

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016486.D
 Acq On : 03 Aug 2023 11:42
 Operator : MA/JU
 Sample : PB154495BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154495BS

Quant Time: Aug 03 12:12:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	392701	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1509428	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	827507	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	1662856	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1473705	20.000	ng	# 0.00
86) Perylene-d12	24.180	264	1635585	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3403528	141.394	ng	-0.02
7) Phenol-d6	7.216	99	4209669	127.590	ng	-0.01
23) Nitrobenzene-d5	9.269	82	2484762	92.150	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1375097	112.955	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	5174842	89.655	ng	-0.02
79) Terphenyl-d14	20.033	244	6869289	98.465	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	433338	46.158	ng	99
3) Pyridine	3.858	79	1163864	41.474	ng	99
4) n-Nitrosodimethylamine	3.781	42	505077	47.736	ng	98
6) Aniline	7.405	93	1301723	31.942	ng	99
8) 2-Chlorophenol	7.622	128	1277646	50.623	ng	96
9) Benzaldehyde	7.222	77	689602	47.207	ng	99
10) Phenol	7.240	94	1605068	50.094	ng	99
11) bis(2-Chloroethyl)ether	7.499	93	1241939	47.683	ng	99
12) 1,3-Dichlorobenzene	7.952	146	1378137	50.865	ng	98
13) 1,4-Dichlorobenzene	8.110	146	1414045	51.450	ng	99
14) 1,2-Dichlorobenzene	8.422	146	1340746	50.666	ng	99
15) Benzyl Alcohol	8.322	79	1078809	47.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.604	45	1417261	47.981	ng	100
17) 2-Methylphenol	8.505	107	1051212	45.524	ng	100
18) Hexachloroethane	9.146	117	507921	51.811	ng	93
19) n-Nitroso-di-n-propyla...	8.893	70	873770	42.273	ng	98
20) 3+4-Methylphenols	8.840	107	1398277	44.586	ng	99
22) Acetophenone	8.922	105	1825913	47.911	ng	# 100
24) Nitrobenzene	9.310	77	1356929	48.995	ng	97
25) Isophorone	9.828	82	2428317	44.606	ng	99
26) 2-Nitrophenol	10.016	139	604068	50.436	ng	96
27) 2,4-Dimethylphenol	10.051	122	1108214	45.503	ng	99
28) bis(2-Chloroethoxy)met...	10.316	93	1553456	46.586	ng	100
29) 2,4-Dichlorophenol	10.540	162	1113545	48.855	ng	98
30) 1,2,4-Trichlorobenzene	10.751	180	1187609	48.106	ng	98
31) Naphthalene	10.957	128	3652851	46.266	ng	99
32) Benzoic acid	10.181	122	747206	46.924	ng	99
33) 4-Chloroaniline	11.081	127	752113	21.118	ng	99
34) Hexachlorobutadiene	11.193	225	673158	46.056	ng	99
35) Caprolactam	11.898	113	351768	42.236	ng	97
36) 4-Chloro-3-methylphenol	12.175	107	1174439	46.355	ng	100
37) 2-Methylnaphthalene	12.557	142	2425351	42.285	ng	100
38) 1-Methylnaphthalene	12.775	142	2329814	43.326	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1221493	48.574	ng	99
41) Hexachlorocyclopentadiene	12.857	237	1505931	119.235	ng	99
43) 2,4,6-Trichlorophenol	13.151	196	829546	51.412	ng	100

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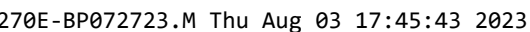
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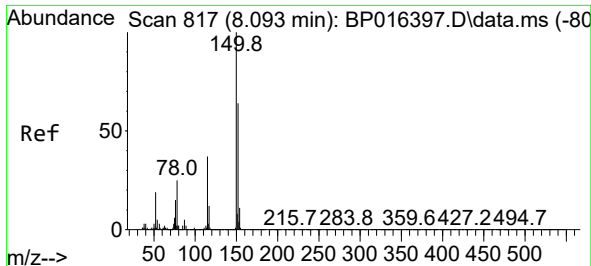
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	905173	46.239	ng	96
46) 1,1'-Biphenyl	13.557	154	3072994	48.716	ng	99
47) 2-Chloronaphthalene	13.604	162	2385373	50.124	ng	98
48) 2-Nitroaniline	13.828	65	695330	51.834	ng	97
49) Acenaphthylene	14.451	152	3858342	48.864	ng	100
50) Dimethylphthalate	14.181	163	2879239	44.650	ng	100
51) 2,6-Dinitrotoluene	14.316	165	624727	47.290	ng	89
52) Acenaphthene	14.787	154	2205293	46.967	ng	99
53) 3-Nitroaniline	14.651	138	484247	32.423	ng	94
54) 2,4-Dinitrophenol	14.851	184	581105	92.625	ng	96
55) Dibenzofuran	15.122	168	3506522	45.534	ng	98
56) 4-Nitrophenol	14.939	139	1200265	102.664	ng	98
57) 2,4-Dinitrotoluene	15.098	165	843961	49.020	ng	94
58) Fluorene	15.775	166	2765545	45.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	753218	46.774	ng	94
60) Diethylphthalate	15.539	149	2846654	44.421	ng	99
61) 4-Chlorophenyl-phenyle...	15.763	204	1333783	43.688	ng	97
62) 4-Nitroaniline	15.822	138	652774	44.041	ng	98
63) Azobenzene	16.057	77	2831633	46.796	ng	95
65) 4,6-Dinitro-2-methylph...	15.845	198	395791	50.461	ng	91
66) n-Nitrosodiphenylamine	15.986	169	2426634	49.517	ng	100
67) 4-Bromophenyl-phenylether	16.669	248	815462	46.313	ng	97
68) Hexachlorobenzene	16.745	284	936947	47.717	ng	93
69) Atrazine	16.939	200	829689	56.929	ng	98
70) Pentachlorophenol	17.110	266	1090636	80.263	ng	95
71) Phenanthrene	17.533	178	4250182	48.135	ng	99
72) Anthracene	17.622	178	4299542	48.426	ng	100
73) Carbazole	17.904	167	4023568	48.336	ng	99
74) Di-n-butylphthalate	18.416	149	4763315	49.461	ng	99
75) Fluoranthene	19.492	202	4782169	46.208	ng	98
77) Benzidine	19.686	184	2065133	80.825	ng	99
78) Pyrene	19.845	202	4931647	49.920	ng	100
80) Butylbenzylphthalate	20.710	149	2108587	54.330	ng	98
81) Benzo(a)anthracene	21.569	228	4802077	48.565	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	1184008	36.477	ng	# 98
83) Chrysene	21.627	228	4455234	47.185	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	3116185	53.480	ng	99
85) Di-n-octyl phthalate	22.445	149	5264635	53.722	ng	99
87) Indeno(1,2,3-cd)pyrene	26.951	276	5669644	51.417	ng	96
88) Benzo(b)fluoranthene	23.374	252	4874213	51.411	ng	99
89) Benzo(k)fluoranthene	23.427	252	4569121	47.386	ng	98
90) Benzo(a)pyrene	24.068	252	4248467	46.263	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	4736446	51.507	ng	98
92) Benzo(g,h,i)perylene	27.821	276	4578120	51.662	ng	97

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

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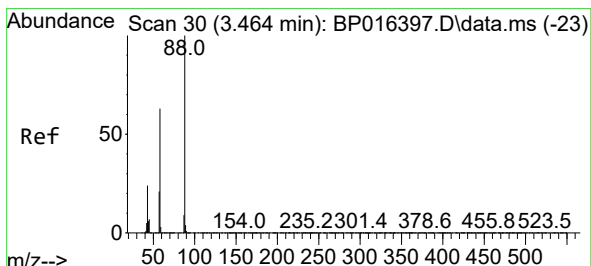
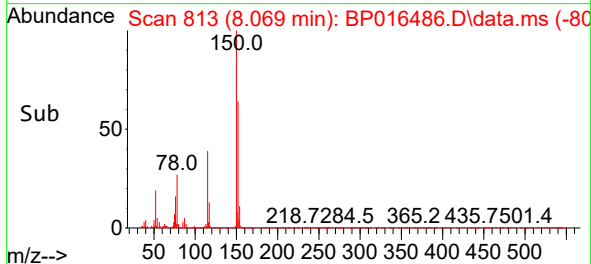
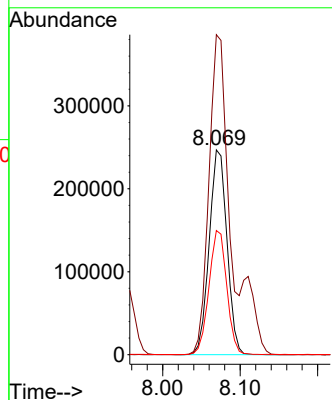
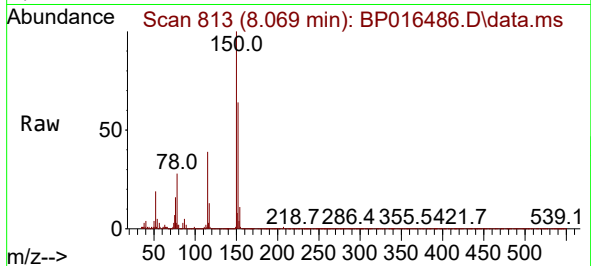




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

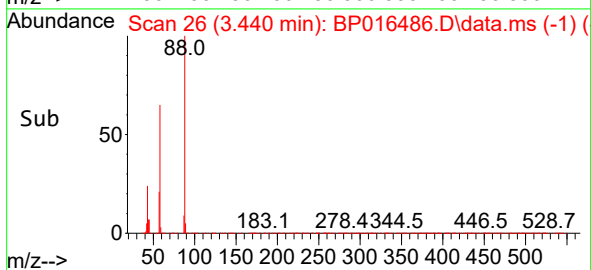
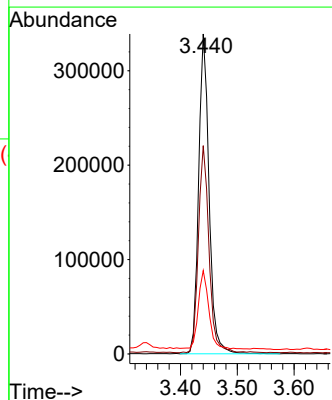
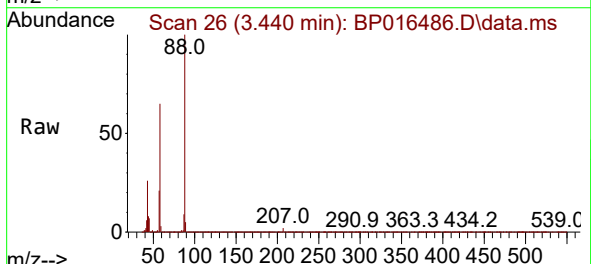
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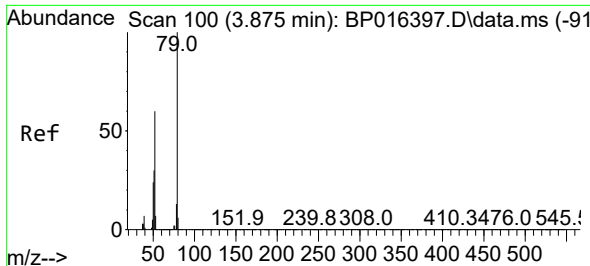
Tgt Ion:152 Resp: 392701
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 60.6 46.8 70.2



#2
1,4-Dioxane
Concen: 46.158 ng
RT: 3.440 min Scan# 26
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 88 Resp: 433338
Ion Ratio Lower Upper
88 100
58 65.5 51.7 77.5
43 24.6 19.2 28.8

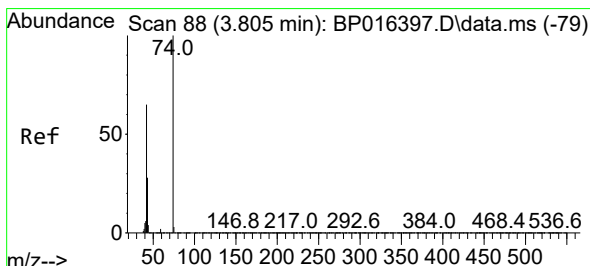
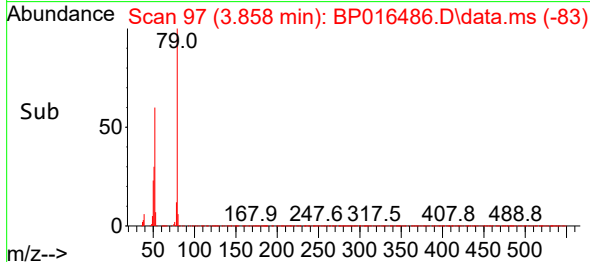
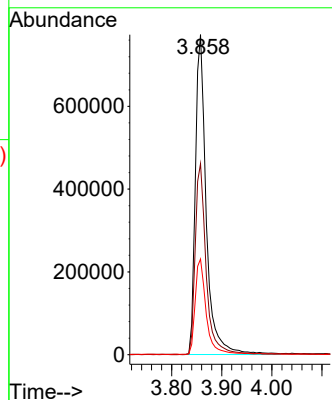
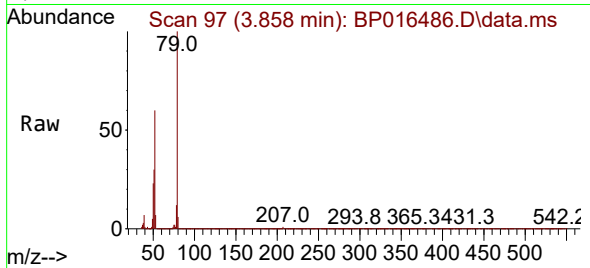




#3
Pyridine
Concen: 41.474 ng
RT: 3.858 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

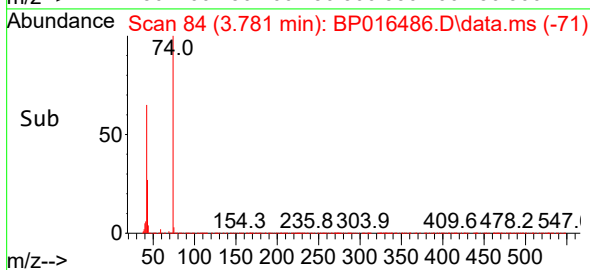
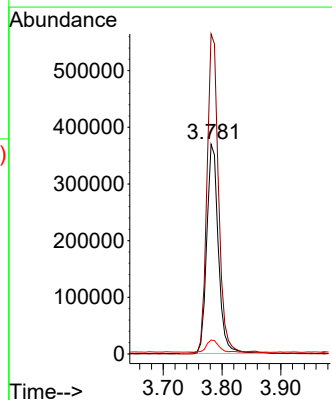
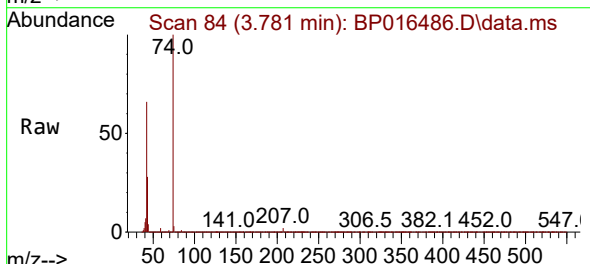
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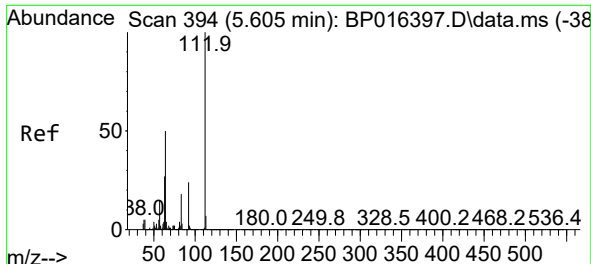
Tgt Ion: 79 Resp: 1163864
Ion Ratio Lower Upper
79 100
52 59.7 47.9 71.9
51 29.9 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 47.736 ng
RT: 3.781 min Scan# 84
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 42 Resp: 505077
Ion Ratio Lower Upper
42 100
74 152.7 123.8 185.8
44 6.7 5.5 8.3

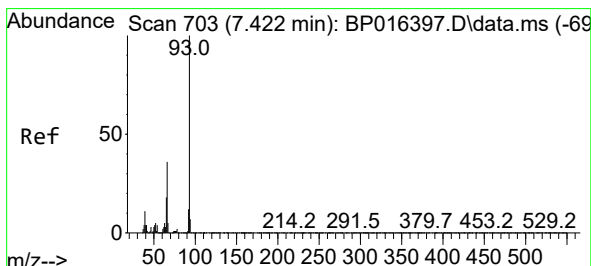
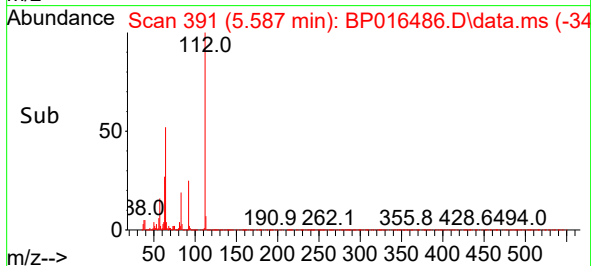
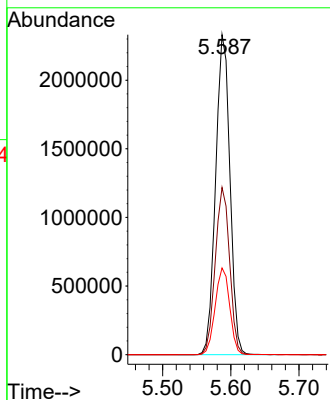
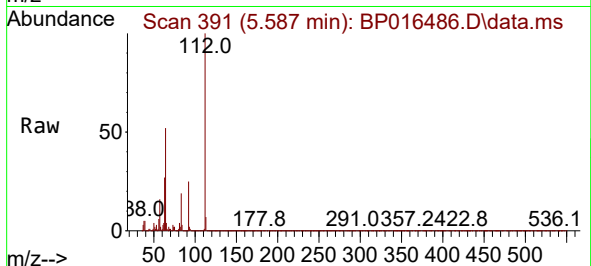




#5
2-Fluorophenol
Concen: 141.394 ng
RT: 5.587 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

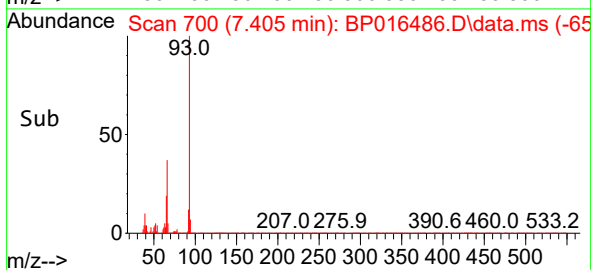
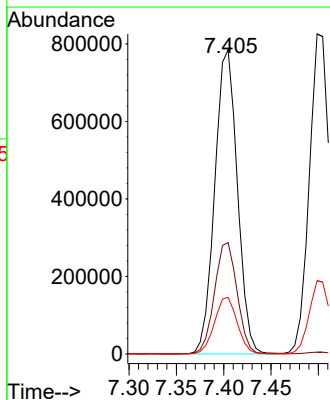
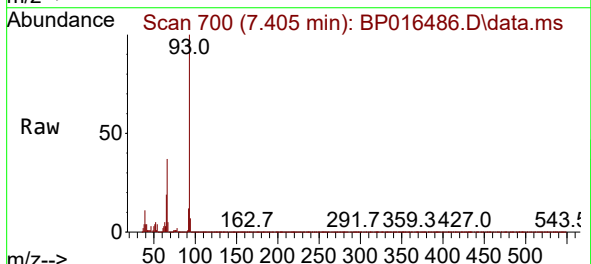
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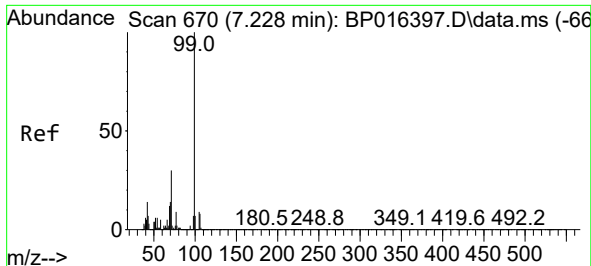
Tgt Ion:112 Resp: 3403528
Ion Ratio Lower Upper
112 100
64 52.3 40.0 60.0
63 27.1 21.2 31.8



#6
Aniline
Concen: 31.942 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 93 Resp: 1301723
Ion Ratio Lower Upper
93 100
66 36.6 28.9 43.3
65 18.6 14.7 22.1

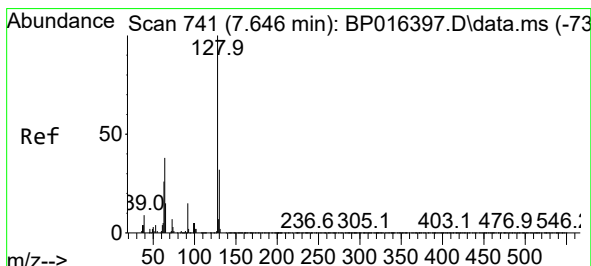
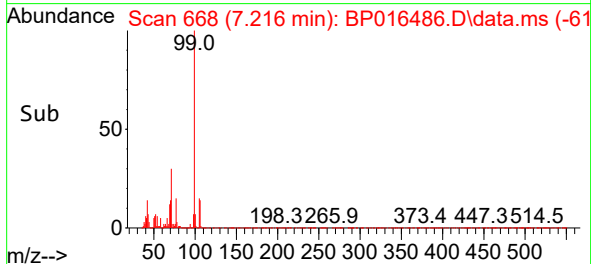
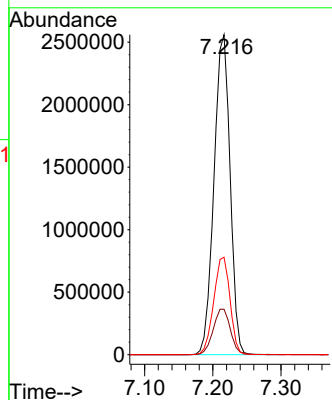
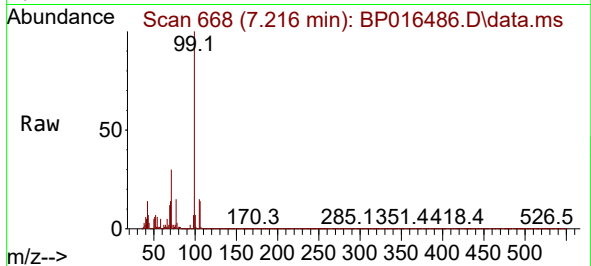




#7
Phenol-d6
Concen: 127.590 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

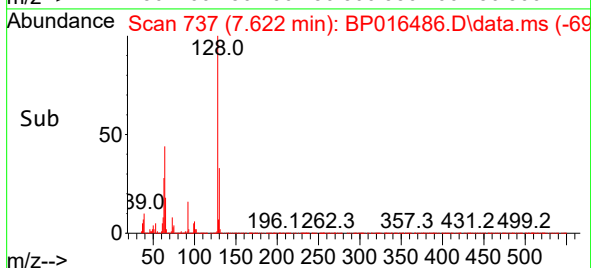
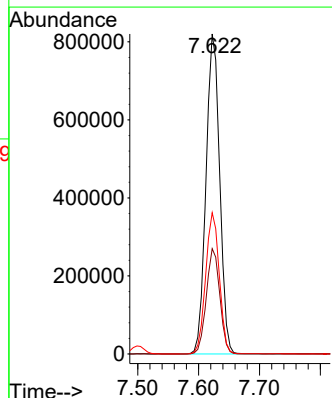
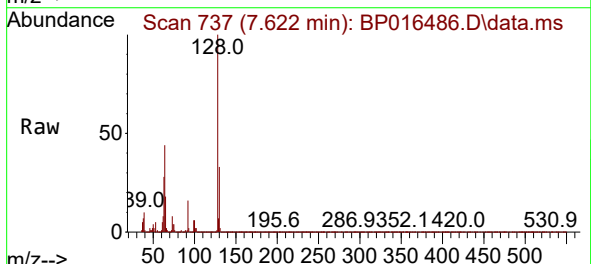
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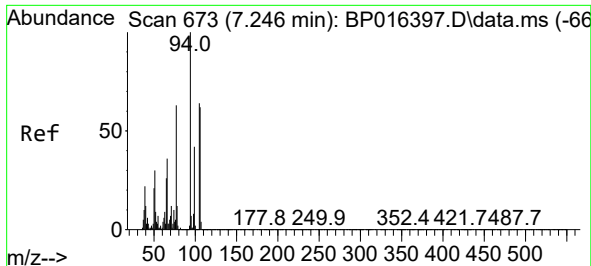
Tgt Ion: 99 Resp: 4209669
Ion Ratio Lower Upper
99 100
42 14.2 11.6 17.4
71 30.5 24.3 36.5



#8
2-Chlorophenol
Concen: 50.623 ng
RT: 7.622 min Scan# 737
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:128 Resp: 1277646
Ion Ratio Lower Upper
128 100
130 32.9 11.6 51.6
64 44.2 20.6 60.6

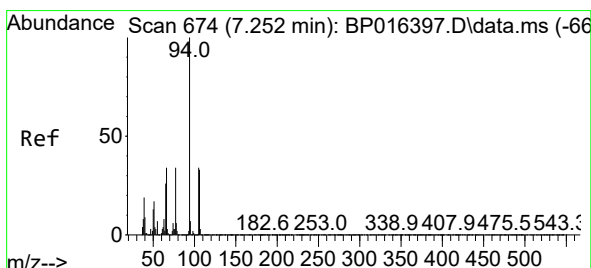
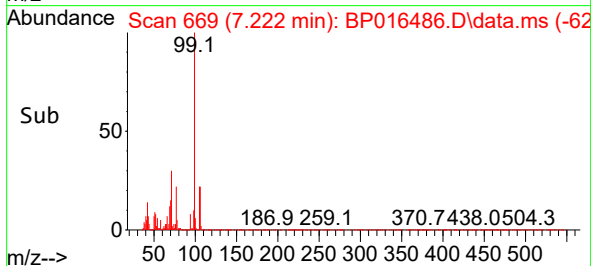
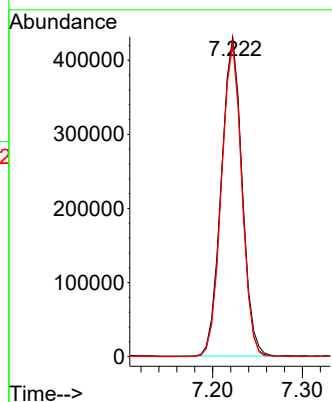
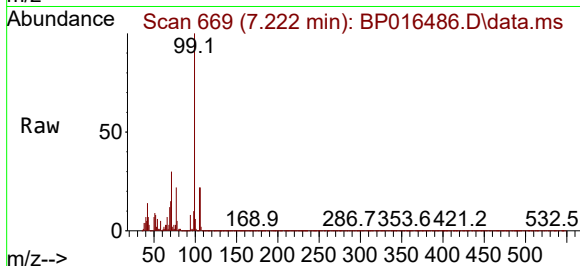




#9
Benzaldehyde
Concen: 47.207 ng
RT: 7.222 min Scan# 610
Delta R.T. -0.024 min
Lab File: BP016486.D
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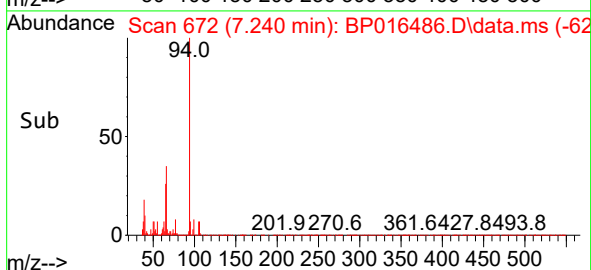
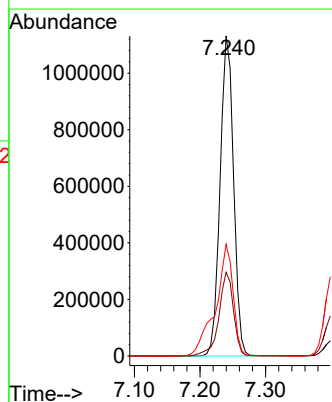
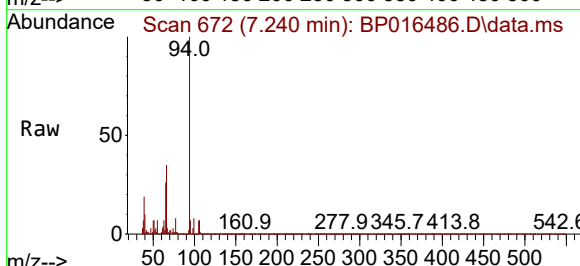
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ClientSampleId :
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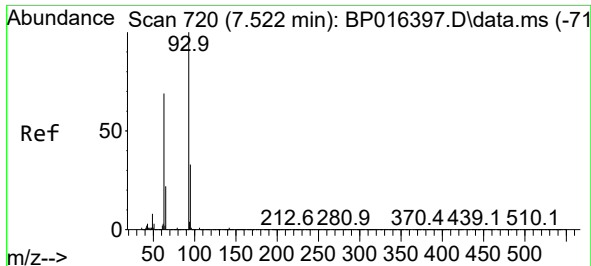
Tgt Ion: 77 Resp: 689602
Ion Ratio Lower Upper
77 100
105 100.8 81.9 121.9
106 98.1 78.8 118.8



#10
Phenol
Concen: 50.094 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 94 Resp: 1605068
Ion Ratio Lower Upper
94 100
65 26.2 5.9 45.9
66 34.9 14.3 54.3

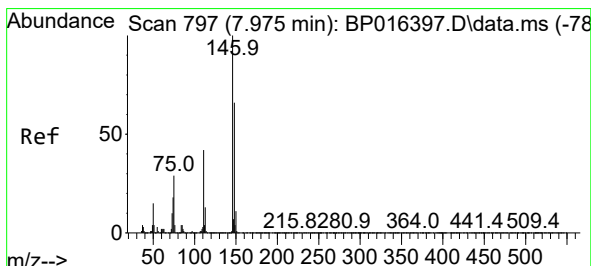
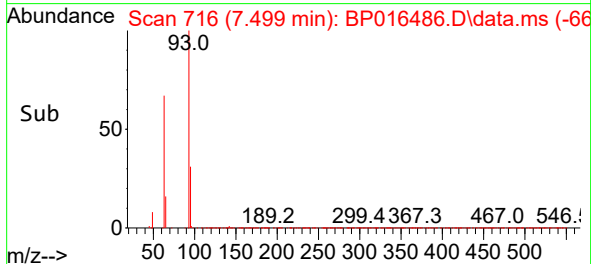
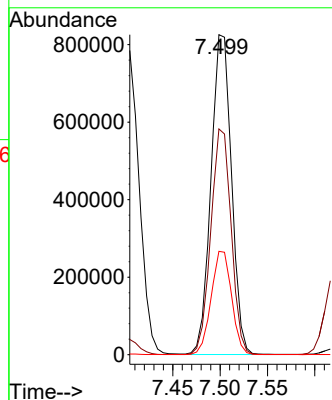
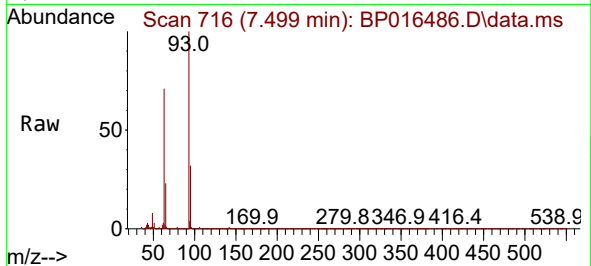




#11
bis(2-Chloroethyl)ether
Concen: 47.683 ng
RT: 7.499 min Scan# 716
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

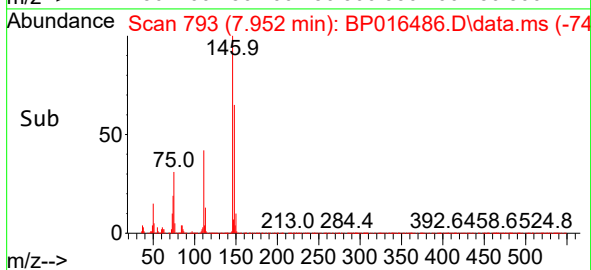
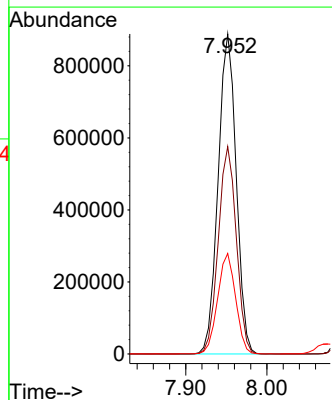
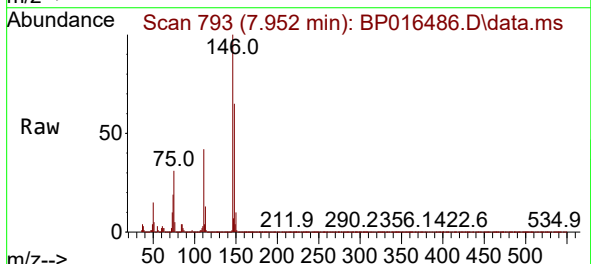
Instrument :
BNA_P
ClientSampleId :
PB154495BS

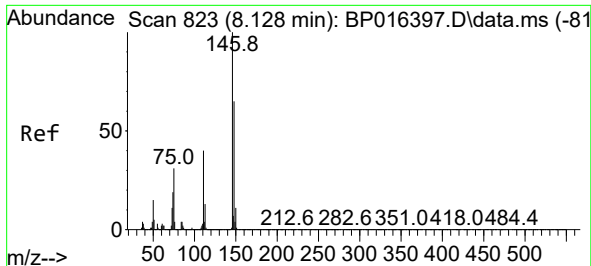
Tgt Ion: 93 Resp: 1241939
Ion Ratio Lower Upper
93 100
63 70.5 49.4 89.4
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.865 ng
RT: 7.952 min Scan# 793
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:146 Resp: 1378137
Ion Ratio Lower Upper
146 100
148 64.8 53.0 79.4
75 31.4 23.4 35.2

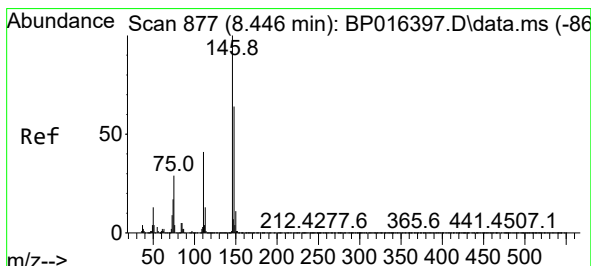
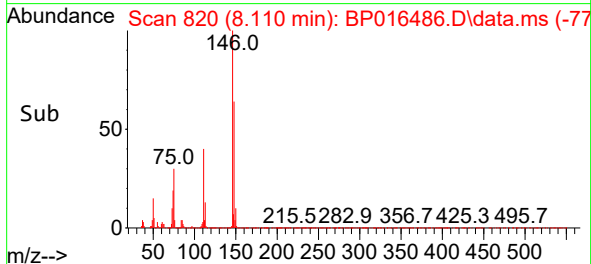
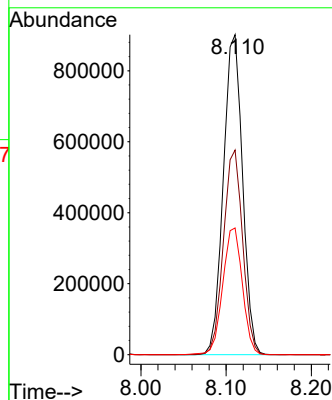
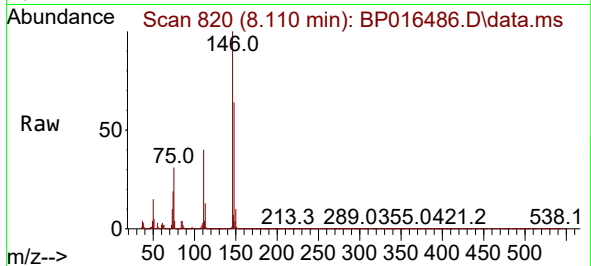




#13
1,4-Dichlorobenzene
Concen: 51.450 ng
RT: 8.110 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

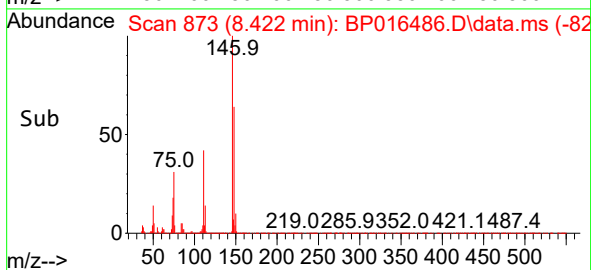
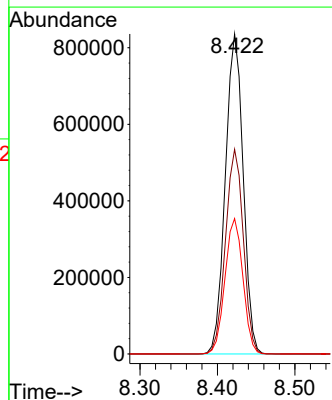
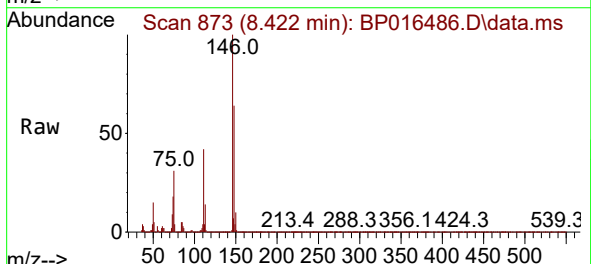
Instrument :
BNA_P
ClientSampleId :
PB154495BS

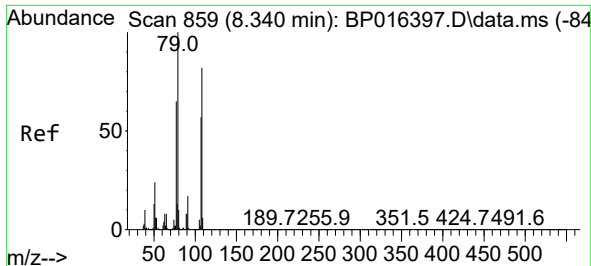
Tgt Ion:146 Resp: 1414045
Ion Ratio Lower Upper
146 100
148 63.9 51.7 77.5
111 39.6 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 50.666 ng
RT: 8.422 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:146 Resp: 1340746
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 42.3 32.6 49.0

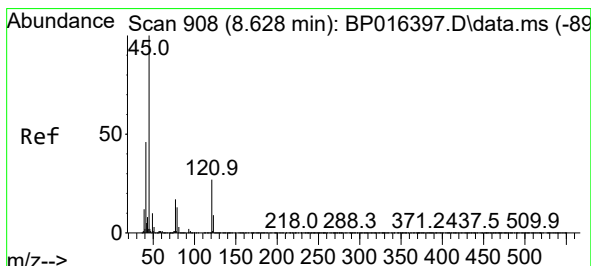
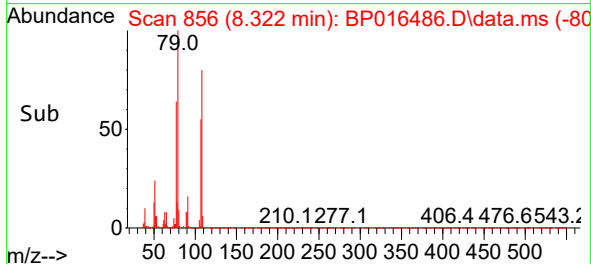
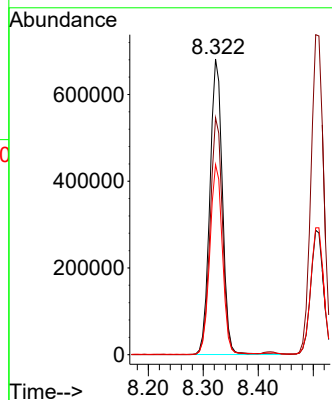
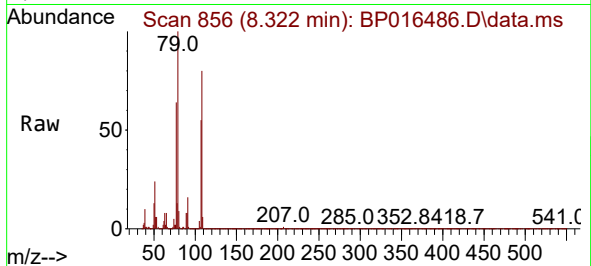




#15
Benzyl Alcohol
Concen: 47.860 ng
RT: 8.322 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

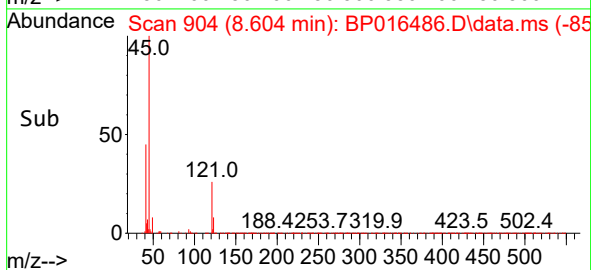
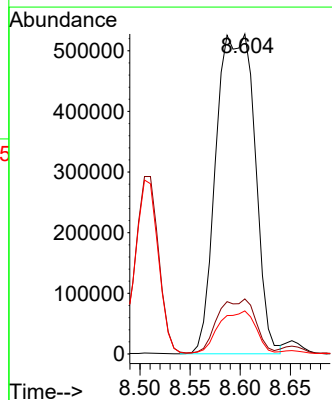
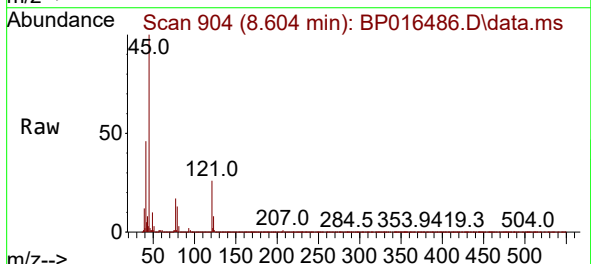
Instrument :
BNA_P
ClientSampleId :
PB154495BS

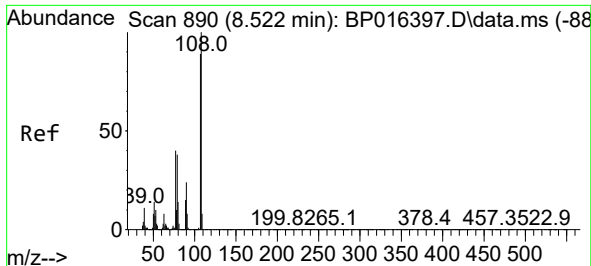
Tgt Ion: 79 Resp: 1078809
Ion Ratio Lower Upper
79 100
108 80.2 65.4 98.2
77 64.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.981 ng
RT: 8.604 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 45 Resp: 1417261
Ion Ratio Lower Upper
45 100
77 17.2 0.0 37.3
79 13.4 0.0 33.3

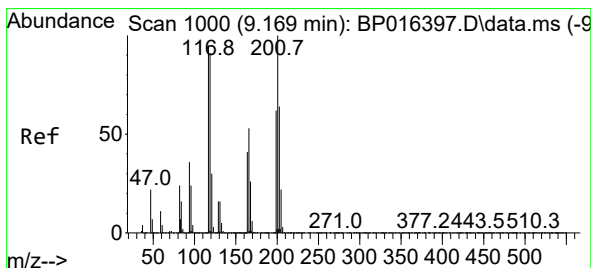
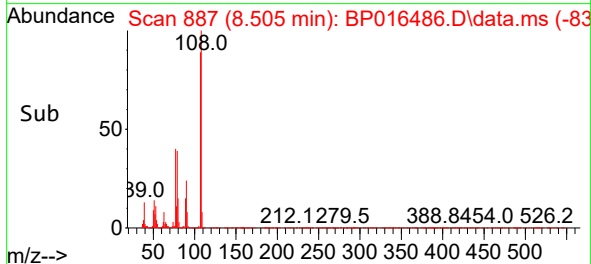
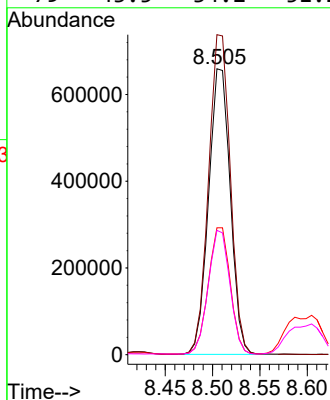
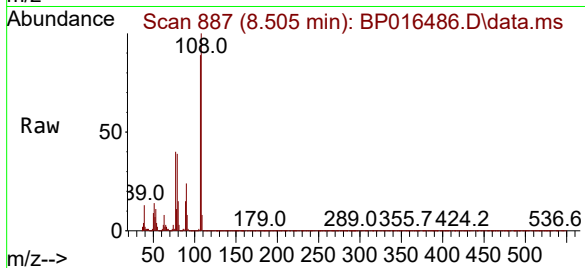




#17
2-Methylphenol
Concen: 45.524 ng
RT: 8.505 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

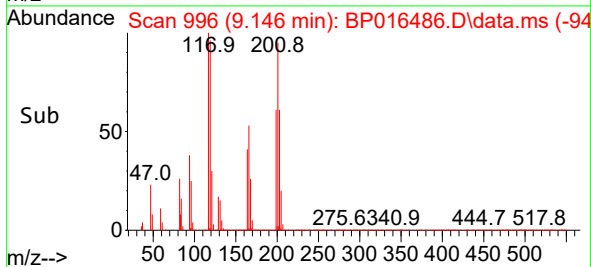
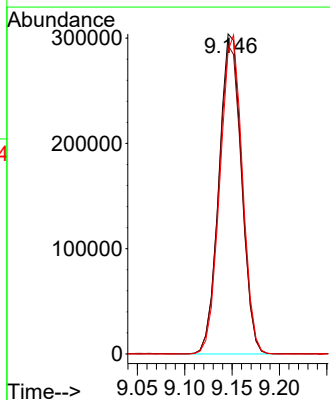
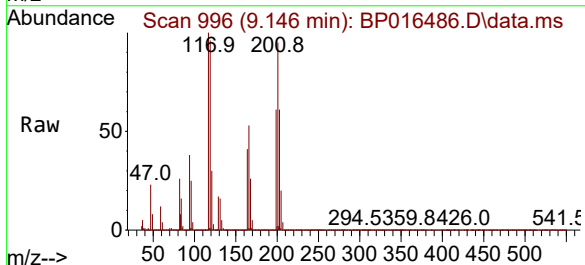
Instrument :
BNA_P
ClientSampleId :
PB154495BS

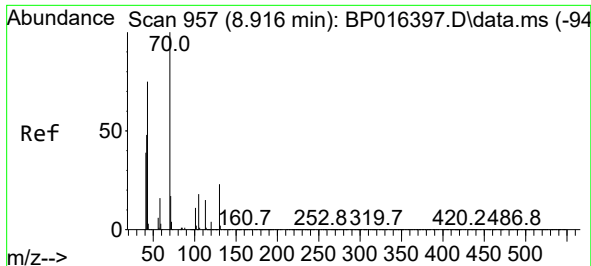
Tgt Ion:107 Resp: 1051212
Ion Ratio Lower Upper
107 100
108 111.9 89.6 134.4
77 44.4 35.6 53.4
79 43.5 34.2 51.2



#18
Hexachloroethane
Concen: 51.811 ng
RT: 9.146 min Scan# 996
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:117 Resp: 507921
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
201 94.8 86.2 129.4

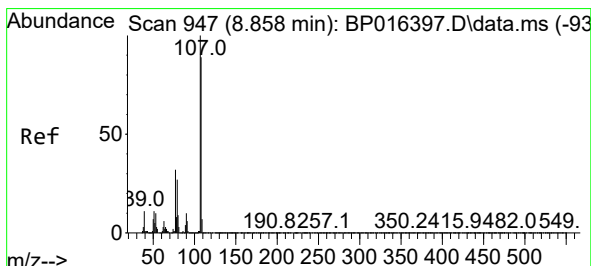
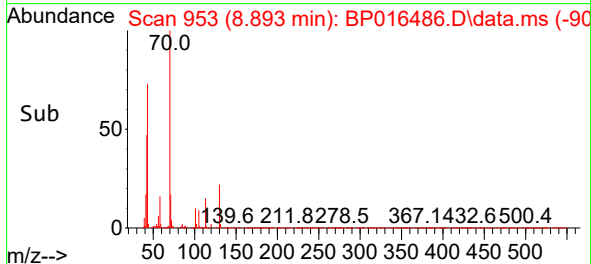
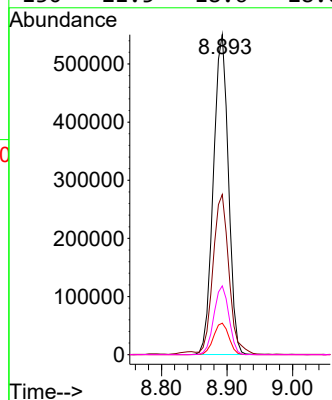
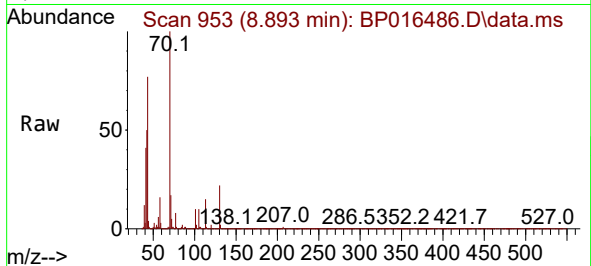




#19
n-Nitroso-di-n-propylamine
Concen: 42.273 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

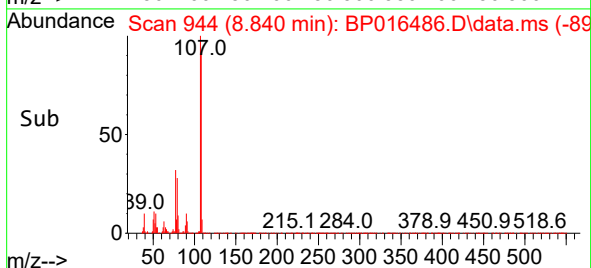
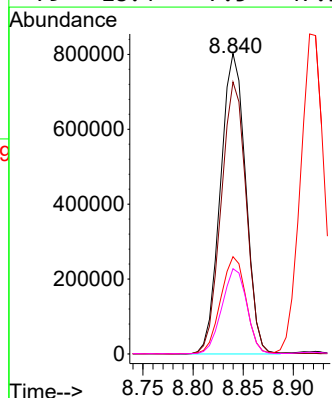
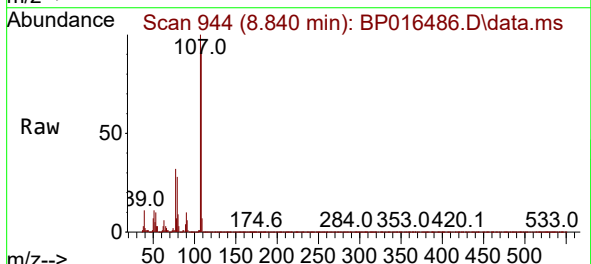
Instrument :
BNA_P
ClientSampleId :
PB154495BS

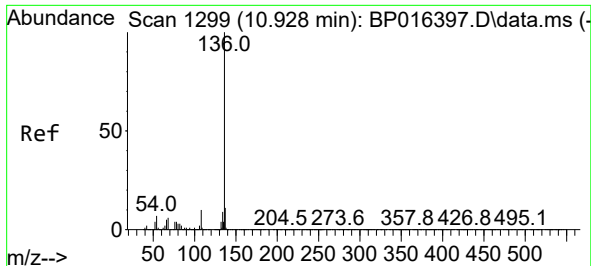
Tgt Ion: 70 Resp: 873770
Ion Ratio Lower Upper
70 100
42 50.1 39.3 58.9
101 9.9 8.6 12.8
130 21.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 44.586 ng
RT: 8.840 min Scan# 944
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 107 Resp: 1398277
Ion Ratio Lower Upper
107 100
108 90.5 69.1 109.1
77 32.4 12.0 52.0
79 28.4 7.5 47.5

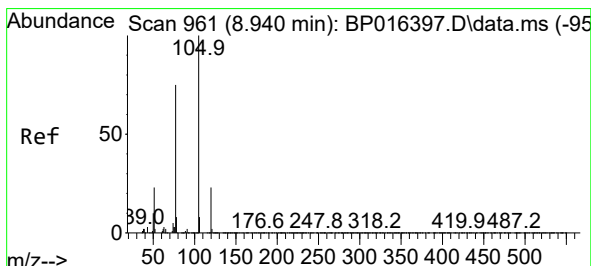
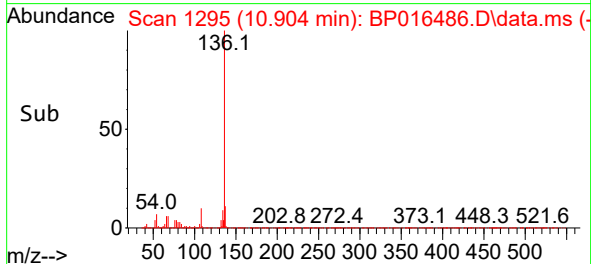
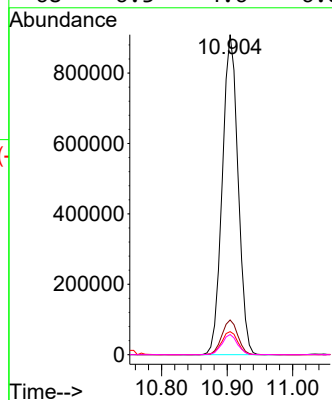
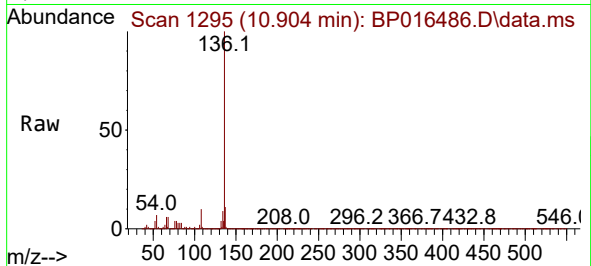




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

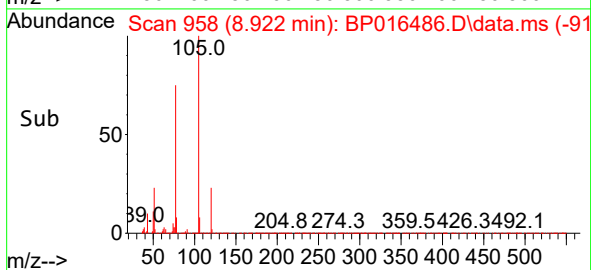
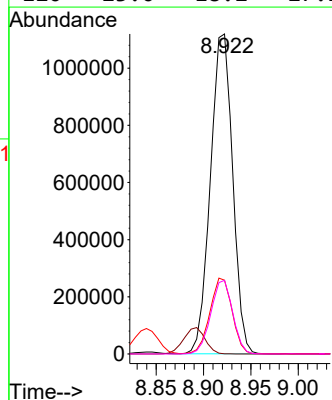
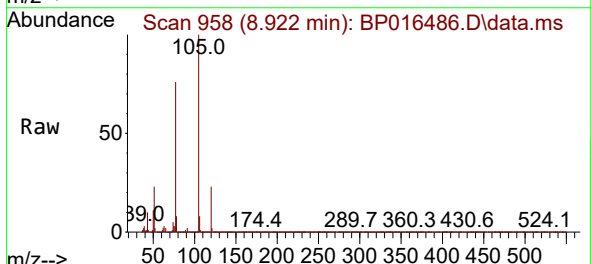
Instrument :
BNA_P
ClientSampleId :
PB154495BS

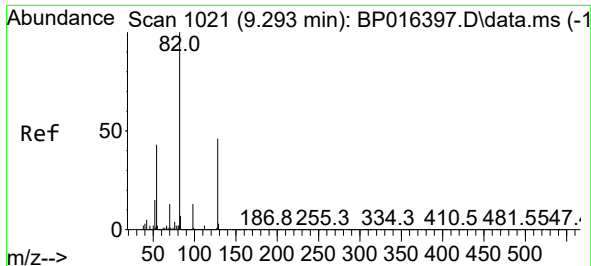
Tgt Ion:136 Resp: 1509428
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.2 5.6 8.4
68 6.3 4.6 6.8



#22
Acetophenone
Concen: 47.911 ng
RT: 8.922 min Scan# 958
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:105 Resp: 1825913
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 23.0 18.3 27.5
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 92.150 ng

RT: 9.269 min Scan# 1017

Delta R.T. -0.024 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

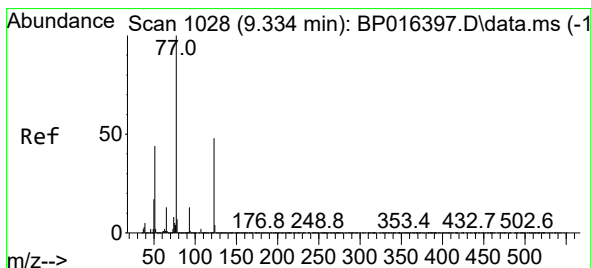
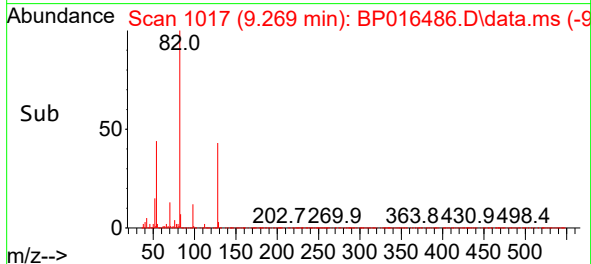
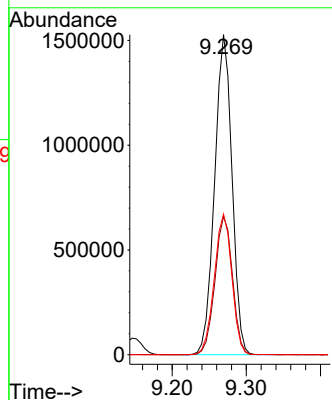
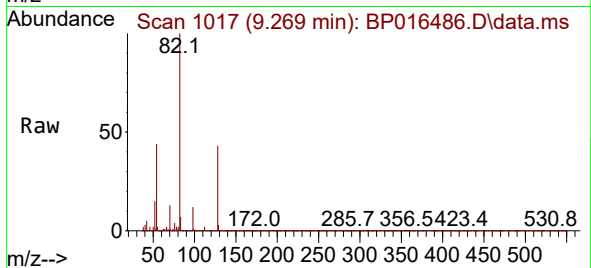
Tgt Ion: 82 Resp: 2484762

Ion Ratio Lower Upper

82 100

128 43.2 36.6 55.0

54 44.0 34.5 51.7



#24

Nitrobenzene

Concen: 48.995 ng

RT: 9.310 min Scan# 1024

Delta R.T. -0.024 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

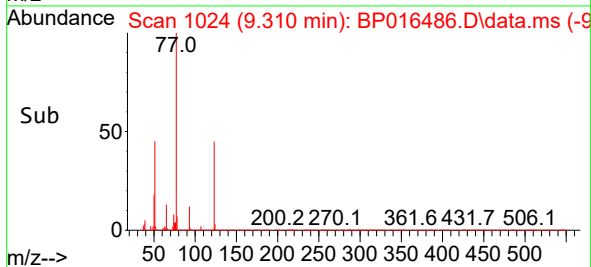
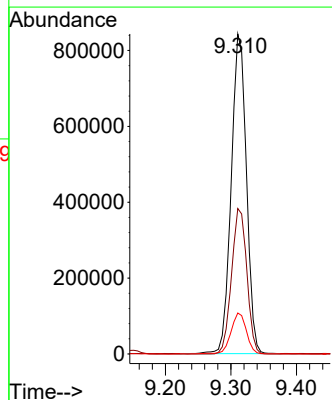
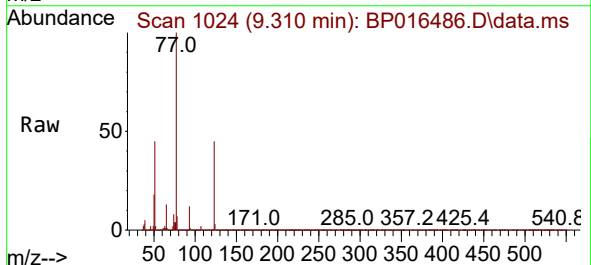
Tgt Ion: 77 Resp: 1356929

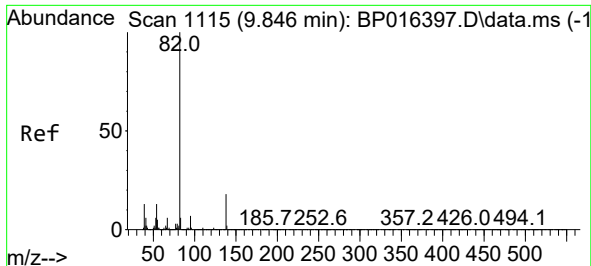
Ion Ratio Lower Upper

77 100

123 45.5 38.6 58.0

65 12.8 10.5 15.7

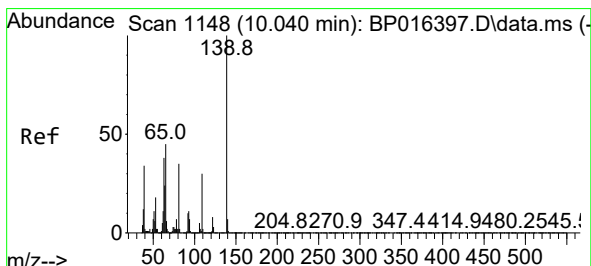
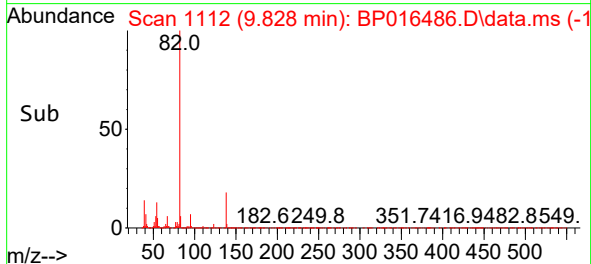
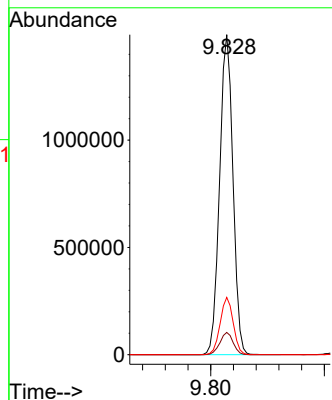
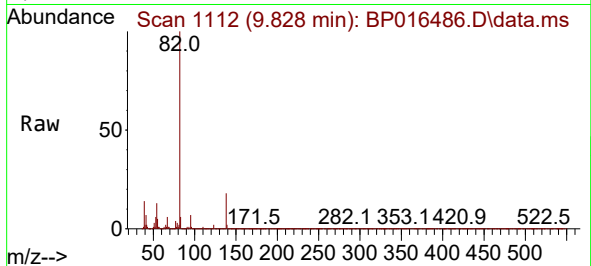




#25
Isophorone
Concen: 44.606 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

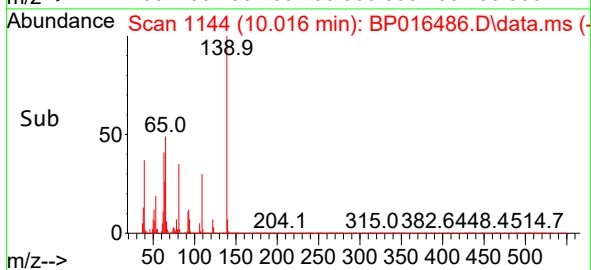
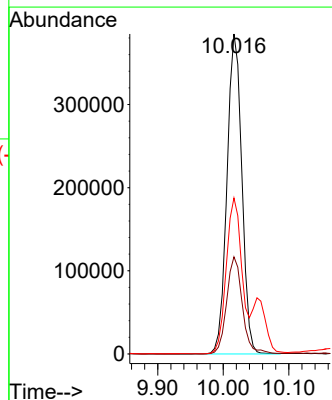
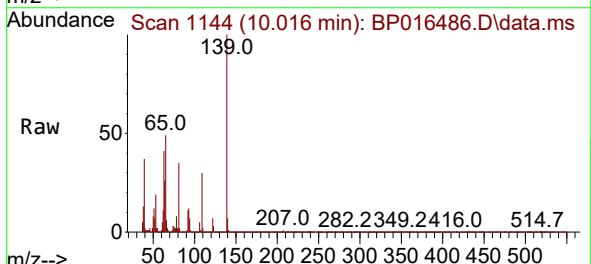
Instrument :
BNA_P
ClientSampleId :
PB154495BS

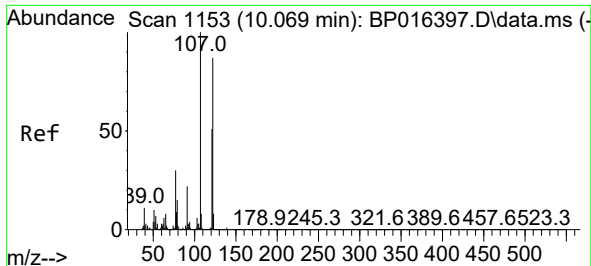
Tgt Ion: 82 Resp: 2428317
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.9 14.6 22.0



#26
2-Nitrophenol
Concen: 50.436 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 139 Resp: 604068
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.4
65 48.8 35.8 53.6

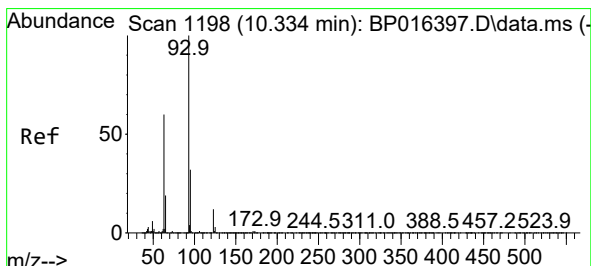
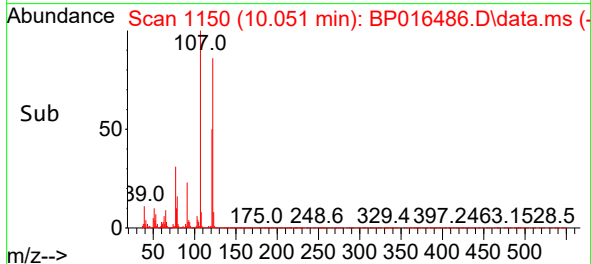
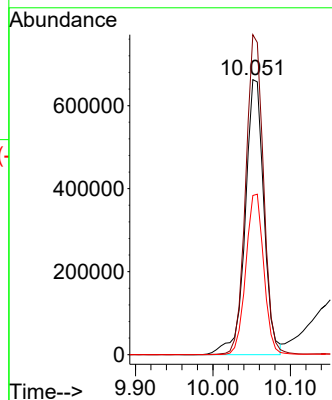
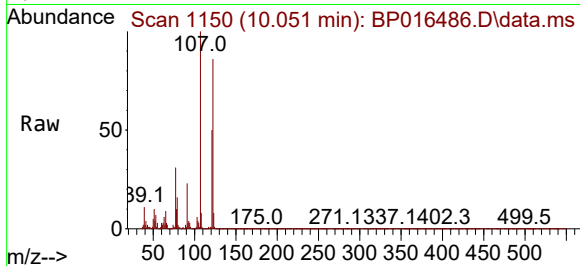




#27
2,4-Dimethylphenol
Concen: 45.503 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

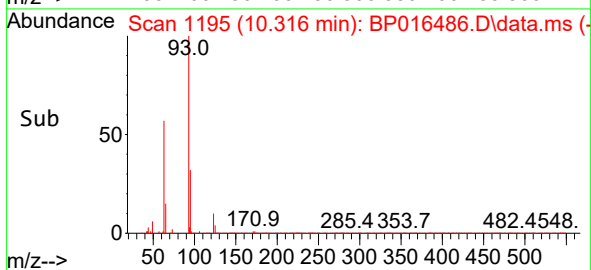
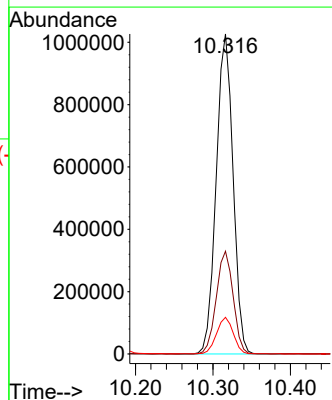
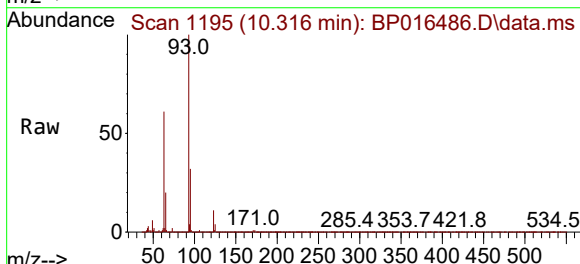
Instrument :
BNA_P
ClientSampleId :
PB154495BS

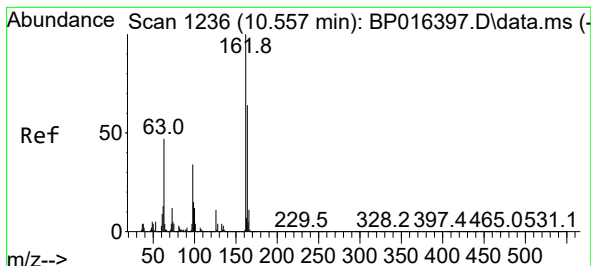
Tgt Ion:122 Resp: 1108214
Ion Ratio Lower Upper
122 100
107 116.3 91.9 137.9
121 57.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.586 ng
RT: 10.316 min Scan# 1195
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 93 Resp: 1553456
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.4 9.4 14.0

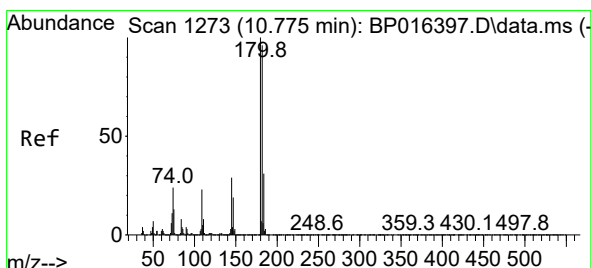
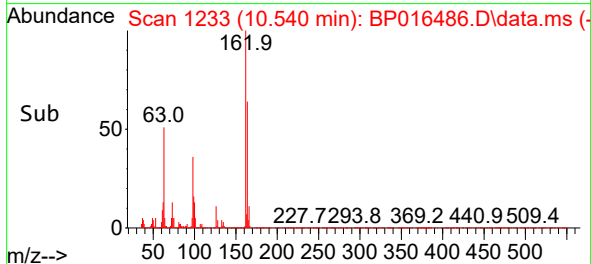
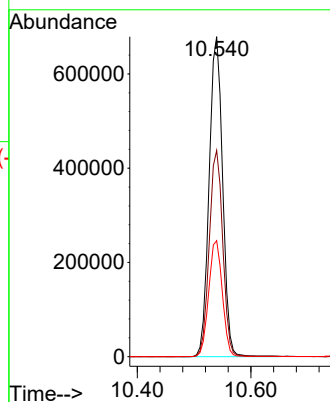
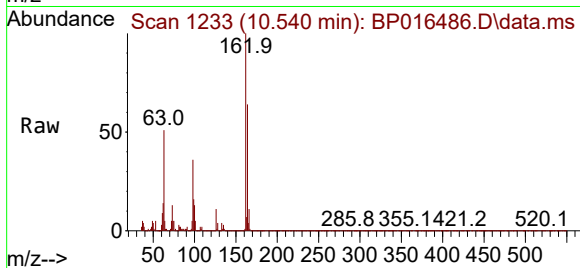




#29
2,4-Dichlorophenol
Concen: 48.855 ng
RT: 10.540 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

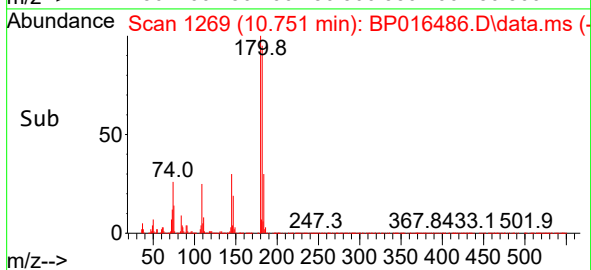
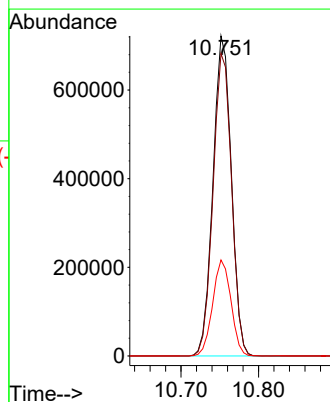
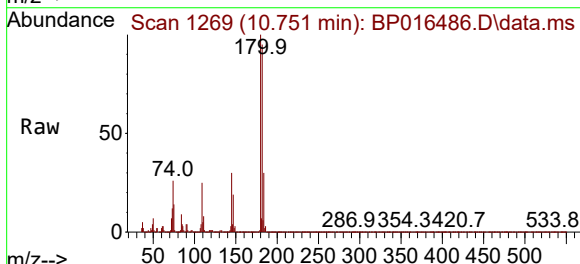
Instrument :
BNA_P
ClientSampleId :
PB154495BS

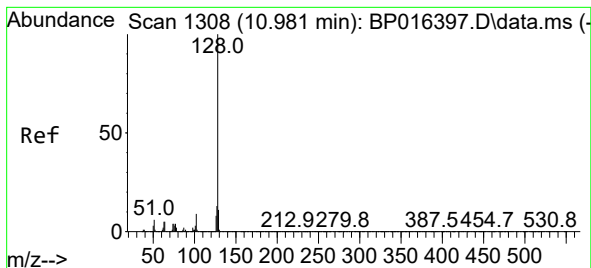
Tgt Ion:162 Resp: 1113545
Ion Ratio Lower Upper
162 100
164 64.5 44.2 84.2
98 36.3 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 48.106 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:180 Resp: 1187609
Ion Ratio Lower Upper
180 100
182 94.5 77.1 115.7
145 30.0 22.9 34.3





#31

Naphthalene

Concen: 46.266 ng

RT: 10.957 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

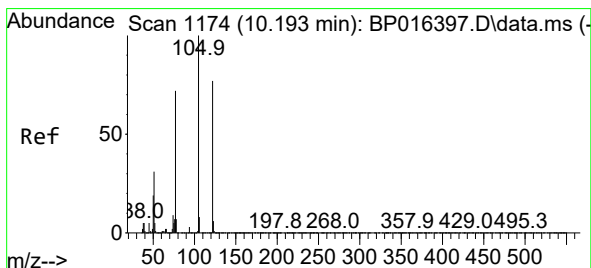
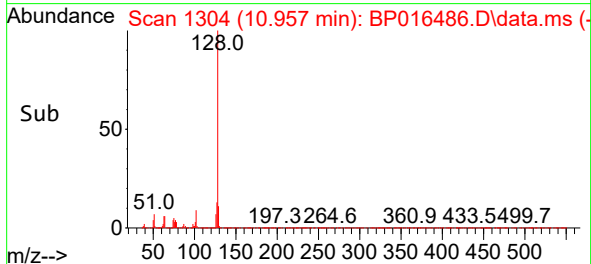
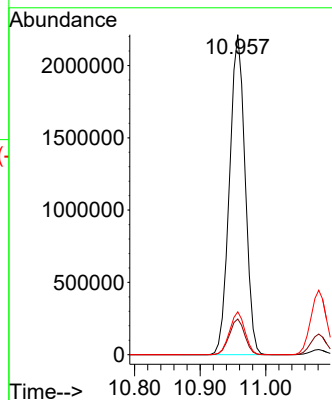
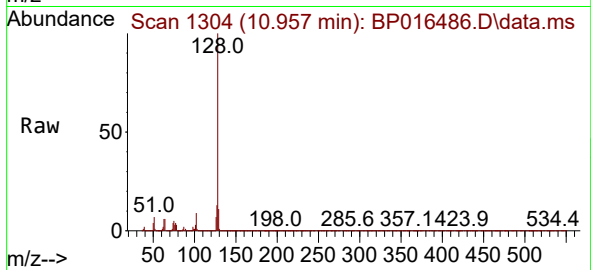
Tgt Ion:128 Resp: 3652851

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.4 10.4 15.6



#32

Benzoic acid

Concen: 46.924 ng

RT: 10.181 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

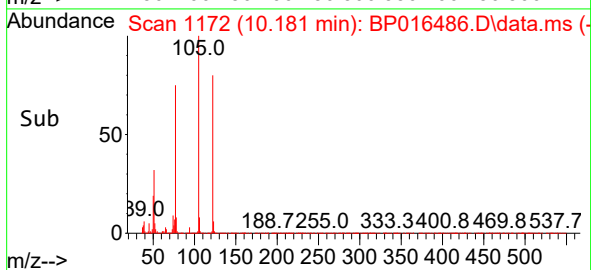
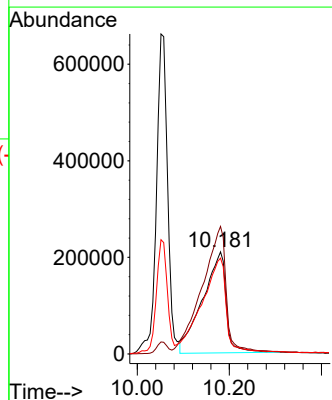
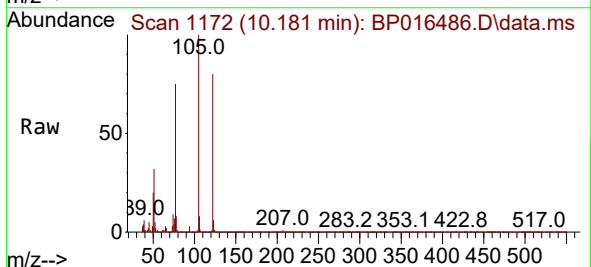
Tgt Ion:122 Resp: 747206

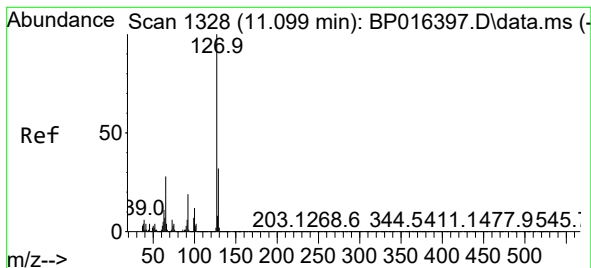
Ion Ratio Lower Upper

122 100

105 124.9 105.2 145.2

77 93.9 72.2 112.2

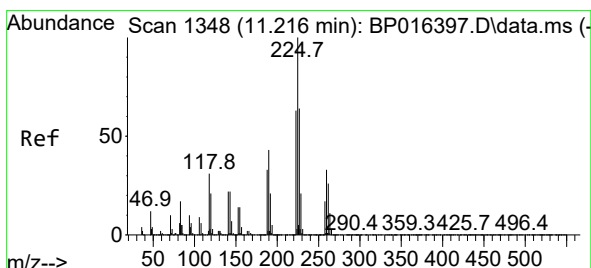
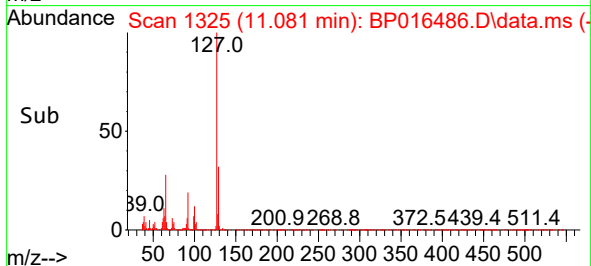
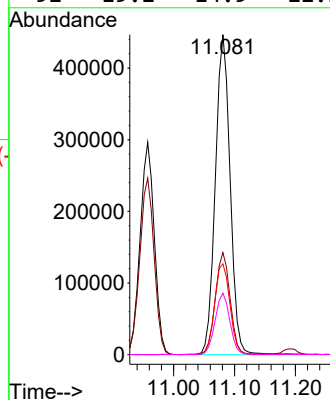
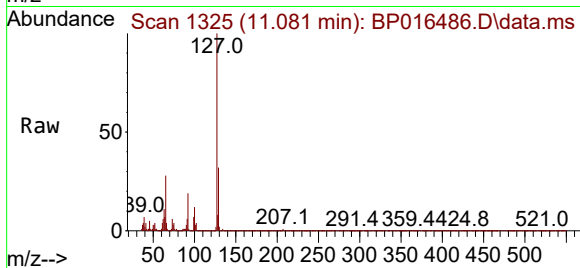




#33
4-Chloroaniline
Concen: 21.118 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

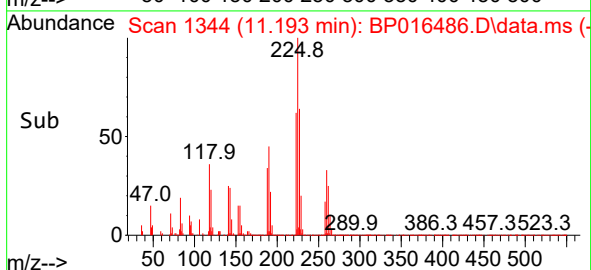
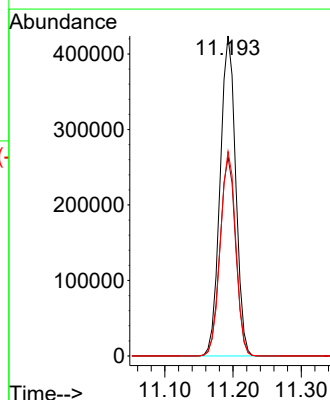
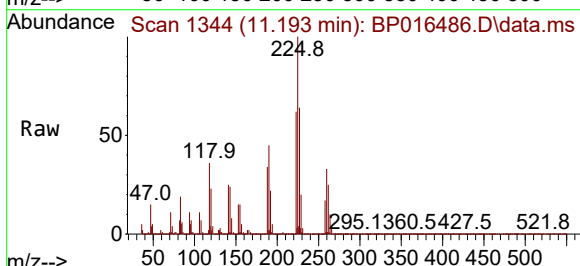
Instrument :
BNA_P
ClientSampleId :
PB154495BS

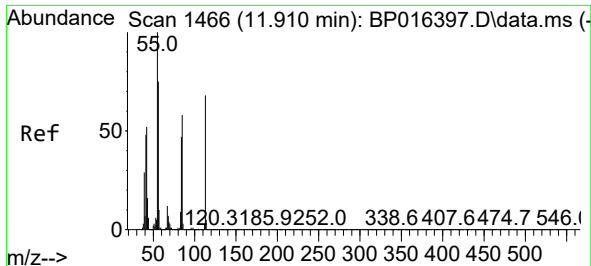
Tgt Ion:	127	Resp:	752113
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	28.4	22.7	34.1
92	19.2	14.9	22.3



#34
Hexachlorobutadiene
Concen: 46.056 ng
RT: 11.193 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:	225	Resp:	673158
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.4
227	63.9	51.0	76.6

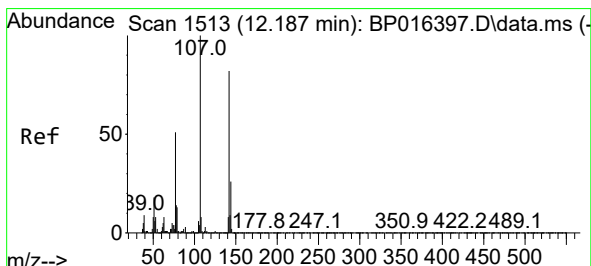
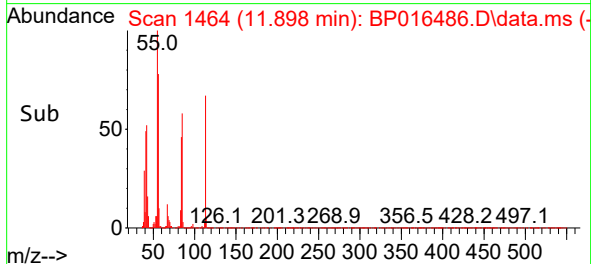
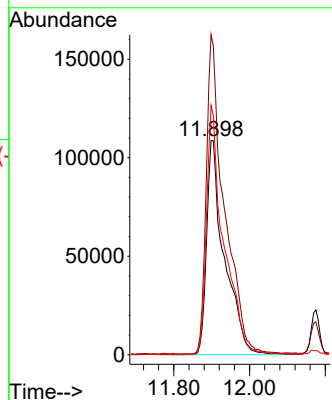
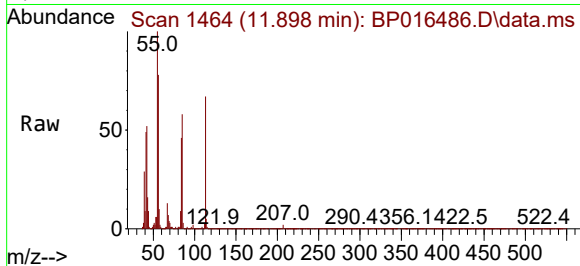




#35
Caprolactam
Concen: 42.236 ng
RT: 11.898 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

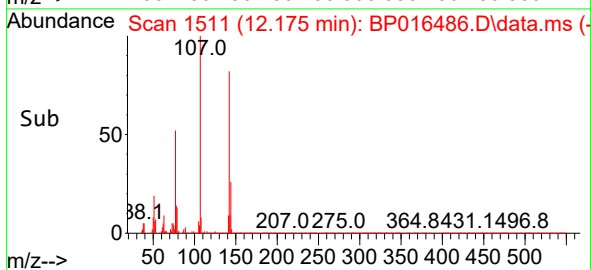
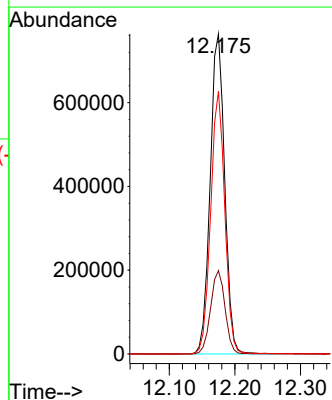
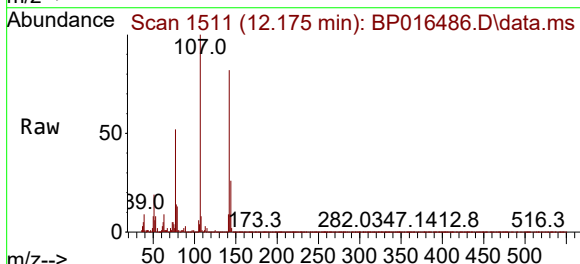
Instrument :
BNA_P
ClientSampleId :
PB154495BS

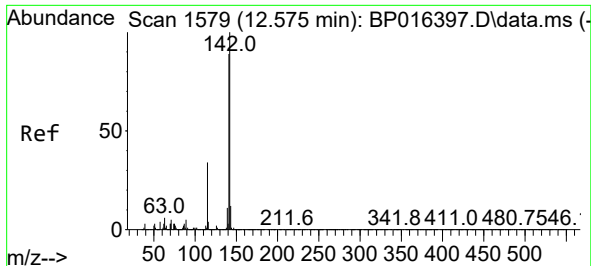
Tgt Ion:113 Resp: 351768
Ion Ratio Lower Upper
113 100
55 149.5 128.0 168.0
56 116.4 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 46.355 ng
RT: 12.175 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:107 Resp: 1174439
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.6
142 82.1 65.6 98.4

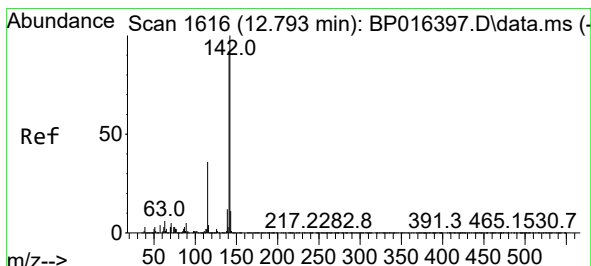
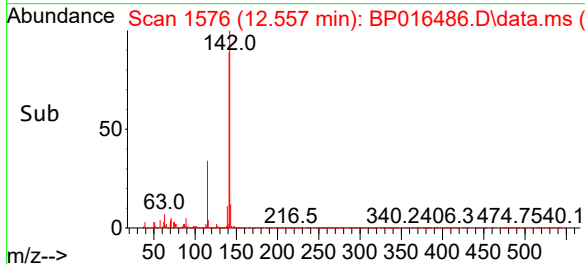
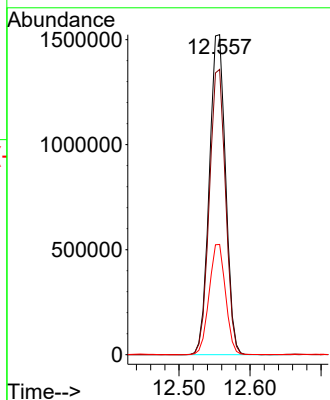
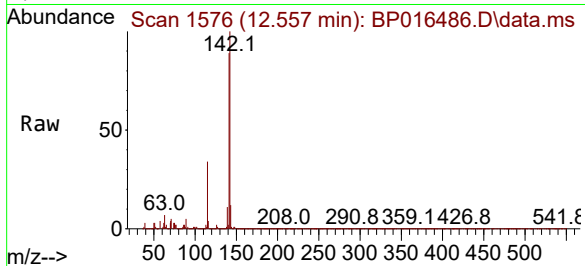




#37
2-Methylnaphthalene
Concen: 42.285 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

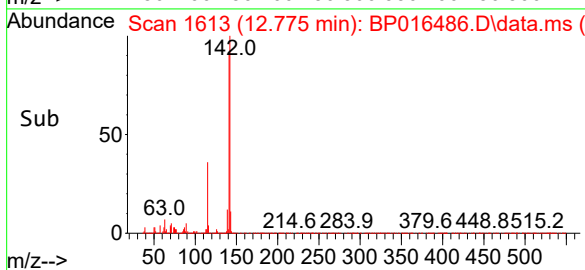
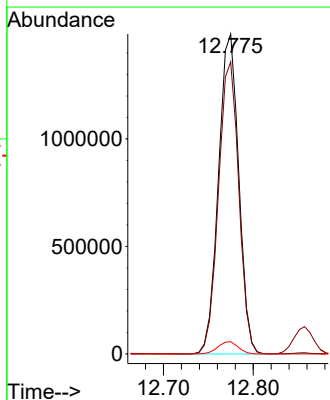
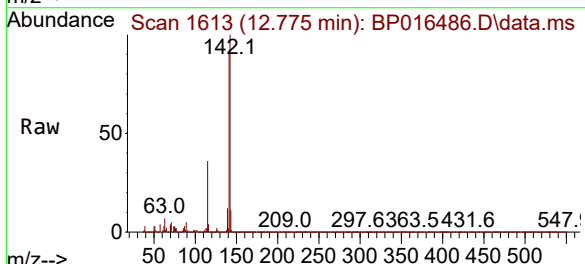
Instrument :
BNA_P
ClientSampleId :
PB154495BS

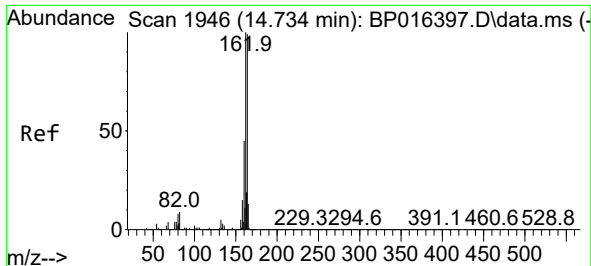
Tgt Ion:142 Resp: 2425351
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 34.4 27.0 40.4



#38
1-Methylnaphthalene
Concen: 43.326 ng
RT: 12.775 min Scan# 1613
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:142 Resp: 2329814
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6
116 3.8 2.9 4.3

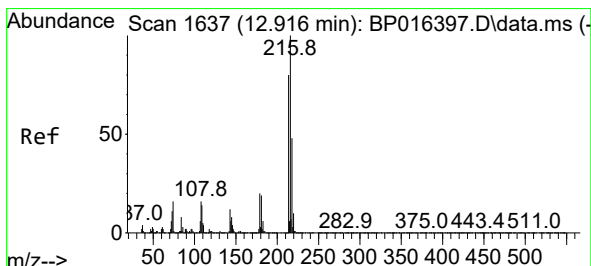
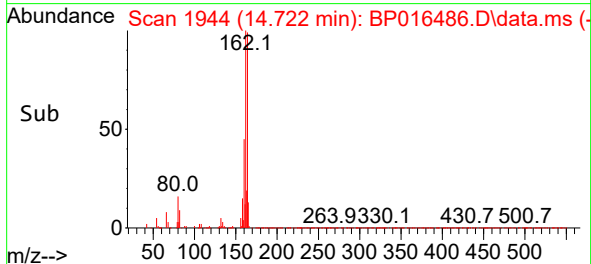
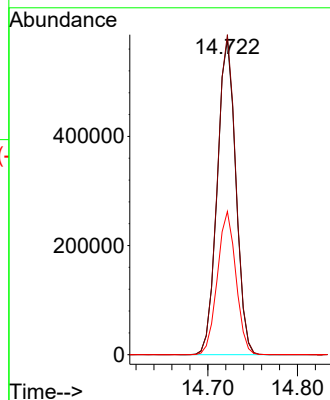
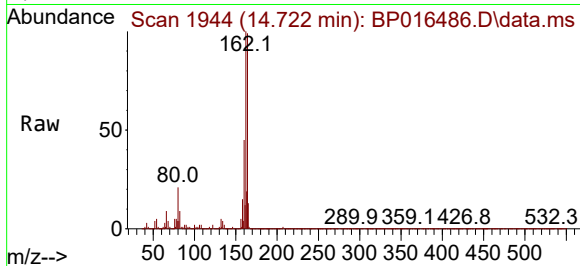




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

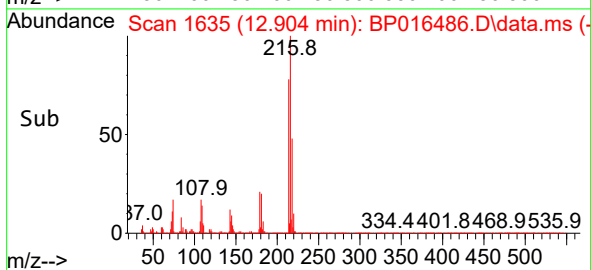
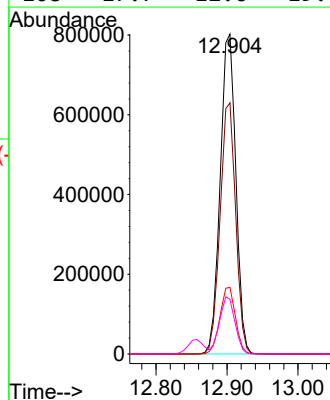
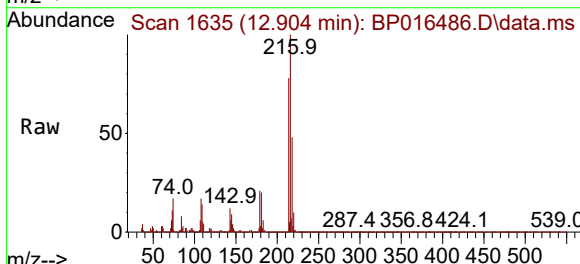
Instrument :
BNA_P
ClientSampleId :
PB154495BS

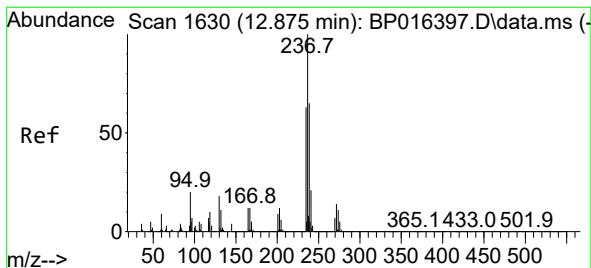
Tgt Ion:164 Resp: 827507
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 45.4 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.574 ng
RT: 12.904 min Scan# 1635
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:216 Resp: 1221493
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 20.8 16.0 24.0
108 17.7 12.6 19.0

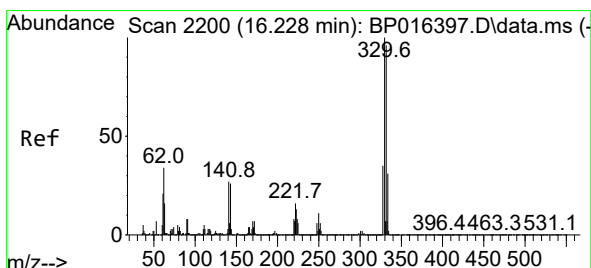
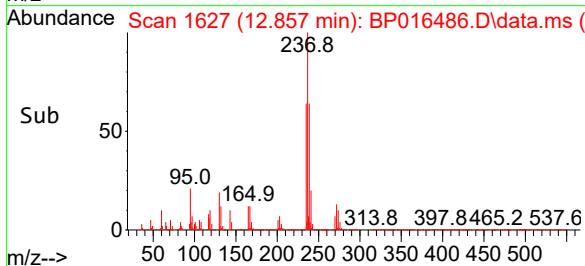
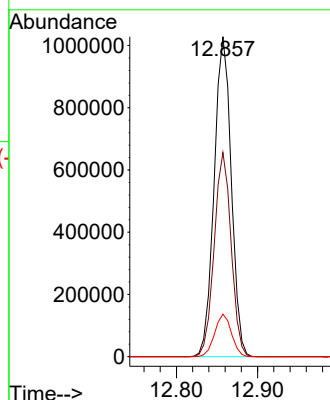
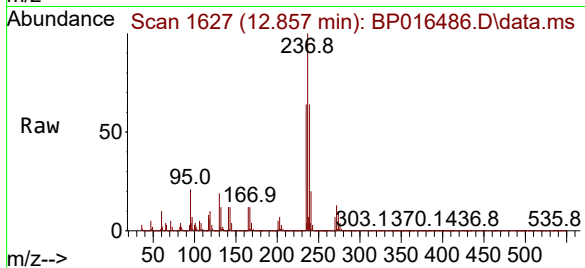




#41
Hexachlorocyclopentadiene
Concen: 119.235 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

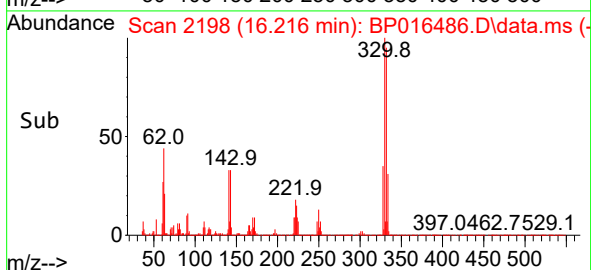
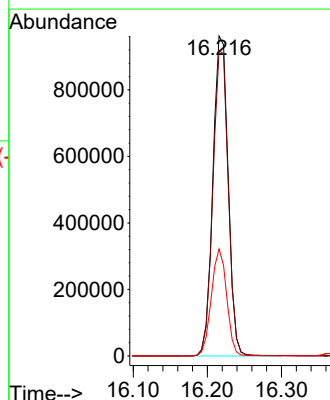
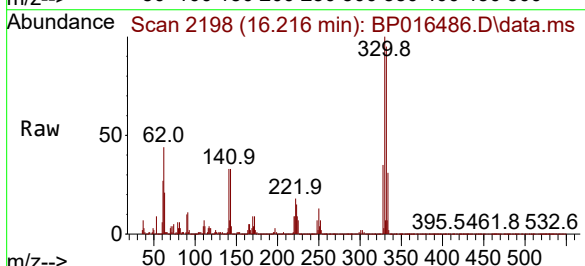
Instrument :
BNA_P
ClientSampleId :
PB154495BS

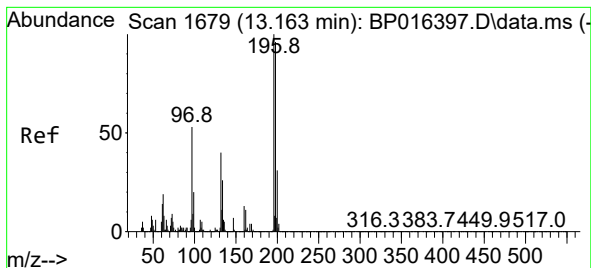
Tgt Ion:237 Resp: 1505931
Ion Ratio Lower Upper
237 100
235 63.8 42.7 82.7
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 112.955 ng
RT: 16.216 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:330 Resp: 1375097
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 33.6 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 51.412 ng

RT: 13.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

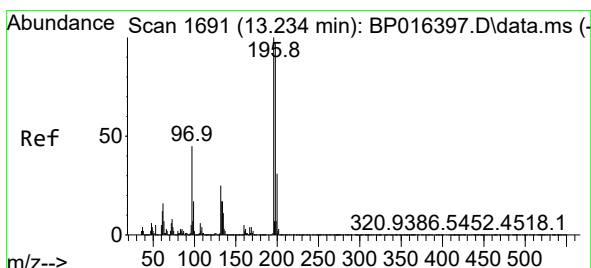
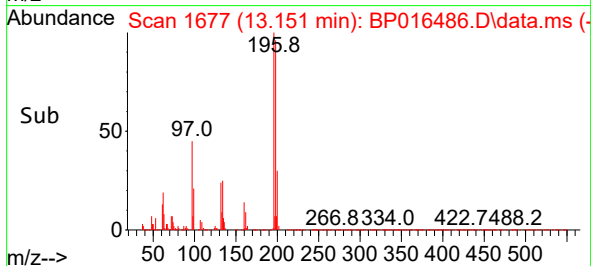
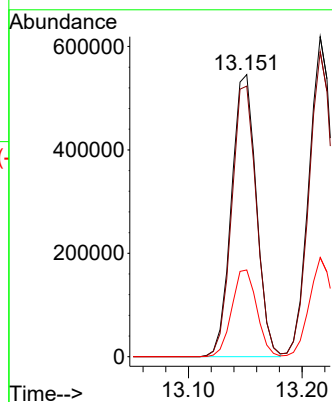
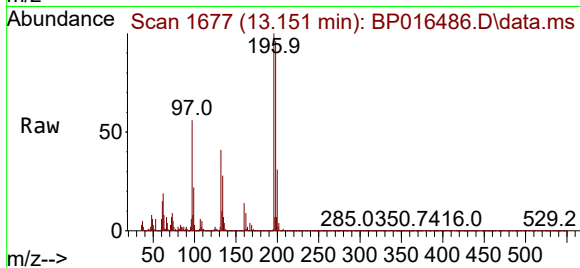
Tgt Ion:196 Resp: 829546

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.4

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.239 ng

RT: 13.216 min Scan# 1688

Delta R.T. -0.018 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Tgt Ion:196 Resp: 905173

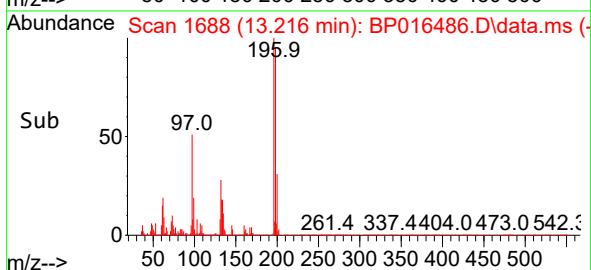
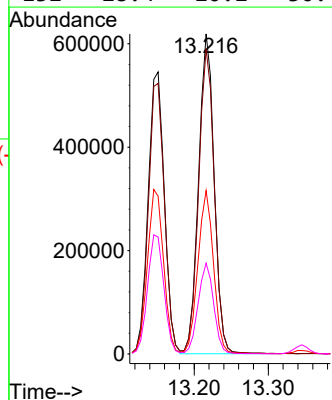
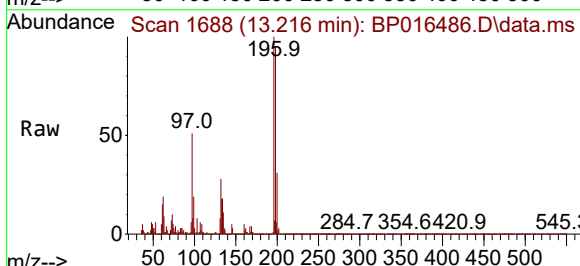
Ion Ratio Lower Upper

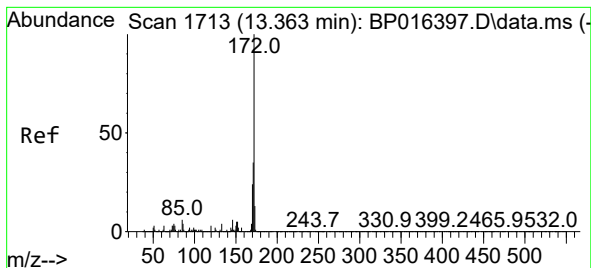
196 100

198 95.3 77.3 115.9

97 51.0 36.2 54.4

132 28.4 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 89.655 ng

RT: 13.345 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

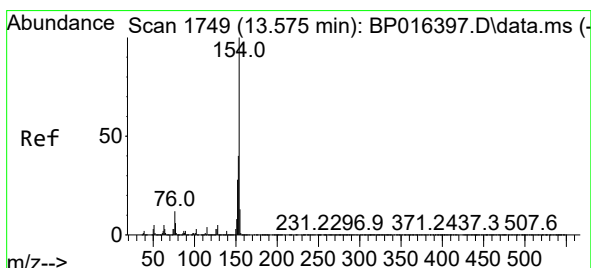
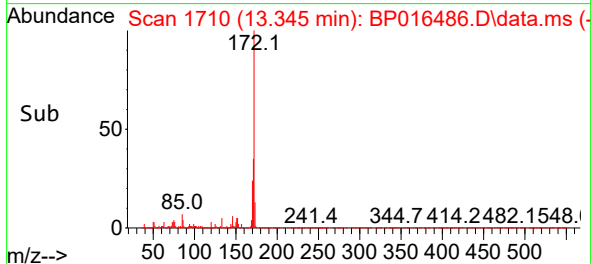
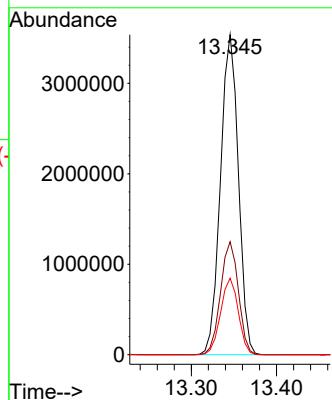
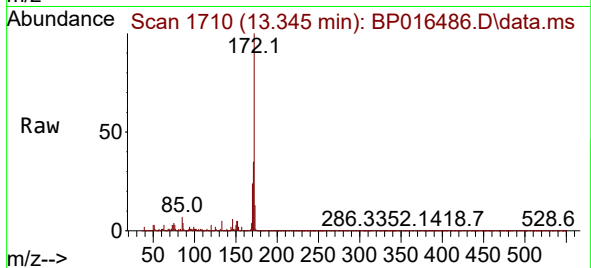
Tgt Ion:172 Resp: 5174842

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.716 ng

RT: 13.557 min Scan# 1746

Delta R.T. -0.018 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

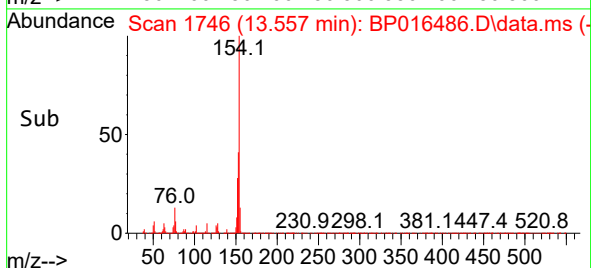
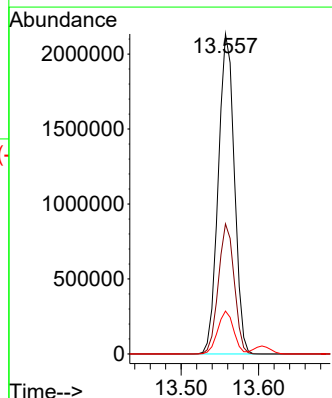
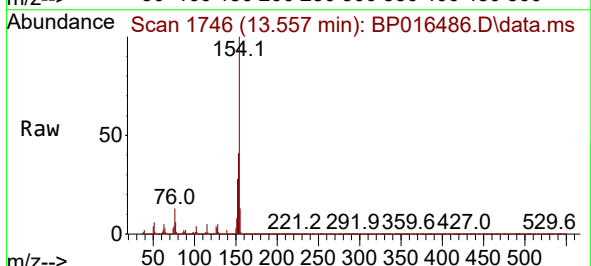
Tgt Ion:154 Resp: 3072994

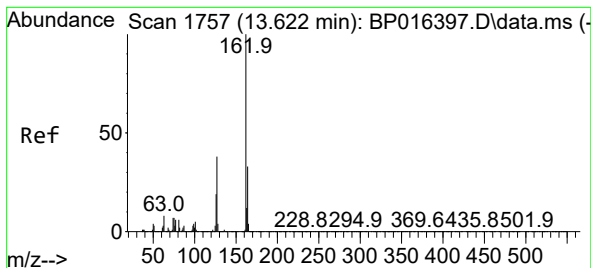
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 13.4 0.0 32.5

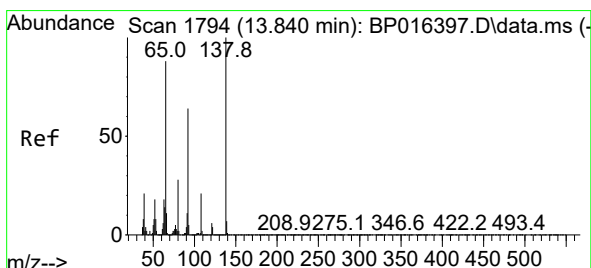
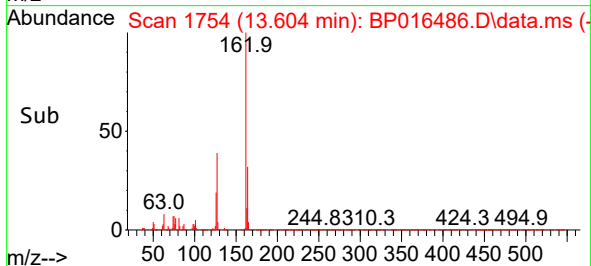
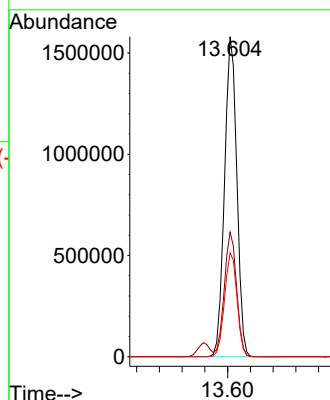
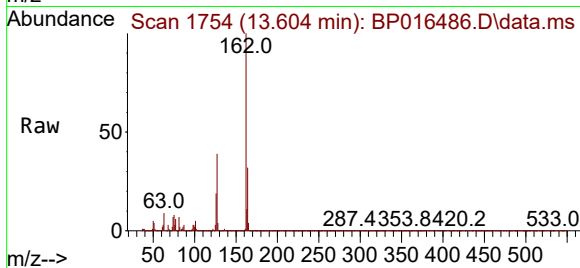




#47
2-Chloronaphthalene
Concen: 50.124 ng
RT: 13.604 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

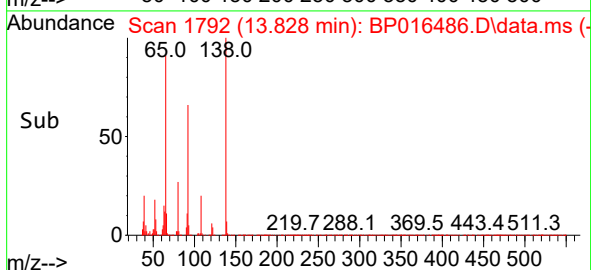
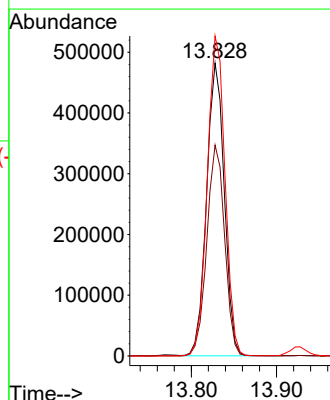
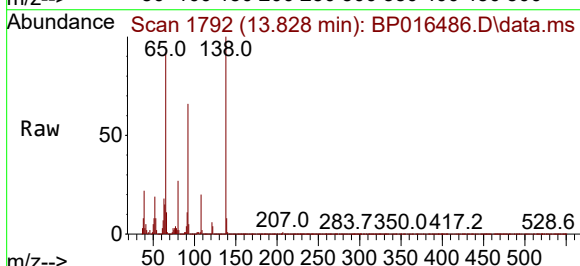
Instrument :
BNA_P
ClientSampleId :
PB154495BS

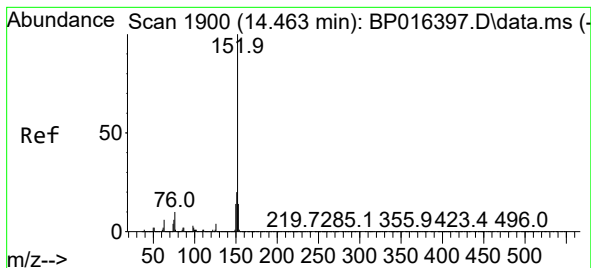
Tgt Ion:162 Resp: 2385373
Ion Ratio Lower Upper
162 100
127 38.9 30.1 45.1
164 32.3 26.6 39.8



#48
2-Nitroaniline
Concen: 51.834 ng
RT: 13.828 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 65 Resp: 695330
Ion Ratio Lower Upper
65 100
92 72.0 58.2 87.4
138 109.2 91.3 136.9





#49

Acenaphthylene

Concen: 48.864 ng

RT: 14.451 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

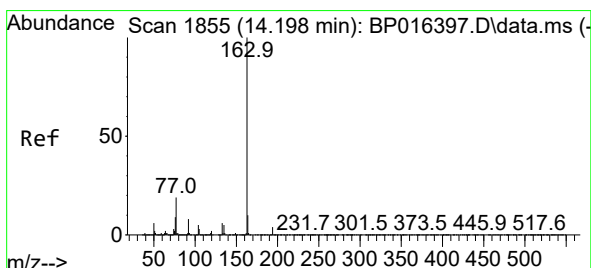
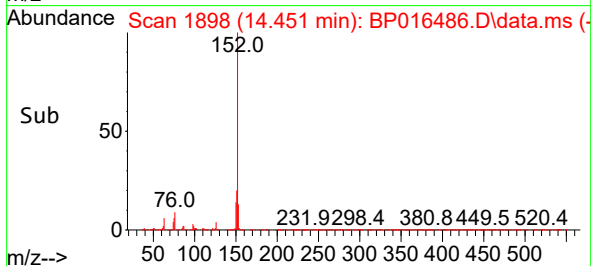
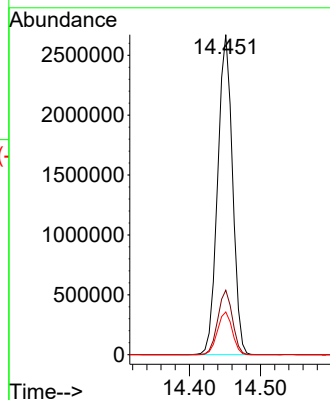
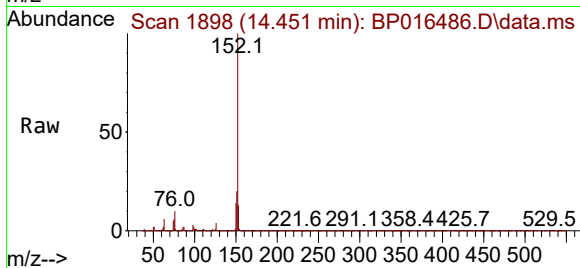
Tgt Ion:152 Resp: 3858342

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 44.650 ng

RT: 14.181 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

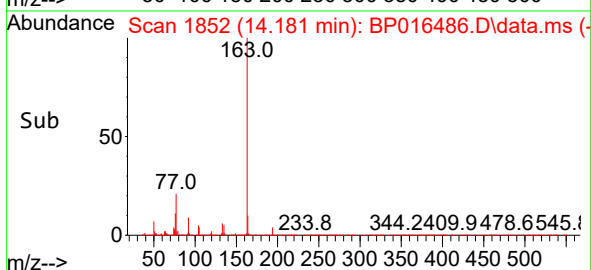
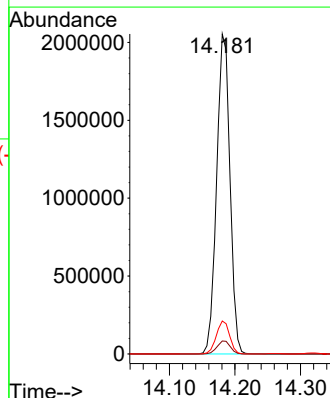
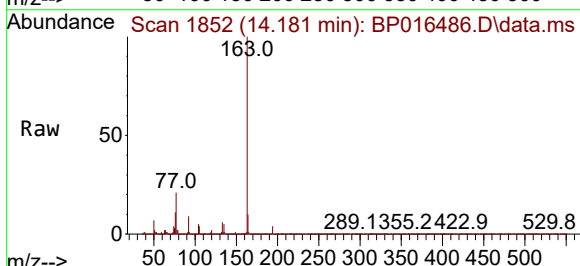
Tgt Ion:163 Resp: 2879239

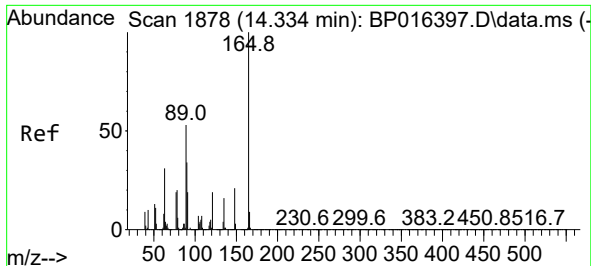
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.3 8.2 12.2

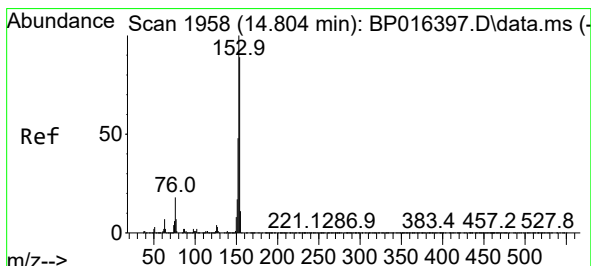
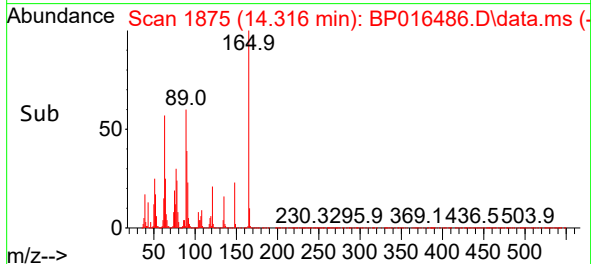
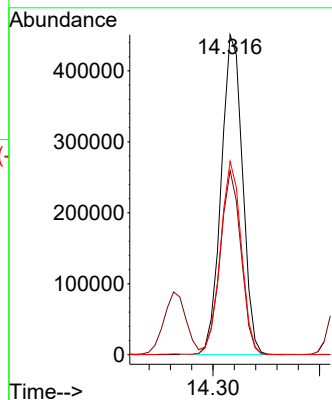
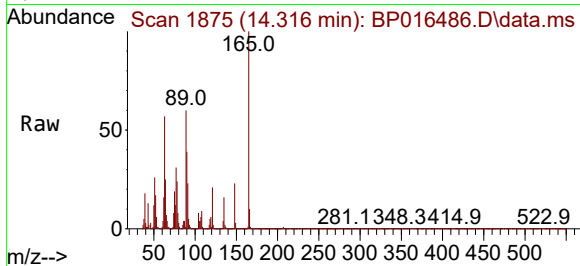




#51
2,6-Dinitrotoluene
Concen: 47.290 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

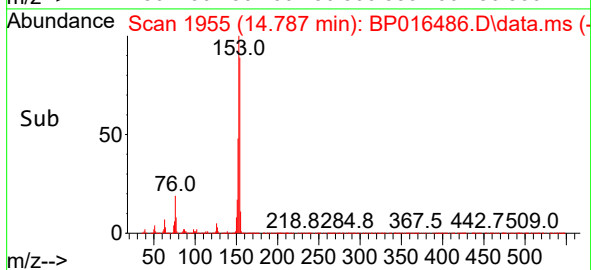
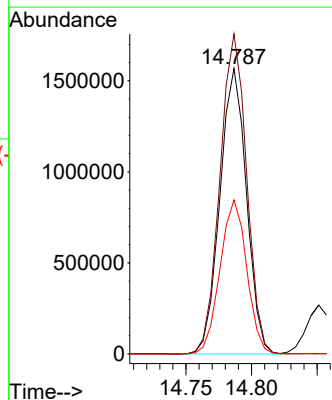
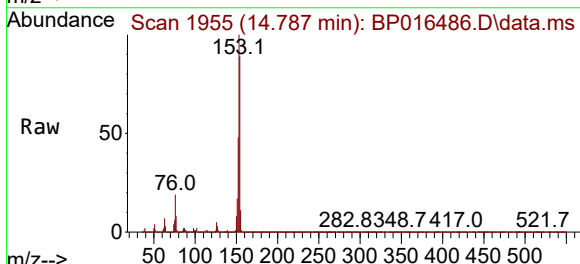
Instrument :
BNA_P
ClientSampleId :
PB154495BS

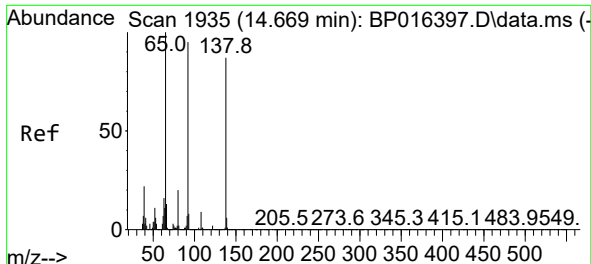
Tgt Ion:165 Resp: 624727
Ion Ratio Lower Upper
165 100
63 57.5 39.1 58.7
89 60.5 42.5 63.7



#52
Acenaphthene
Concen: 46.967 ng
RT: 14.787 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:154 Resp: 2205293
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 54.0 43.4 65.0

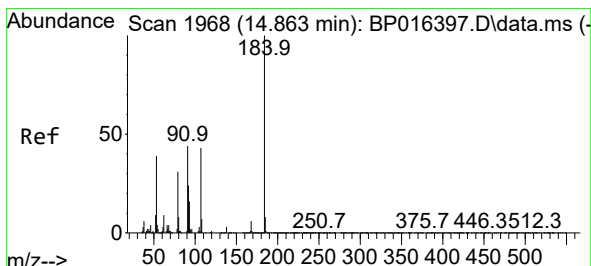
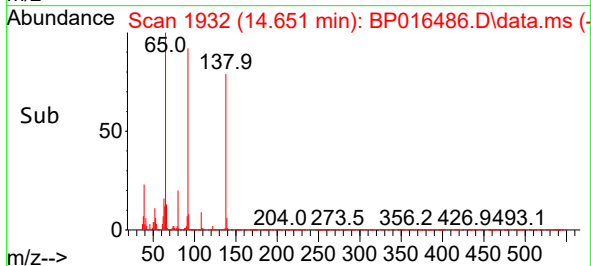
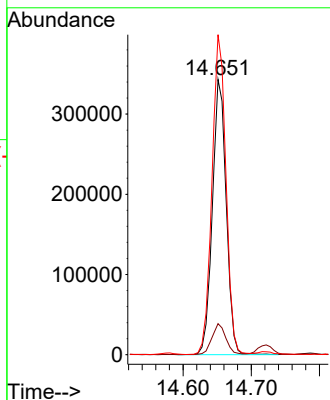
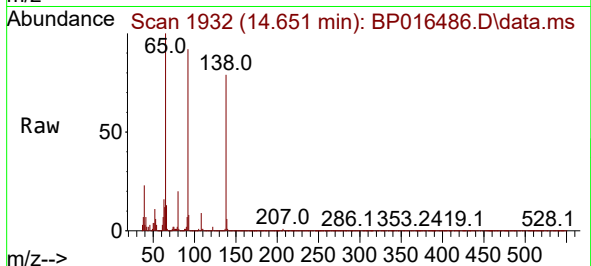




#53
3-Nitroaniline
Concen: 32.423 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

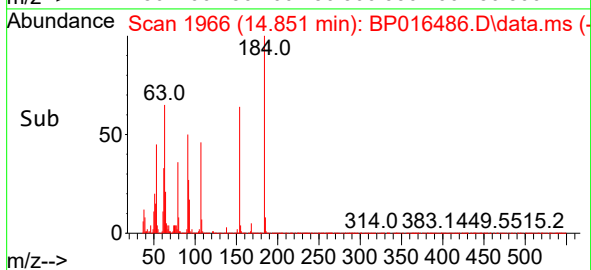
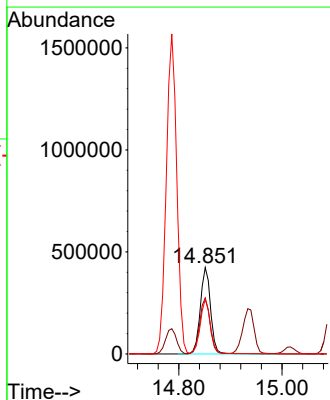
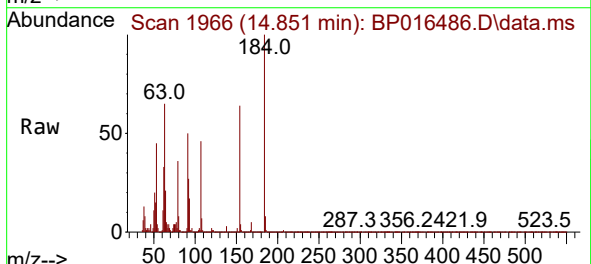
Instrument :
BNA_P
ClientSampleId :
PB154495BS

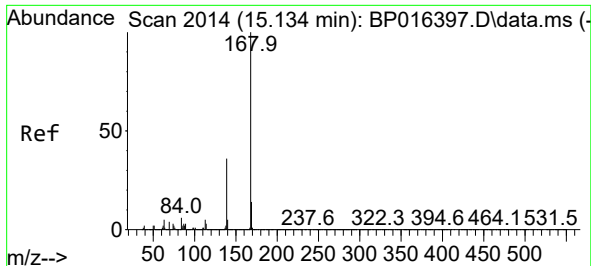
Tgt Ion:138 Resp: 484247
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 116.3 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 92.625 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:184 Resp: 581105
Ion Ratio Lower Upper
184 100
63 64.8 48.2 72.4
154 63.6 49.6 74.4

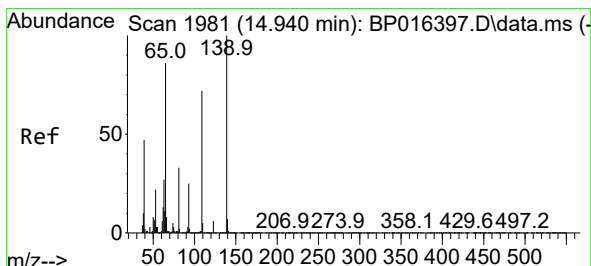
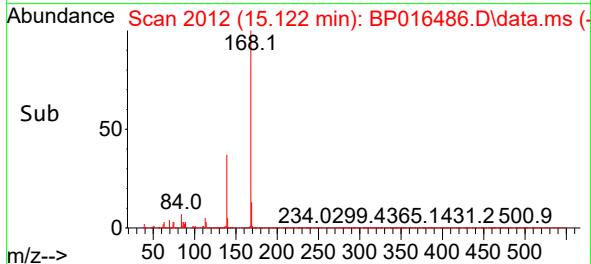
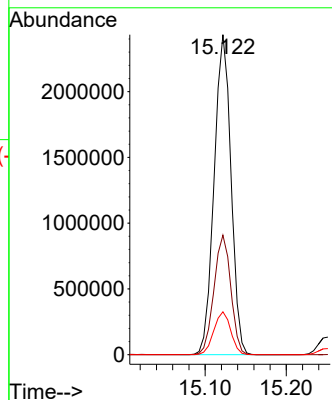
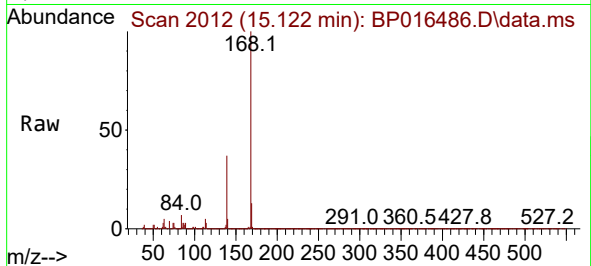




#55
Dibenzenofuran
Concen: 45.534 ng
RT: 15.122 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

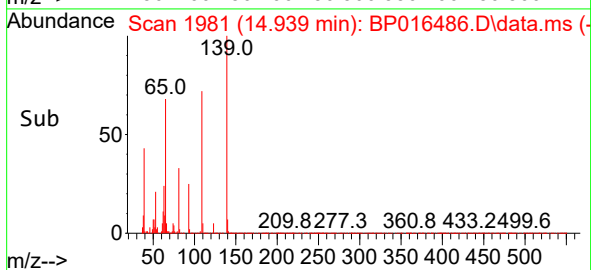
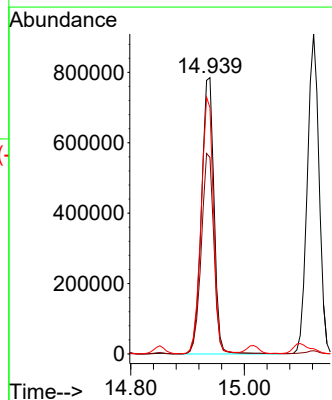
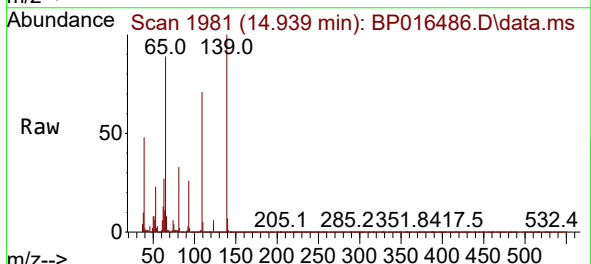
Instrument :
BNA_P
ClientSampleId :
PB154495BS

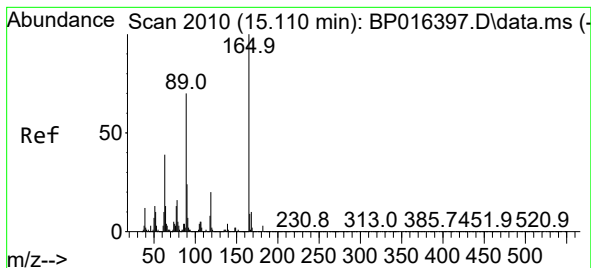
Tgt Ion:168 Resp: 3506522
Ion Ratio Lower Upper
168 100
139 37.4 28.9 43.3
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 102.664 ng
RT: 14.939 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:139 Resp: 1200265
Ion Ratio Lower Upper
139 100
109 71.1 51.9 91.9
65 89.2 66.2 106.2





#57

2,4-Dinitrotoluene

Concen: 49.020 ng

RT: 15.098 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

Tgt Ion:165 Resp: 843961

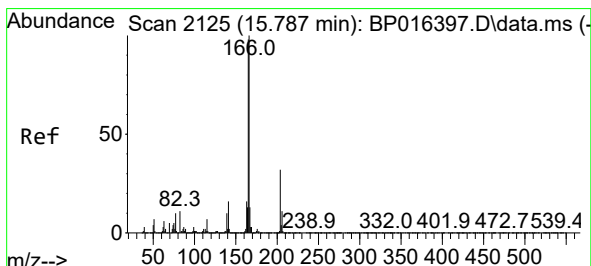
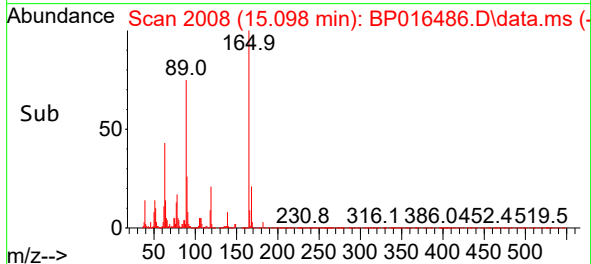
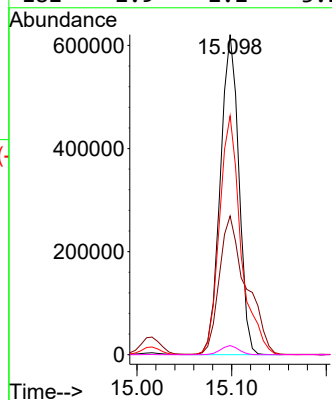
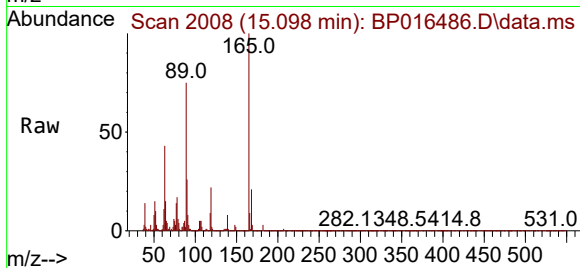
Ion Ratio Lower Upper

165 100

63 43.3 31.4 47.0

89 74.7 55.8 83.6

182 2.9 2.2 3.2



#58

Fluorene

Concen: 45.712 ng

RT: 15.775 min Scan# 2123

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

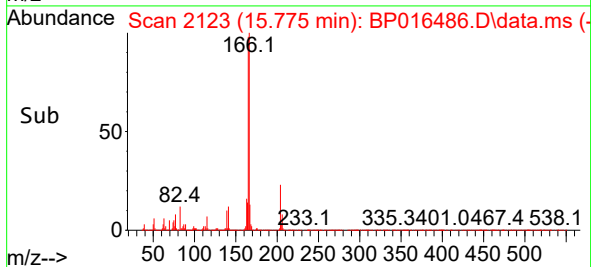
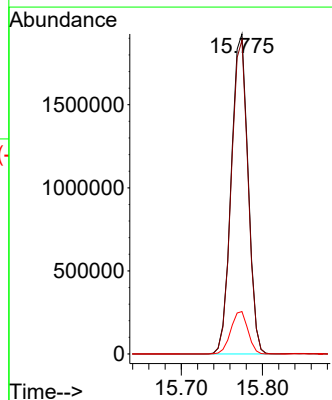
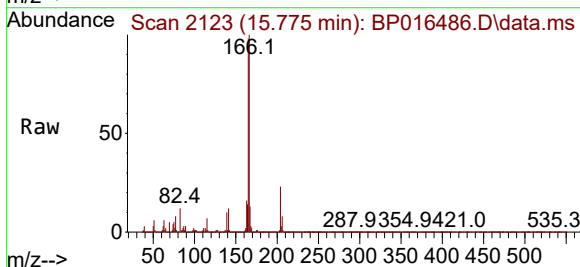
Tgt Ion:166 Resp: 2765545

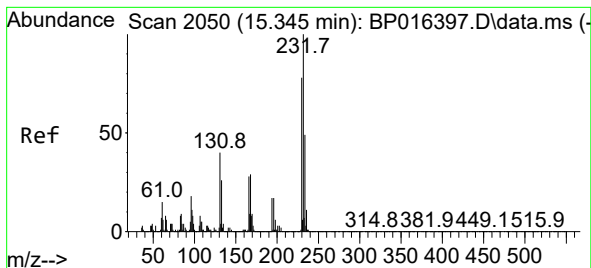
Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

167 13.3 10.6 16.0

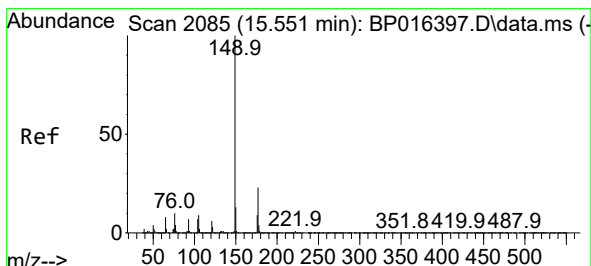
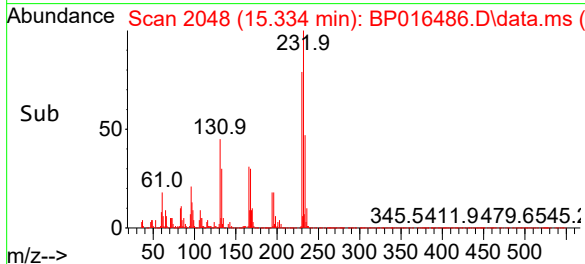
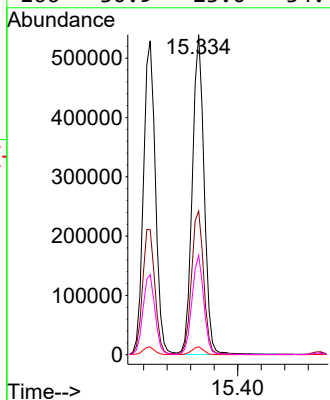
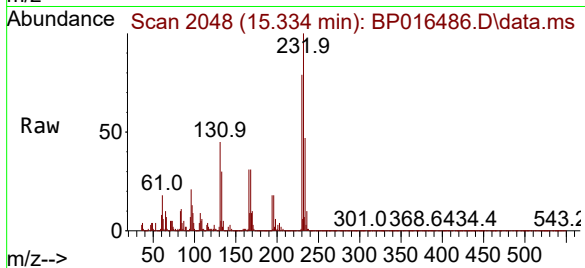




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.774 ng
RT: 15.334 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

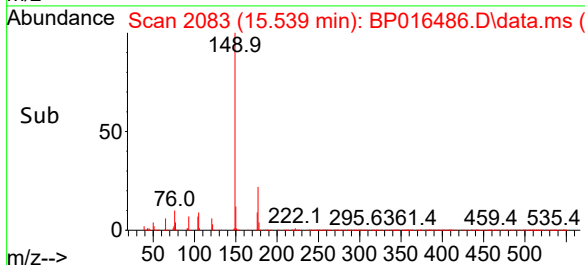
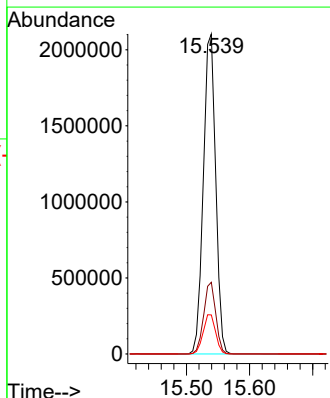
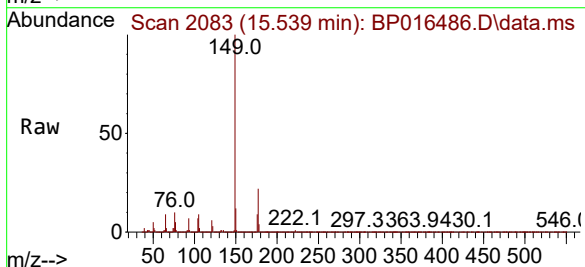
Instrument :
BNA_P
ClientSampleId :
PB154495BS

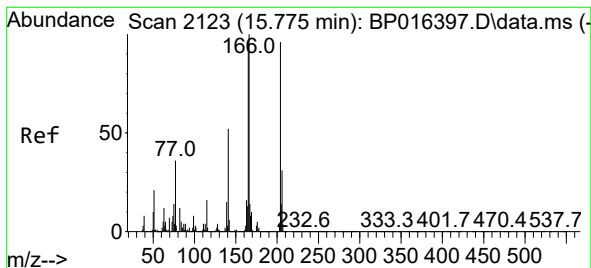
Tgt Ion:232 Resp: 753218
Ion Ratio Lower Upper
232 100
131 46.3 33.1 49.7
130 2.5 1.8 2.8
166 30.9 23.0 34.4



#60
Diethylphthalate
Concen: 44.421 ng
RT: 15.539 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:149 Resp: 2846654
Ion Ratio Lower Upper
149 100
177 22.4 18.6 27.8
150 12.2 10.1 15.1

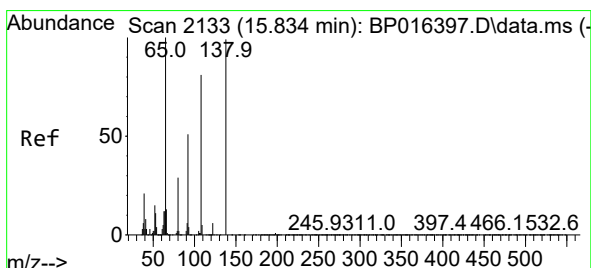
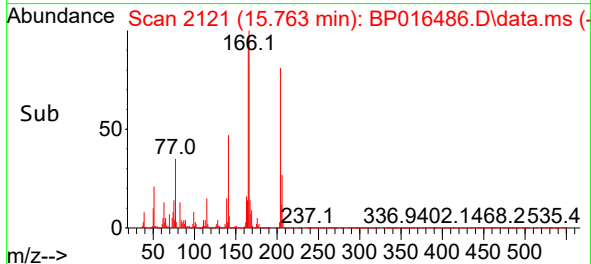
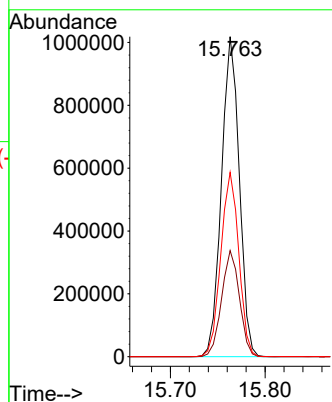
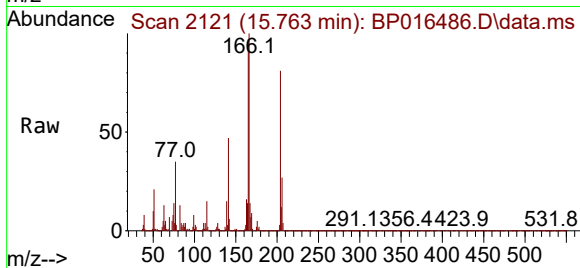




#61
4-Chlorophenyl-phenylether
Concen: 43.688 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

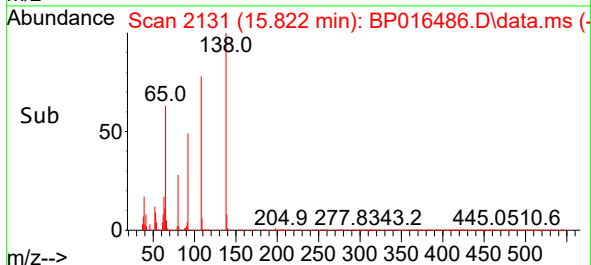
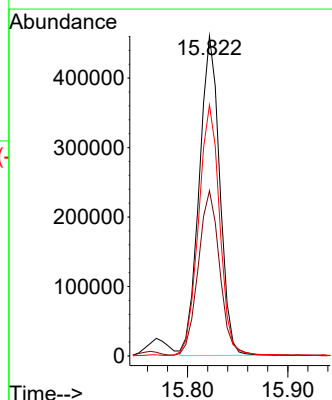
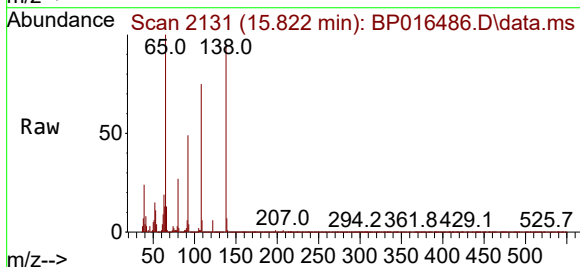
Instrument :
BNA_P
ClientSampleId :
PB154495BS

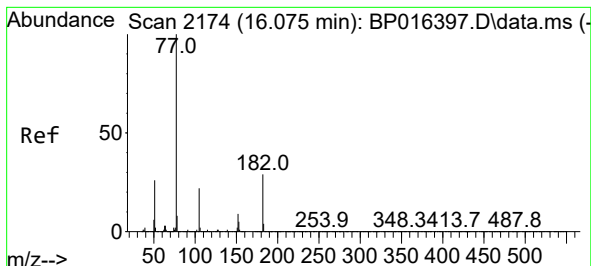
Tgt Ion:204 Resp: 1333783
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 57.6 43.4 65.0



#62
4-Nitroaniline
Concen: 44.041 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:138 Resp: 652774
Ion Ratio Lower Upper
138 100
92 51.6 30.3 70.3
108 78.4 60.1 100.1



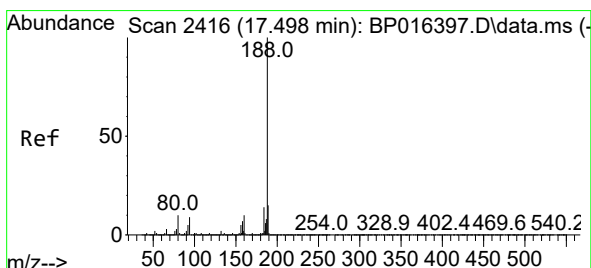
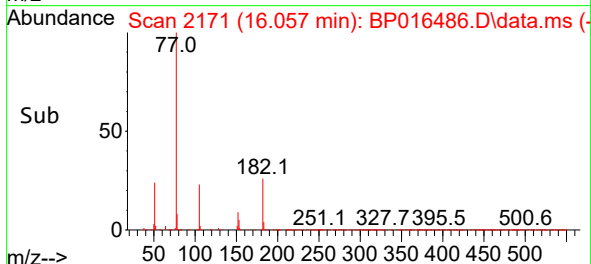
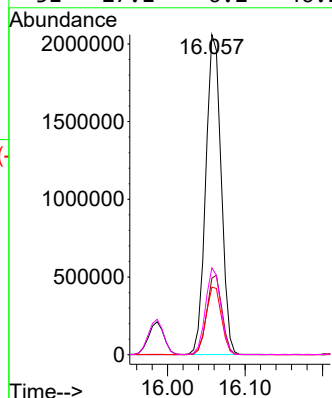
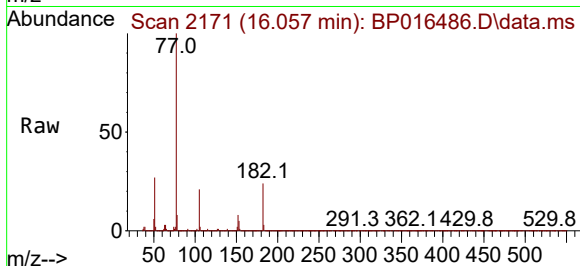


#63
Azobenzene
Concen: 46.796 ng
RT: 16.057 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Instrument :
BNA_P
ClientSampleId :
PB154495BS

Tgt Ion: 77 Resp: 2831633

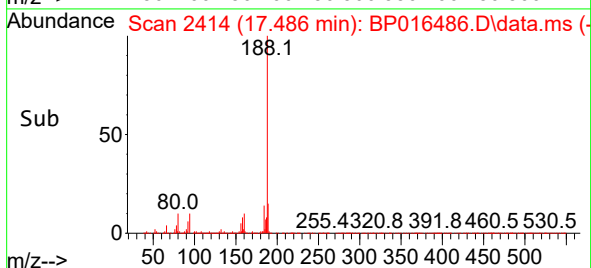
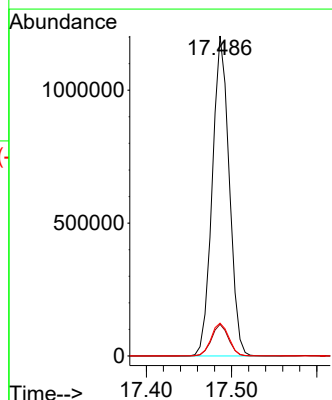
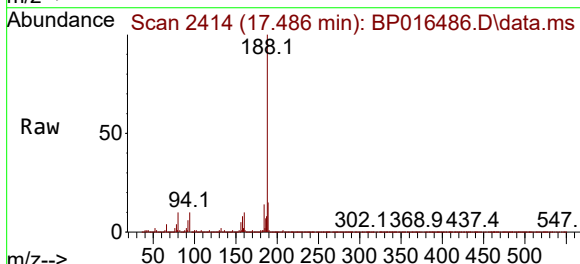
Ion	Ratio	Lower	Upper
77	100		
182	23.9	8.6	48.6
105	21.1	2.4	42.4
51	27.1	6.2	46.2

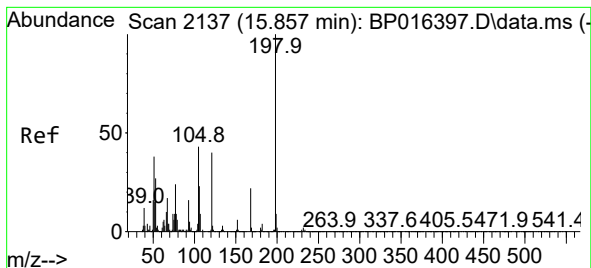


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion: 188 Resp: 1662856

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.0
80	10.3	7.8	11.8

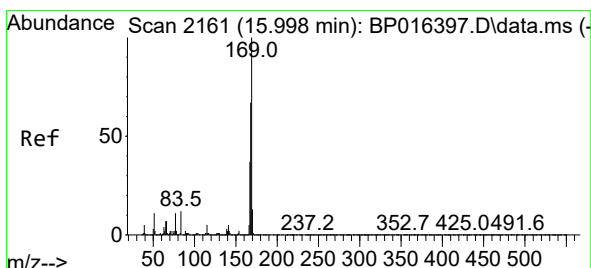
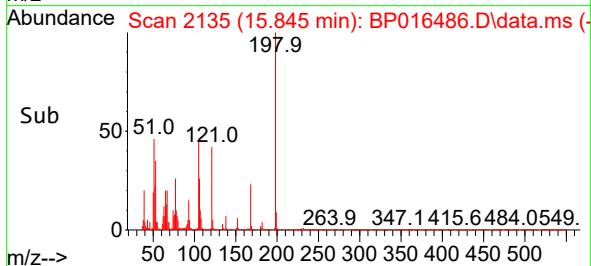
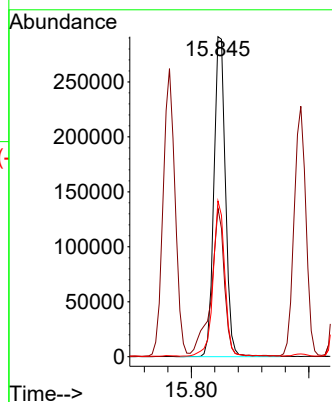
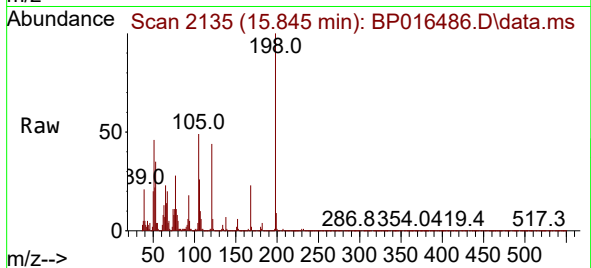




#65
4,6-Dinitro-2-methylphenol
Concen: 50.461 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

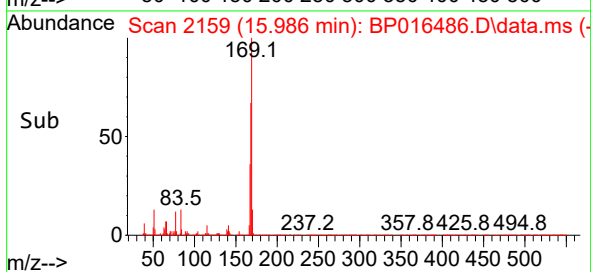
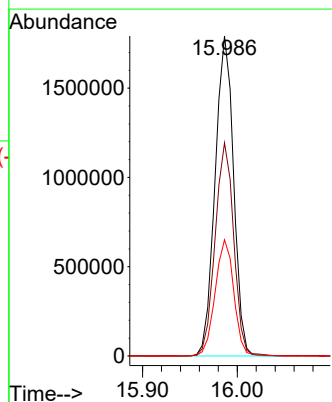
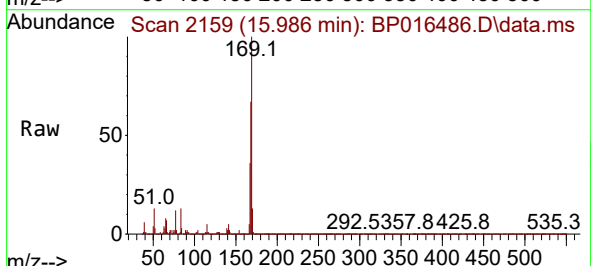
Instrument :
BNA_P
ClientSampleId :
PB154495BS

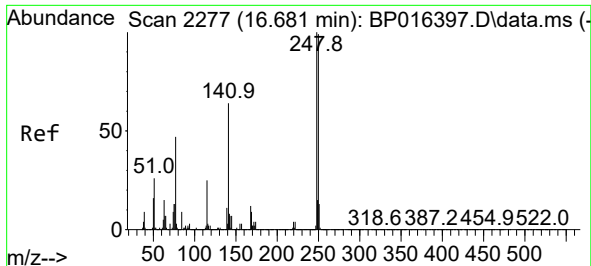
Tgt Ion:198 Resp: 395791
Ion Ratio Lower Upper
198 100
51 46.4 20.1 60.1
105 48.7 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 49.517 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:169 Resp: 2426634
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.3 29.2 43.8

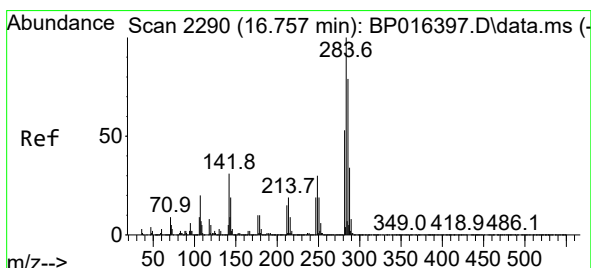
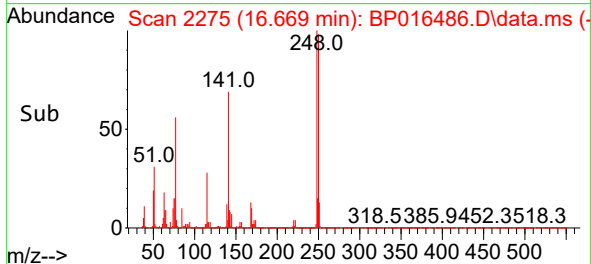
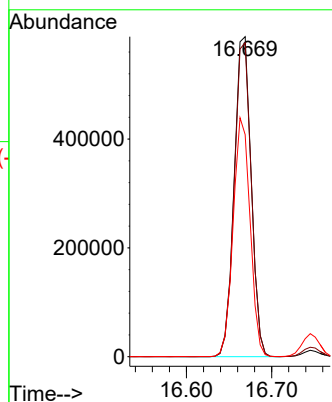
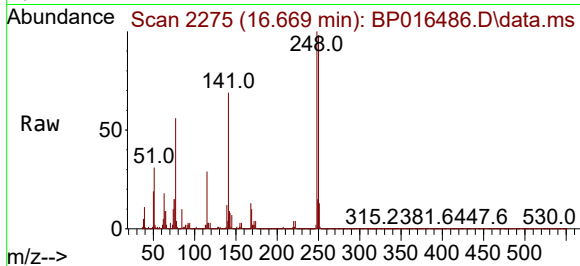




#67
4-Bromophenyl-phenylether
Concen: 46.313 ng
RT: 16.669 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

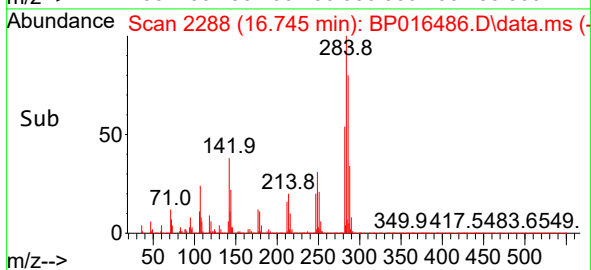
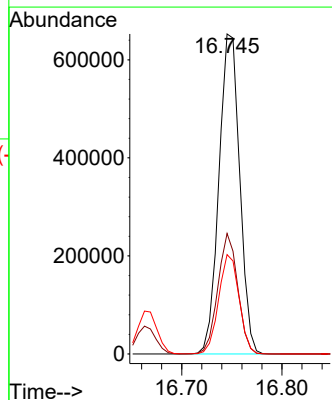
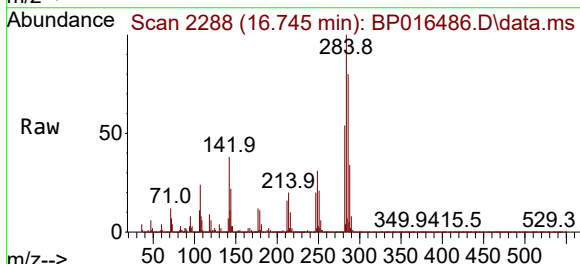
Instrument :
BNA_P
ClientSampleId :
PB154495BS

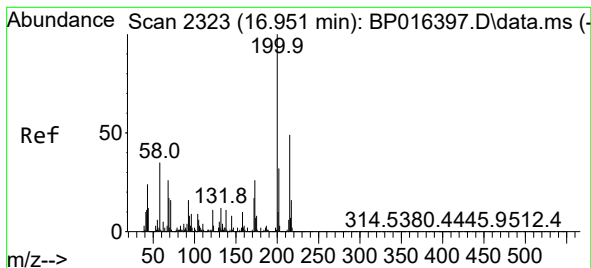
Tgt Ion:248 Resp: 815462
Ion Ratio Lower Upper
248 100
250 98.1 78.9 118.3
141 69.4 51.0 76.4



#68
Hexachlorobenzene
Concen: 47.717 ng
RT: 16.745 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:284 Resp: 936947
Ion Ratio Lower Upper
284 100
142 37.7 25.2 37.8
249 31.0 26.0 39.0





#69

Atrazine

Concen: 56.929 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

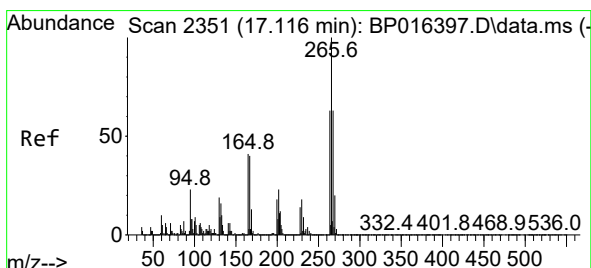
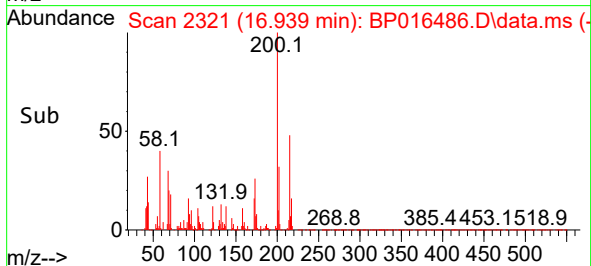
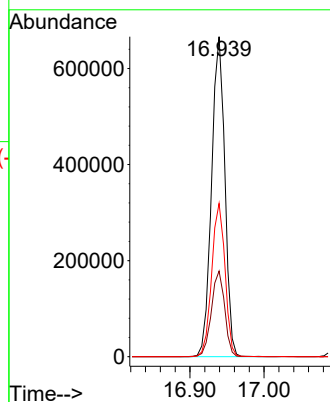
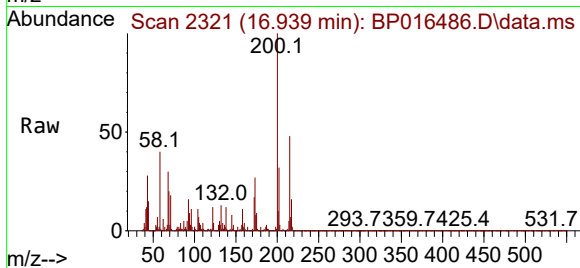
Tgt Ion:200 Resp: 829689

Ion Ratio Lower Upper

200 100

173 26.8 5.8 45.8

215 47.9 29.2 69.2



#70

Pentachlorophenol

Concen: 80.263 ng

RT: 17.110 min Scan# 2350

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

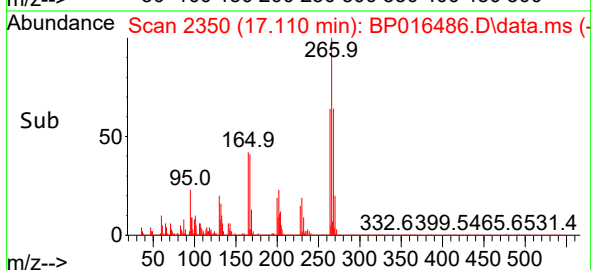
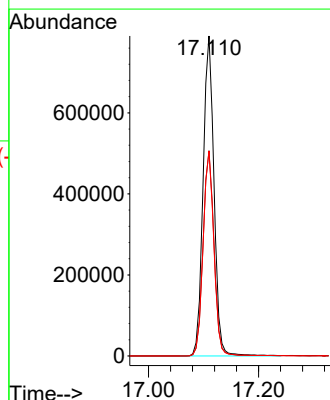
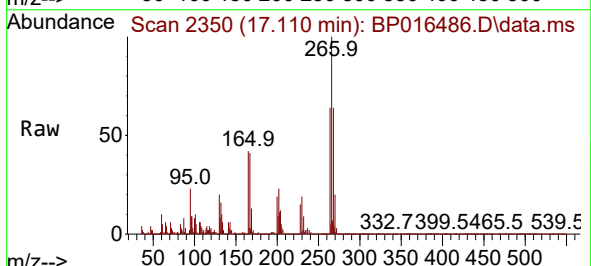
Tgt Ion:266 Resp: 1090636

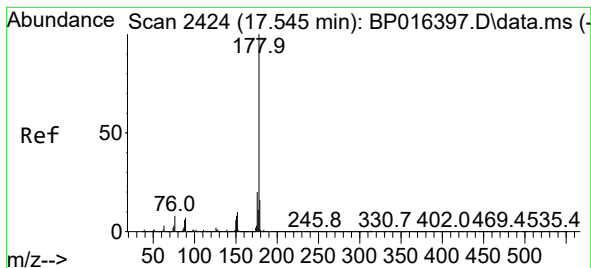
Ion Ratio Lower Upper

266 100

268 64.1 53.9 80.9

264 64.0 54.9 82.3





#71

Phenanthrene

Concen: 48.135 ng

RT: 17.533 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

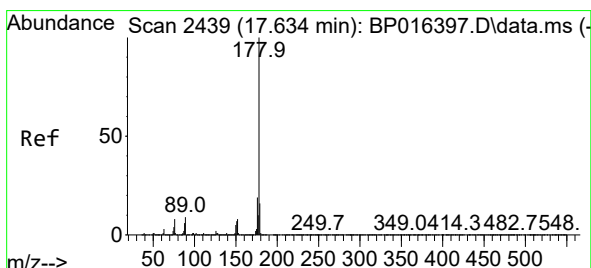
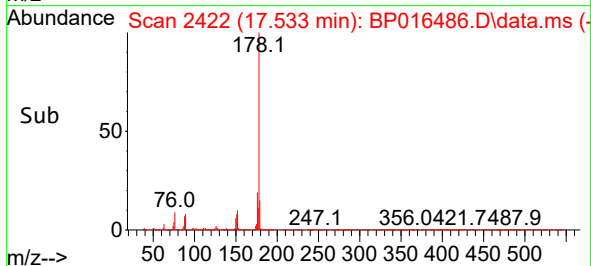
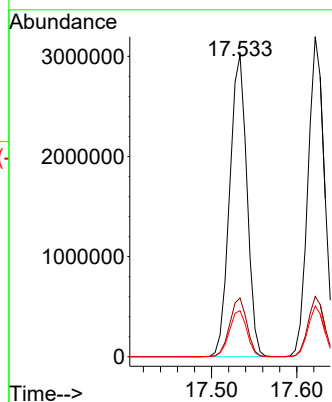
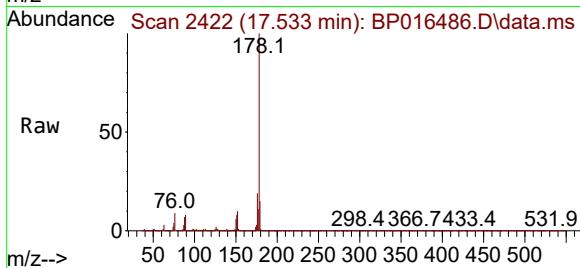
Tgt Ion:178 Resp: 4250182

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.3 12.4 18.6



#72

Anthracene

Concen: 48.426 ng

RT: 17.622 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

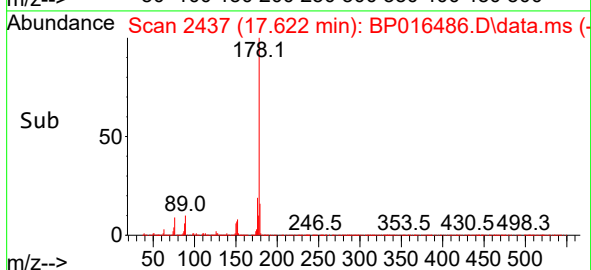
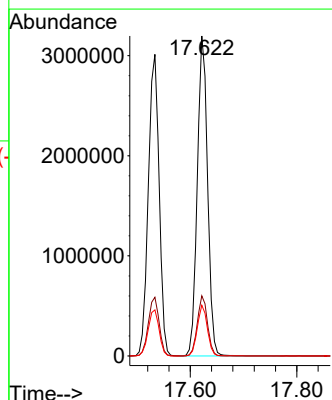
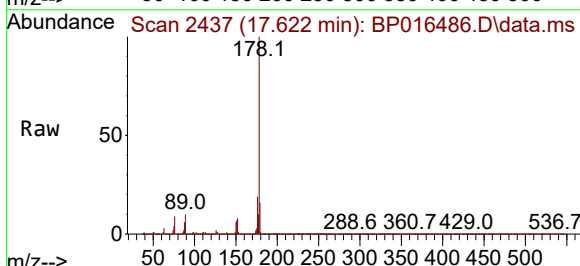
Tgt Ion:178 Resp: 4299542

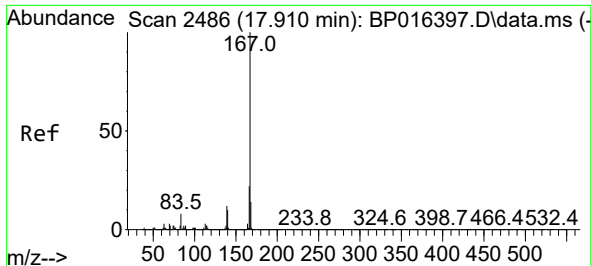
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.8 12.6 19.0

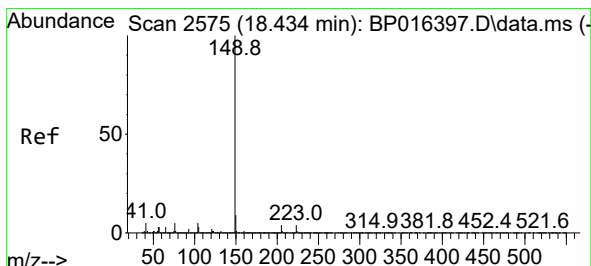
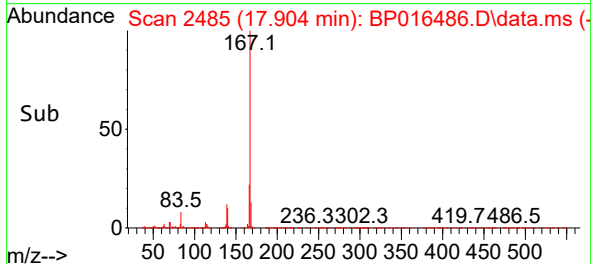
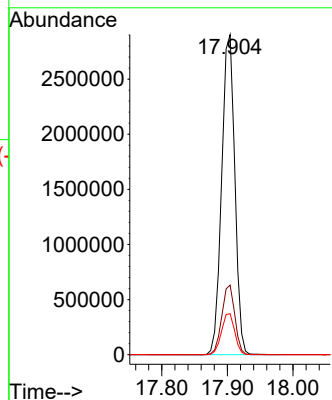
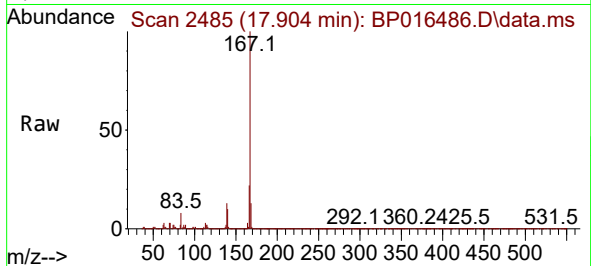




#73
Carbazole
Concen: 48.336 ng
RT: 17.904 min Scan# 2485
Delta R.T. -0.006 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

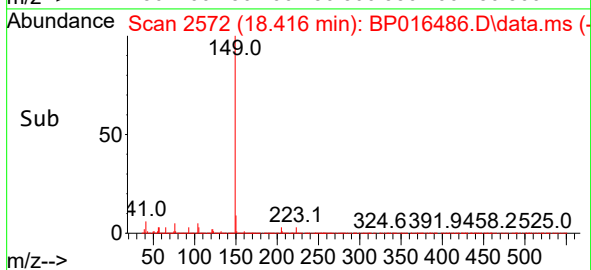
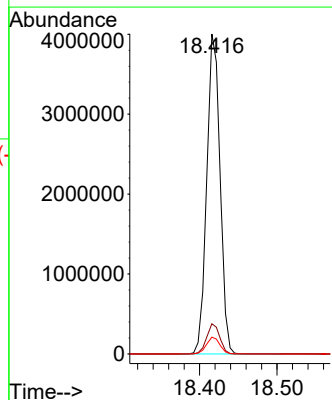
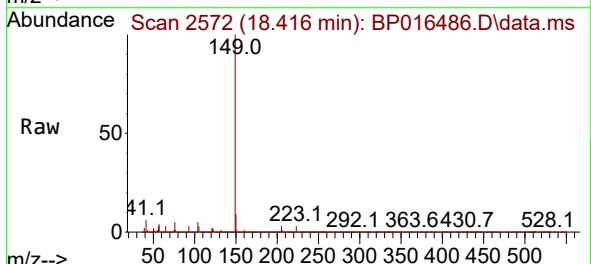
Instrument :
BNA_P
ClientSampleId :
PB154495BS

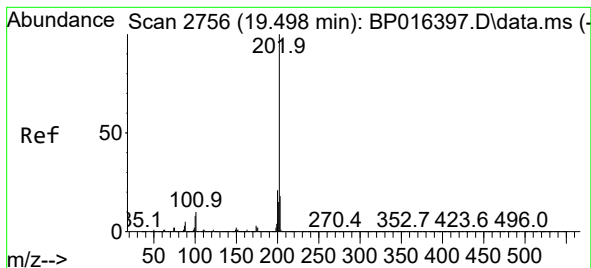
Tgt Ion:167 Resp: 4023568
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 49.461 ng
RT: 18.416 min Scan# 2572
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:149 Resp: 4763315
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.2 3.8 5.8





#75

Fluoranthene

Concen: 46.208 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

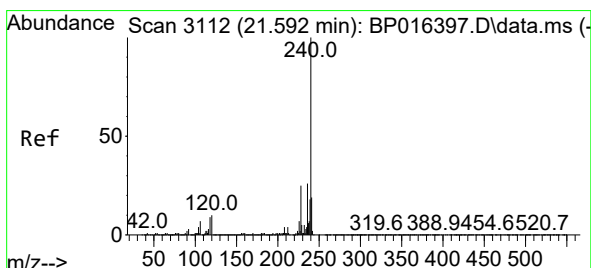
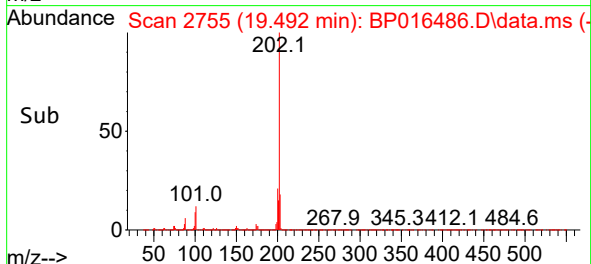
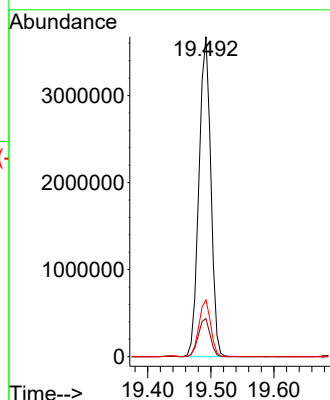
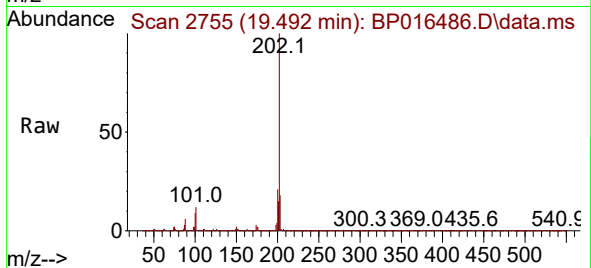
Tgt Ion:202 Resp: 4782169

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.2

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

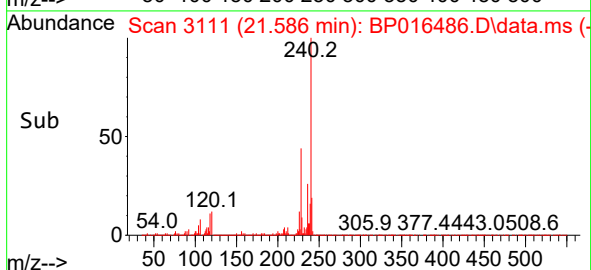
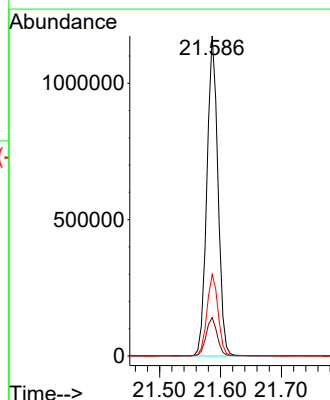
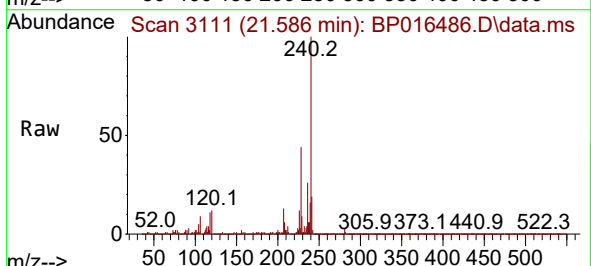
Tgt Ion:240 Resp: 1473705

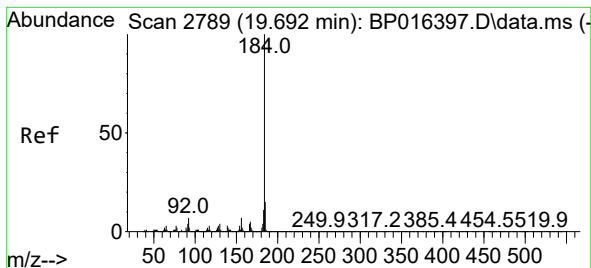
Ion Ratio Lower Upper

240 100

120 12.0 7.9 11.9#

236 25.5 21.1 31.7





#77

Benzidine

Concen: 80.825 ng

RT: 19.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

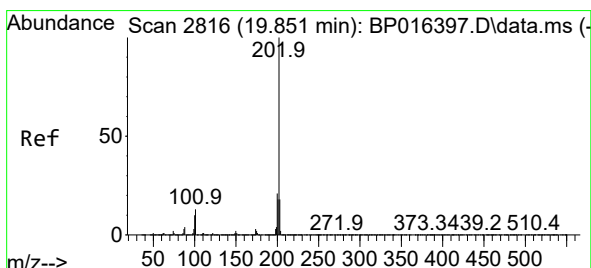
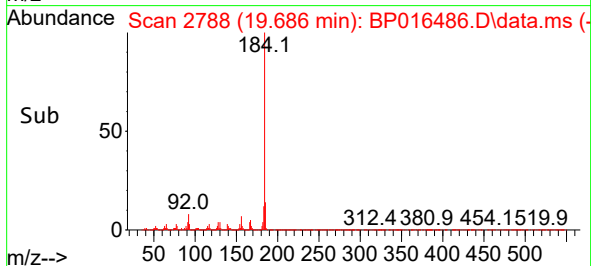
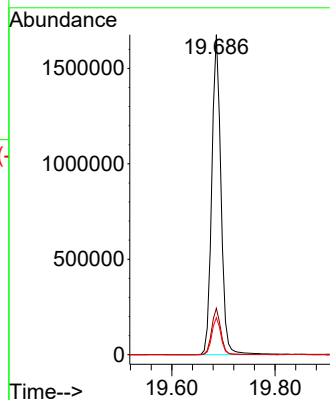
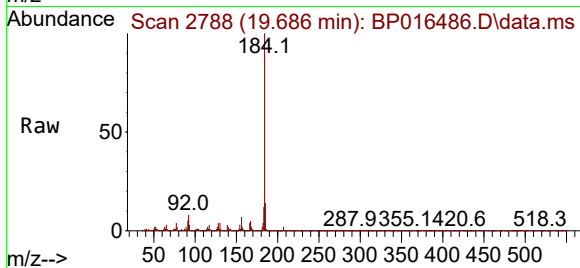
Tgt Ion:184 Resp: 2065133

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

183 11.6 9.2 13.8



#78

Pyrene

Concen: 49.920 ng

RT: 19.845 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

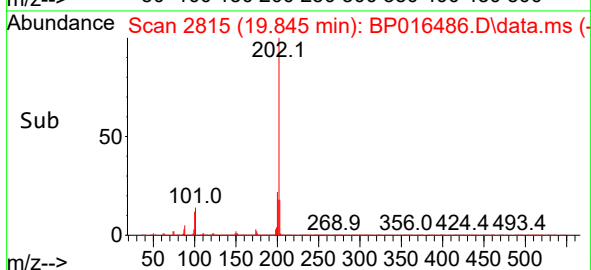
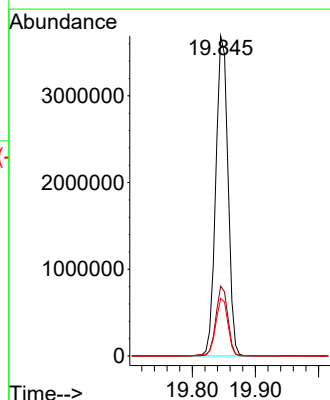
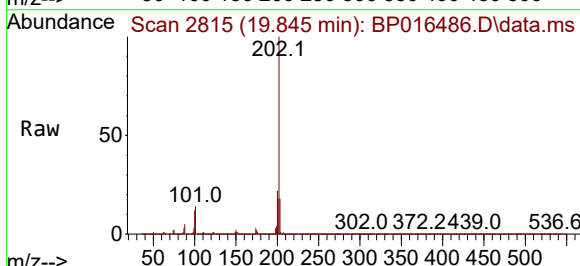
Tgt Ion:202 Resp: 4931647

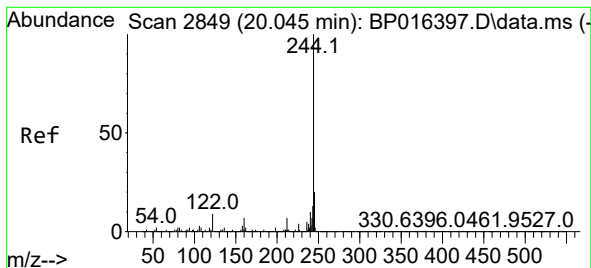
Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 98.465 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

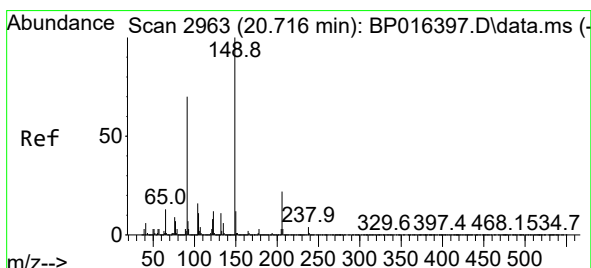
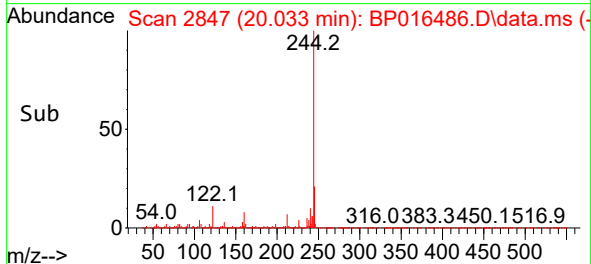
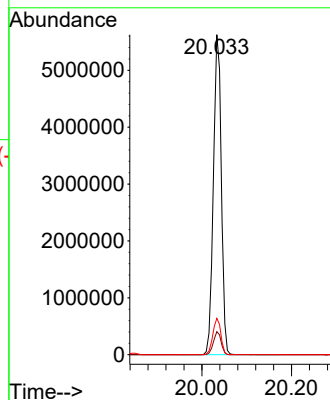
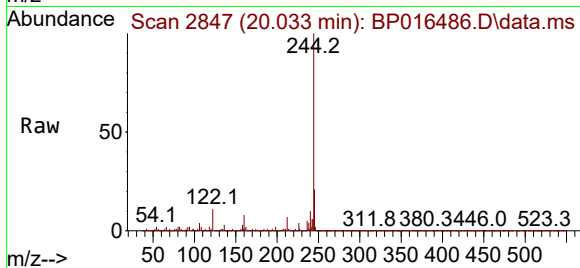
Tgt Ion:244 Resp: 6869289

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.3 7.4 11.2#



#80

Butylbenzylphthalate

Concen: 54.330 ng

RT: 20.710 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

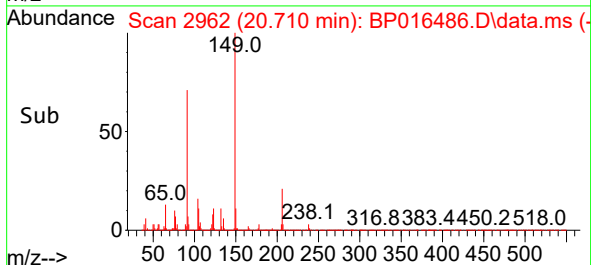
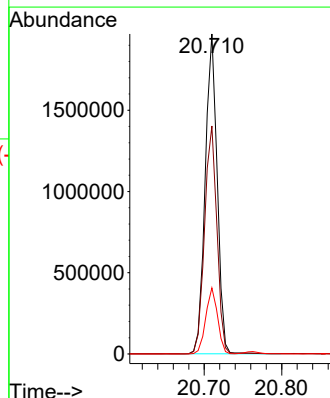
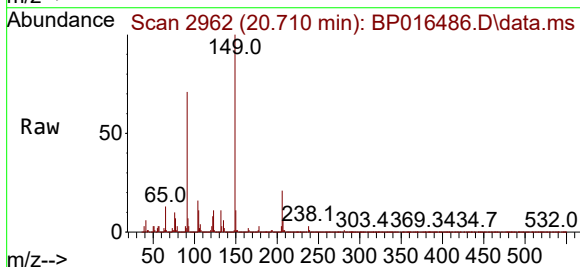
Tgt Ion:149 Resp: 2108587

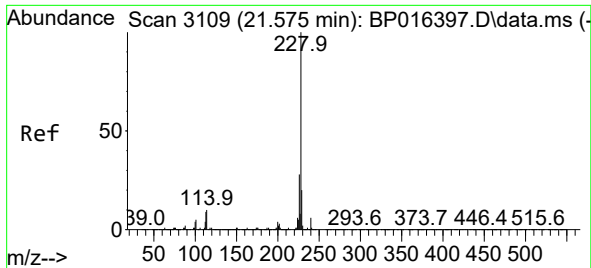
Ion Ratio Lower Upper

149 100

91 71.3 56.1 84.1

206 20.7 17.8 26.6

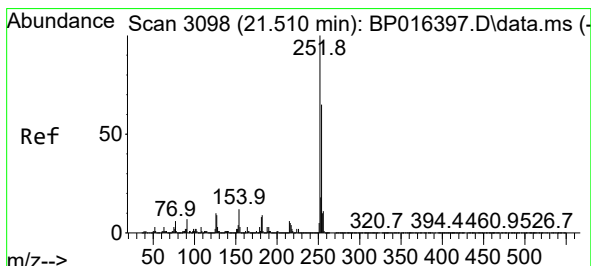
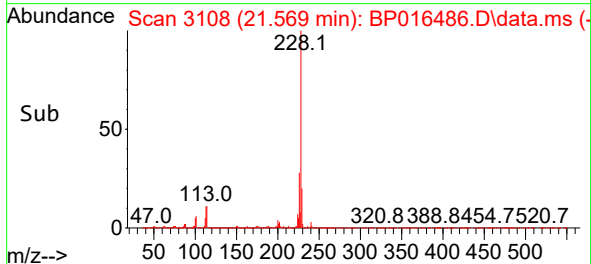
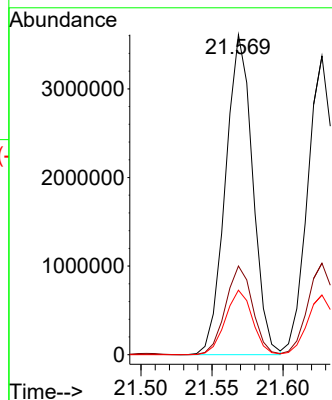
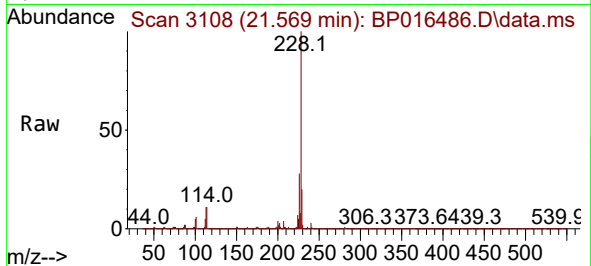




#81
Benzo(a)anthracene
Concen: 48.565 ng
RT: 21.569 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

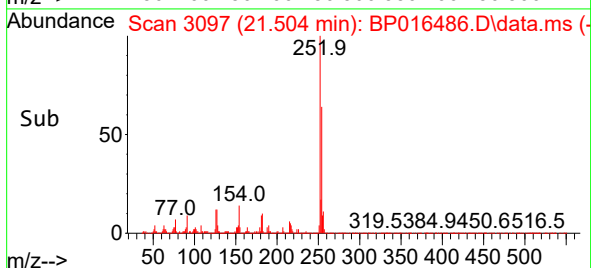
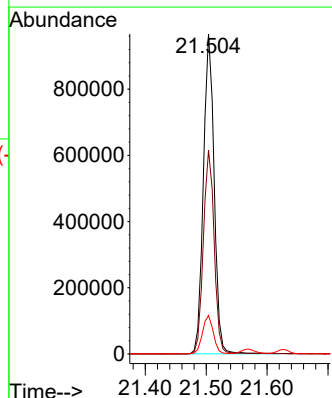
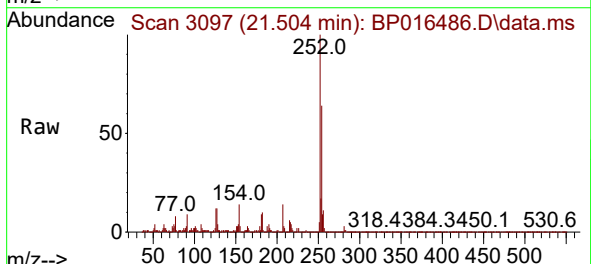
Instrument :
BNA_P
ClientSampleId :
PB154495BS

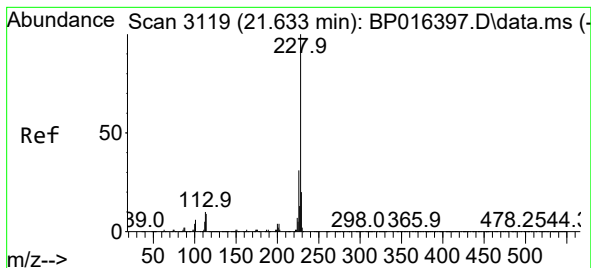
Tgt Ion:228 Resp: 4802077
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.1 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 36.477 ng
RT: 21.504 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:252 Resp: 1184008
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.2
126 12.0 7.8 11.6





#83

Chrysene

Concen: 47.185 ng

RT: 21.627 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

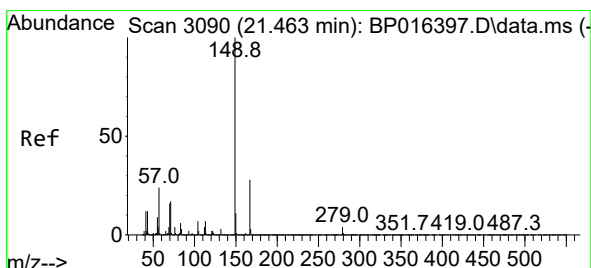
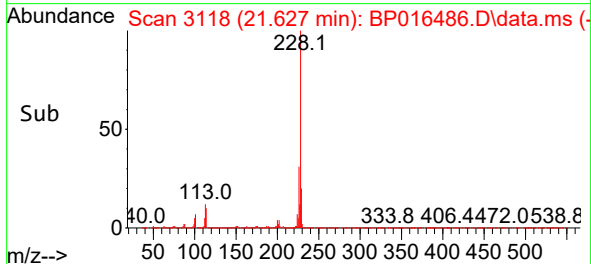
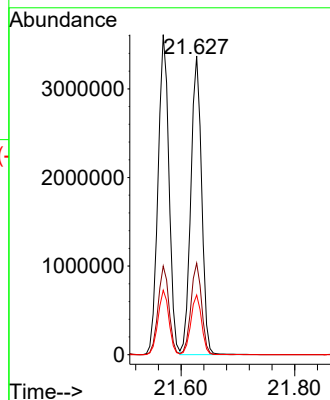
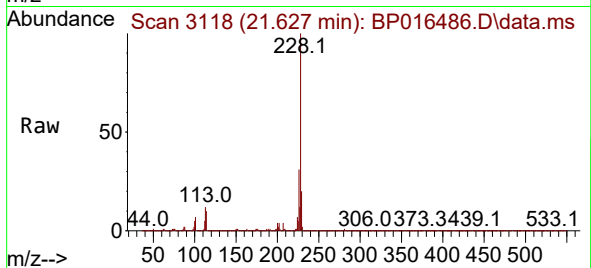
Tgt Ion:228 Resp: 4455234

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.480 ng

RT: 21.451 min Scan# 3088

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

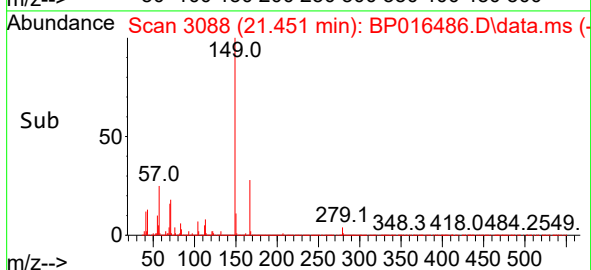
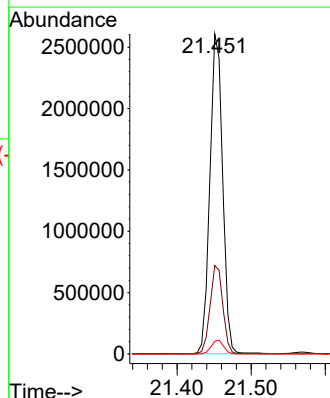
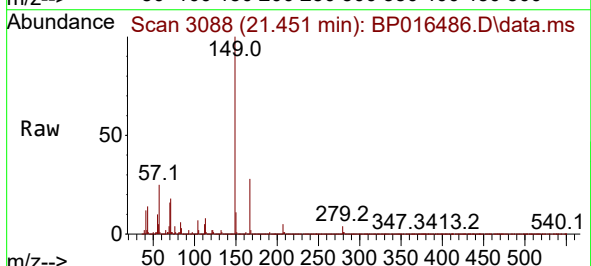
Tgt Ion:149 Resp: 3116185

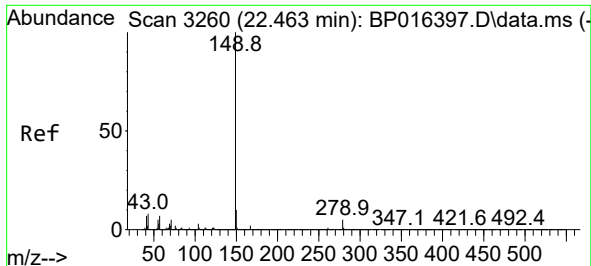
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.0 3.6 5.4

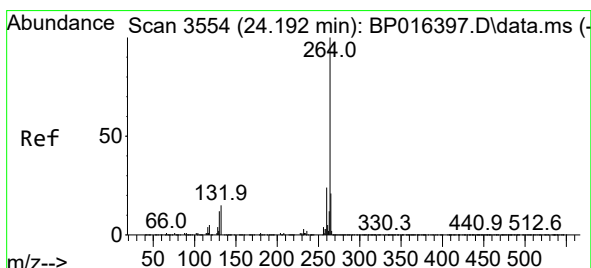
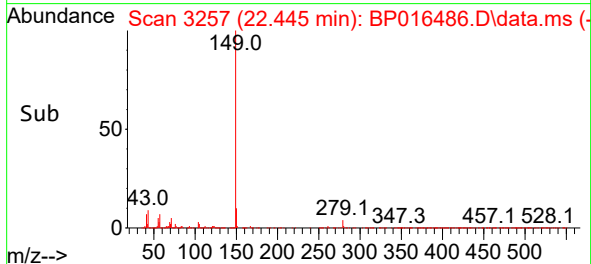
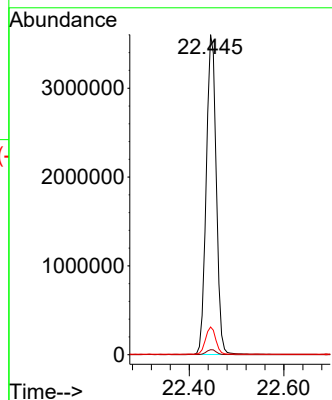
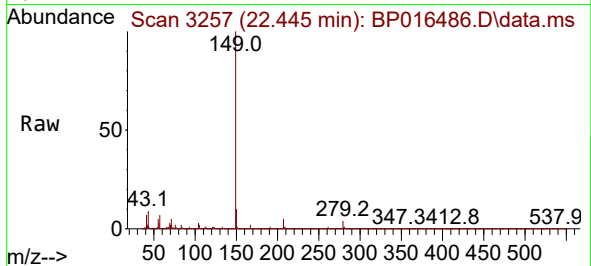




#85
Di-n-octyl phthalate
Concen: 53.722 ng
RT: 22.445 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

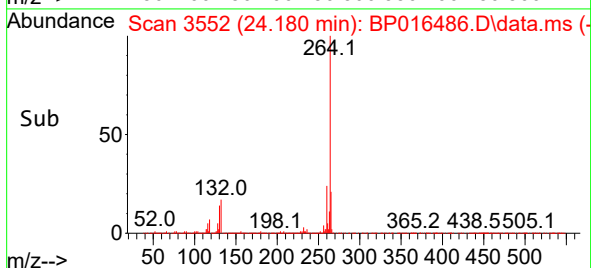
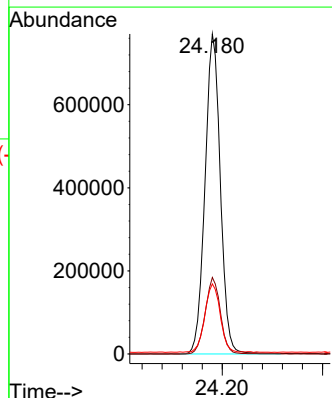
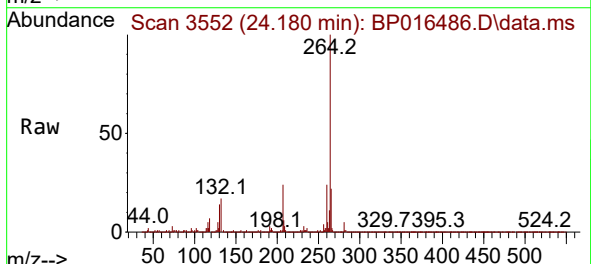
Instrument :
BNA_P
ClientSampleId :
PB154495BS

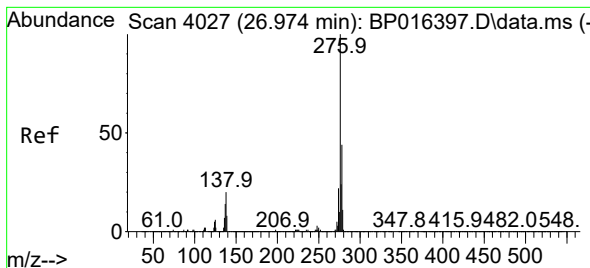
Tgt Ion:149 Resp: 5264635
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 6.6 9.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.180 min Scan# 3552
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:264 Resp: 1635585
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.417 ng

RT: 26.951 min Scan# 4023

Delta R.T. -0.024 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

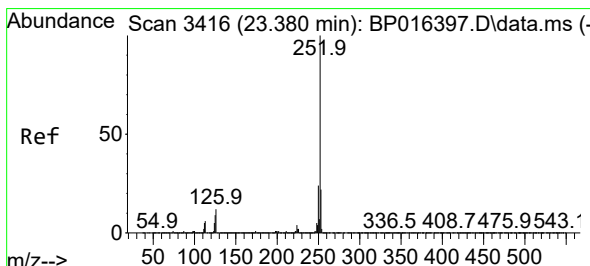
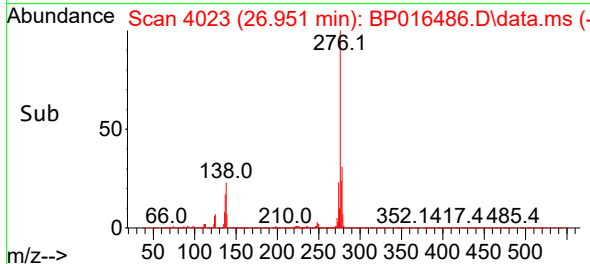
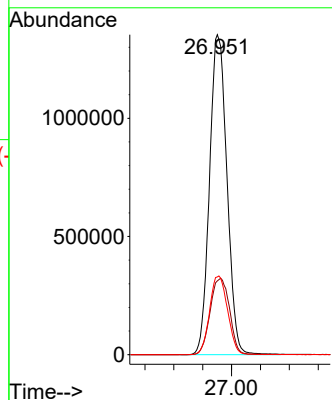
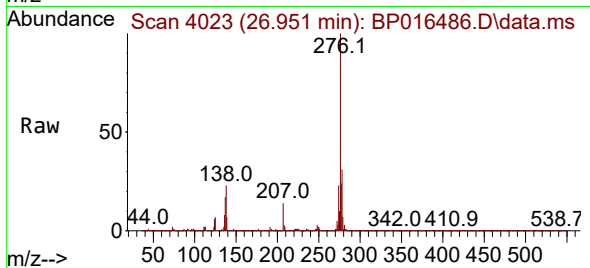
Tgt Ion:276 Resp: 5669644

Ion Ratio Lower Upper

276 100

138 26.5 18.4 27.6

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 51.411 ng

RT: 23.374 min Scan# 3415

Delta R.T. -0.006 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

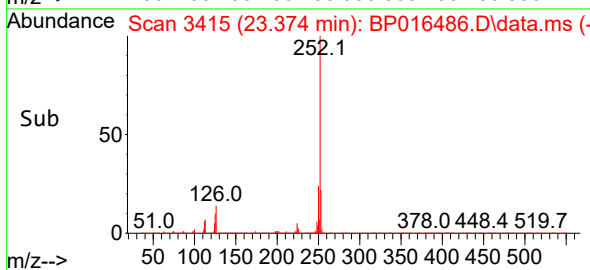
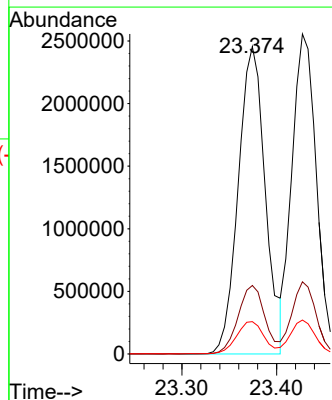
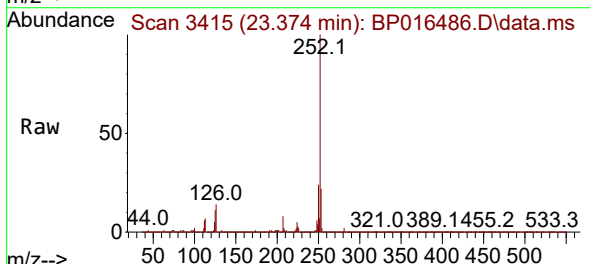
Tgt Ion:252 Resp: 4874213

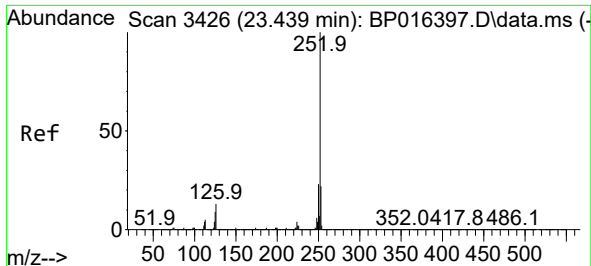
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.5 7.4 11.2

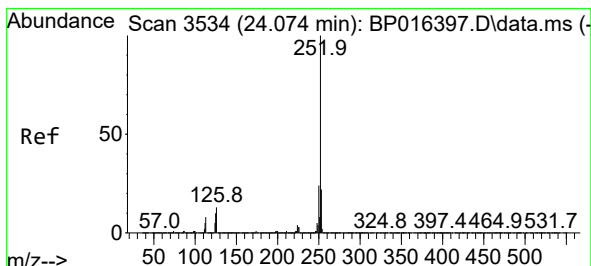
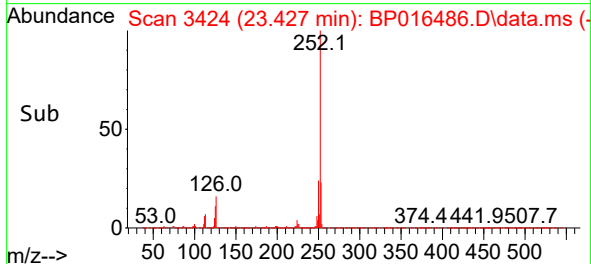
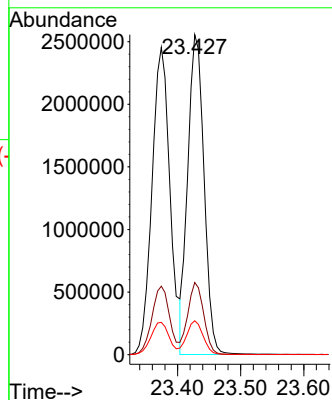
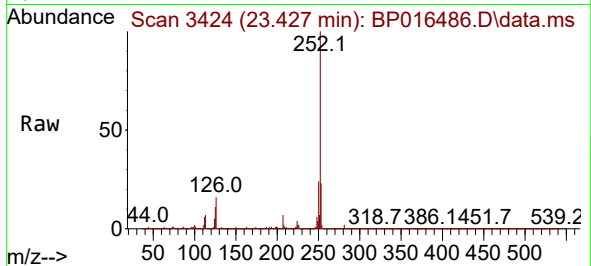




#89
Benzo(k)fluoranthene
Concen: 47.386 ng
RT: 23.427 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

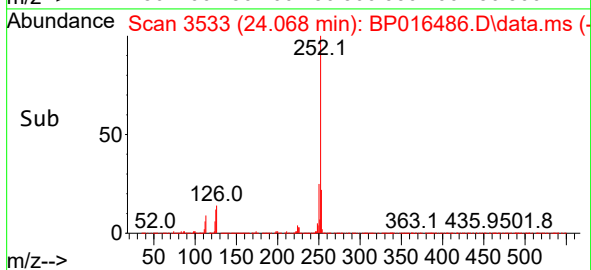
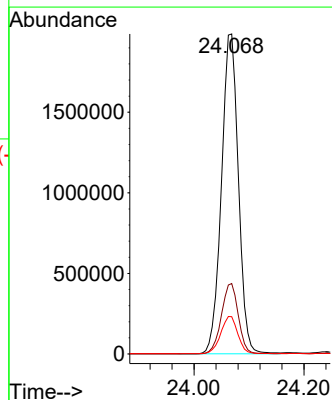
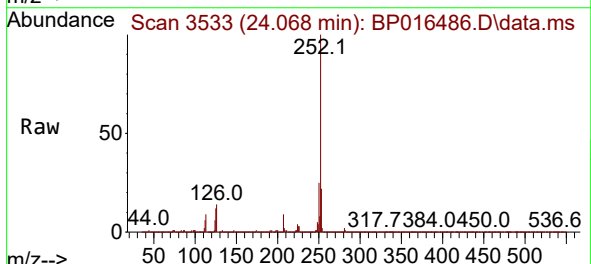
Instrument :
BNA_P
ClientSampleId :
PB154495BS

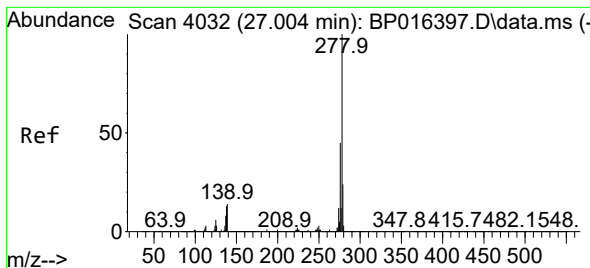
Tgt Ion:252 Resp: 4569121
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.6 7.1 10.7



#90
Benzo(a)pyrene
Concen: 46.263 ng
RT: 24.068 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BP016486.D
Acq: 03 Aug 2023 11:42

Tgt Ion:252 Resp: 4248467
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.507 ng

RT: 26.980 min Scan# 4032

Delta R.T. -0.024 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Instrument :

BNA_P

ClientSampleId :

PB154495BS

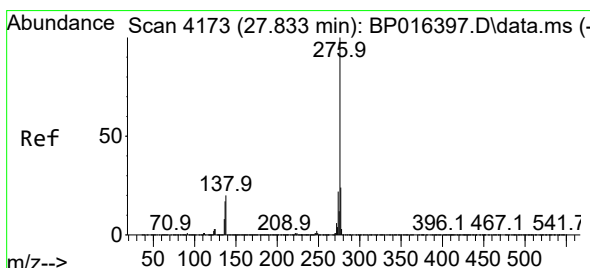
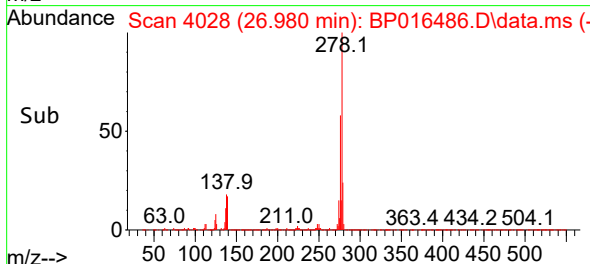
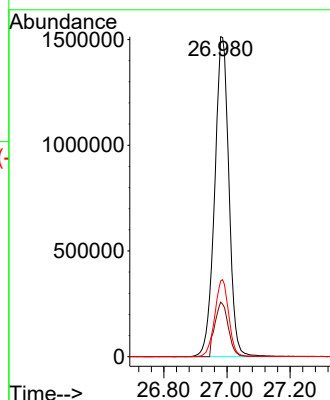
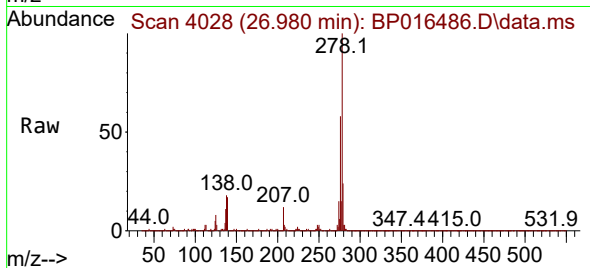
Tgt Ion:278 Resp: 4736446

Ion Ratio Lower Upper

278 100

139 17.1 11.6 17.4

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 51.662 ng

RT: 27.821 min Scan# 4171

Delta R.T. -0.012 min

Lab File: BP016486.D

Acq: 03 Aug 2023 11:42

Tgt Ion:276 Resp: 4578120

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 23.0 16.1 24.1

