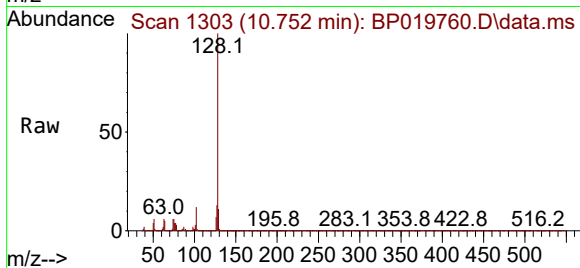
Tgt Ion:128 Resp: 649006

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 52.778 ng

RT: 10.040 min Scan# 1182

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

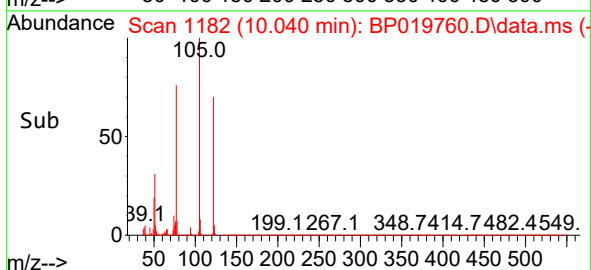
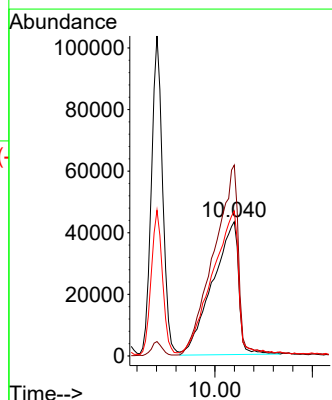
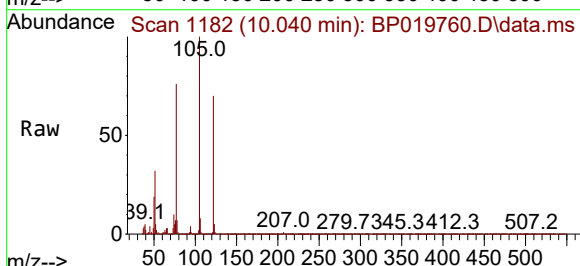
Tgt Ion:122 Resp: 159495

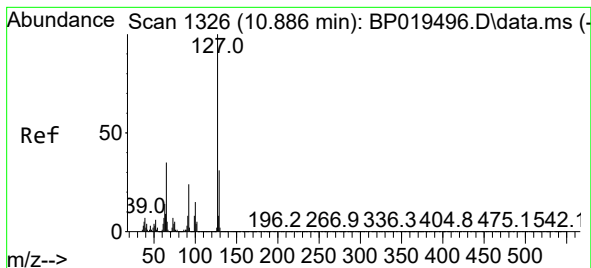
Ion Ratio Lower Upper

122 100

105 142.2 118.8 158.8

77 107.9 91.7 131.7





#33

4-Chloroaniline

Concen: 15.999 ng

RT: 10.875 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

Tgt Ion:127 Resp: 88845

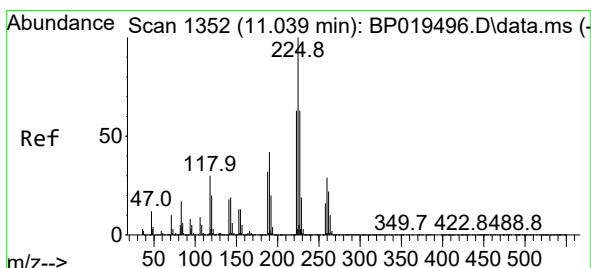
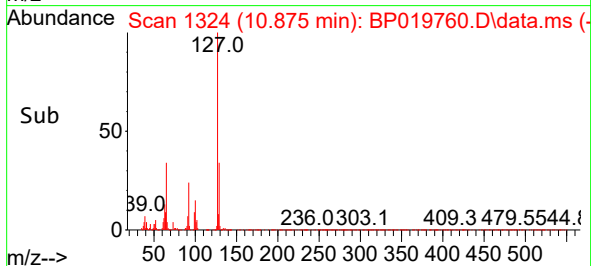
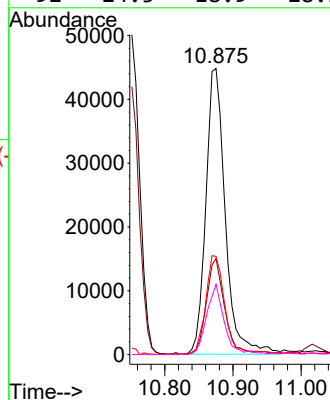
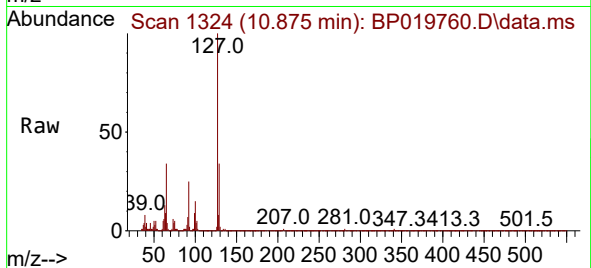
Ion Ratio Lower Upper

127 100

129 33.6 24.6 36.8

65 34.3 28.2 42.4

92 24.5 18.9 28.3



#34

Hexachlorobutadiene

Concen: 44.476 ng

RT: 11.022 min Scan# 1349

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

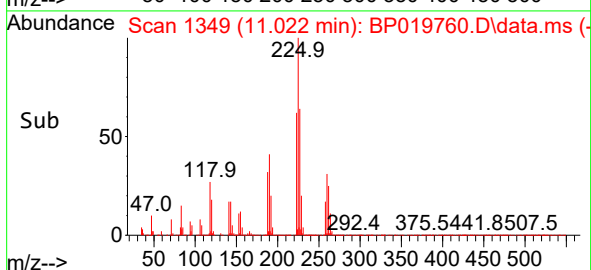
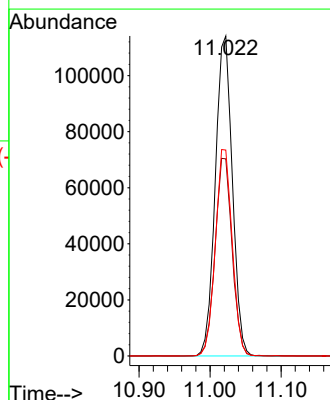
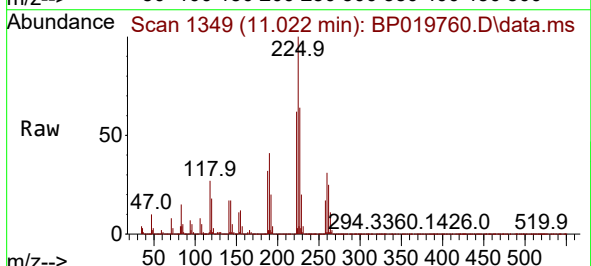
Tgt Ion:225 Resp: 189473

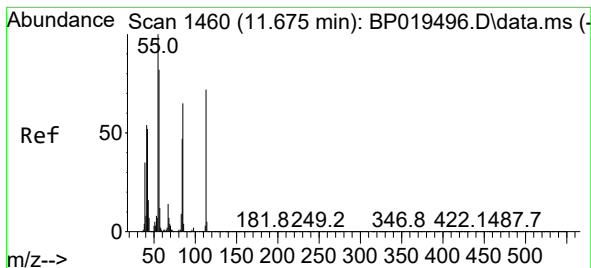
Ion Ratio Lower Upper

225 100

223 61.6 50.5 75.7

227 64.3 50.2 75.2





#35

Caprolactam

Concen: 51.980 ng

RT: 11.681 min Scan# 1460

Delta R.T. 0.006 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

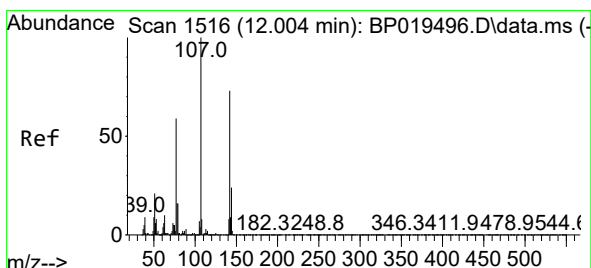
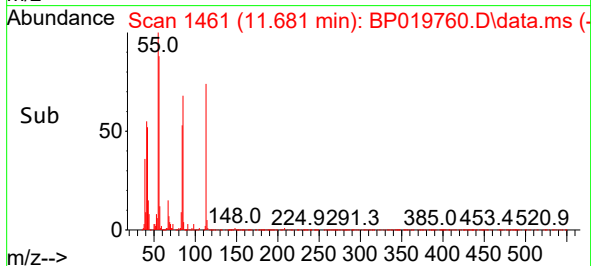
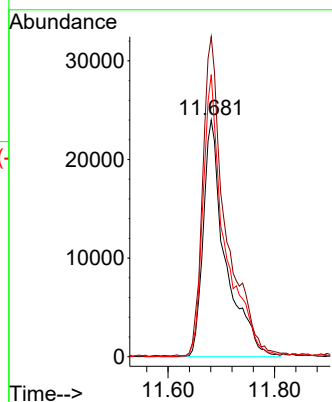
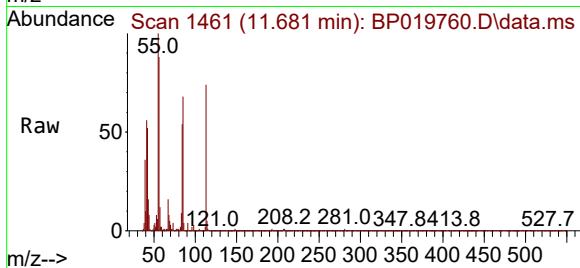
Tgt Ion:113 Resp: 68994

Ion Ratio Lower Upper

113 100

55 135.2 120.0 160.0

56 119.2 94.0 134.0



#36

4-Chloro-3-methylphenol

Concen: 48.804 ng

RT: 11.999 min Scan# 1515

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

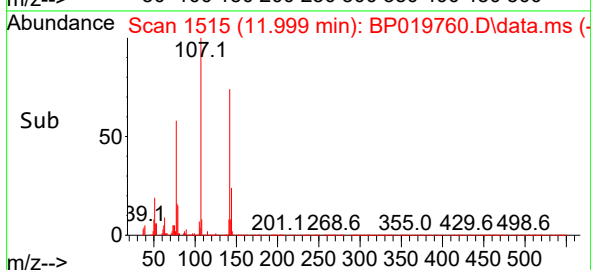
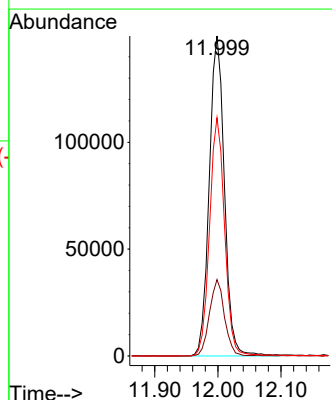
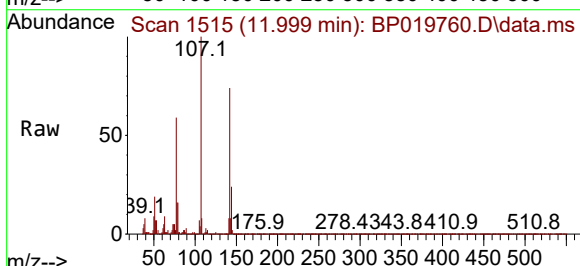
Tgt Ion:107 Resp: 249506

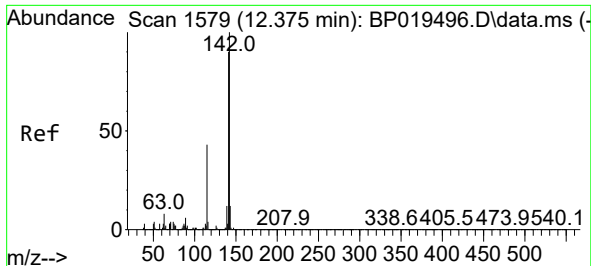
Ion Ratio Lower Upper

107 100

144 23.8 19.0 28.4

142 74.5 58.6 88.0

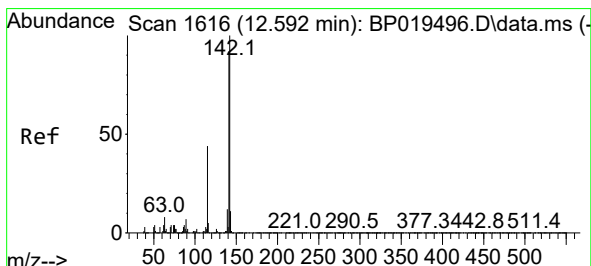
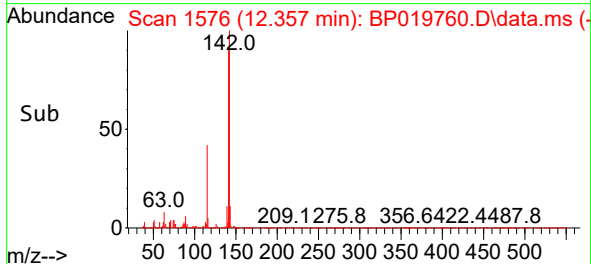
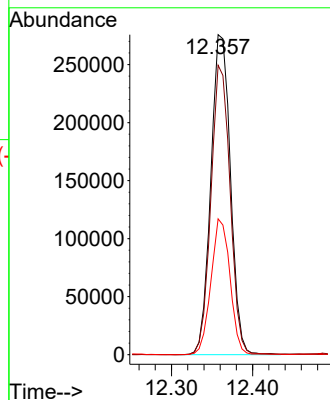
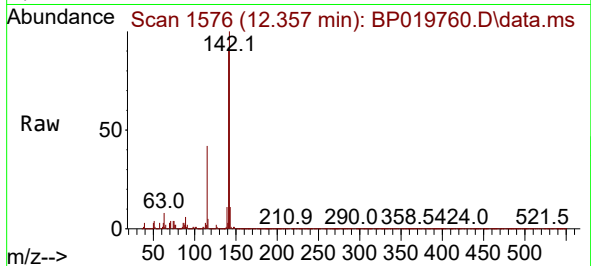




#37
2-Methylnaphthalene
Concen: 44.567 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

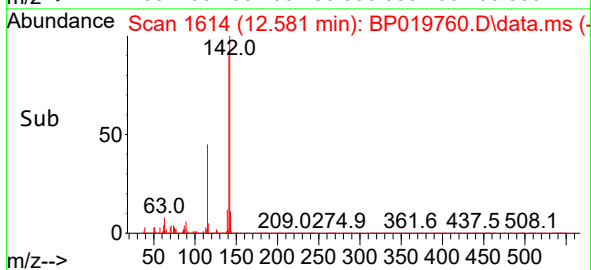
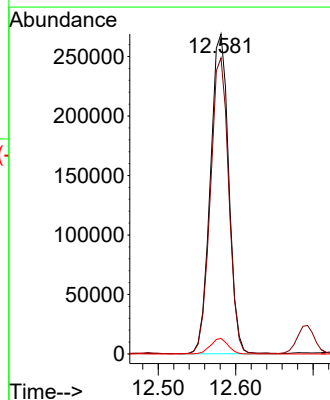
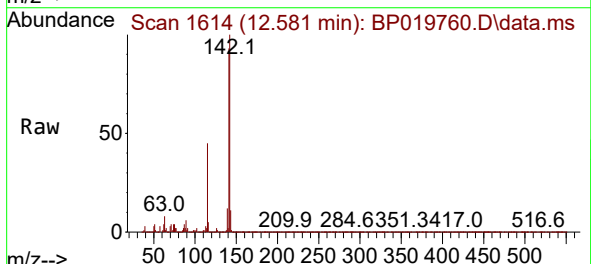
Instrument :
BNA_P
ClientSampleId :
PB159072BS

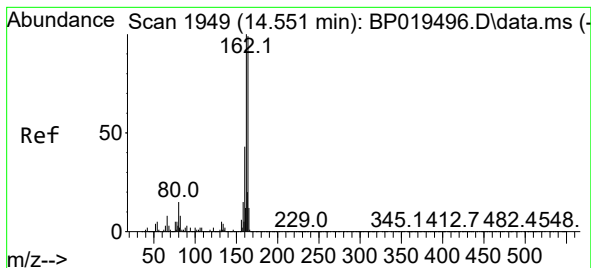
Tgt Ion:142 Resp: 463124
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.4
115 42.4 34.2 51.2



#38
1-Methylnaphthalene
Concen: 43.292 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:142 Resp: 442093
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0
116 4.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

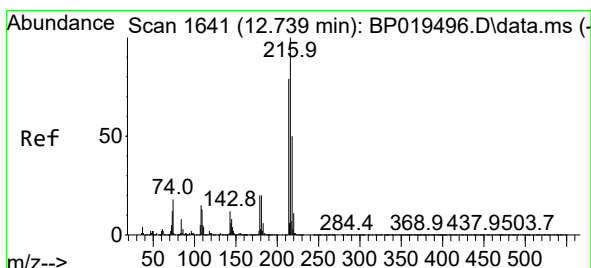
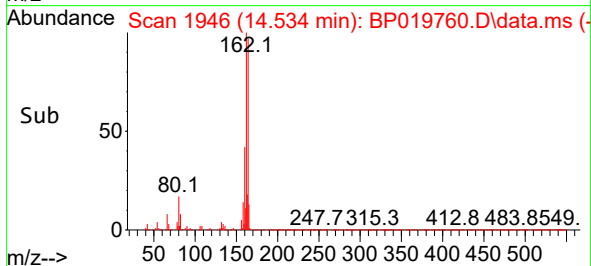
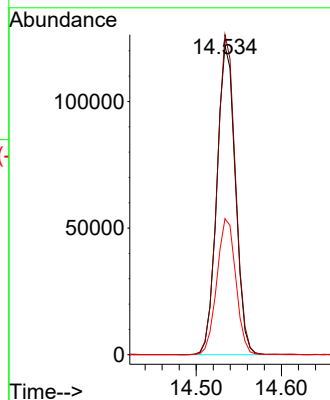
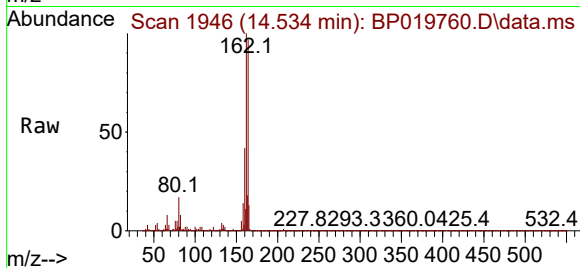
Tgt Ion:164 Resp: 184671

Ion Ratio Lower Upper

164 100

162 103.6 81.2 121.8

160 44.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.442 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Tgt Ion:216 Resp: 323640

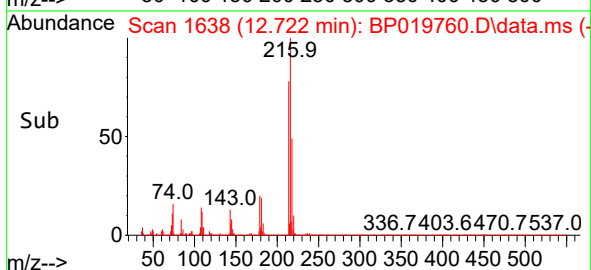
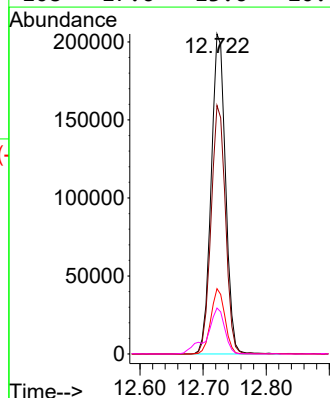
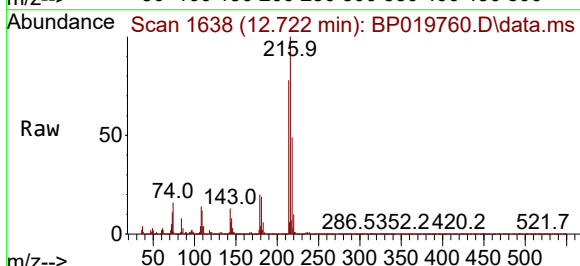
Ion Ratio Lower Upper

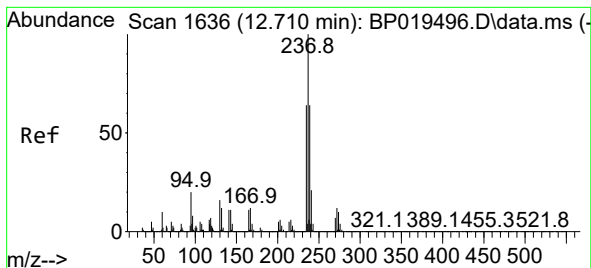
216 100

214 77.9 62.8 94.2

179 20.0 16.6 24.8

108 17.6 13.6 20.4

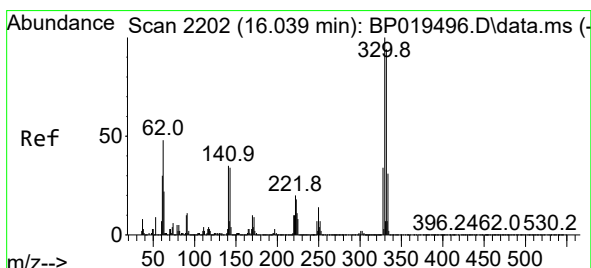
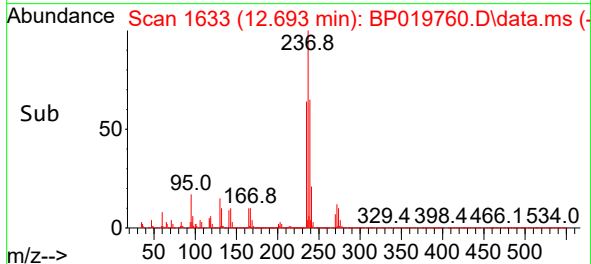
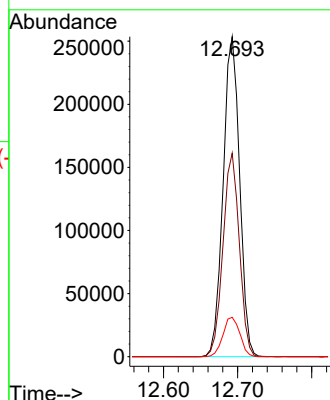
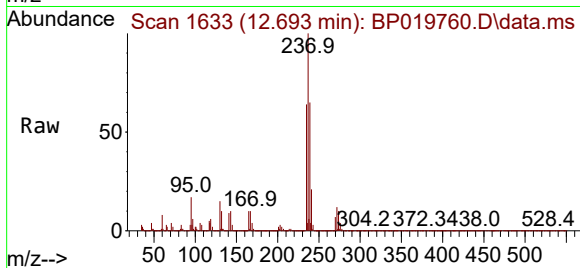




#41
Hexachlorocyclopentadiene
Concen: 121.657 ng
RT: 12.693 min Scan# 1633
Delta R.T. -0.017 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

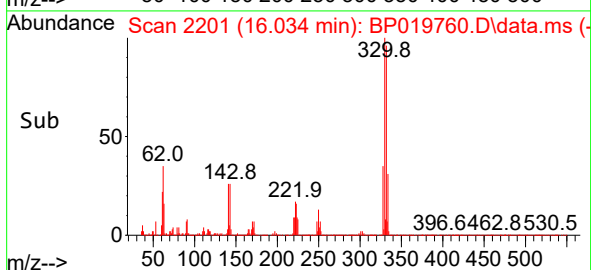
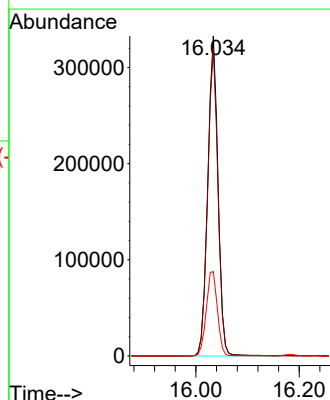
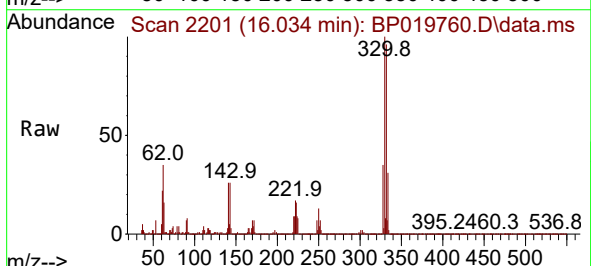
Instrument :
BNA_P
ClientSampleId :
PB159072BS

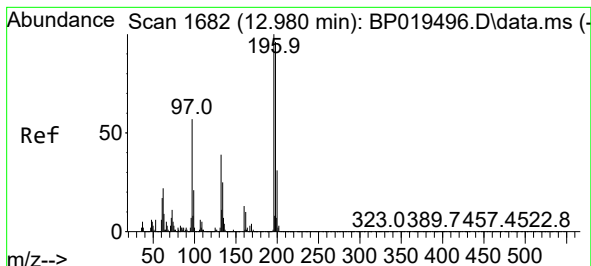
Tgt Ion:237 Resp: 391418
Ion Ratio Lower Upper
237 100
235 63.6 43.7 83.7
272 12.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 170.498 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:330 Resp: 459718
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 28.6 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 49.081 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

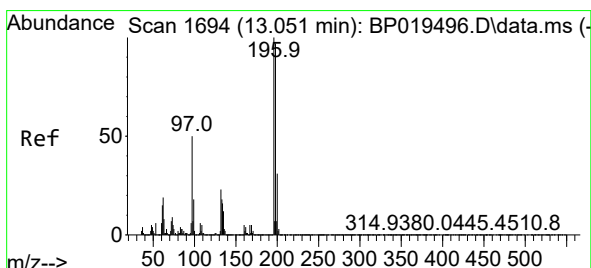
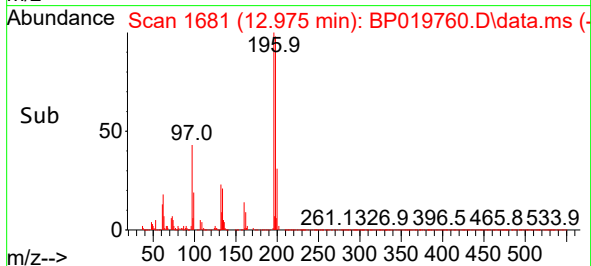
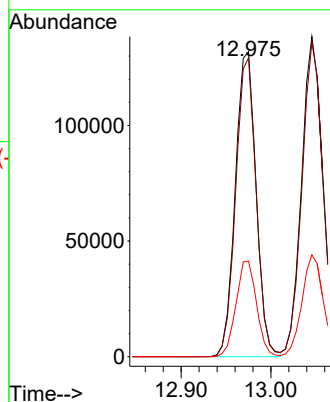
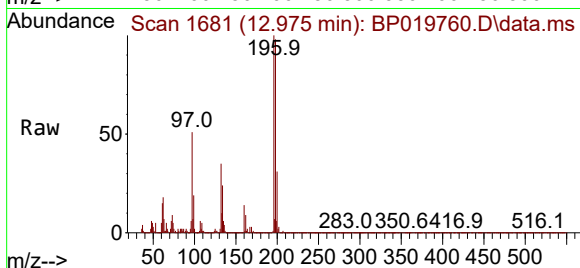
Tgt Ion:196 Resp: 211666

Ion Ratio Lower Upper

196 100

198 98.0 76.7 115.1

200 31.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.641 ng

RT: 13.046 min Scan# 1693

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Tgt Ion:196 Resp: 230344

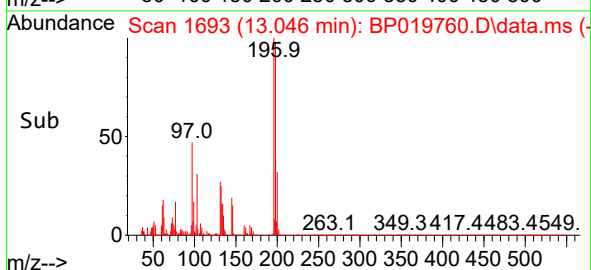
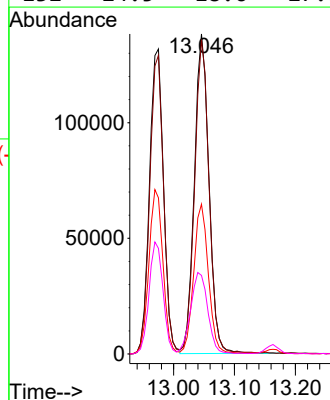
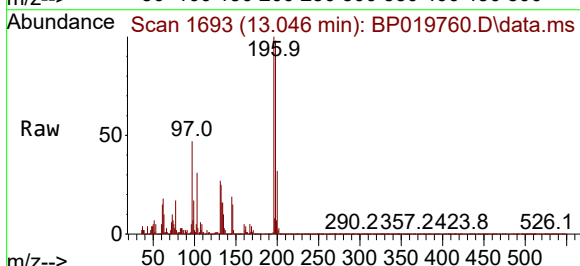
Ion Ratio Lower Upper

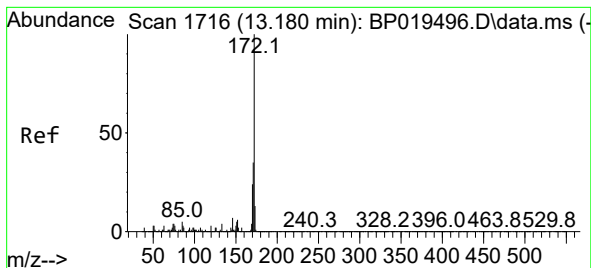
196 100

198 98.2 77.5 116.3

97 46.8 39.9 59.9

132 24.5 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 85.308 ng

RT: 13.163 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

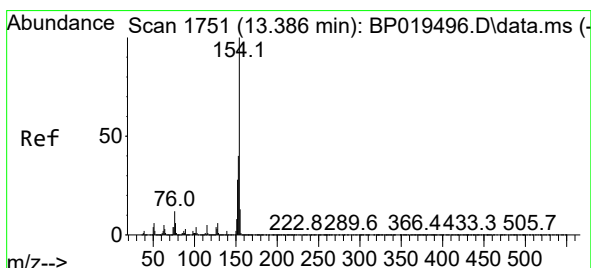
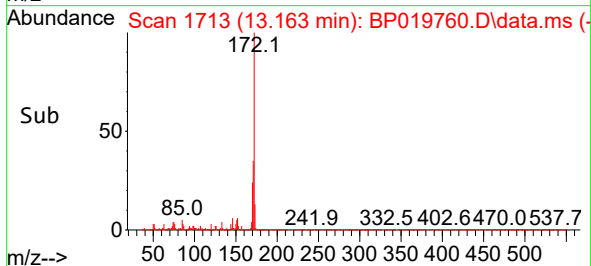
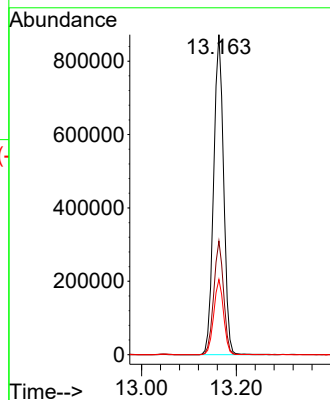
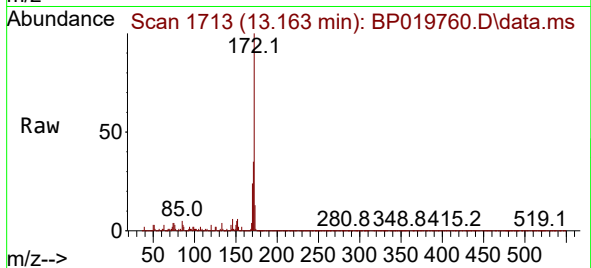
Tgt Ion:172 Resp: 1274357

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.886 ng

RT: 13.375 min Scan# 1749

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

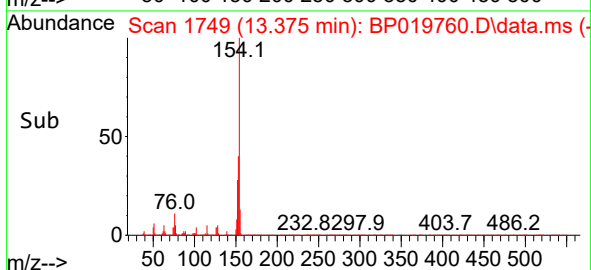
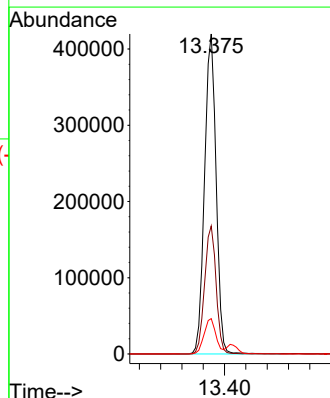
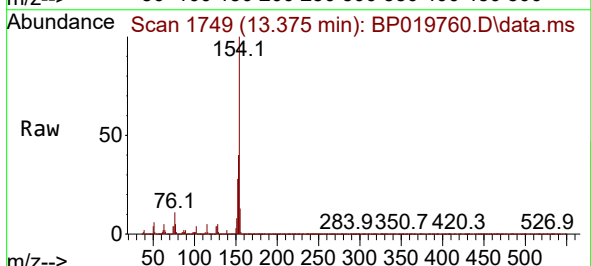
Tgt Ion:154 Resp: 632103

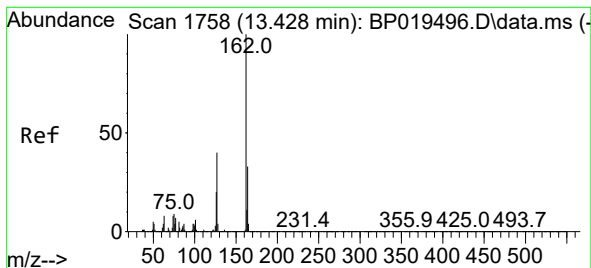
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

76 11.0 0.0 31.6





#47

2-Chloronaphthalene

Concen: 41.949 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

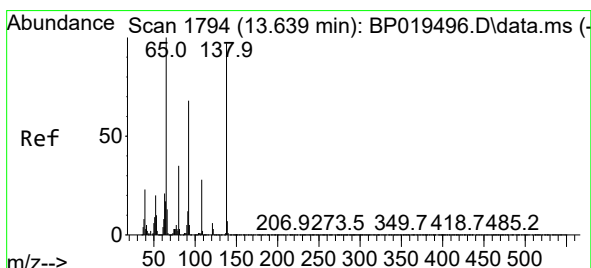
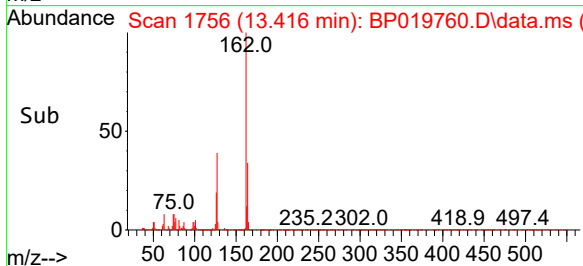
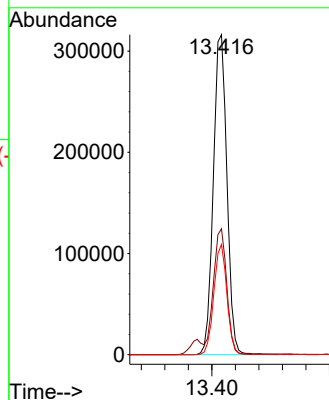
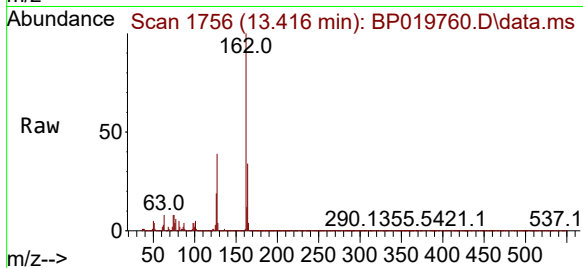
Tgt Ion:162 Resp: 507545

Ion Ratio Lower Upper

162 100

127 39.4 32.1 48.1

164 34.5 26.7 40.1



#48

2-Nitroaniline

Concen: 46.519 ng

RT: 13.628 min Scan# 1792

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

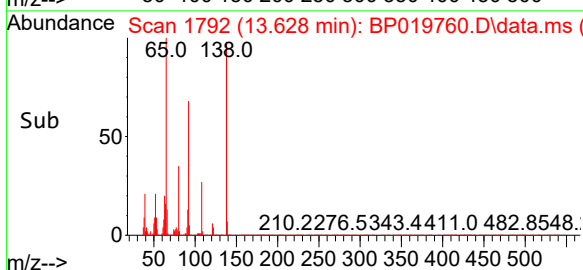
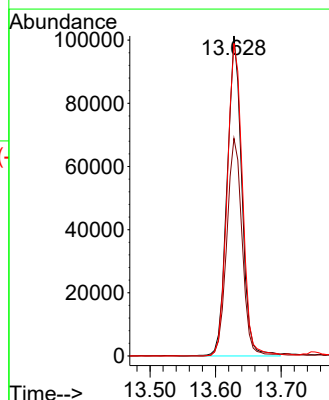
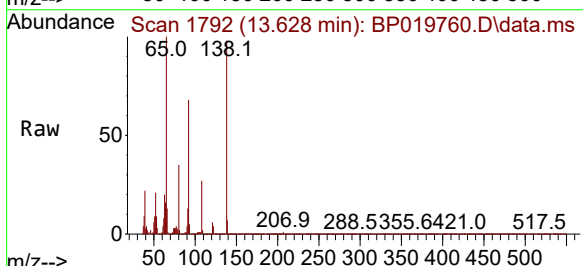
Tgt Ion: 65 Resp: 157382

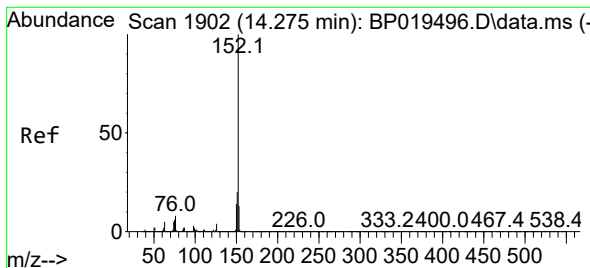
Ion Ratio Lower Upper

65 100

92 68.0 54.7 82.1

138 97.7 77.8 116.6





#49

Acenaphthylene

Concen: 48.241 ng

RT: 14.257 min Scan# 1899

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

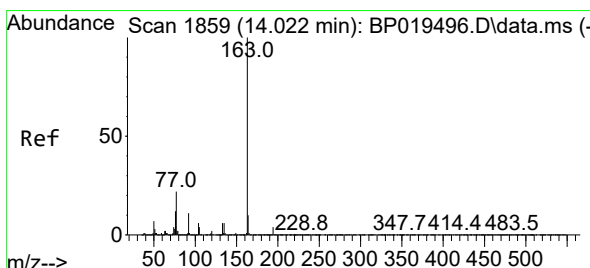
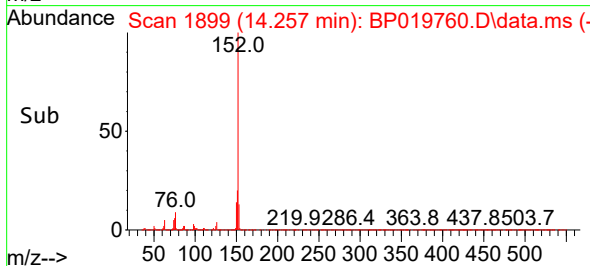
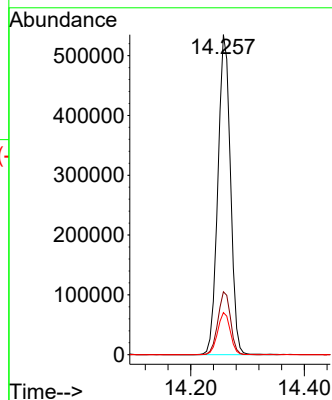
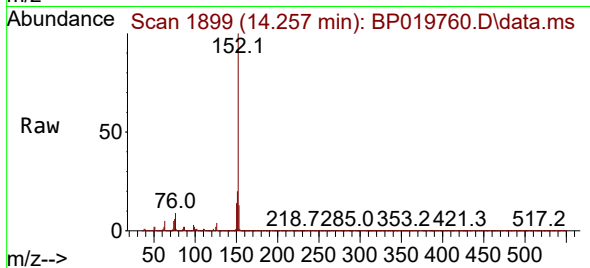
Tgt Ion:152 Resp: 818883

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 47.379 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

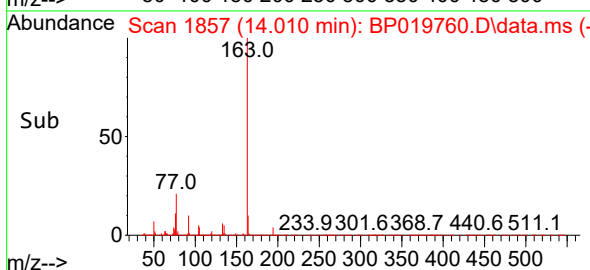
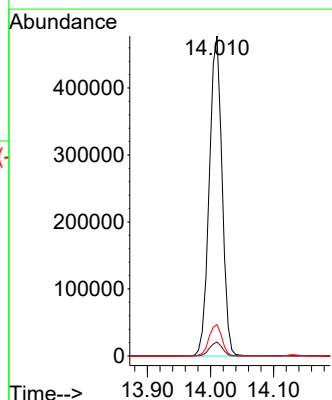
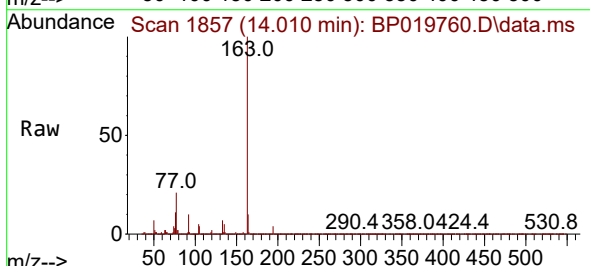
Tgt Ion:163 Resp: 669803

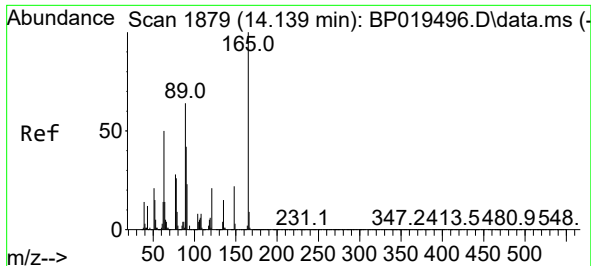
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.8 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 47.026 ng

RT: 14.134 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

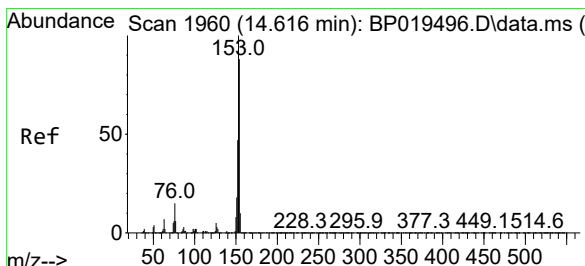
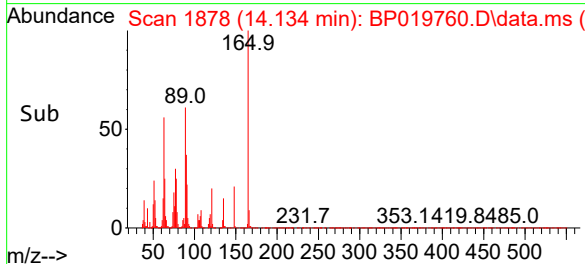
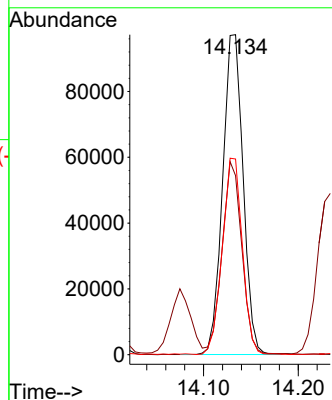
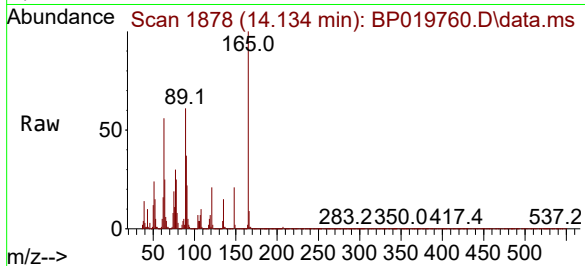
Tgt Ion:165 Resp: 146064

Ion Ratio Lower Upper

165 100

63 55.9 50.4 75.6

89 61.2 51.7 77.5



#52

Acenaphthene

Concen: 43.736 ng

RT: 14.598 min Scan# 1957

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

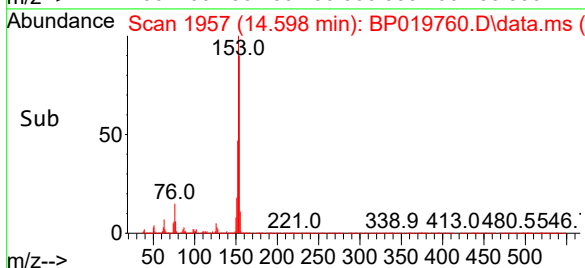
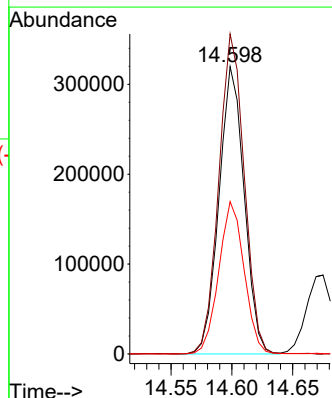
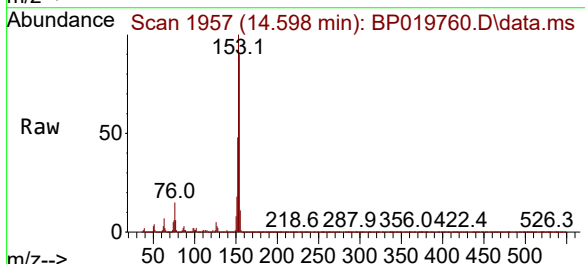
Tgt Ion:154 Resp: 460778

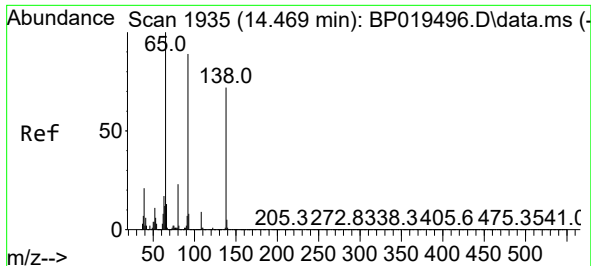
Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

152 53.0 42.1 63.1

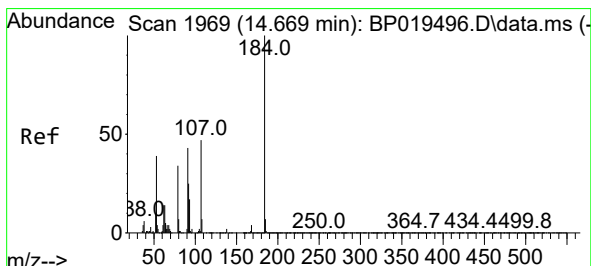
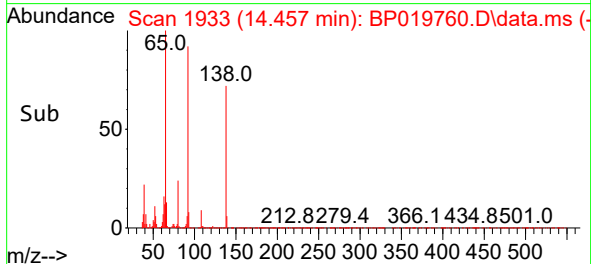
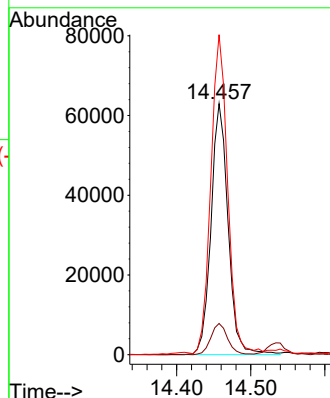
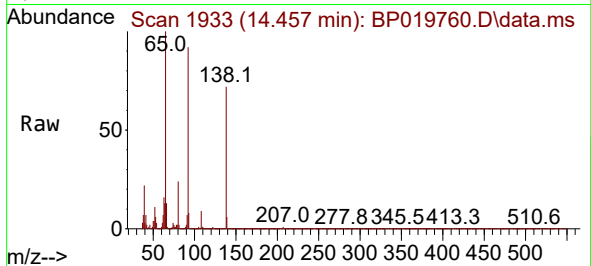




#53
3-Nitroaniline
Concen: 35.275 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

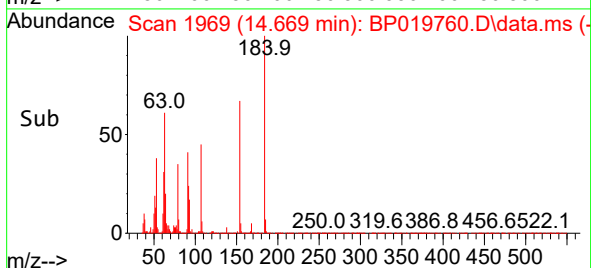
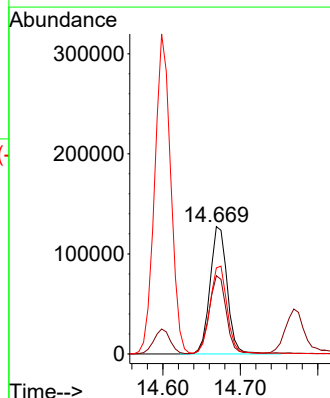
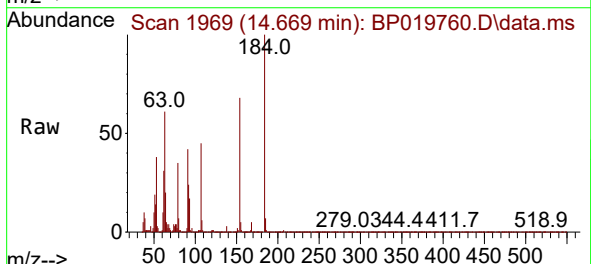
Instrument :
BNA_P
ClientSampleId :
PB159072BS

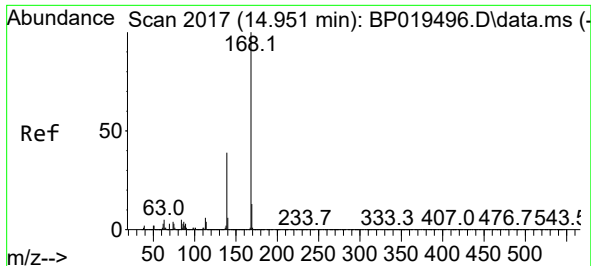
Tgt Ion:138 Resp: 100691
Ion Ratio Lower Upper
138 100
108 12.5 9.7 14.5
92 127.5 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 122.371 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:184 Resp: 197345
Ion Ratio Lower Upper
184 100
63 61.4 50.5 75.7
154 67.5 53.4 80.0

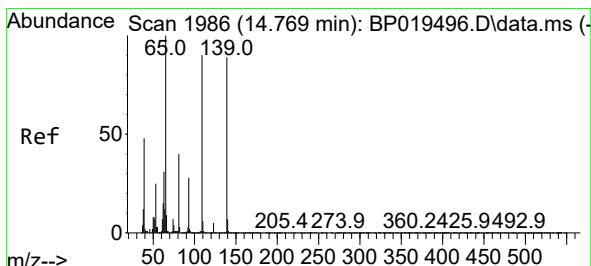
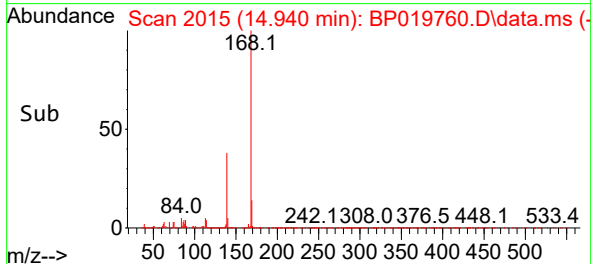
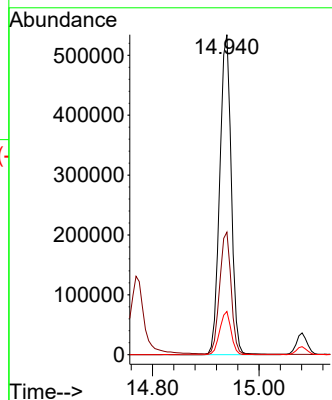
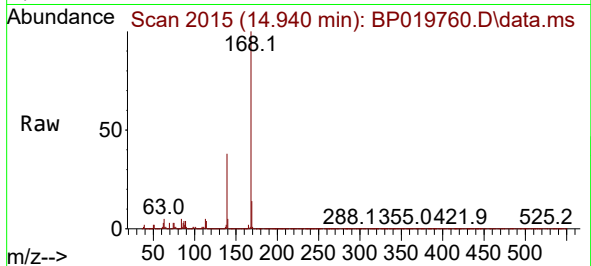




#55
Dibenzenofuran
Concen: 46.530 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

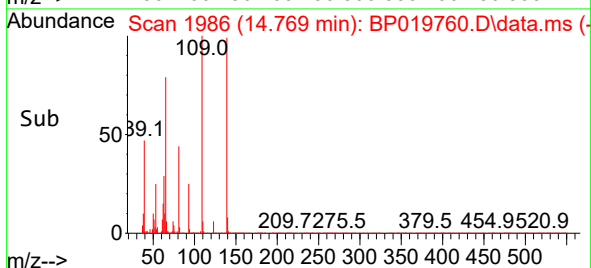
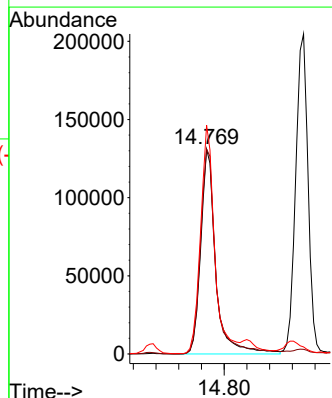
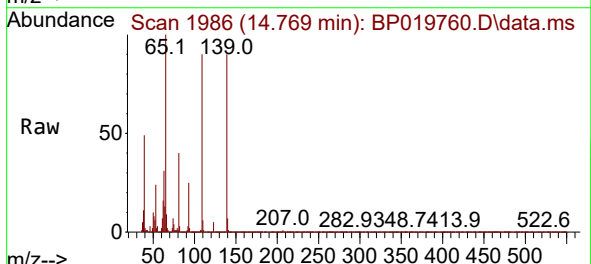
Instrument :
BNA_P
ClientSampleId :
PB159072BS

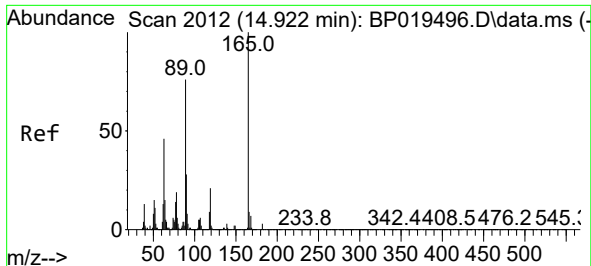
Tgt Ion:168 Resp: 798404
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 102.543 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:139 Resp: 239910
Ion Ratio Lower Upper
139 100
109 100.0 82.0 122.0
65 111.7 92.9 132.9





#57

2,4-Dinitrotoluene

Concen: 51.609 ng

RT: 14.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

Tgt Ion:165 Resp: 210063

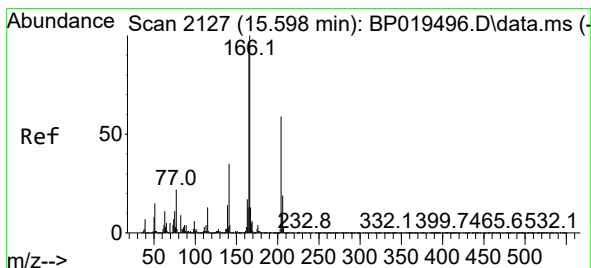
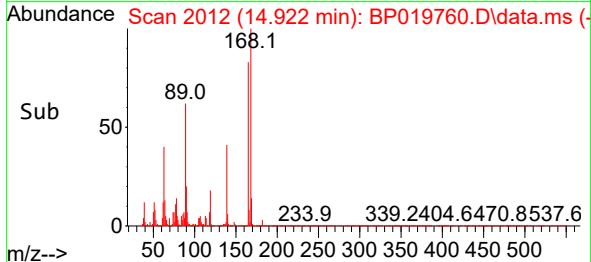
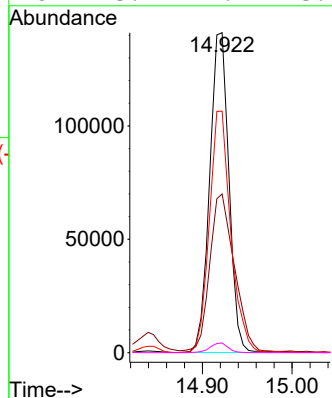
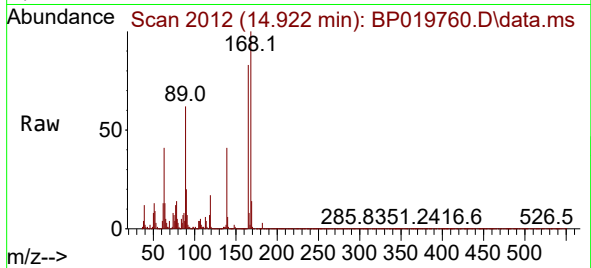
Ion Ratio Lower Upper

165 100

63 49.6 36.9 55.3

89 75.5 61.1 91.7

182 3.1 2.2 3.2



#58

Fluorene

Concen: 47.160 ng

RT: 15.587 min Scan# 2125

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

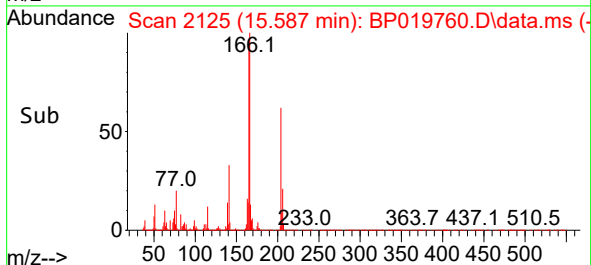
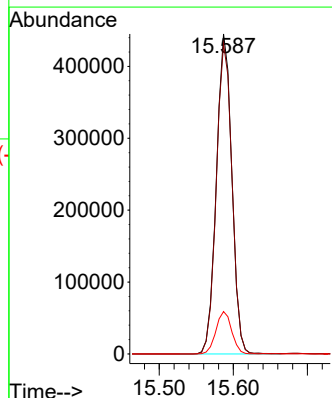
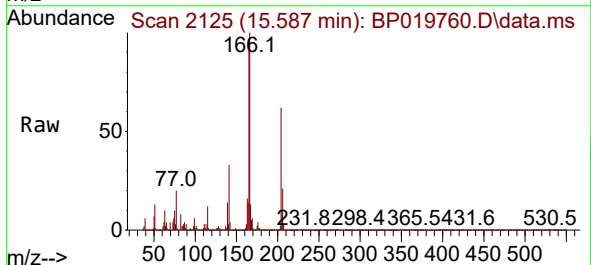
Tgt Ion:166 Resp: 644526

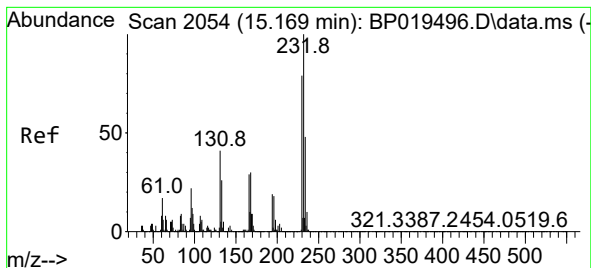
Ion Ratio Lower Upper

166 100

165 96.9 77.8 116.8

167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.058 ng

RT: 15.163 min Scan# 2054

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

Tgt Ion:232 Resp: 223292

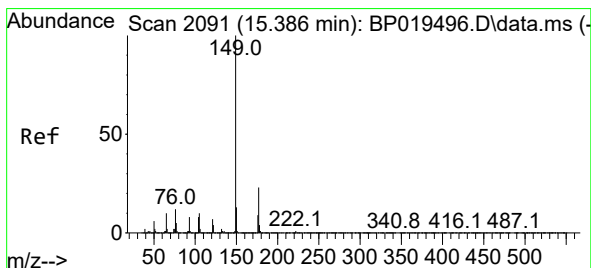
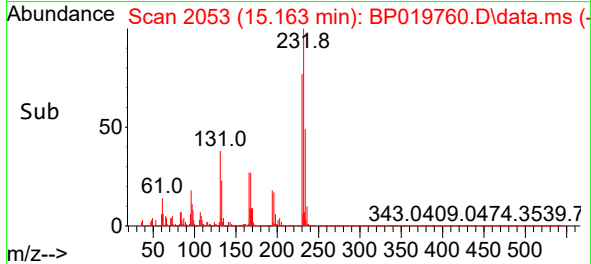
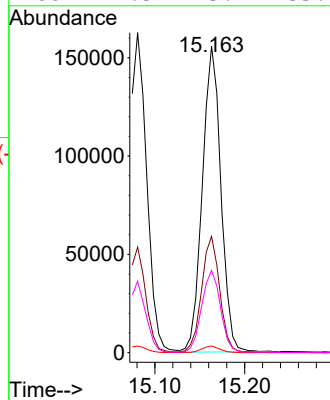
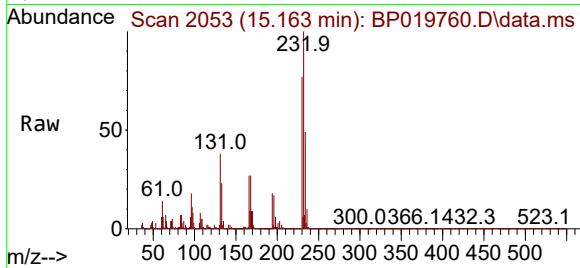
Ion Ratio Lower Upper

232 100

131 36.9 32.4 48.6

130 2.1 1.9 2.9

166 27.5 23.4 35.2



#60

Diethylphthalate

Concen: 47.228 ng

RT: 15.369 min Scan# 2088

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

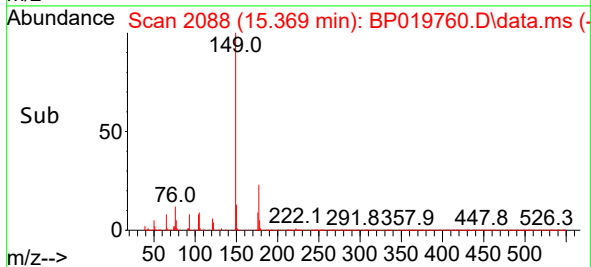
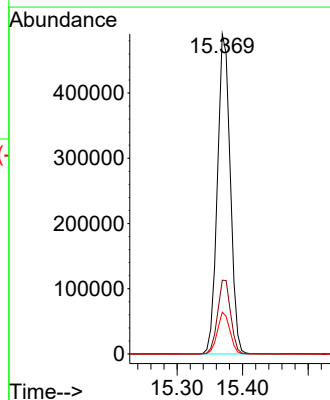
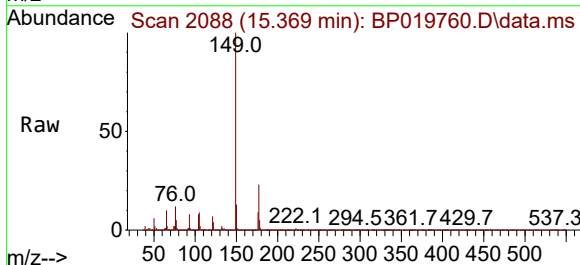
Tgt Ion:149 Resp: 664105

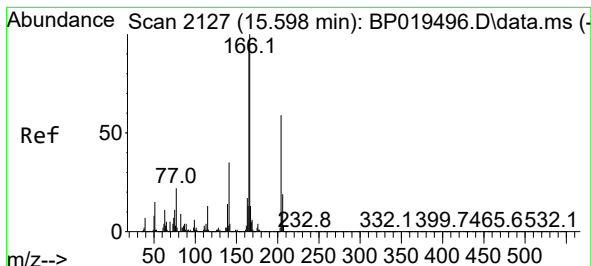
Ion Ratio Lower Upper

149 100

177 23.0 18.2 27.2

150 13.1 10.2 15.4

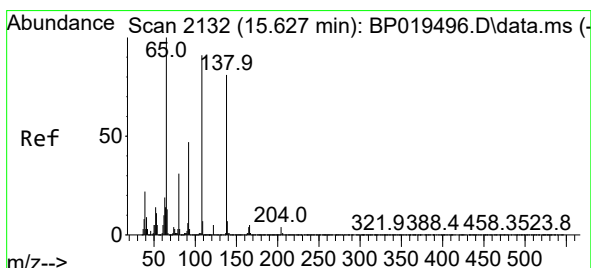
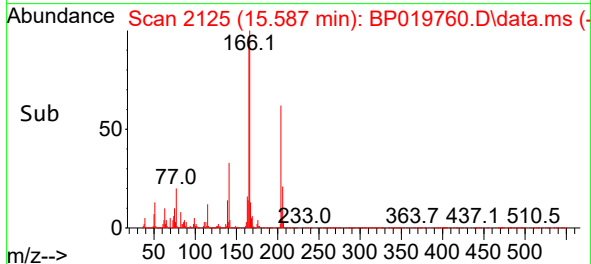
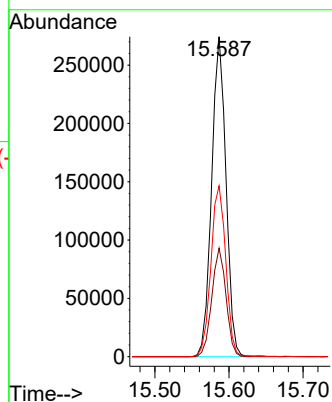
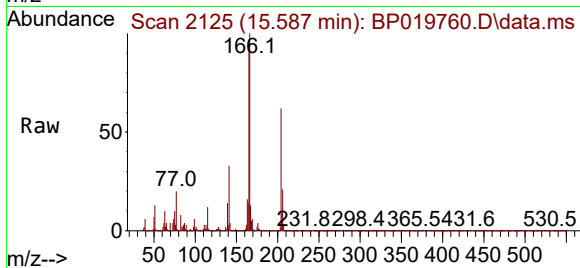




#61
4-Chlorophenyl-phenylether
Concen: 48.008 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

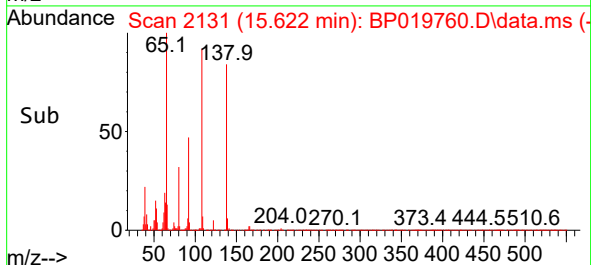
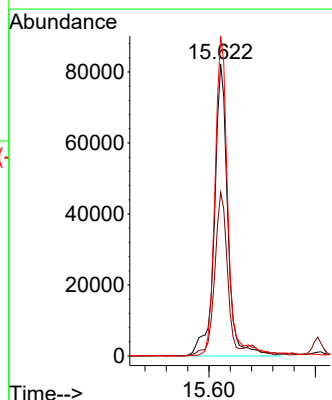
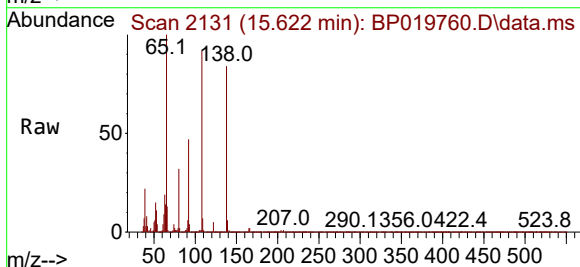
Instrument :
BNA_P
ClientSampleId :
PB159072BS

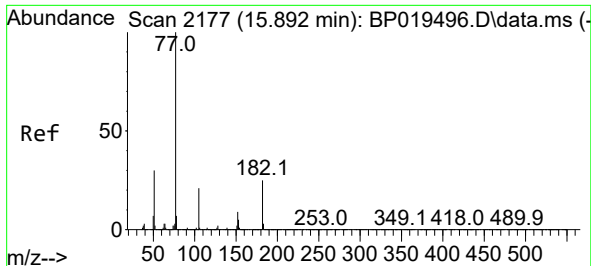
Tgt Ion:204 Resp: 368770
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 53.4 48.5 72.7



#62
4-Nitroaniline
Concen: 48.155 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:138 Resp: 144078
Ion Ratio Lower Upper
138 100
92 56.2 38.3 78.3
108 109.7 91.2 131.2

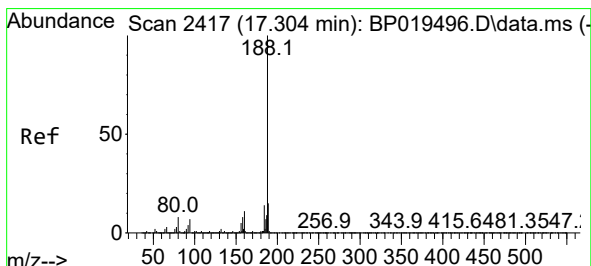
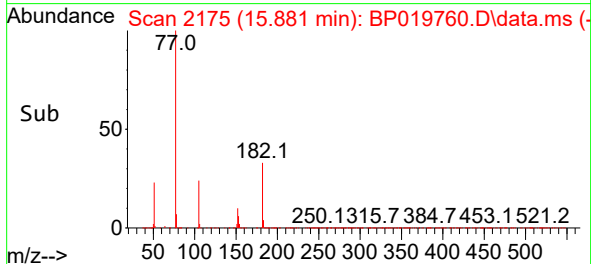
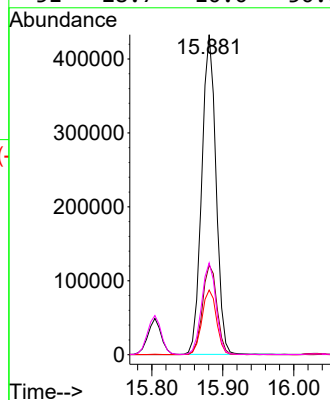
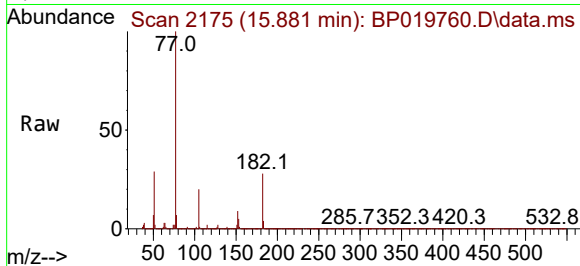




#63
Azobenzene
Concen: 44.433 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

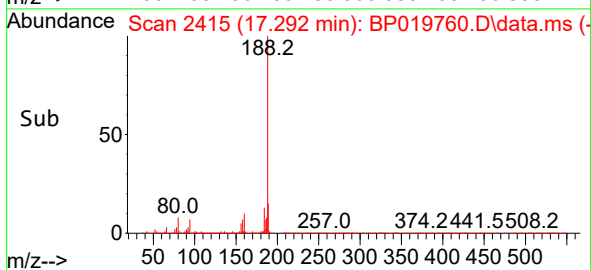
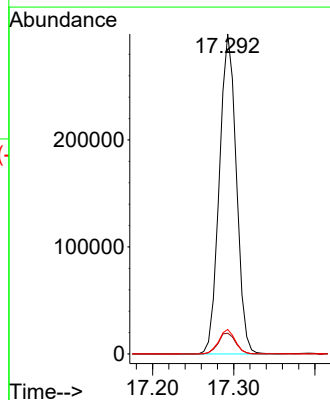
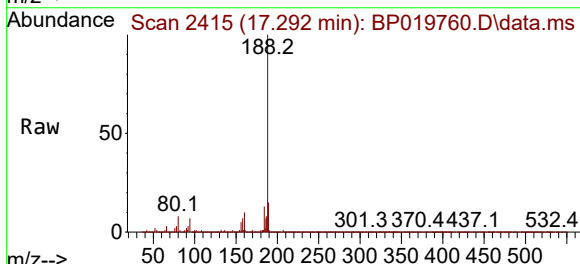
Instrument :
BNA_P
ClientSampleId :
PB159072BS

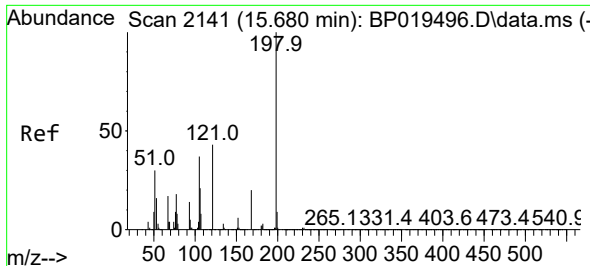
Tgt Ion: 77 Resp: 604188
Ion Ratio Lower Upper
77 100
182 28.0 5.1 45.1
105 20.2 0.8 40.8
51 28.7 10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion: 188 Resp: 436113
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.7 6.3 9.5

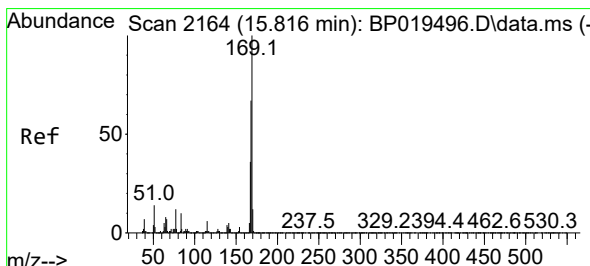
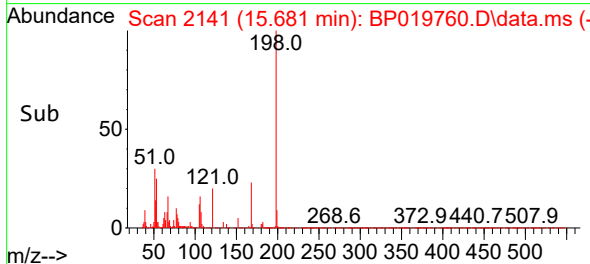
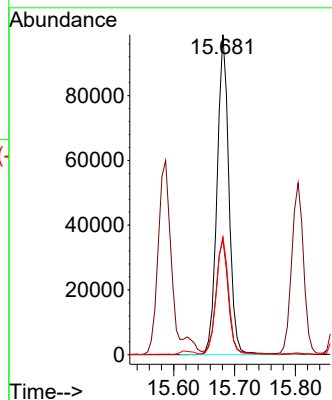
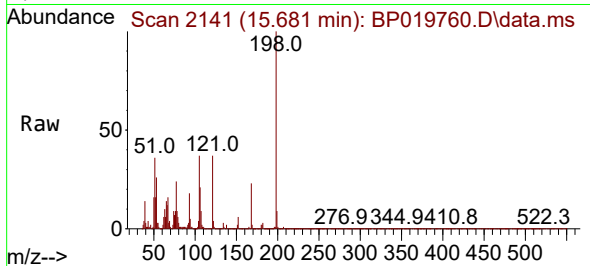




#65
4,6-Dinitro-2-methylphenol
Concen: 53.492 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

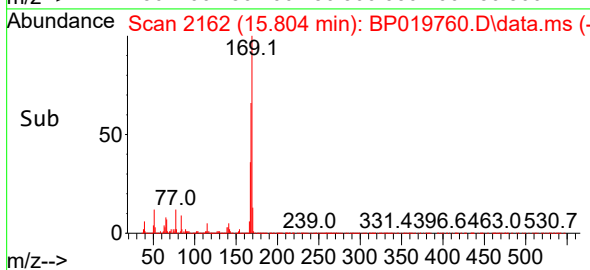
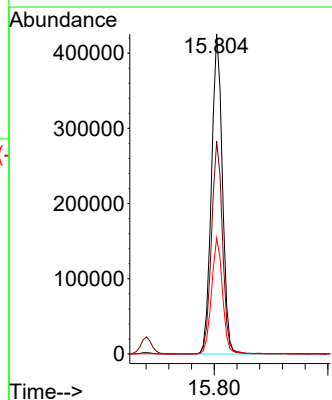
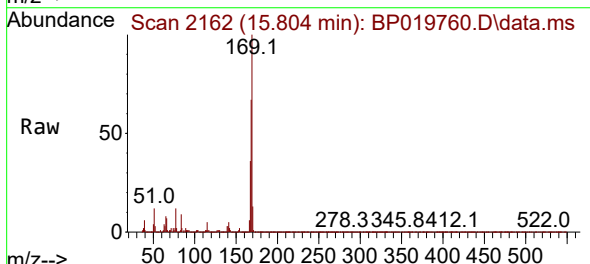
Instrument :
BNA_P
ClientSampleId :
PB159072BS

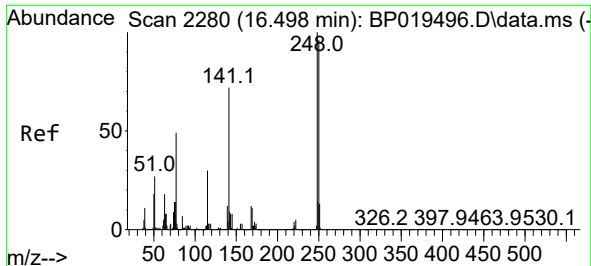
Tgt Ion:198 Resp: 133021
Ion Ratio Lower Upper
198 100
51 36.0 21.2 61.2
105 36.9 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 43.342 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:169 Resp: 566101
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.2 28.9 43.3

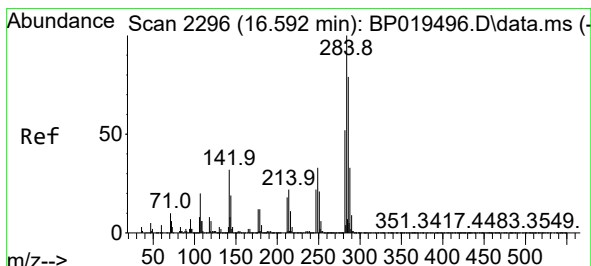
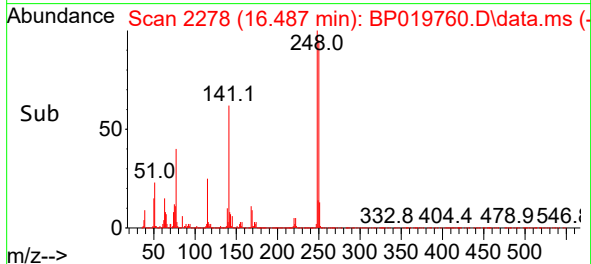
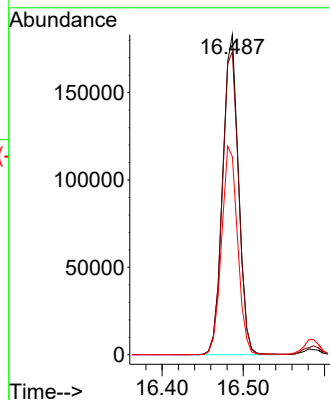
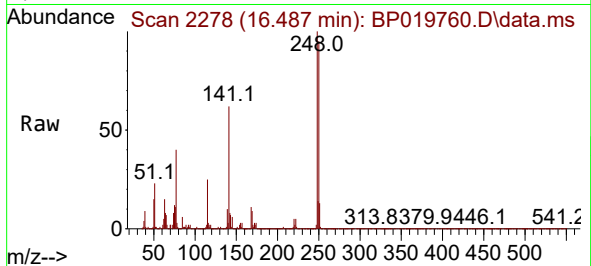




#67
4-Bromophenyl-phenylether
Concen: 45.569 ng
RT: 16.487 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

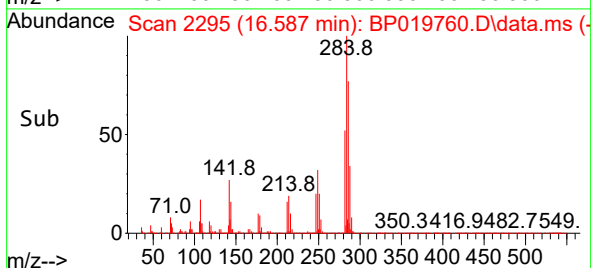
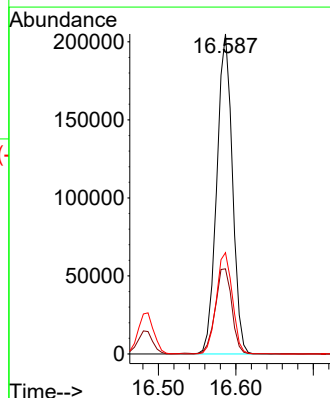
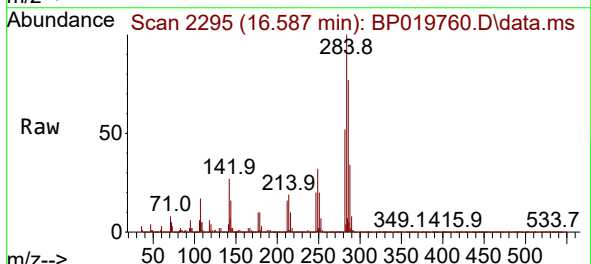
Instrument :
BNA_P
ClientSampleId :
PB159072BS

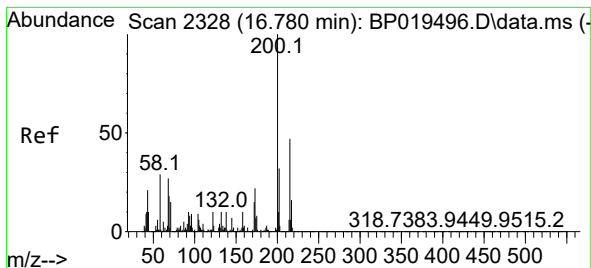
Tgt Ion:248 Resp: 248440
Ion Ratio Lower Upper
248 100
250 94.7 76.9 115.3
141 61.9 58.0 87.0



#68
Hexachlorobenzene
Concen: 45.070 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:284 Resp: 286943
Ion Ratio Lower Upper
284 100
142 26.6 25.4 38.2
249 31.7 26.5 39.7





#69

Atrazine

Concen: 50.272 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

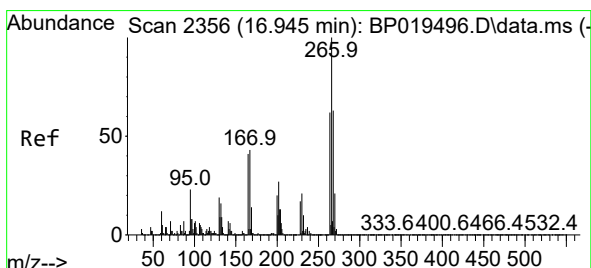
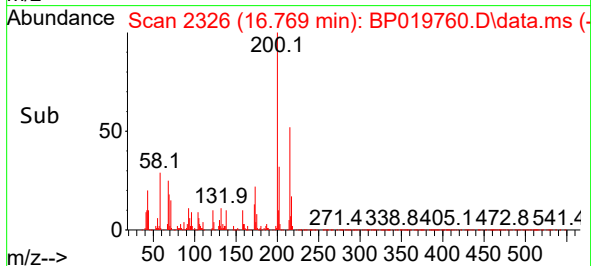
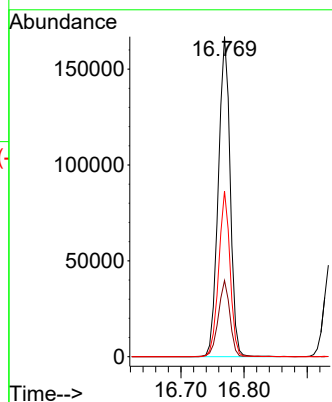
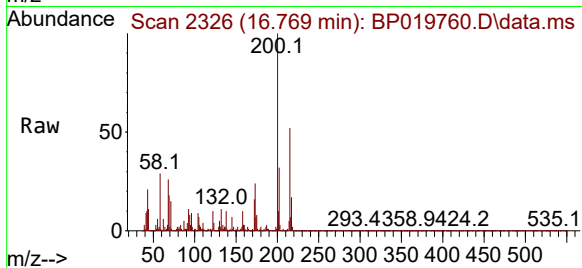
Tgt Ion:200 Resp: 217883

Ion Ratio Lower Upper

200 100

173 23.8 1.7 41.7

215 51.7 26.9 66.9



#70

Pentachlorophenol

Concen: 100.985 ng

RT: 16.940 min Scan# 2355

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

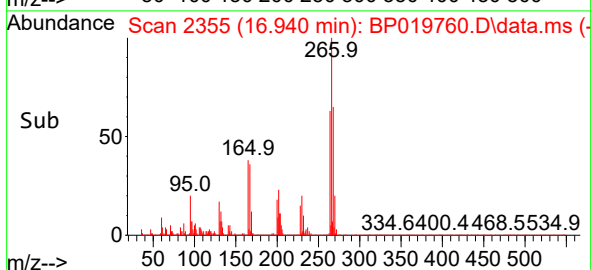
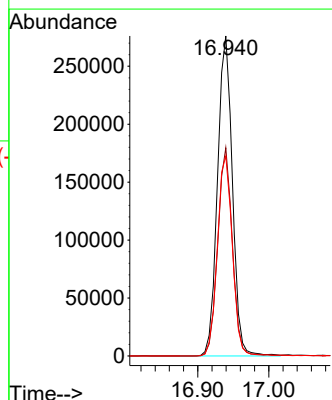
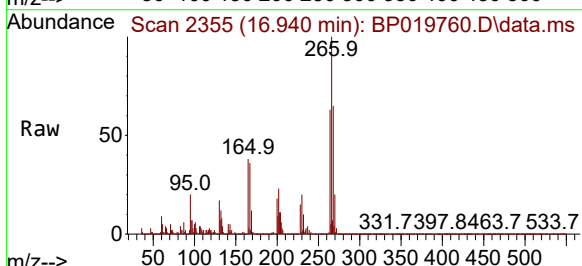
Tgt Ion:266 Resp: 400382

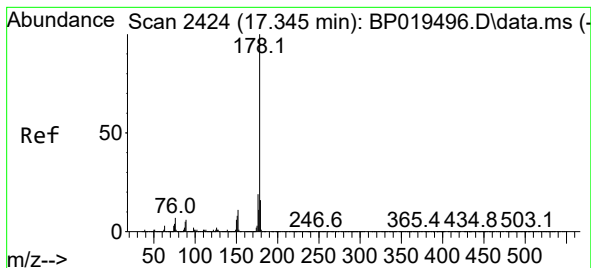
Ion Ratio Lower Upper

266 100

268 65.1 50.3 75.5

264 62.5 49.7 74.5





#71

Phenanthrene

Concen: 45.731 ng

RT: 17.334 min Scan# 2422

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

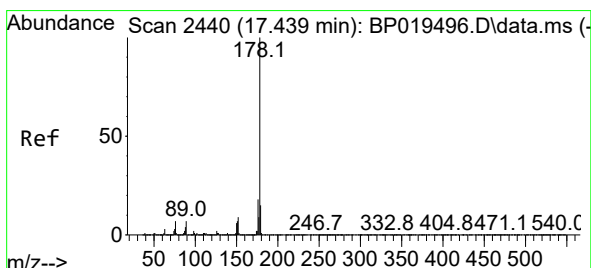
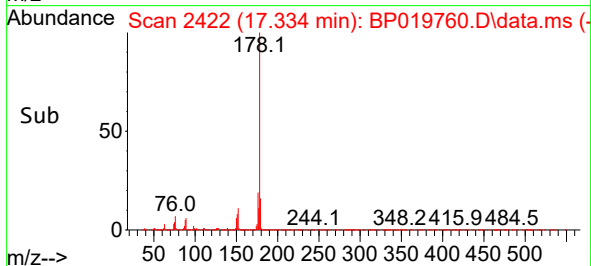
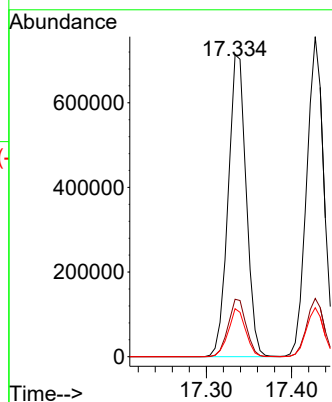
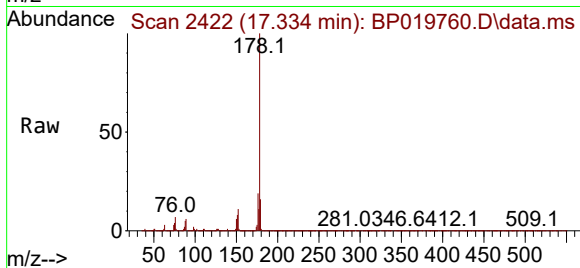
Tgt Ion:178 Resp: 1049580

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.9 12.6 19.0



#72

Anthracene

Concen: 46.210 ng

RT: 17.428 min Scan# 2438

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

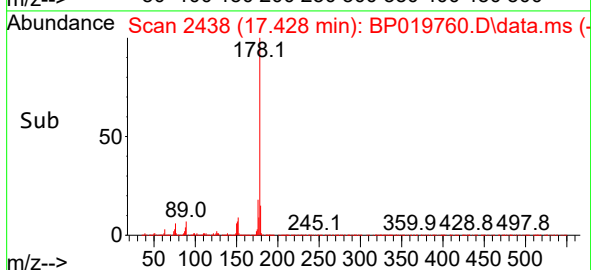
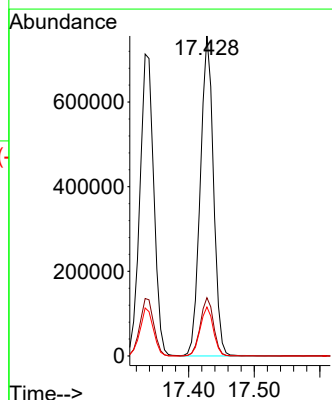
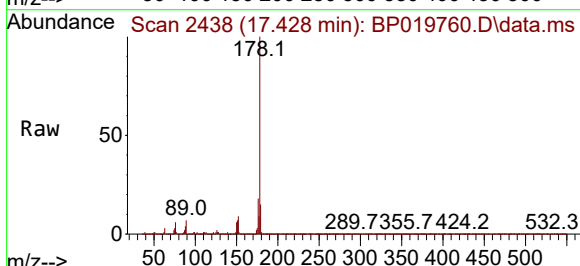
Tgt Ion:178 Resp: 1057991

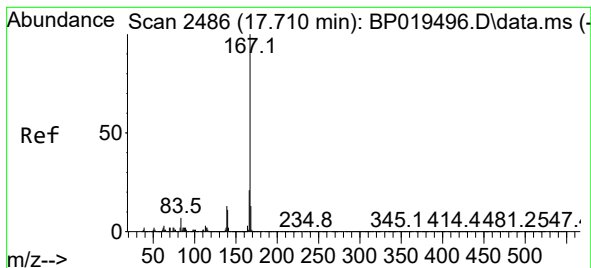
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.3 12.2 18.2





#73

Carbazole

Concen: 45.257 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

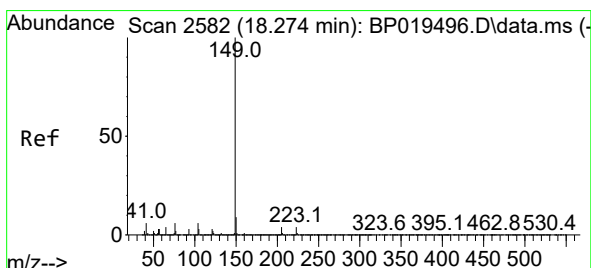
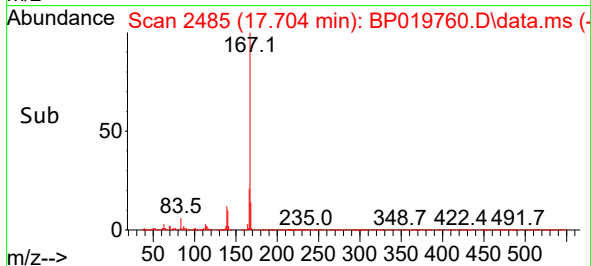
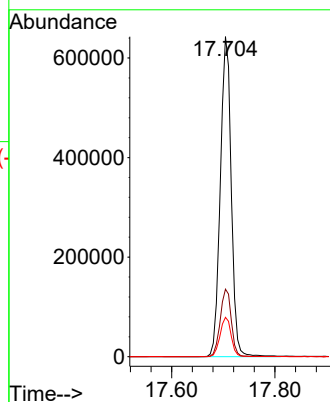
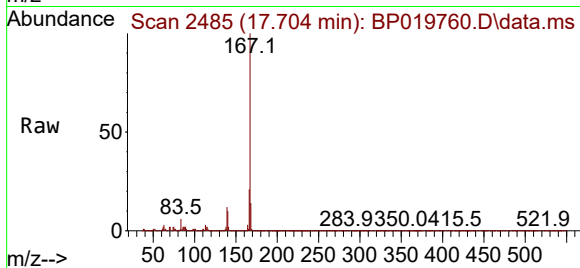
Tgt Ion:167 Resp: 941299

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 12.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 45.123 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

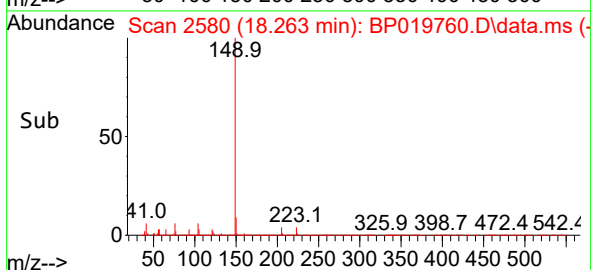
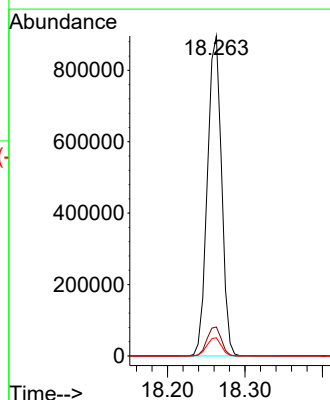
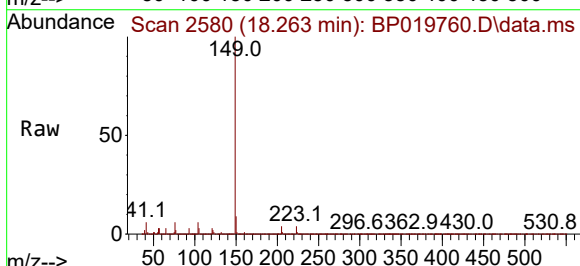
Tgt Ion:149 Resp: 1134774

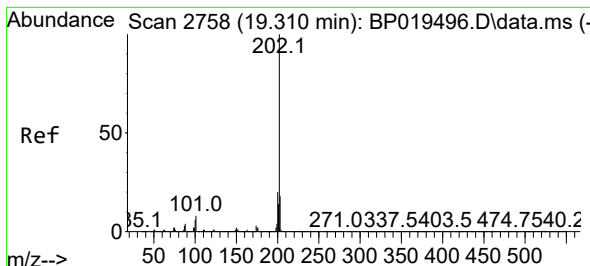
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.7 4.8 7.2





#75

Fluoranthene

Concen: 47.060 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

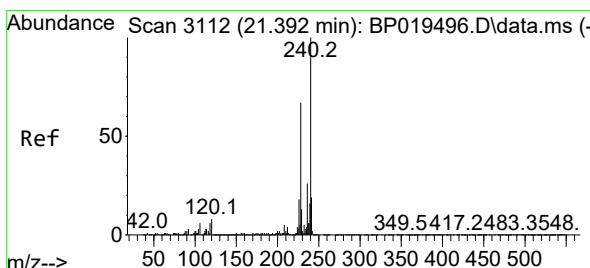
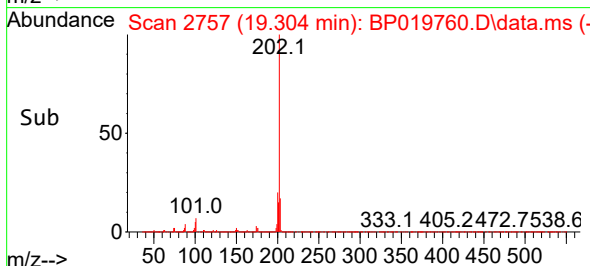
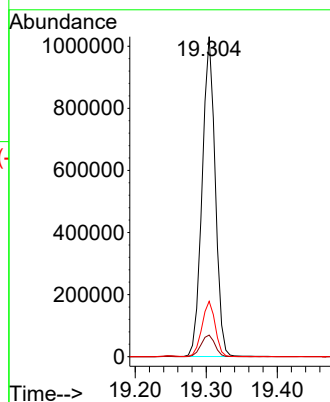
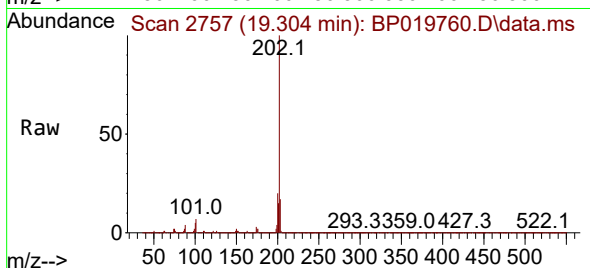
Tgt Ion:202 Resp: 1319438

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

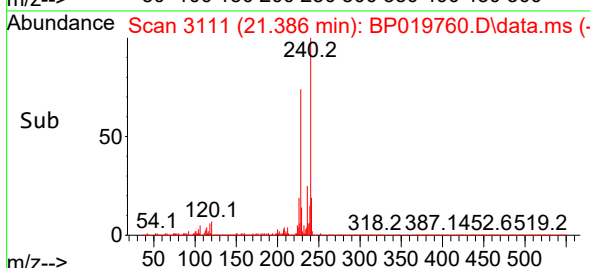
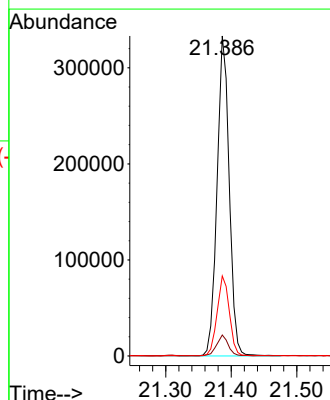
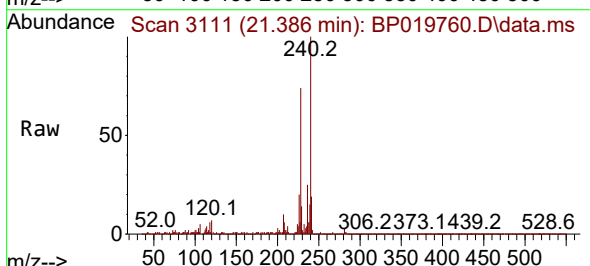
Tgt Ion:240 Resp: 427285

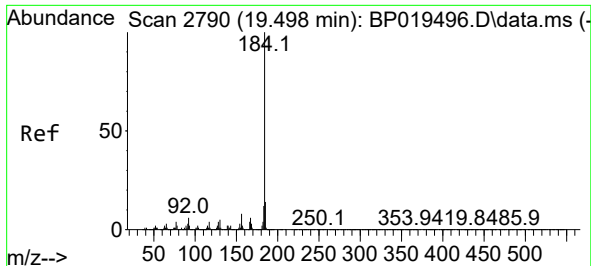
Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.0 20.7 31.1

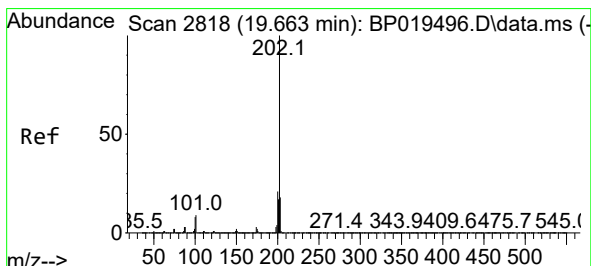
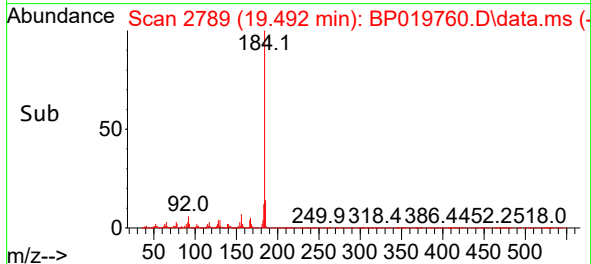
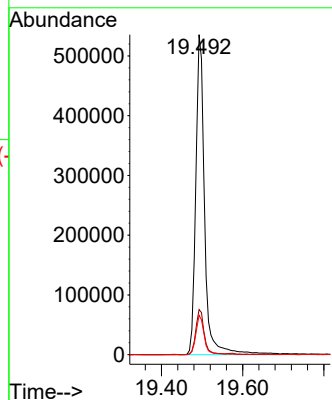
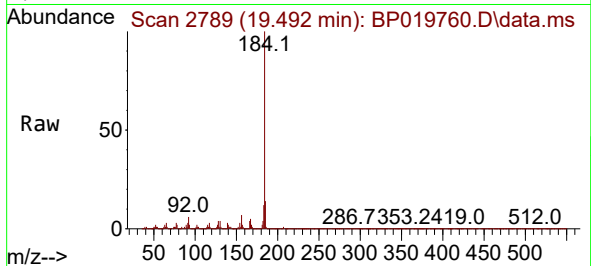




#77
Benzidine
Concen: 91.004 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

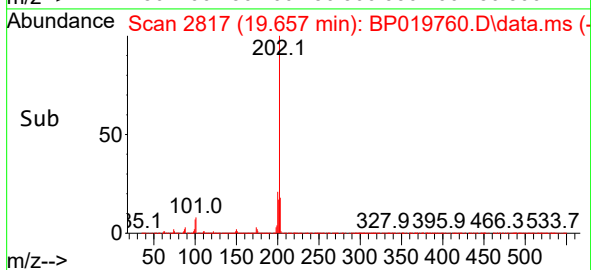
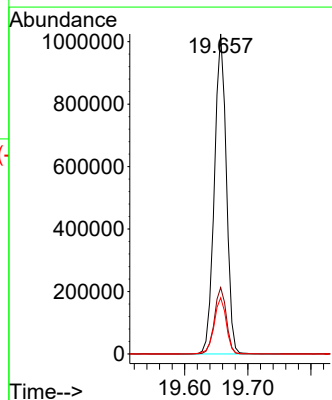
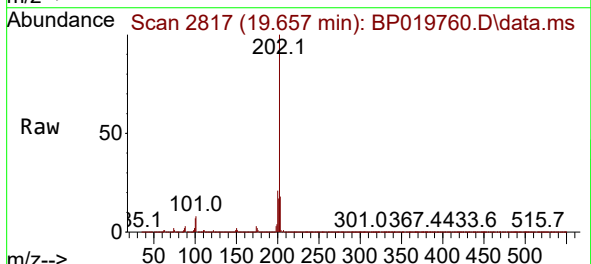
Instrument :
BNA_P
ClientSampleId :
PB159072BS

Tgt Ion:184 Resp: 812946
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 12.3 9.7 14.5



#78
Pyrene
Concen: 44.531 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:202 Resp: 1342874
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 91.779 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

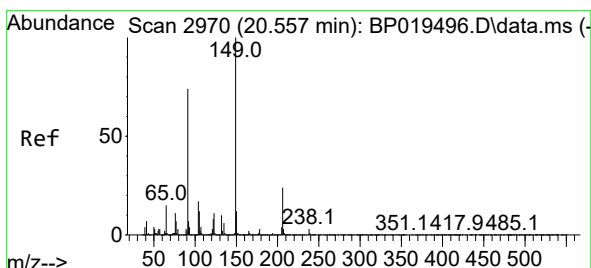
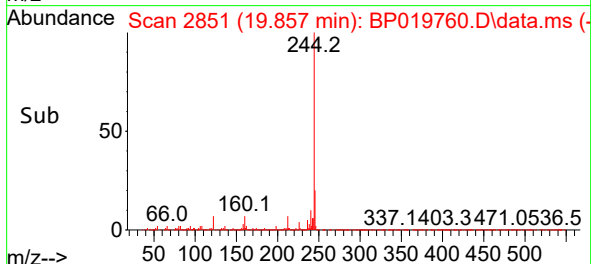
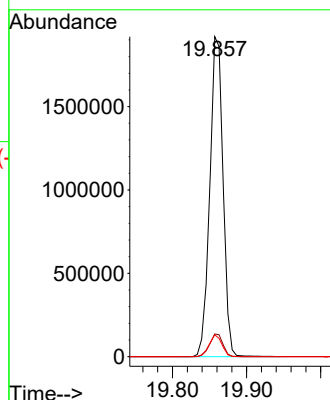
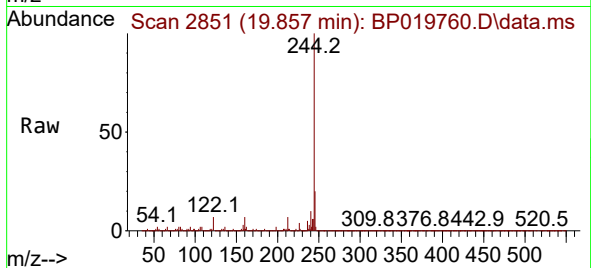
Tgt Ion:244 Resp: 2384604

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.9 5.9 8.9



#80

Butylbenzylphthalate

Concen: 45.631 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

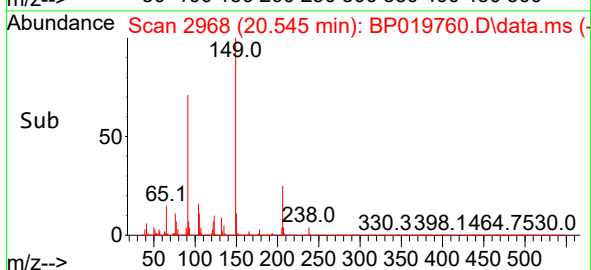
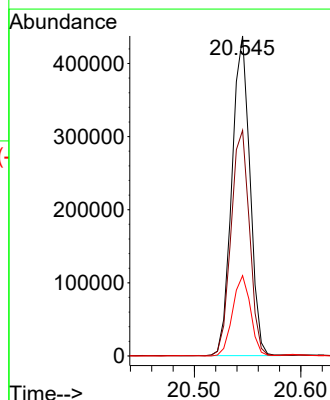
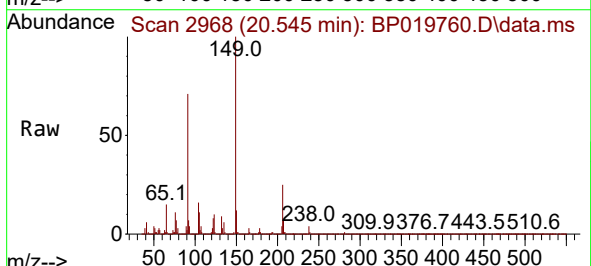
Tgt Ion:149 Resp: 513876

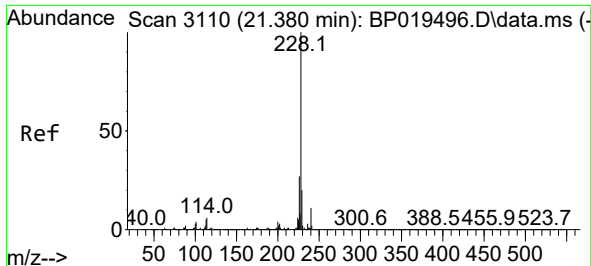
Ion Ratio Lower Upper

149 100

91 70.5 59.4 89.0

206 25.1 19.0 28.6

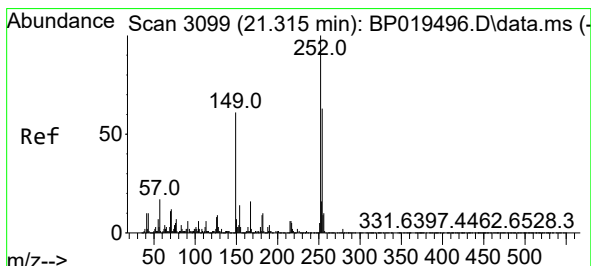
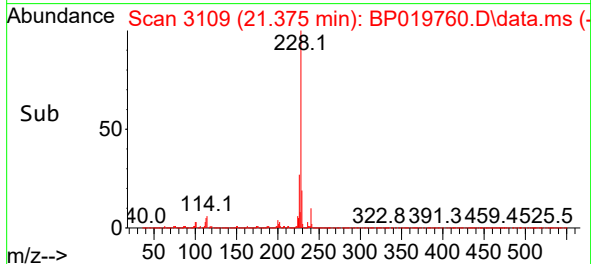
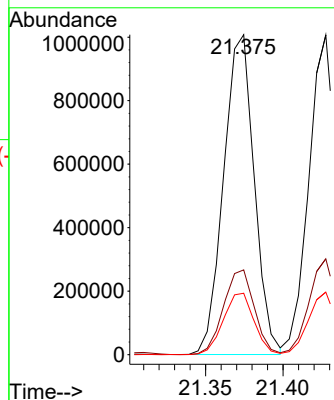
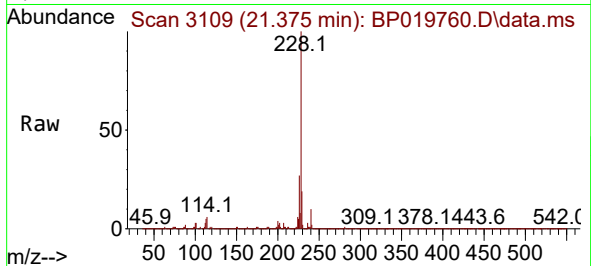




#81
Benzo(a)anthracene
Concen: 46.081 ng
RT: 21.375 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

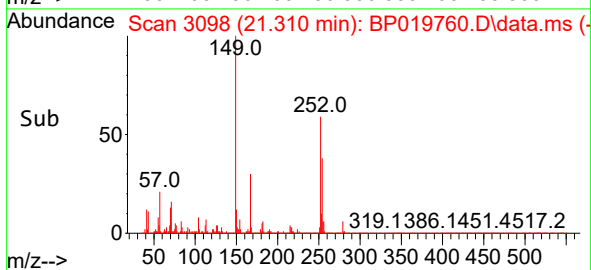
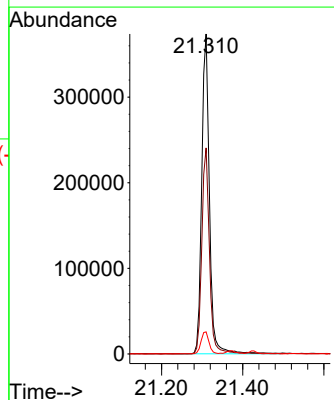
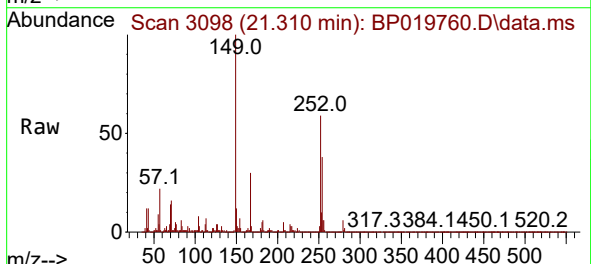
Instrument :
BNA_P
ClientSampleId :
PB159072BS

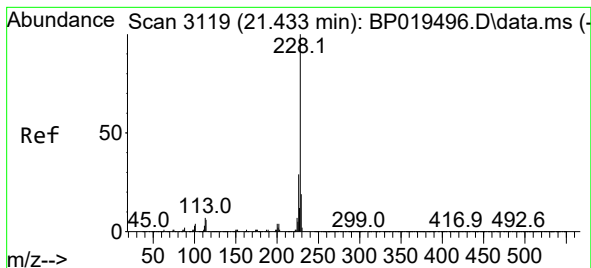
Tgt Ion:228 Resp: 1386017
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 44.932 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:252 Resp: 492468
Ion Ratio Lower Upper
252 100
254 64.4 50.7 76.1
126 6.9 6.4 9.6





#83

Chrysene

Concen: 45.355 ng

RT: 21.428 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

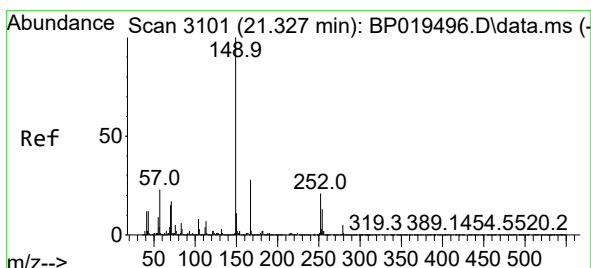
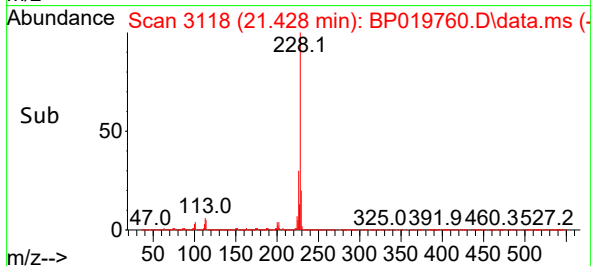
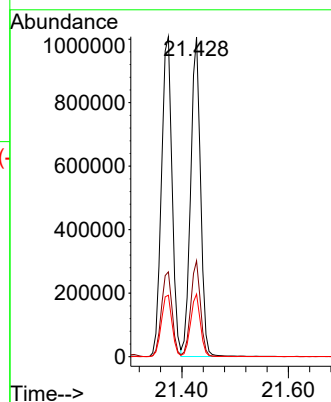
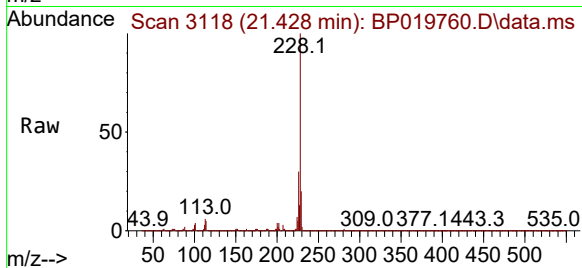
Tgt Ion:228 Resp: 1295151

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.550 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

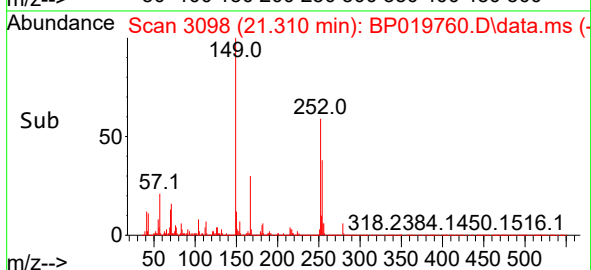
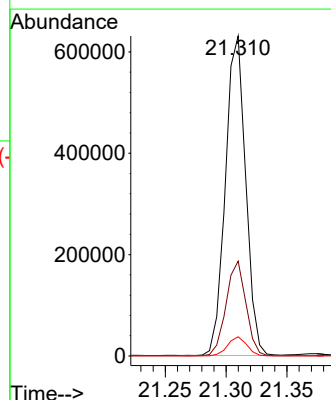
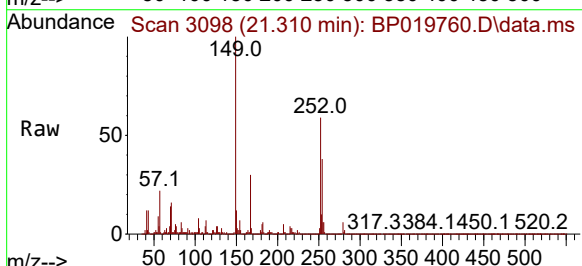
Tgt Ion:149 Resp: 729675

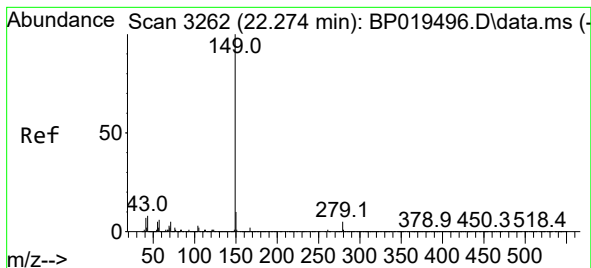
Ion Ratio Lower Upper

149 100

167 29.7 22.7 34.1

279 6.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 41.885 ng

RT: 22.251 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

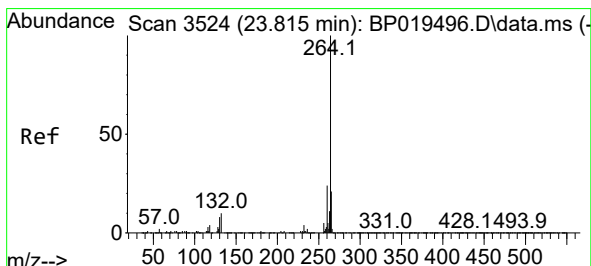
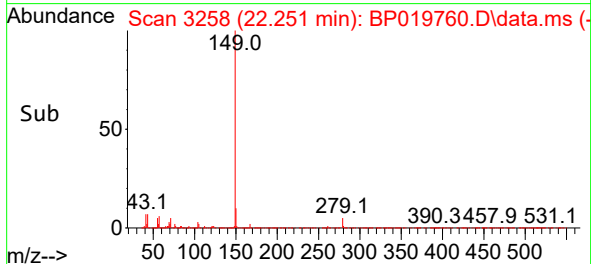
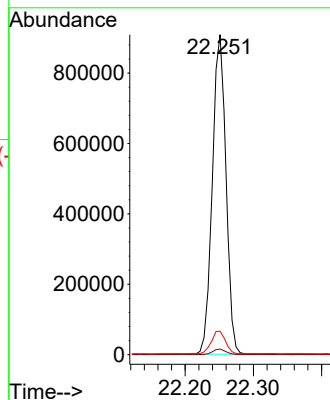
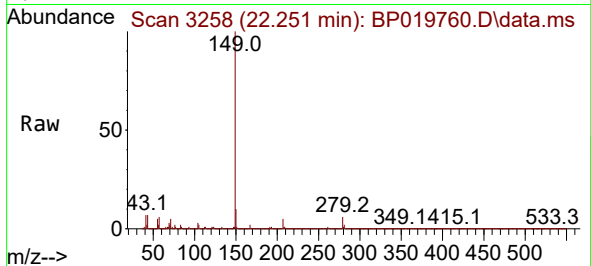
Tgt Ion:149 Resp: 1263737

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

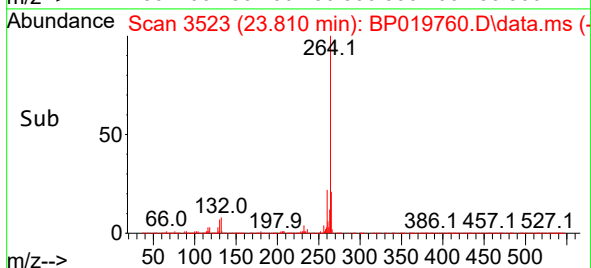
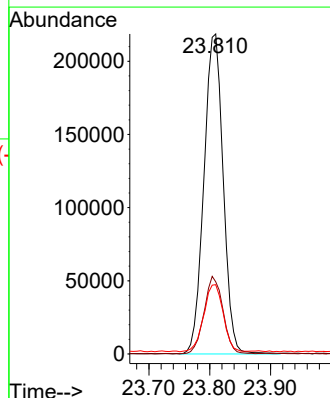
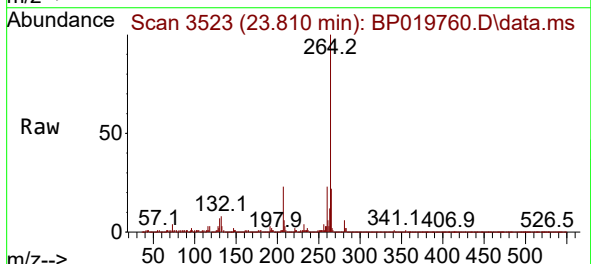
Tgt Ion:264 Resp: 481707

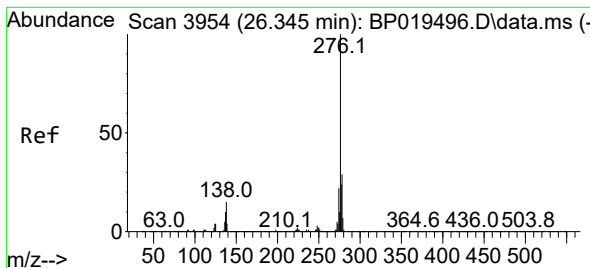
Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.236 ng

RT: 26.351 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

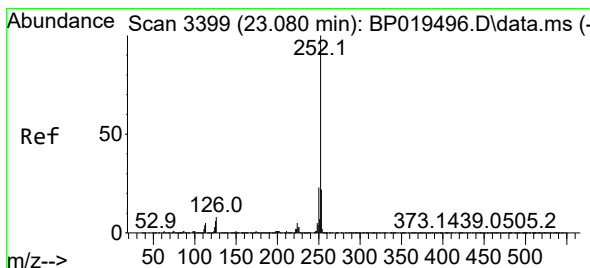
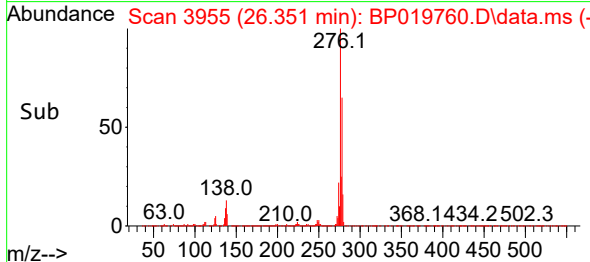
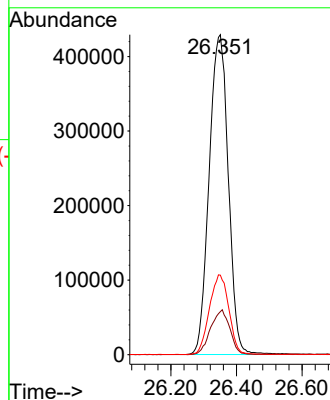
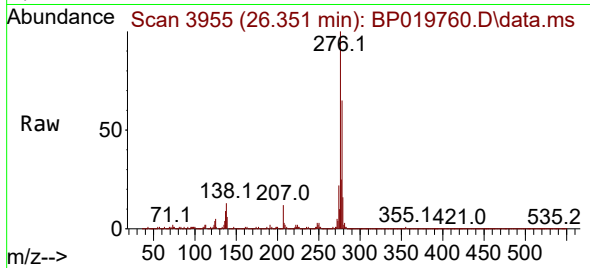
Tgt Ion:276 Resp: 1741746

Ion Ratio Lower Upper

276 100

138 14.1 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.003 ng

RT: 23.069 min Scan# 3397

Delta R.T. -0.011 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

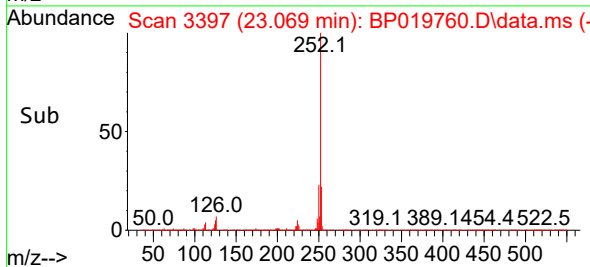
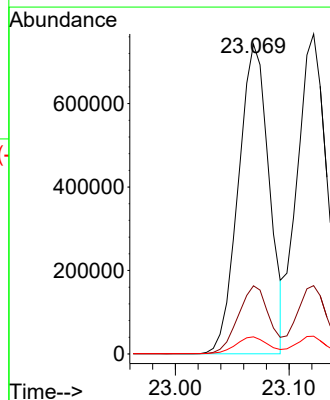
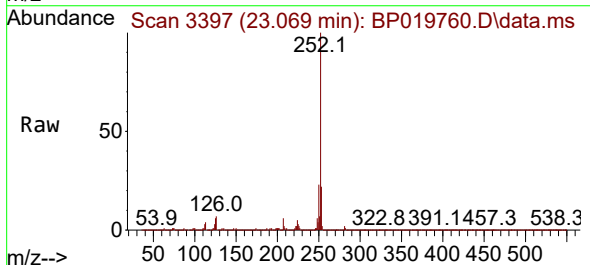
Tgt Ion:252 Resp: 1396637

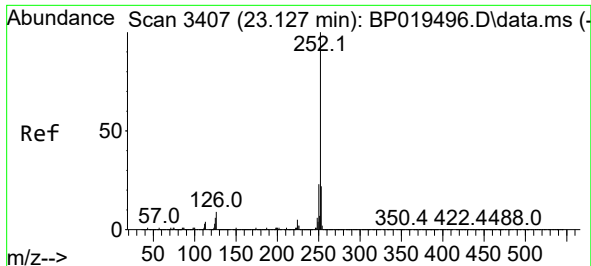
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 5.5 4.9 7.3

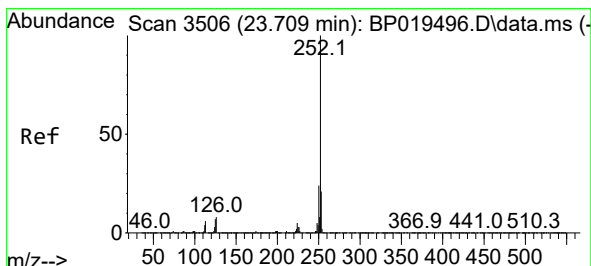
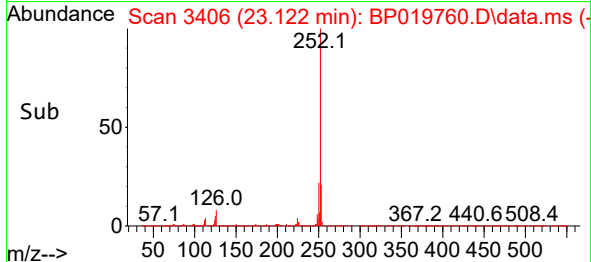
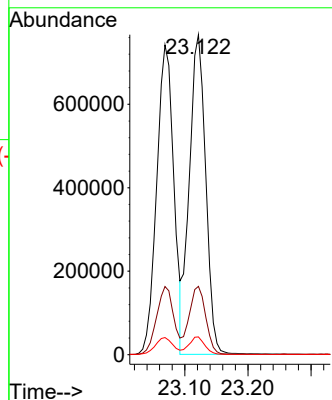
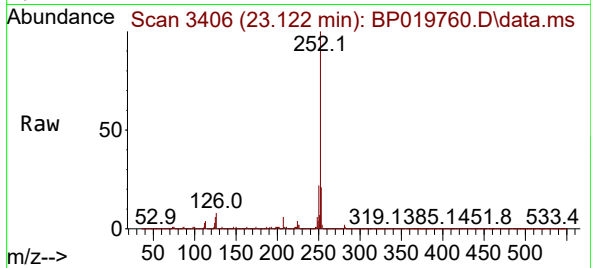




#89
Benzo(k)fluoranthene
Concen: 47.668 ng
RT: 23.122 min Scan# 3407
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

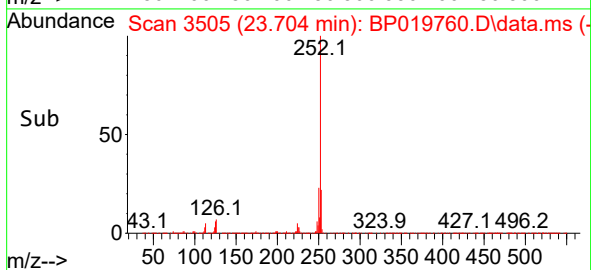
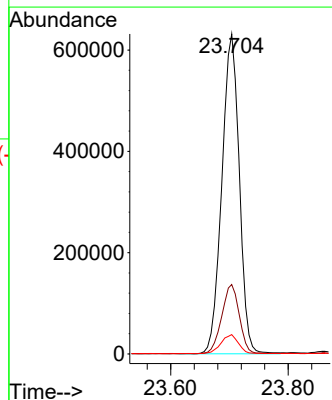
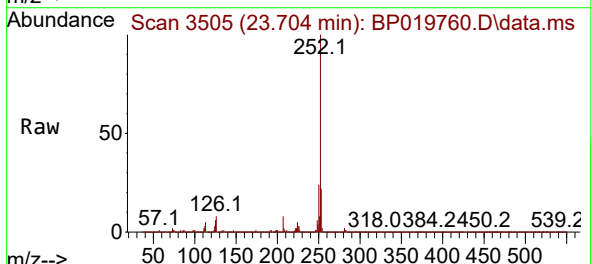
Instrument :
BNA_P
ClientSampleId :
PB159072BS

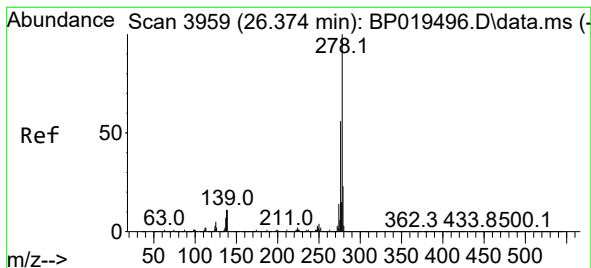
Tgt Ion:252 Resp: 1382417
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 5.6 5.0 7.6



#90
Benzo(a)pyrene
Concen: 48.091 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.005 min
Lab File: BP019760.D
Acq: 19 Feb 2024 13:24

Tgt Ion:252 Resp: 1299100
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 6.0 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 48.156 ng

RT: 26.368 min Scan# 3959

Delta R.T. -0.005 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Instrument :

BNA_P

ClientSampleId :

PB159072BS

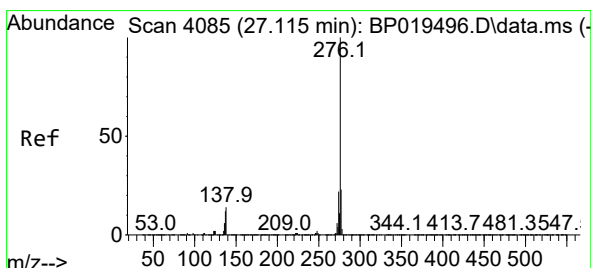
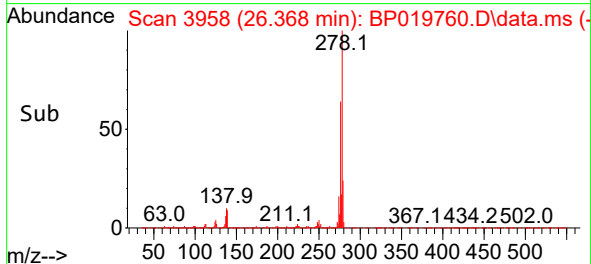
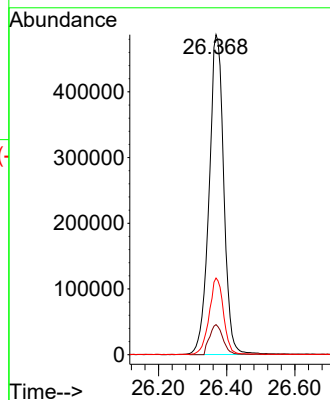
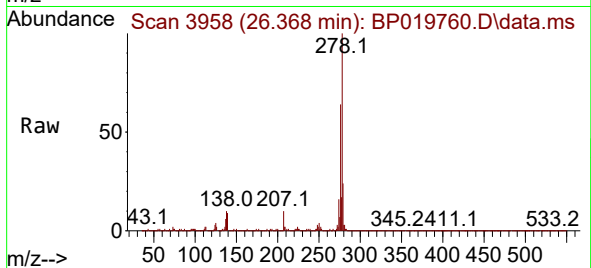
Tgt Ion:278 Resp: 1460391

Ion Ratio Lower Upper

278 100

139 9.4 8.6 12.8

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.075 ng

RT: 27.127 min Scan# 4087

Delta R.T. 0.012 min

Lab File: BP019760.D

Acq: 19 Feb 2024 13:24

Tgt Ion:276 Resp: 1386807

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 11.1 10.9 16.3

