

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
 Data File : BP014486.D
 Acq On : 03 Apr 2023 14:41
 Operator : CG/JU
 Sample : PB151840BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS840

Quant Time: Apr 04 00:52:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	117843	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	520484	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.663	164	358169	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	854746	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	916021	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	931475	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14987	4.932	ng/uL	0.00
4) Pyridine-d5	3.817	84	224142	28.783	ng/u1	0.00
7) Phenol-d5	7.181	99	323304	29.748	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	201704	28.926	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	234862	29.899	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	256837	29.297	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	115711	27.539	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	136674	28.407	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	259245	29.586	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	304730	26.402	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	812460	27.976	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	905907	28.113	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	133834	30.505	ng/u1	0.01
60) Fluorene-d10	15.657	176	697284	28.792	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	163817	26.047	ng/u1	0.00
73) Anthracene-d10	17.528	188	1173968	28.380	ng/u1	0.00
81) Pyrene-d10	19.757	212	1486434	24.158	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.869	264	1421944	28.733	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	34781	10.415	ng/uL	98
5) Pyridine	3.834	79	233771	28.686	ng/u1	94
6) Benzaldehyde	7.146	77	155197	28.729	ng/u1	99
8) Phenol	7.205	94	345949	30.685	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	260507	28.754	ng/u1	98
12) 2-Chlorophenol	7.569	128	244157	29.864	ng/u1	93
13) 2-Methylphenol	8.463	108	251073	29.862	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	355660	29.899	ng/u1	99
16) Acetophenone	8.846	105	424439	29.320	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	234852	30.030	ng/u1	98
18) 4-Methylphenol	8.799	108	278428	30.153	ng/u1	100
19) Hexachloroethane	9.093	117	106142	29.713	ng/u1	96
22) Nitrobenzene	9.228	77	348860	28.901	ng/u1	99
23) Isophorone	9.758	82	642541	28.877	ng/u1	98
25) 2-Nitrophenol	9.946	139	148402	29.222	ng/u1	97
26) 2,4-Dimethylphenol	10.005	107	331474	29.162	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.234	93	375733	28.165	ng/u1	98
29) 2,4-Dichlorophenol	10.487	162	259278	30.067	ng/u1	95
30) Naphthalene	10.881	128	827916	28.557	ng/u1	99
32) 4-Chloroaniline	11.005	127	253197	21.659	ng/u1	99
33) Hexachlorobutadiene	11.152	225	186696	27.328	ng/u1	98
34) Caprolactam	11.805	113	89448	35.112	ng/u1	93
35) 4-Chloro-3-methylphenol	12.134	107	323408	30.491	ng/u1	97
36) 2-Methylnaphthalene	12.487	142	565141	28.764	ng/u1	100

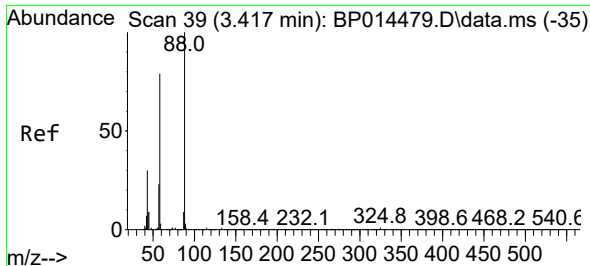
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	583146	29.927	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.852	216	340921	26.697	ng/ul	95
40) Hexachlorocyclopentadiene	12.822	237	166221	20.100	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	220836	27.946	ng/ul	98
42) 2,4,5-Trichlorophenol	13.181	196	238775	28.383	ng/ul	96
43) 1,1'-Biphenyl	13.493	154	791666	27.358	ng/ul	99
44) 2-Chloronaphthalene	13.540	162	634035	27.711	ng/ul	100
45) 2-Nitroaniline	13.757	65	227891	32.163	ng/ul	98
47) Dimethylphthalate	14.116	163	833550	28.707	ng/ul	98
48) 2,6-Dinitrotoluene	14.246	165	171479	30.227	ng/ul	97
50) Acenaphthylene	14.387	152	982350	28.625	ng/ul	100
51) 3-Nitroaniline	14.587	138	163741	32.218	ng/ul	100
52) Acenaphthene	14.728	153	692406	28.552	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	97406	26.514	ng/ul	95
55) 4-Nitrophenol	14.904	109	135460	31.284	ng/ul	94
56) Dibenzofuran	15.063	168	977058	28.660	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	264120	32.822	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.293	232	222885	29.478	ng/ul	95
59) Diethylphthalate	15.481	149	867373	30.060	ng/ul	99
61) Fluorene	15.716	166	813428	29.437	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	423212	28.507	ng/ul	100
63) 4-Nitroaniline	15.757	138	170031	41.176	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	162570	26.672	ng/ul	99
67) N-Nitrosodiphenylamine	15.922	169	706869	26.580	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	277196	26.062	ng/ul	97
69) Hexachlorobenzene	16.722	284	320337	26.220	ng/ul	99
70) Atrazine	16.881	200	173432	17.915	ng/ul	99
71) Pentachlorophenol	17.081	266	183241	25.890	ng/ul	98
72) Phenanthrene	17.469	178	1364727	28.699	ng/ul	99
74) Anthracene	17.563	178	1396026	29.128	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	347643	23.106	ng/uL	99
76) Pentachlorobenzene	14.981	250	362815	24.167	ng/uL	98
77) Carbazole	17.834	167	1270815	31.685	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1599954	31.725	ng/ul	99
80) Fluoranthene	19.428	202	1744601	23.981	ng/ul	99
82) Pyrene	19.781	202	1827963	24.067	ng/ul	98
83) Butylbenzylphthalate	20.639	149	806037	30.809	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.428	252	609092	30.066	ng/ul	99
85) Benzo(a)anthracene	21.498	228	1907322	29.383	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	1181897	33.036	ng/ul	99
87) Chrysene	21.557	228	1793249	29.258	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2051626	33.941	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1833848	29.151	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1852057	30.312	ng/ul	99
93) Benzo(a)pyrene	23.922	252	1586927	29.306	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	1933844	25.958	ng/ul	100
95) Dibenzo(a,h)anthracene	26.692	278	1608422	25.787	ng/ul	99
96) Benzo(g,h,i)perylene	27.492	276	1525662	25.124	ng/ul	98

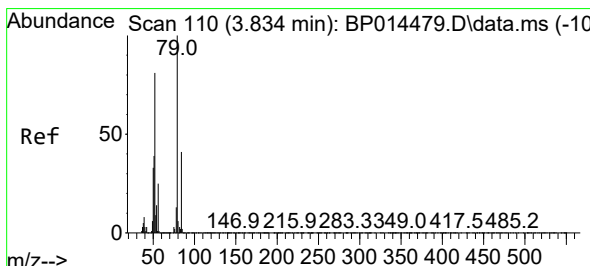
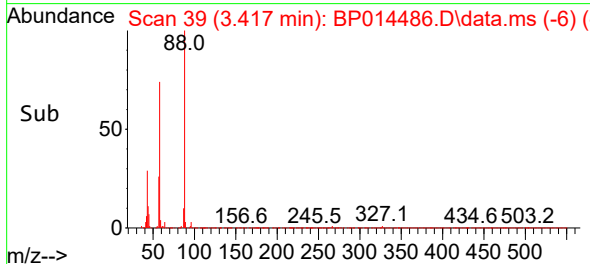
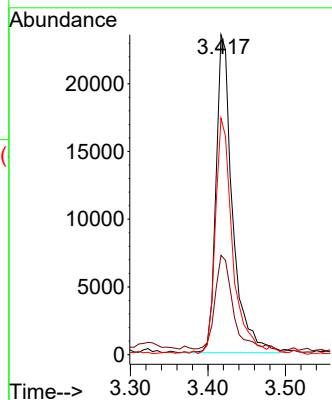
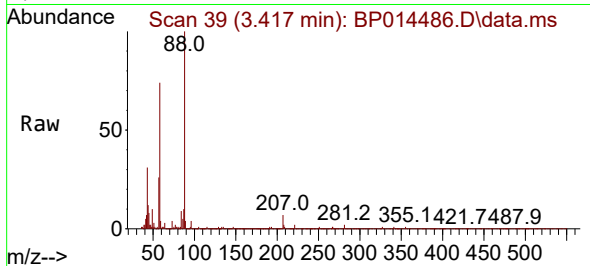
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#2
1,4-Dioxane
Concen: 10.415 ng/uL
RT: 3.417 min Scan# 39
Delta R.T. -0.006 min
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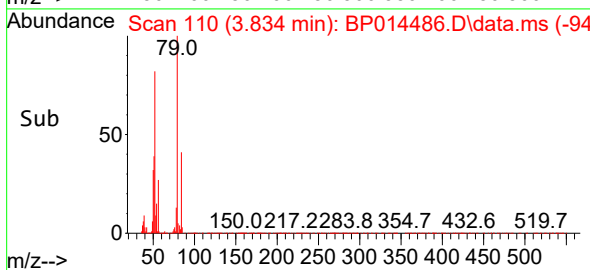
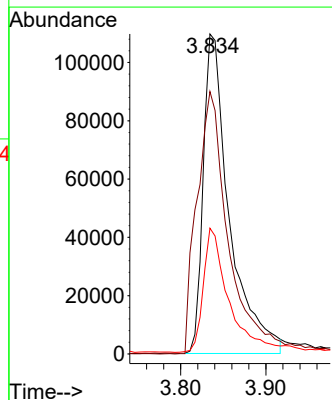
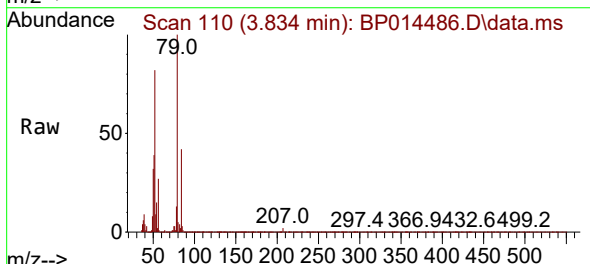
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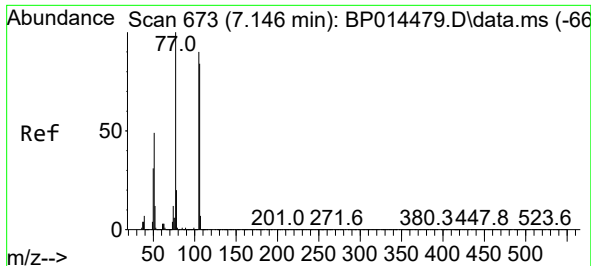
Tgt Ion:	88	Resp:	34781
Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.4	36.6
58	73.9	57.4	86.0



#5
Pyridine
Concen: 28.686 ng/uL
RT: 3.834 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:	79	Resp:	233771
Ion	Ratio	Lower	Upper
79	100		
52	82.0	61.4	92.2
51	39.3	28.5	42.7

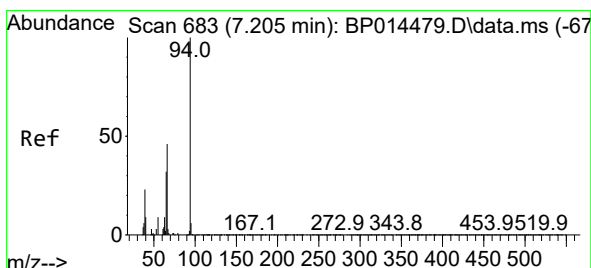
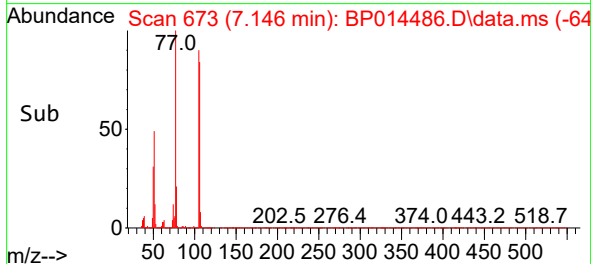
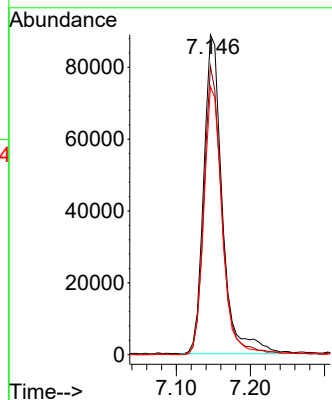
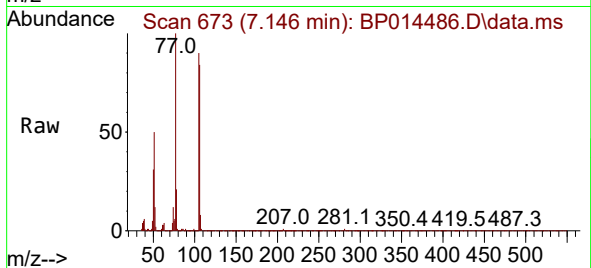




#6
Benzaldehyde
Concen: 28.729 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

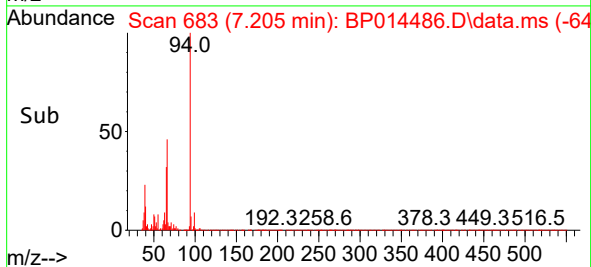
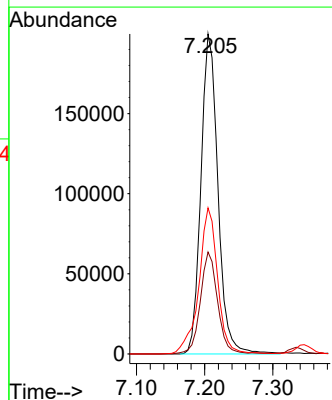
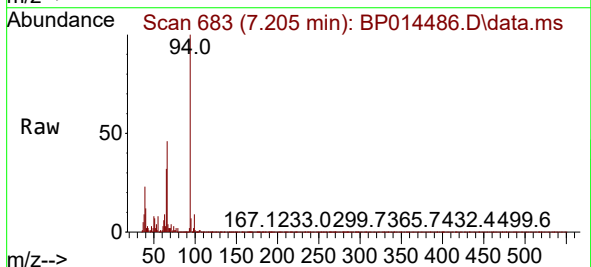
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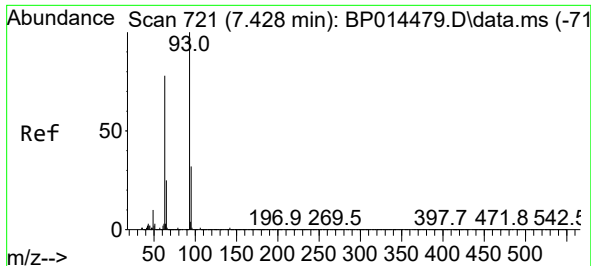
Tgt Ion: 77 Resp: 155197
Ion Ratio Lower Upper
77 100
105 90.2 70.6 105.8
106 83.7 66.5 99.7



#8
Phenol
Concen: 30.685 ng/ul
RT: 7.205 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion: 94 Resp: 345949
Ion Ratio Lower Upper
94 100
65 31.8 25.2 37.8
66 45.7 36.2 54.4

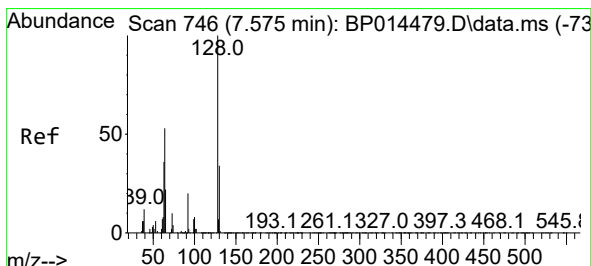
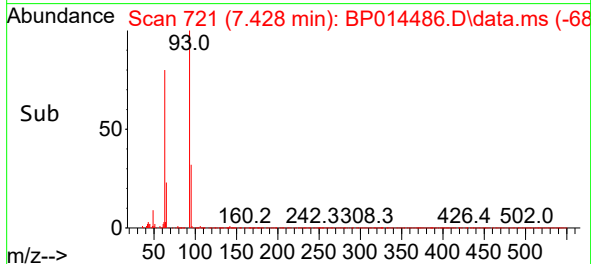
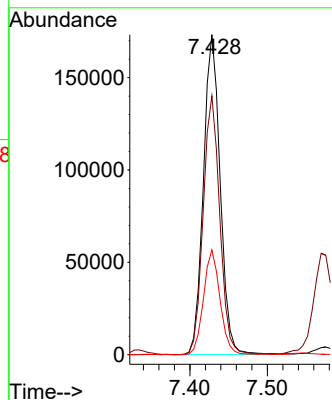
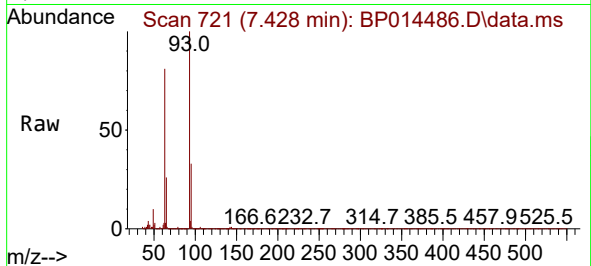




#10
Bis(2-Chloroethyl)ether
Concen: 28.754 ng/ul
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

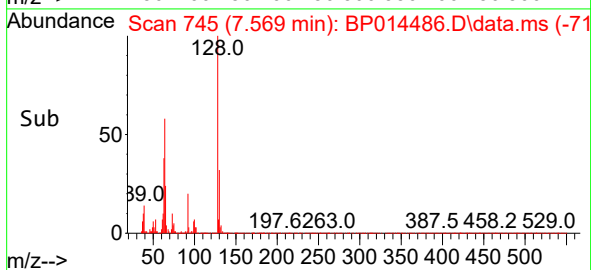
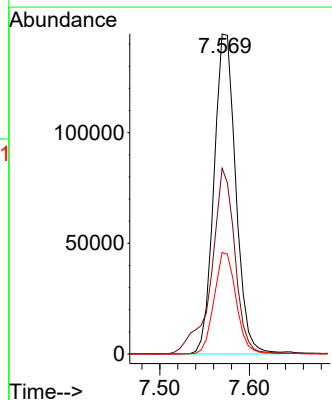
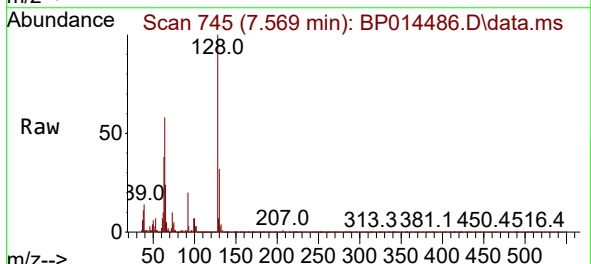
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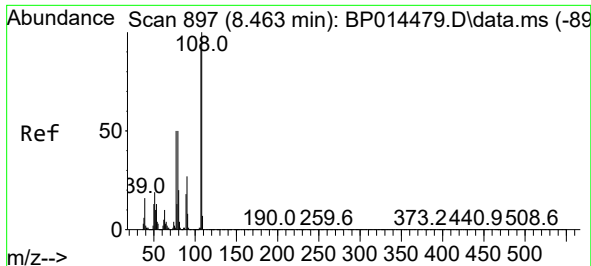
Tgt Ion: 93 Resp: 260507
Ion Ratio Lower Upper
93 100
63 80.9 63.2 94.8
95 32.8 26.0 39.0



#12
2-Chlorophenol
Concen: 29.864 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion: 128 Resp: 244157
Ion Ratio Lower Upper
128 100
64 58.1 41.4 62.0
130 31.7 24.1 36.1





#13

2-Methylphenol

Concen: 29.862 ng/ul

RT: 8.463 min Scan# 897

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

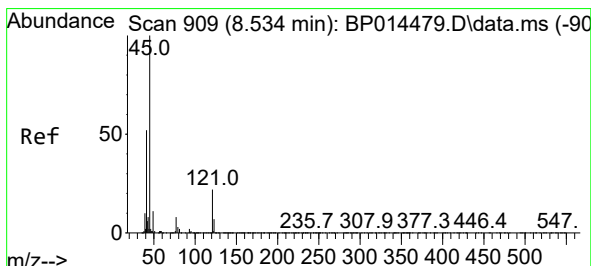
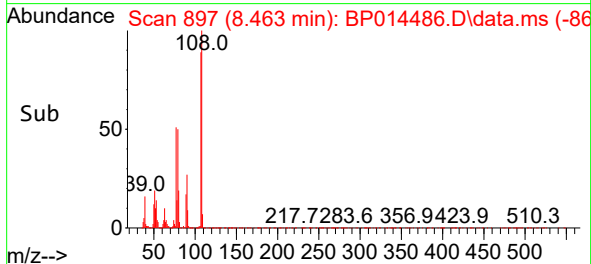
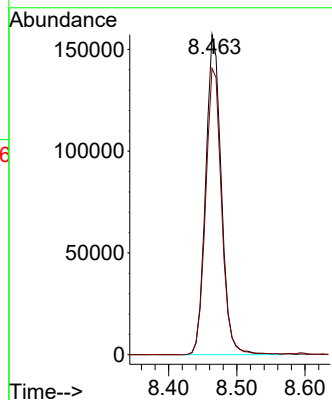
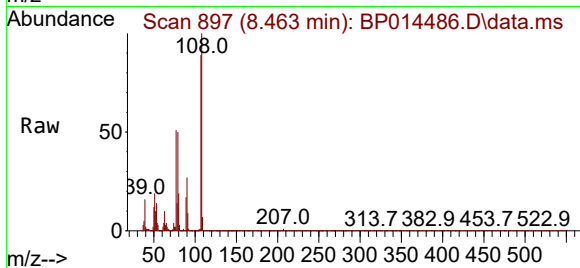
SLCS840

Tgt Ion:108 Resp: 251073

Ion Ratio Lower Upper

108 100

107 89.5 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.899 ng/ul

RT: 8.540 min Scan# 910

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

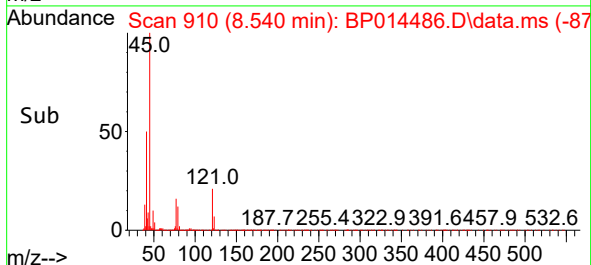
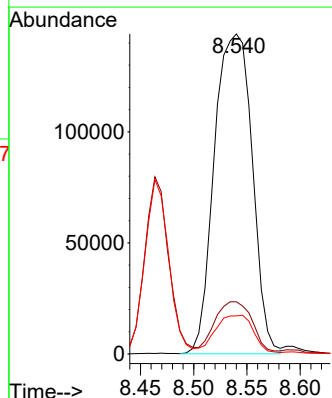
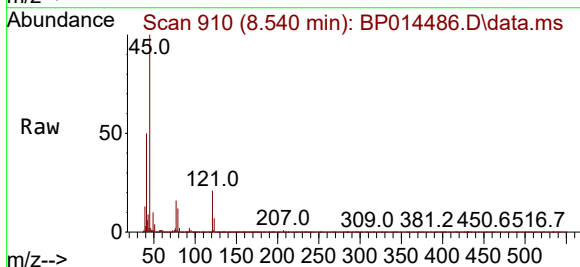
Tgt Ion: 45 Resp: 355660

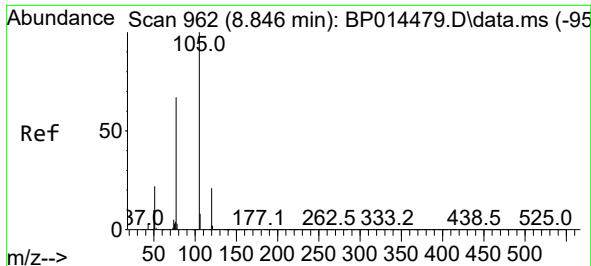
Ion Ratio Lower Upper

45 100

77 16.3 12.8 19.2

79 11.9 9.6 14.4

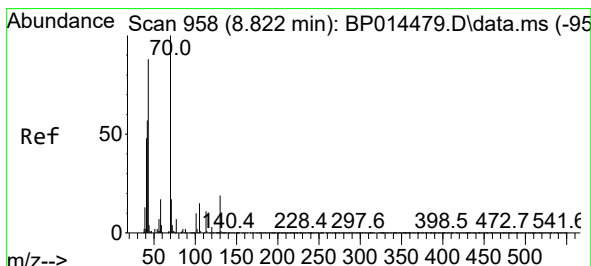
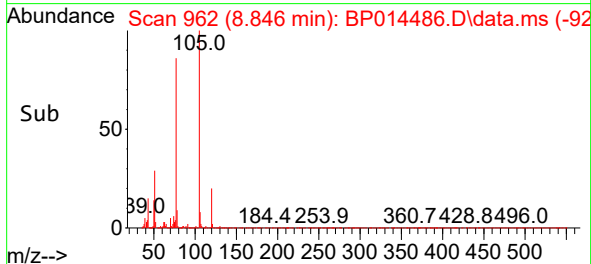
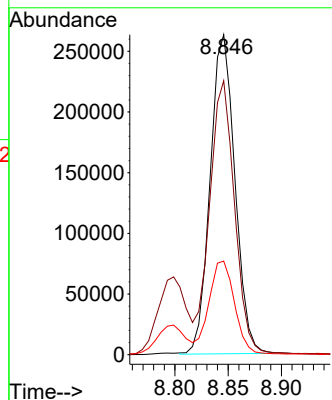
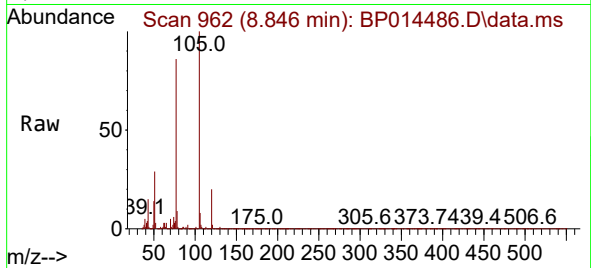




#16
Acetophenone
Concen: 29.320 ng/ul
RT: 8.846 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

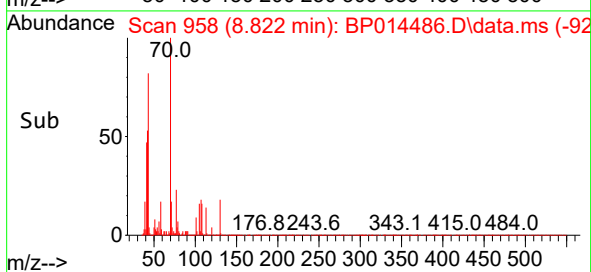
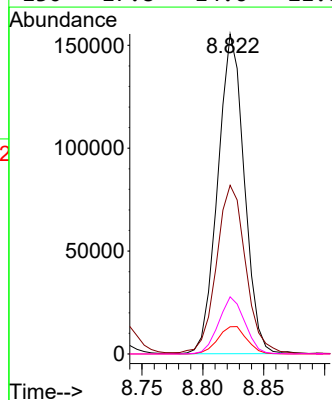
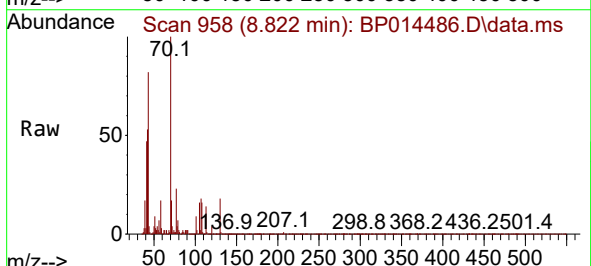
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ClientSampleId :
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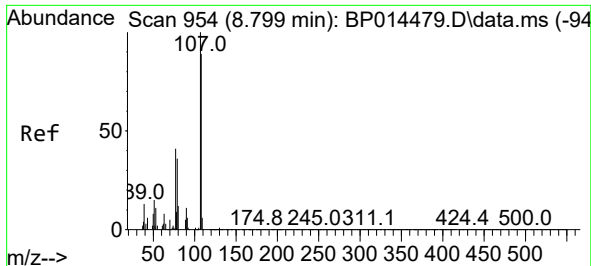
Tgt Ion:105 Resp: 424439
Ion Ratio Lower Upper
105 100
77 85.6 67.3 100.9
51 29.2 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.030 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion: 70 Resp: 234852
Ion Ratio Lower Upper
70 100
42 52.7 41.1 61.7
101 8.5 7.0 10.6
130 17.8 14.6 21.8

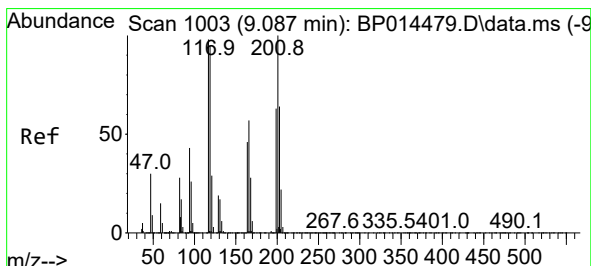
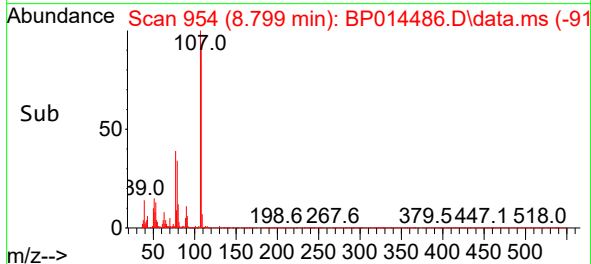
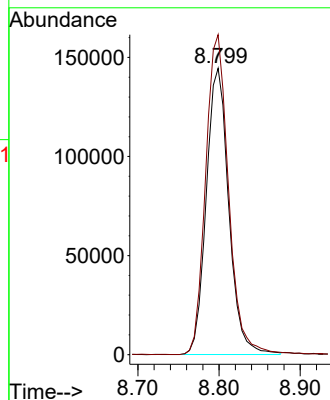
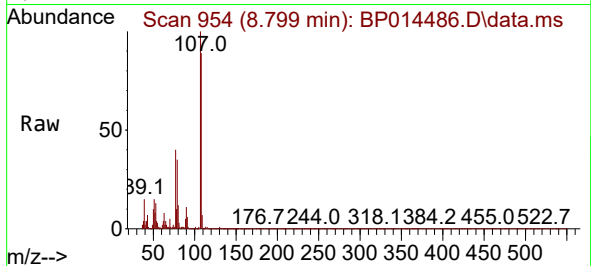




#18
4-Methylphenol
Concen: 30.153 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

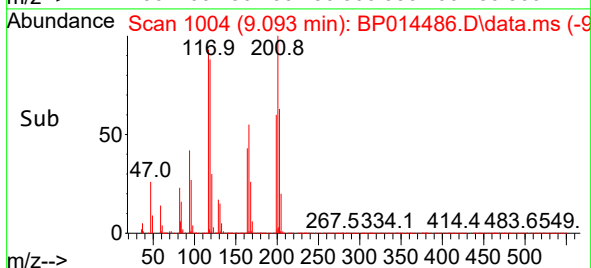
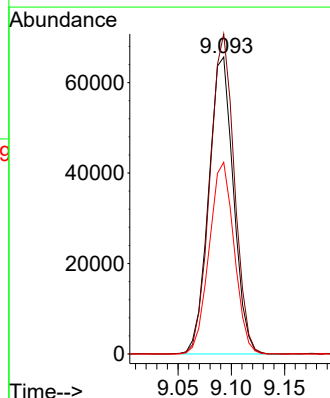
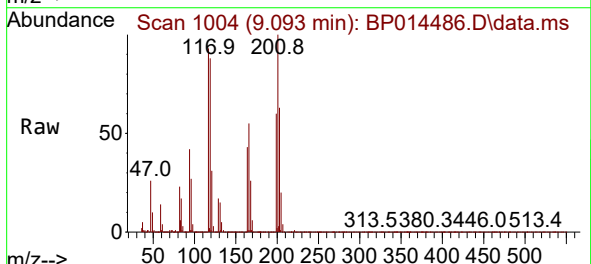
Instrument :
BNA_P
ClientSampleId :
SLCS840

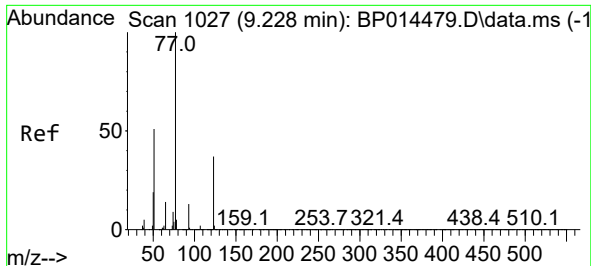
Tgt Ion:108 Resp: 278428
Ion Ratio Lower Upper
108 100
107 111.7 89.0 133.6



#19
Hexachloroethane
Concen: 29.713 ng/ul
RT: 9.093 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:117 Resp: 106142
Ion Ratio Lower Upper
117 100
201 107.8 90.2 135.4
199 64.5 54.2 81.2

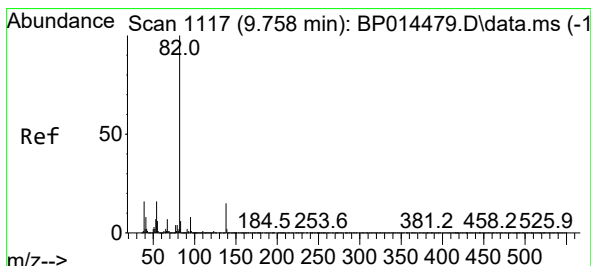
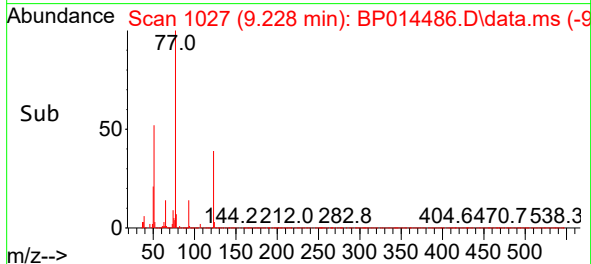
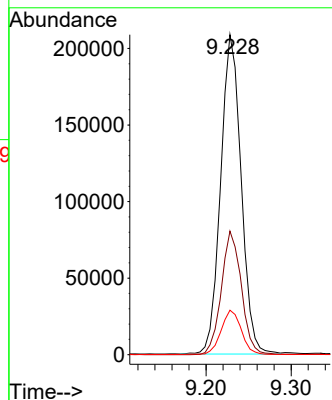
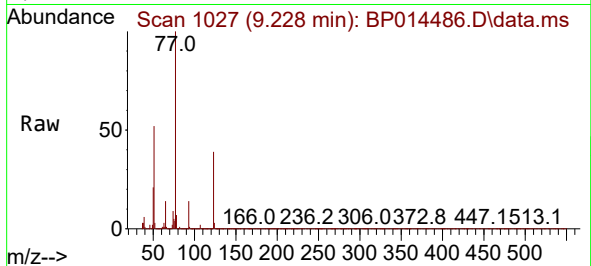




#22
Nitrobenzene
Concen: 28.901 ng/ul
RT: 9.228 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

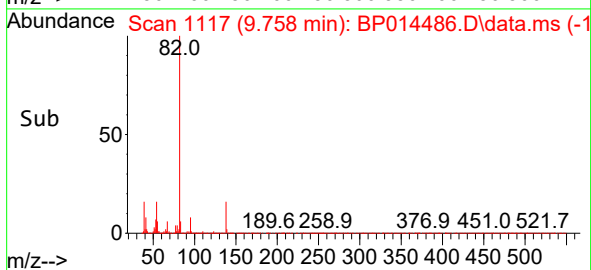
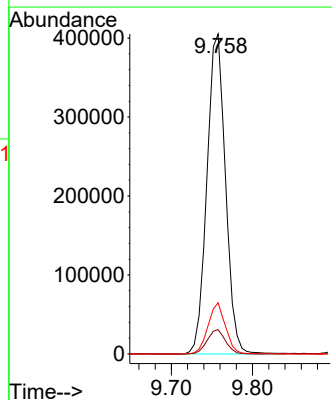
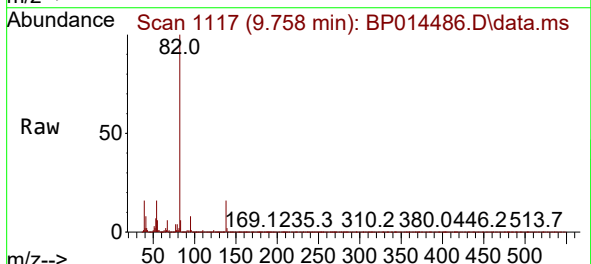
Instrument :
BNA_P
ClientSampleId :
SLCS840

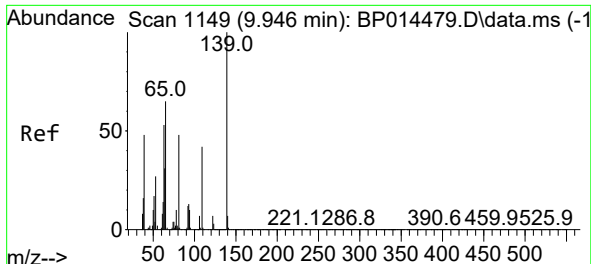
Tgt Ion: 77 Resp: 348860
Ion Ratio Lower Upper
77 100
123 38.6 30.3 45.5
65 13.9 11.0 16.4



#23
Isophorone
Concen: 28.877 ng/ul
RT: 9.758 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion: 82 Resp: 642541
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 16.0 12.2 18.2

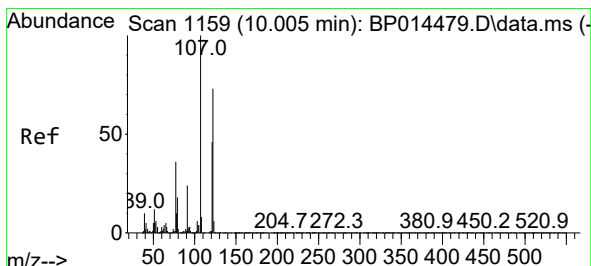
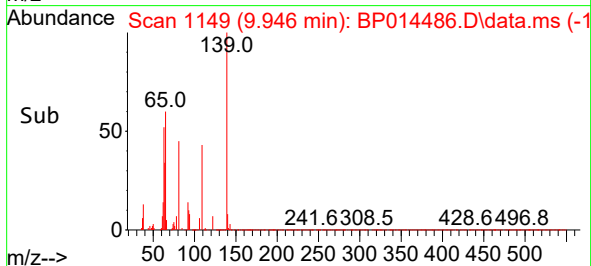
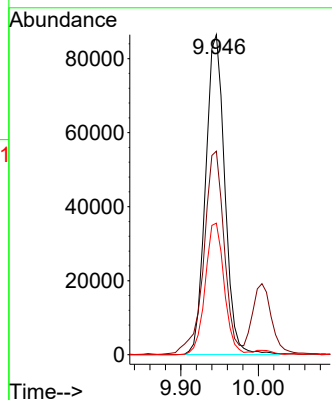
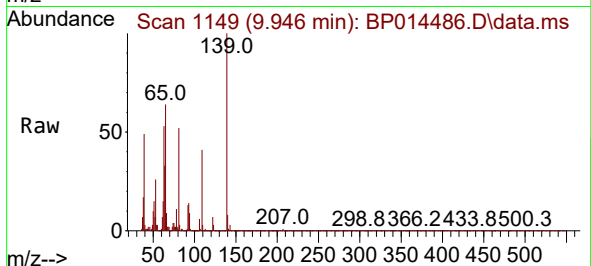




#25
2-Nitrophenol
Concen: 29.222 ng/ul
RT: 9.946 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

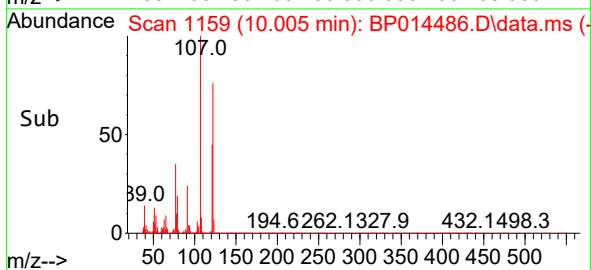
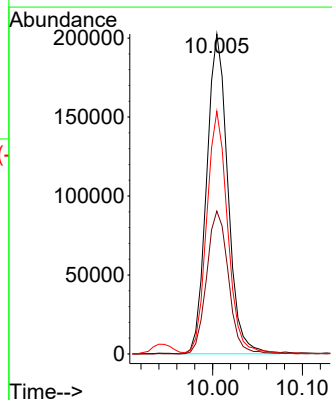
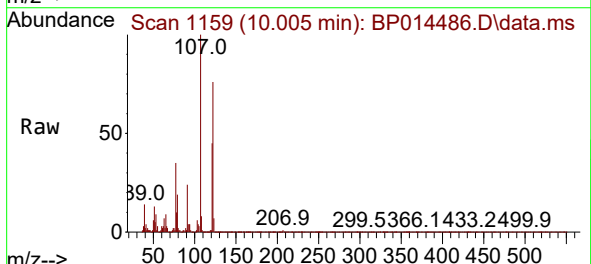
Instrument :
BNA_P
ClientSampleId :
SLCS840

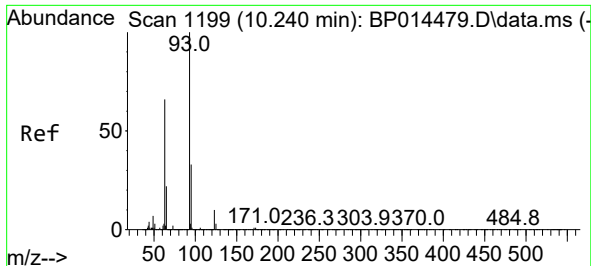
Tgt Ion:139 Resp: 148402
Ion Ratio Lower Upper
139 100
65 63.6 49.7 74.5
109 41.1 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 29.162 ng/ul
RT: 10.005 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:107 Resp: 331474
Ion Ratio Lower Upper
107 100
121 44.6 37.0 55.6
122 75.9 59.8 89.6

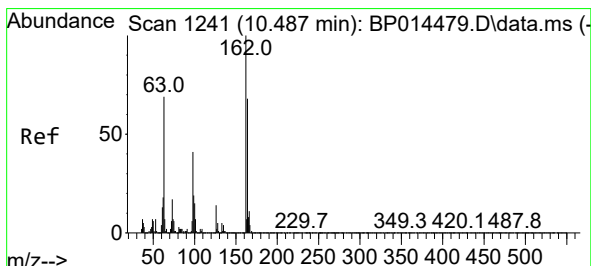
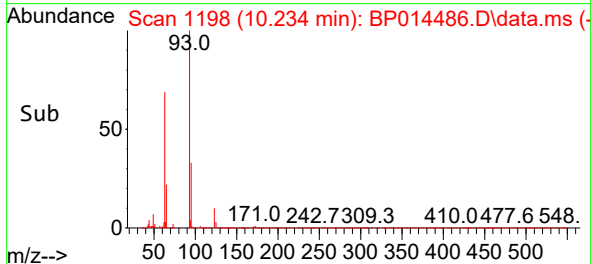
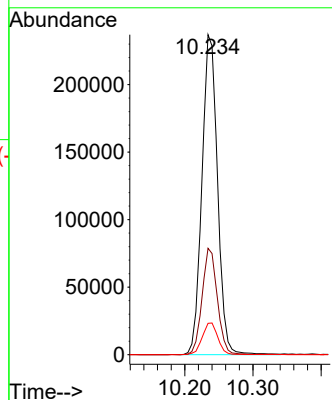
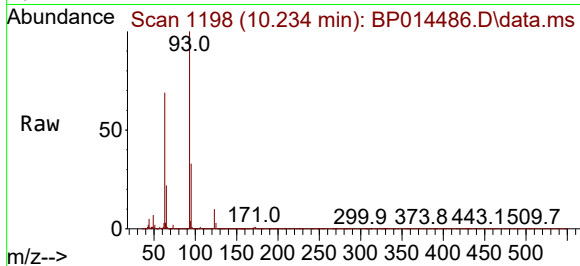




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.165 ng/ul
 RT: 10.234 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BP014486.D
 Acq: 03 Apr 2023 14:41

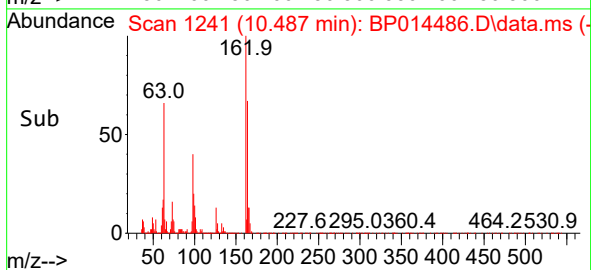
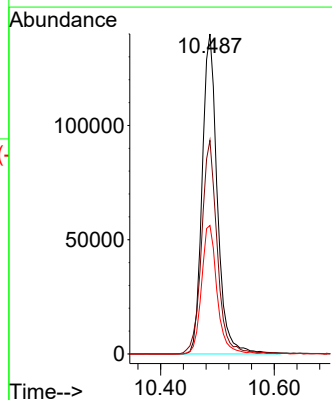
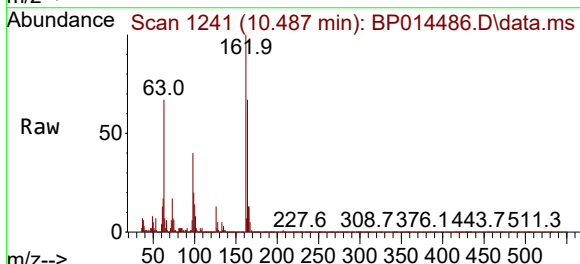
Instrument :
 BNA_P
 ClientSampleId :
 SLCS840

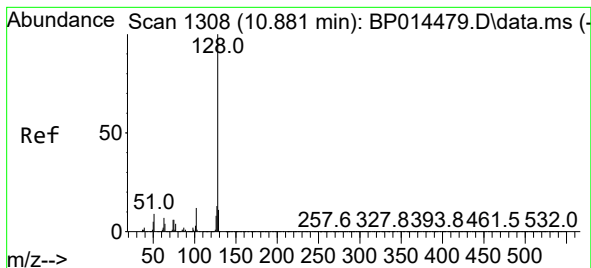
Tgt Ion: 93 Resp: 375733
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.8 38.8
 123 9.8 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 30.067 ng/ul
 RT: 10.487 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: BP014486.D
 Acq: 03 Apr 2023 14:41

Tgt Ion:162 Resp: 259278
 Ion Ratio Lower Upper
 162 100
 164 66.8 50.1 75.1
 98 40.2 30.6 45.8





#30

Naphthalene

Concen: 28.557 ng/ul

RT: 10.881 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

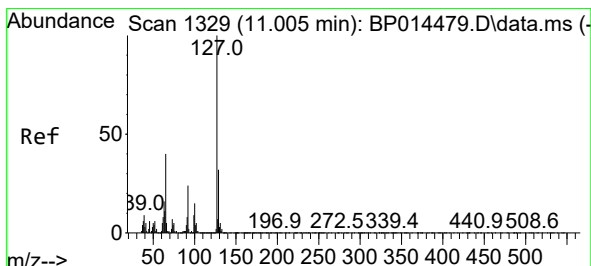
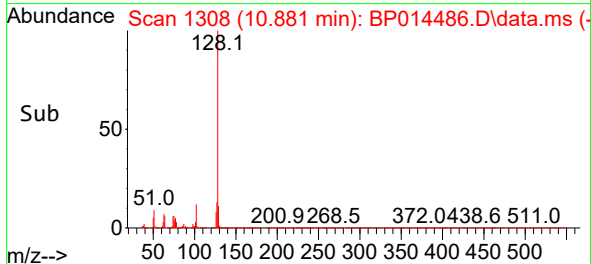
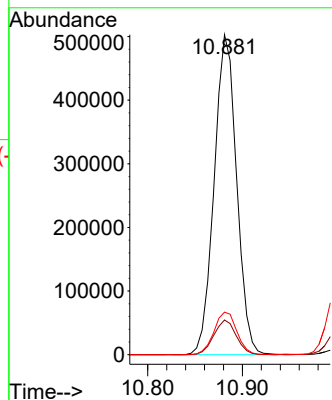
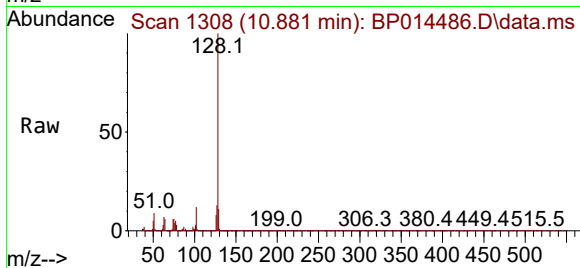
Tgt Ion:128 Resp: 827916

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.3 11.0 16.6



#32

4-Chloroaniline

Concen: 21.659 ng/ul

RT: 11.005 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BP014486.D

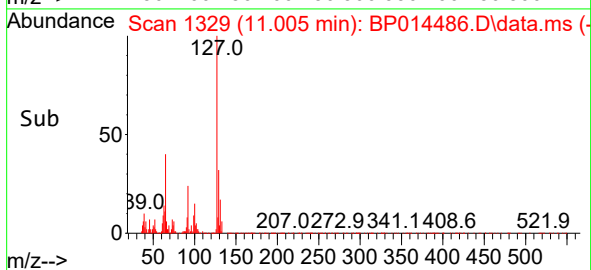
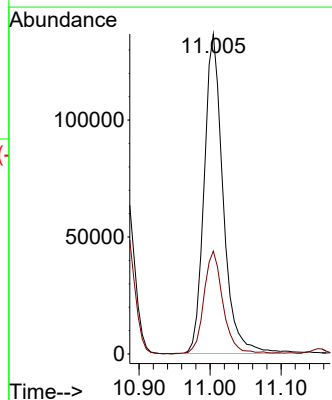
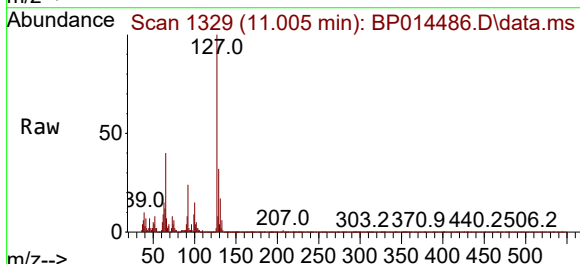
Acq: 03 Apr 2023 14:41

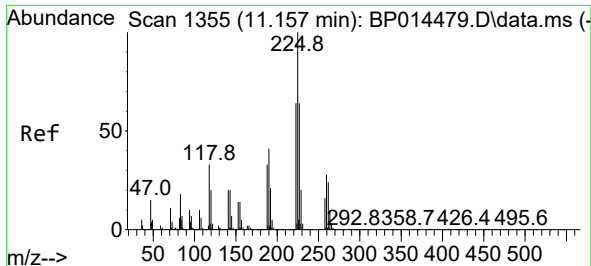
Tgt Ion:127 Resp: 253197

Ion Ratio Lower Upper

127 100

129 32.1 25.4 38.0

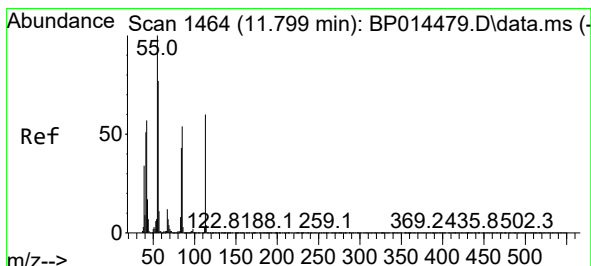
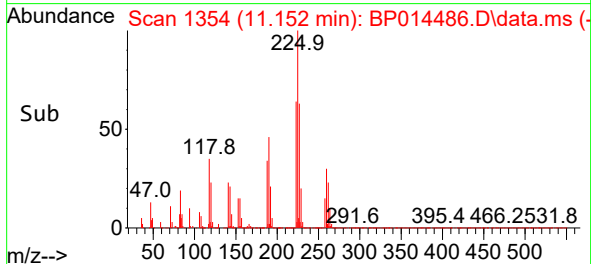
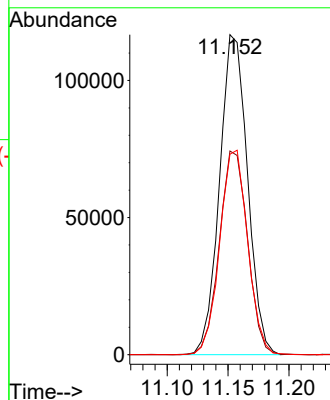
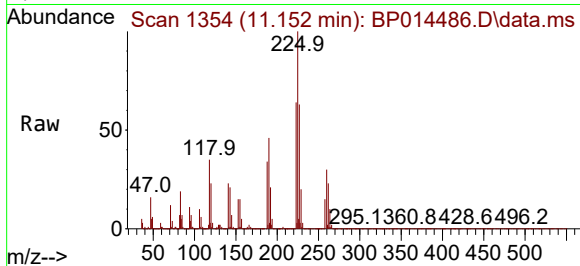




#33
Hexachlorobutadiene
Concen: 27.328 ng/ul
RT: 11.152 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

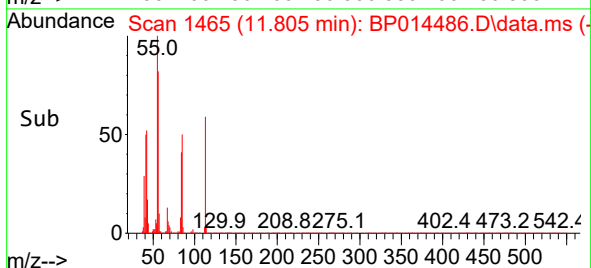
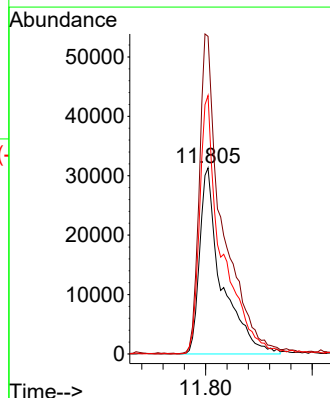
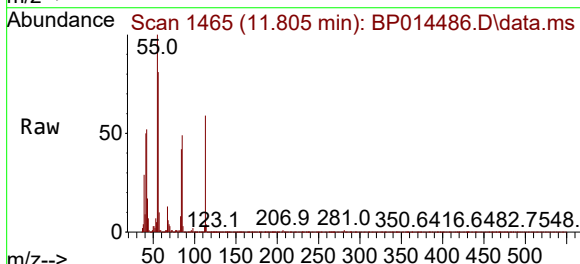
Instrument :
BNA_P
ClientSampleId :
SLCS840

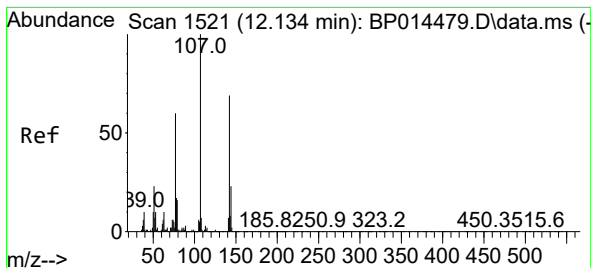
Tgt Ion:225 Resp: 186696
Ion Ratio Lower Upper
225 100
223 63.6 49.3 73.9
227 62.7 49.6 74.4



#34
Caprolactam
Concen: 35.112 ng/ul
RT: 11.805 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:113 Resp: 89448
Ion Ratio Lower Upper
113 100
55 170.6 131.2 196.8
56 138.8 101.1 151.7

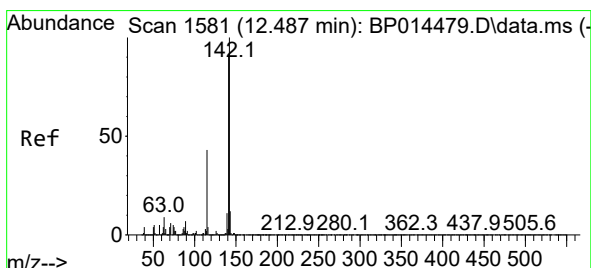
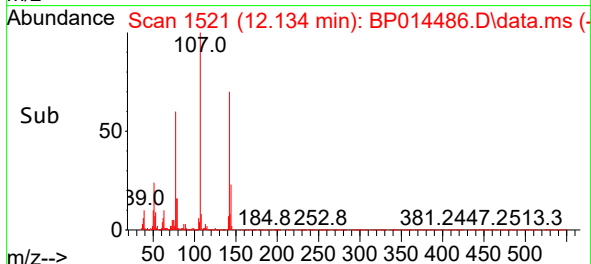
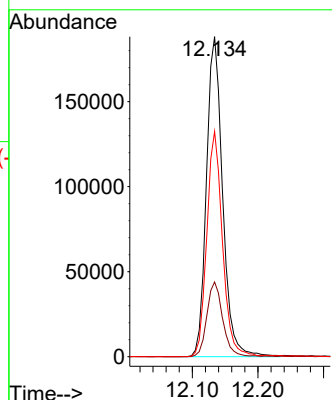
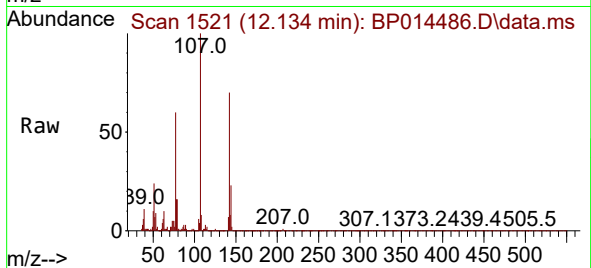




#35
4-Chloro-3-methylphenol
Concen: 30.491 ng/ul
RT: 12.134 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

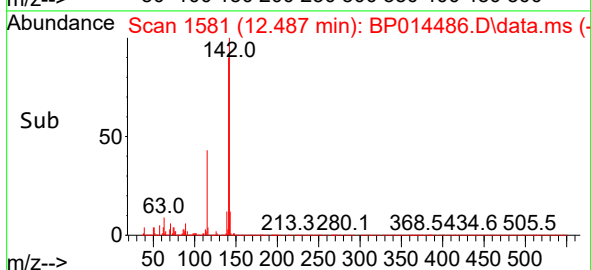
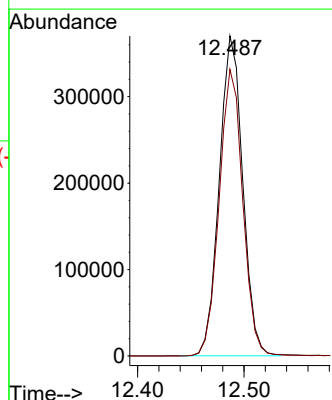
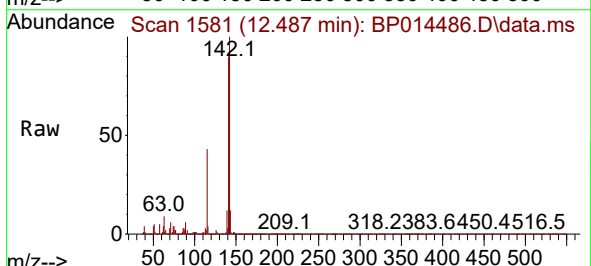
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BNA_P
ClientSampleId :
SLCS840

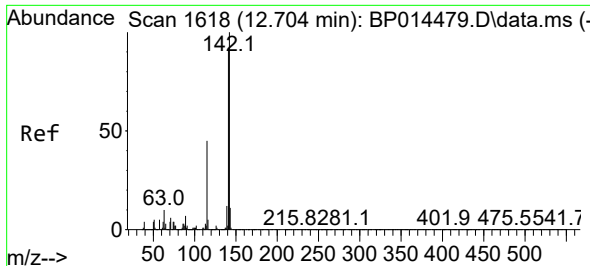
Tgt Ion:107 Resp: 323408
Ion Ratio Lower Upper
107 100
144 23.3 17.3 25.9
142 70.4 54.6 81.8



#36
2-Methylnaphthalene
Concen: 28.764 ng/ul
RT: 12.487 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:142 Resp: 565141
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4

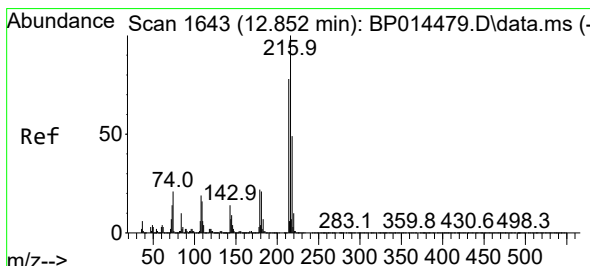
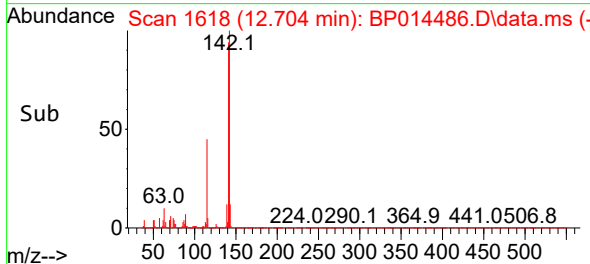
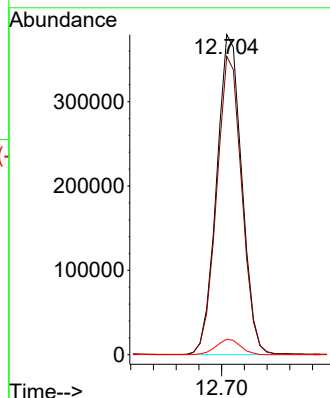
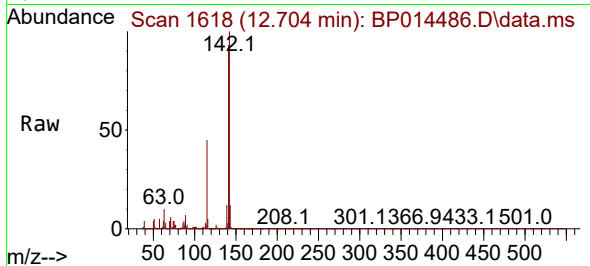




#37
1-Methylnaphthalene
Concen: 29.927 ng/ul
RT: 12.704 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

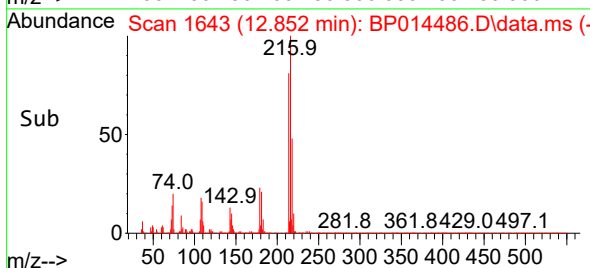
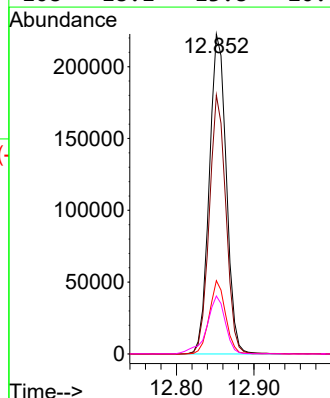
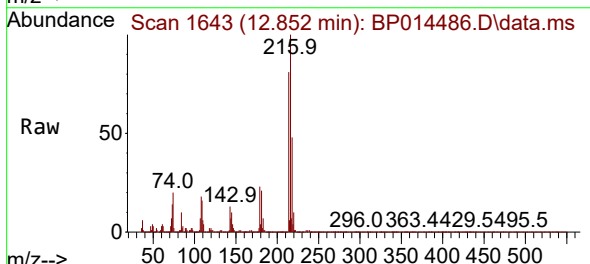
Instrument :
BNA_P
ClientSampleId :
SLCS840

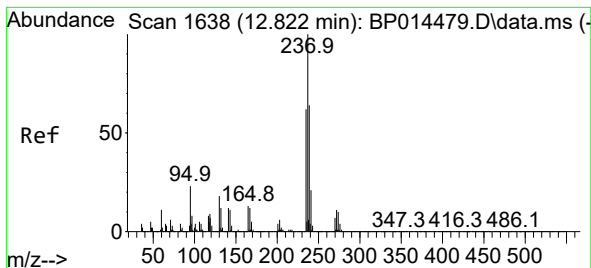
Tgt Ion:142 Resp: 583146
Ion Ratio Lower Upper
142 100
141 93.2 76.6 114.8
116 4.8 3.6 5.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.697 ng/ul
RT: 12.852 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:216 Resp: 340921
Ion Ratio Lower Upper
216 100
214 80.9 61.0 91.6
179 22.9 16.6 24.8
108 18.1 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 20.100 ng/ul

RT: 12.822 min Scan# 1638

Delta R.T. -0.012 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

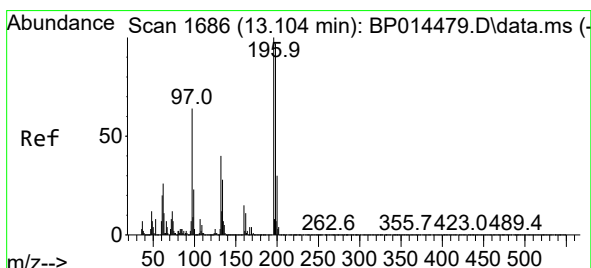
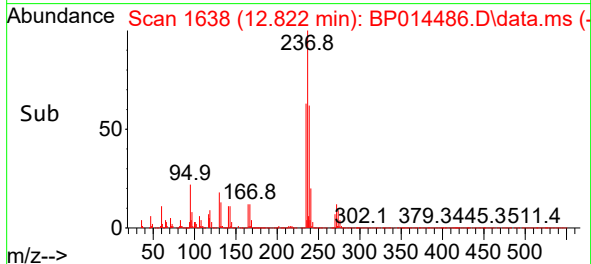
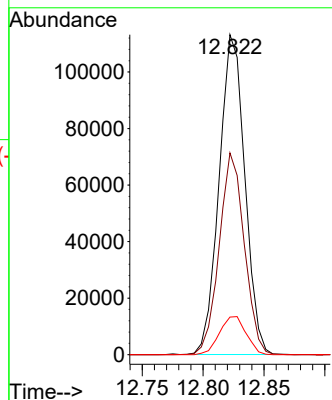
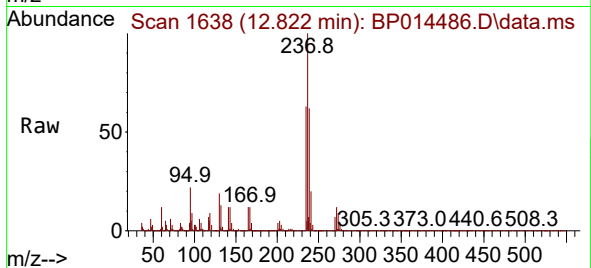
Tgt Ion:237 Resp: 166221

Ion Ratio Lower Upper

237 100

235 63.0 51.0 76.4

272 11.7 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 27.946 ng/ul

RT: 13.104 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

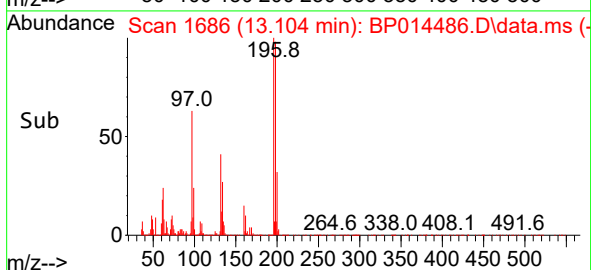
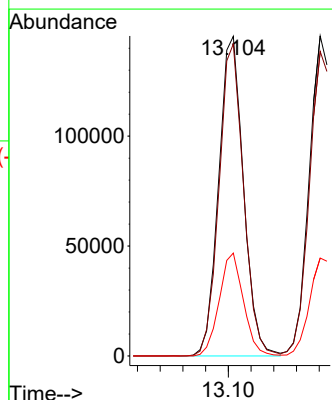
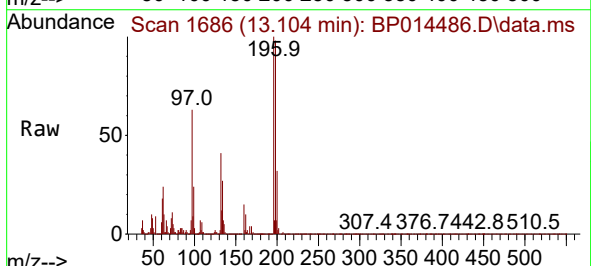
Tgt Ion:196 Resp: 220836

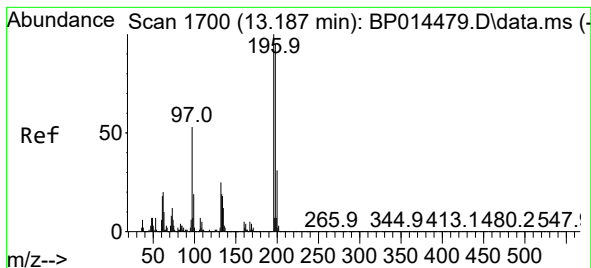
Ion Ratio Lower Upper

196 100

198 97.6 76.6 114.8

200 32.2 25.4 38.2





#42

2,4,5-Trichlorophenol

Concen: 28.383 ng/ul

RT: 13.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

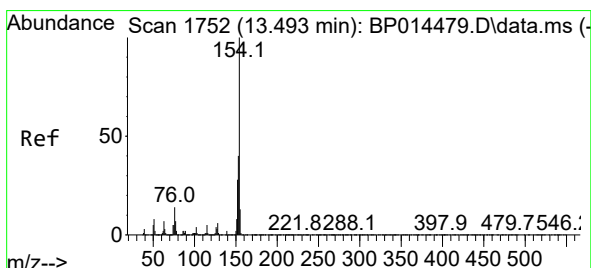
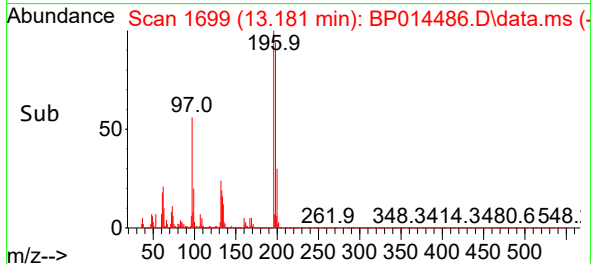
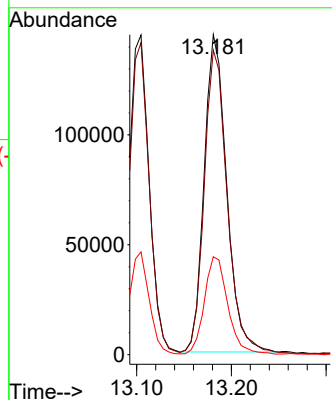
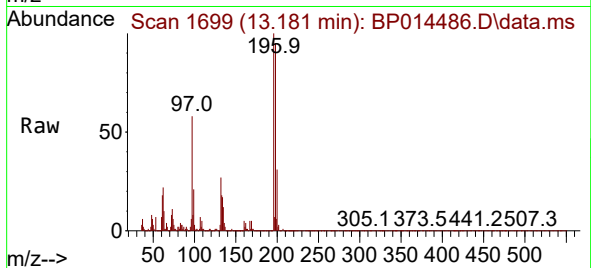
Tgt Ion:196 Resp: 238775

Ion Ratio Lower Upper

196 100

198 95.2 79.8 119.8

200 30.6 25.6 38.4



#43

1,1'-Biphenyl

Concen: 27.358 ng/ul

RT: 13.493 min Scan# 1752

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

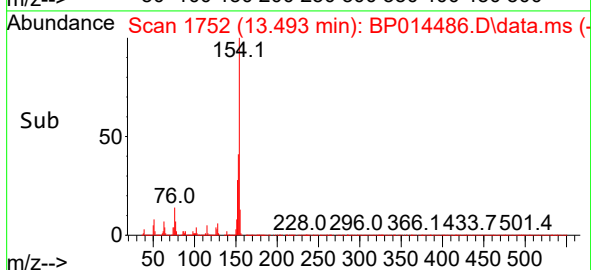
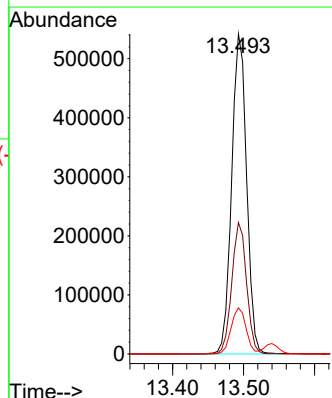
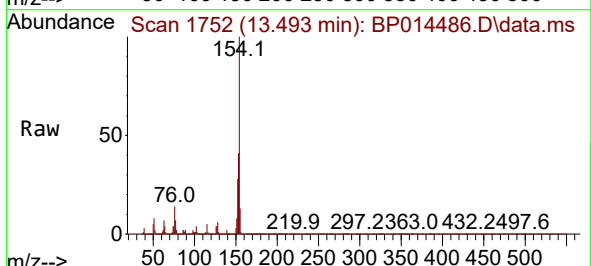
Tgt Ion:154 Resp: 791666

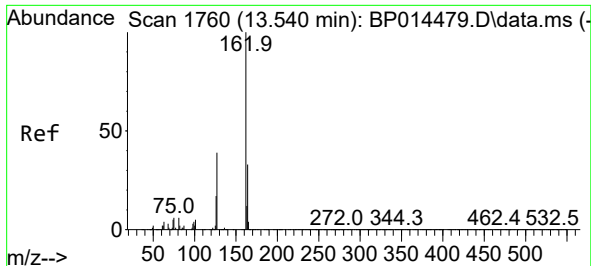
Ion Ratio Lower Upper

154 100

153 41.1 32.4 48.6

76 14.4 10.7 16.1

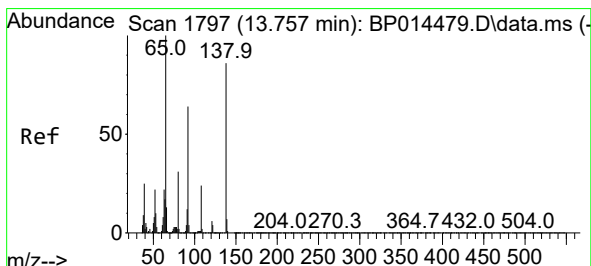
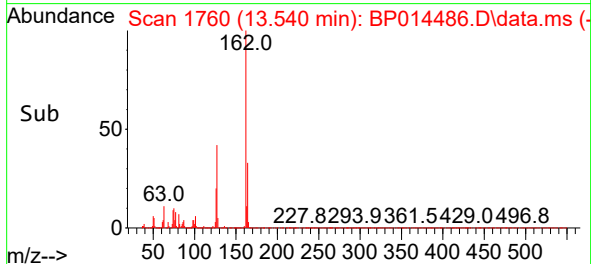
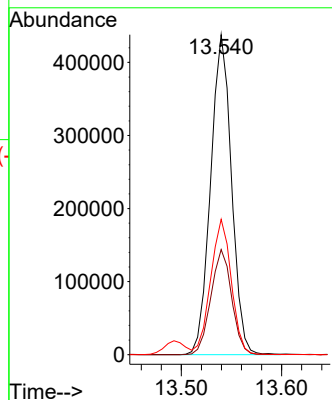
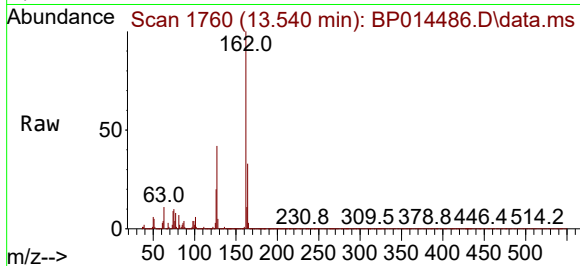




#44
2-Chloronaphthalene
Concen: 27.711 ng/ul
RT: 13.540 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

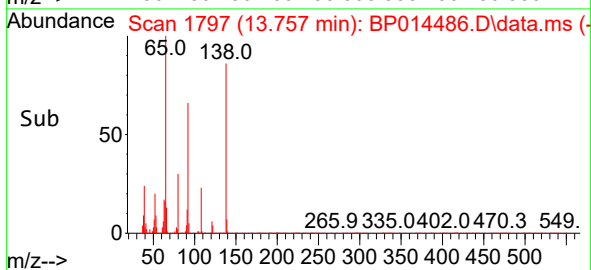
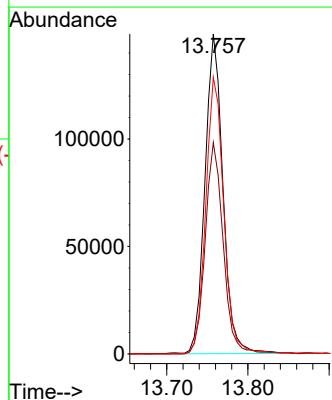
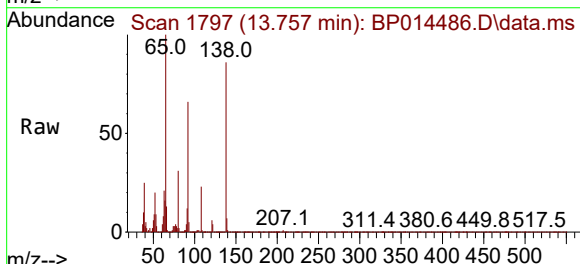
Instrument :
BNA_P
ClientSampleId :
SLCS840

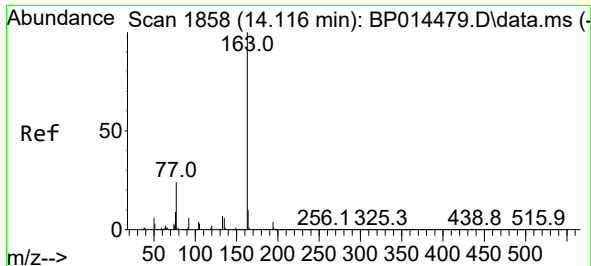
Tgt Ion:162 Resp: 634035
Ion Ratio Lower Upper
162 100
164 32.9 26.1 39.1
127 42.3 33.7 50.5



#45
2-Nitroaniline
Concen: 32.163 ng/ul
RT: 13.757 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion: 65 Resp: 227891
Ion Ratio Lower Upper
65 100
92 66.1 53.7 80.5
138 86.5 71.7 107.5

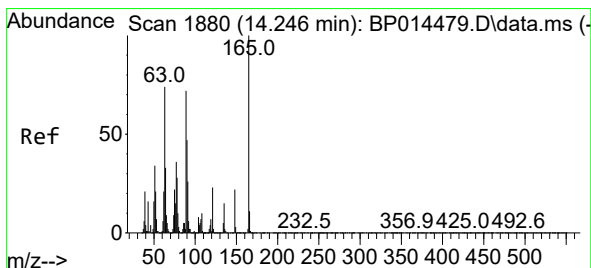
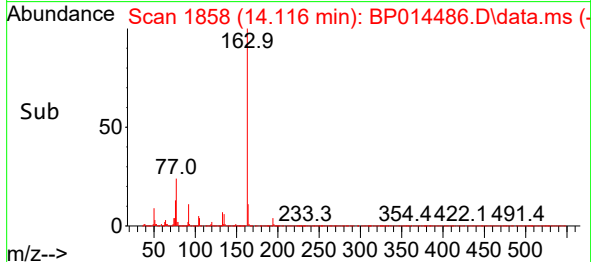
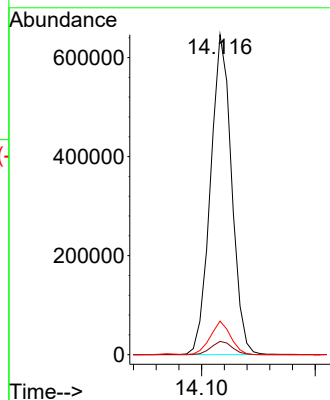
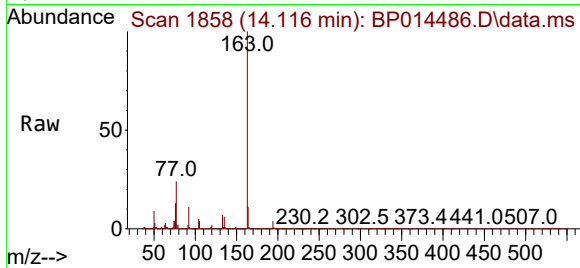




#47
Dimethylphthalate
Concen: 28.707 ng/ul
RT: 14.116 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

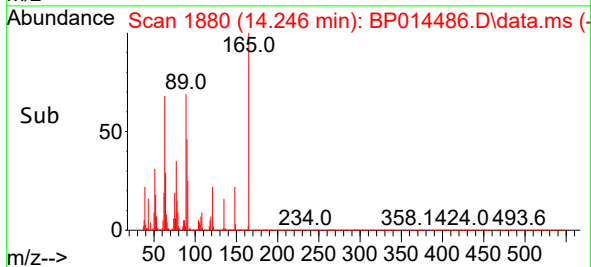
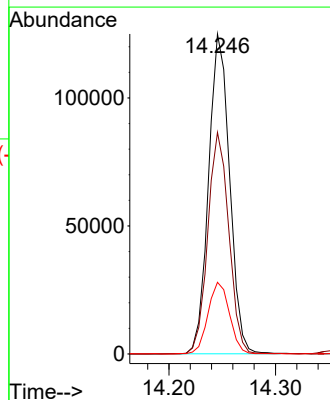
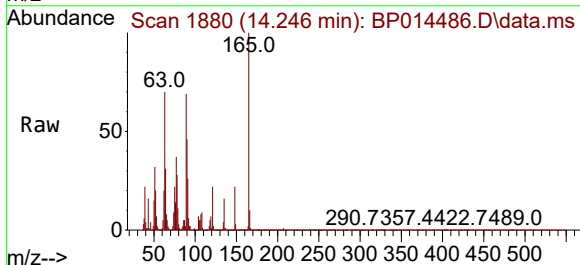
Instrument :
BNA_P
ClientSampleId :
SLCS840

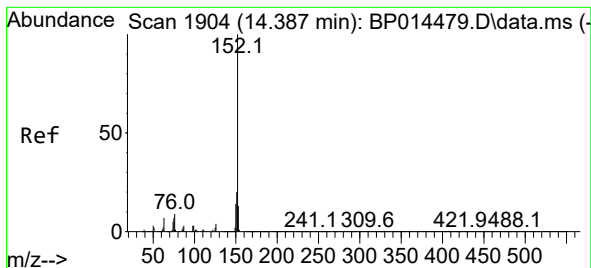
Tgt Ion:163 Resp: 833550
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.5 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 30.227 ng/ul
RT: 14.246 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:165 Resp: 171479
Ion Ratio Lower Upper
165 100
89 69.3 52.7 79.1
121 22.4 17.9 26.9





#50

Acenaphthylene

Concen: 28.625 ng/ul

RT: 14.387 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

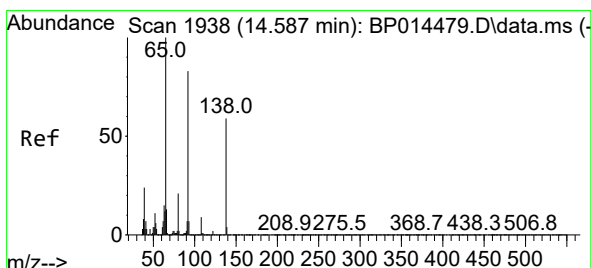
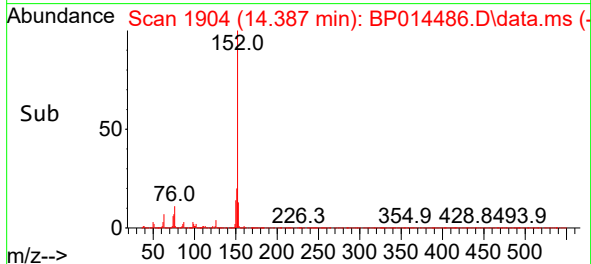
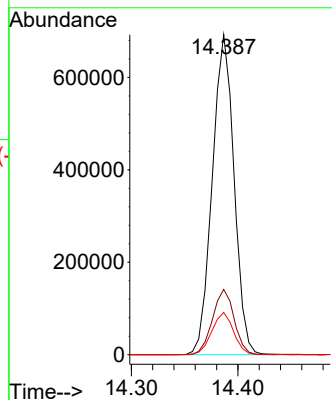
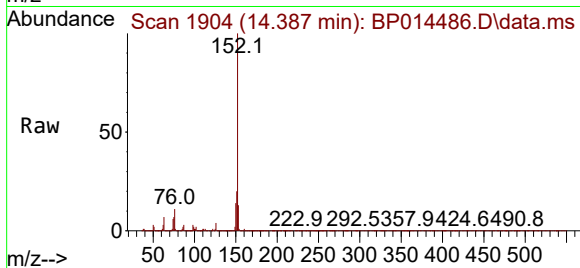
Tgt Ion:152 Resp: 982350

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.2 10.2 15.4



#51

3-Nitroaniline

Concen: 32.218 ng/ul

RT: 14.587 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

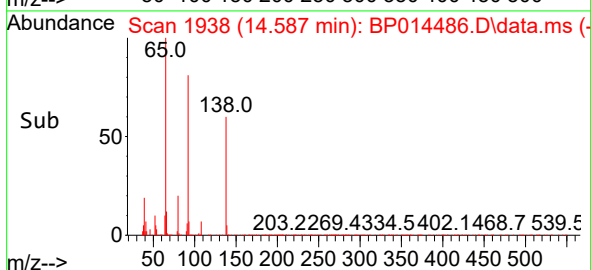
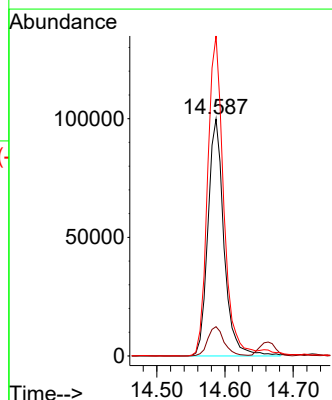
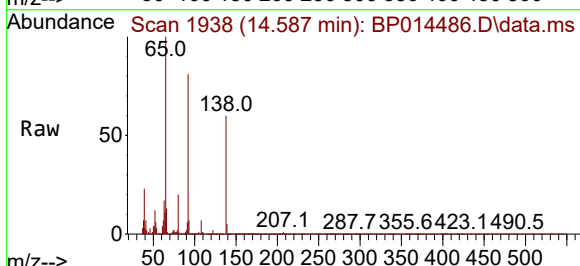
Tgt Ion:138 Resp: 163741

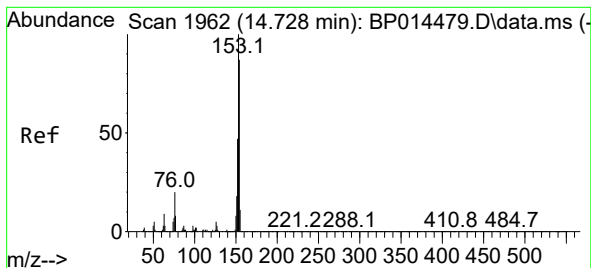
Ion Ratio Lower Upper

138 100

108 12.4 9.9 14.9

92 135.0 107.6 161.4





#52

Acenaphthene

Concen: 28.552 ng/ul

RT: 14.728 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

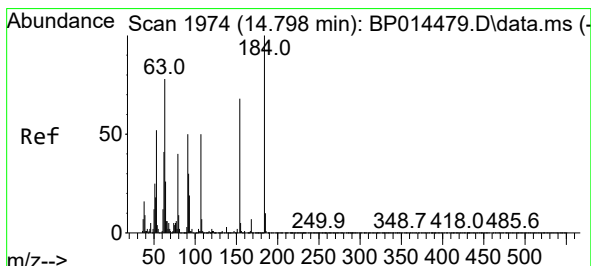
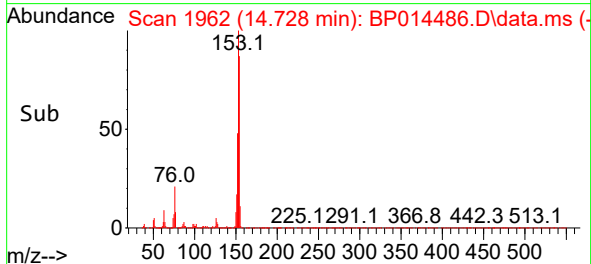
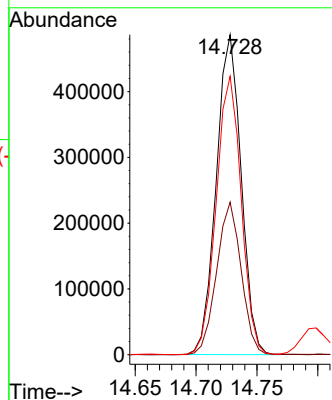
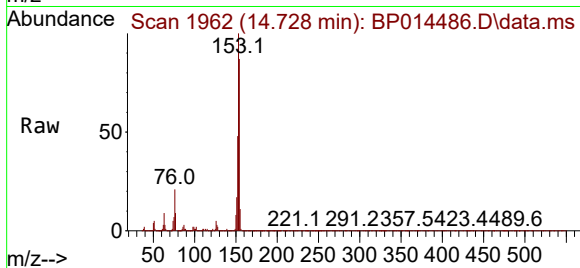
Tgt Ion:153 Resp: 692406

Ion Ratio Lower Upper

153 100

152 47.7 38.2 57.4

154 87.0 70.2 105.2



#53

2,4-Dinitrophenol

Concen: 26.514 ng/ul

RT: 14.798 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

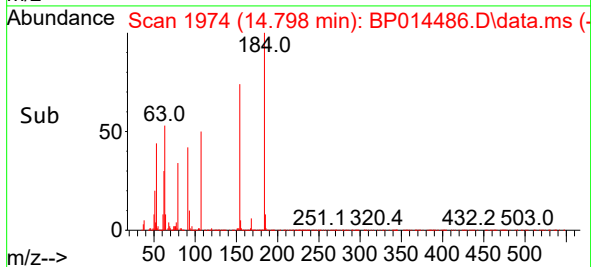
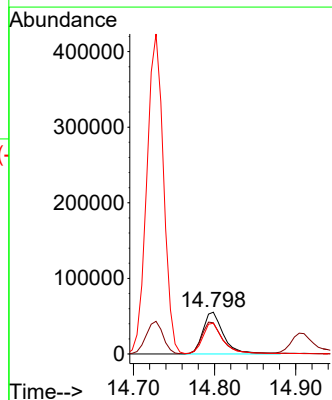
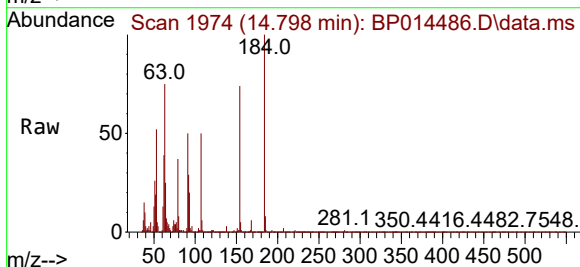
Tgt Ion:184 Resp: 97406

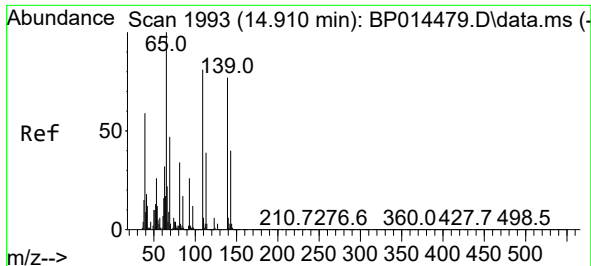
Ion Ratio Lower Upper

184 100

63 74.8 57.1 85.7

154 73.8 55.3 82.9

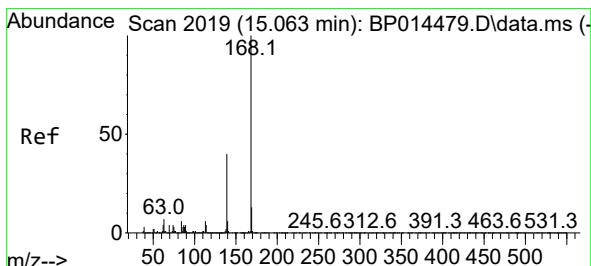
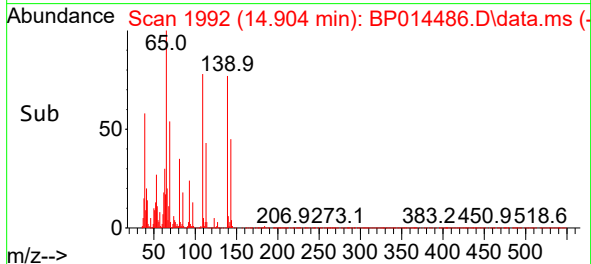
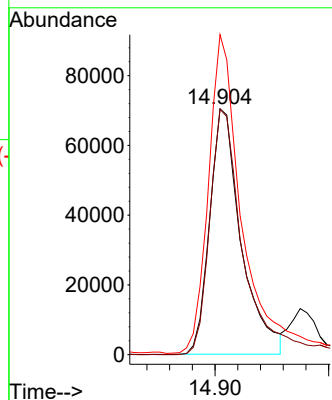
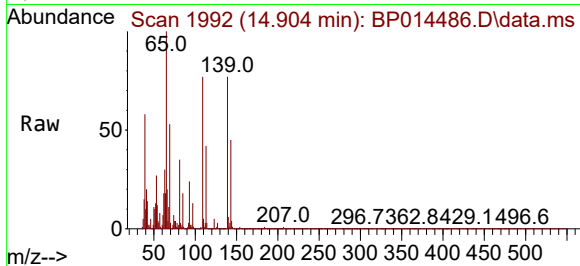




#55
4-Nitrophenol
Concen: 31.284 ng/ul
RT: 14.904 min Scan# 1993
Delta R.T. 0.012 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

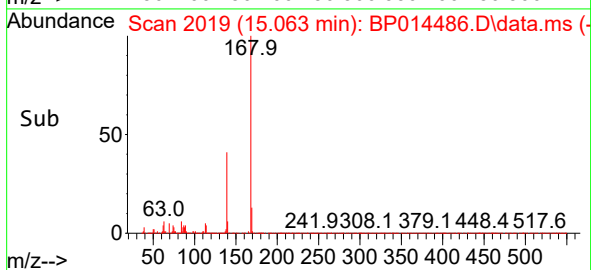
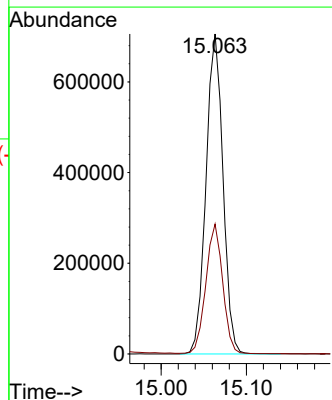
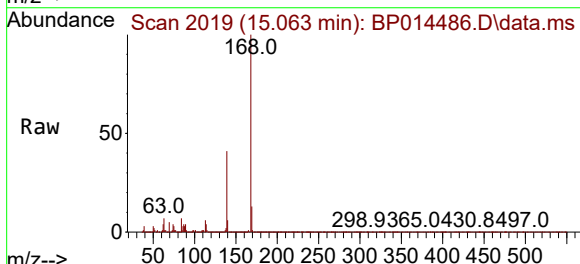
Instrument :
BNA_P
ClientSampleId :
SLCS840

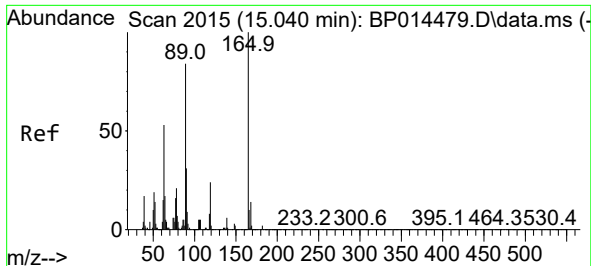
Tgt Ion:109 Resp: 135460
Ion Ratio Lower Upper
109 100
139 99.8 77.4 116.2
65 130.1 97.3 145.9



#56
Dibenzofuran
Concen: 28.660 ng/ul
RT: 15.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:168 Resp: 977058
Ion Ratio Lower Upper
168 100
139 40.6 32.1 48.1

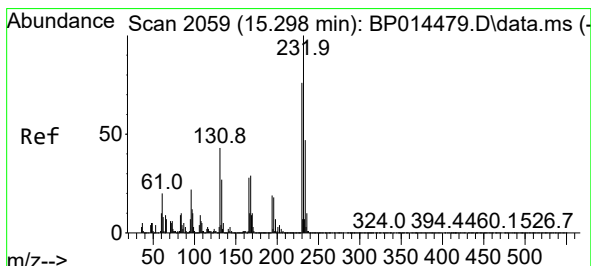
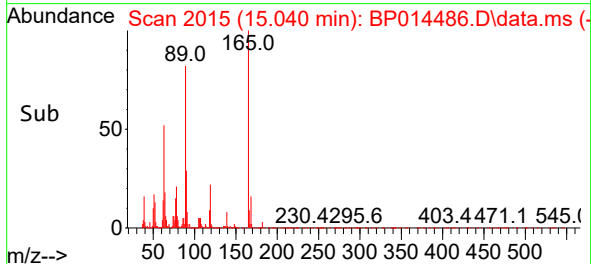
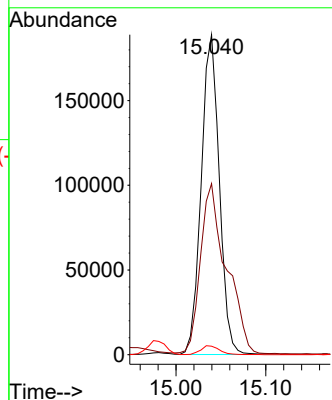
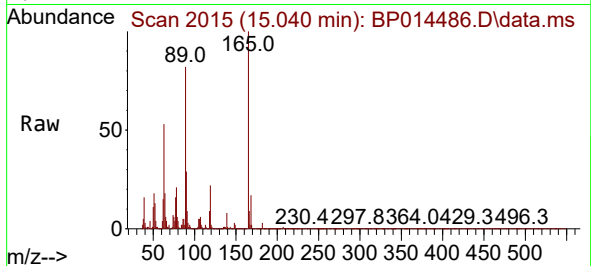




#57
2,4-Dinitrotoluene
Concen: 32.822 ng/ul
RT: 15.040 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

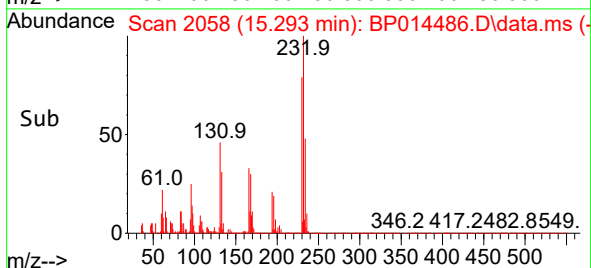
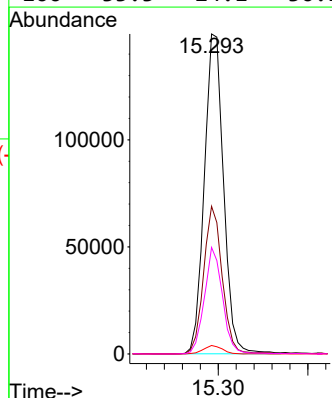
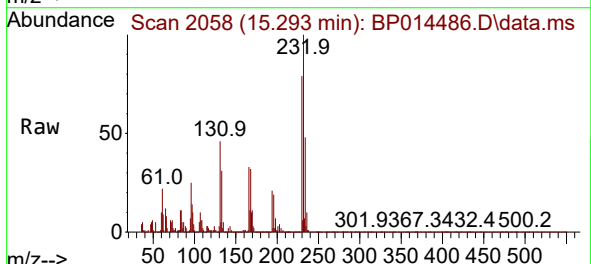
Instrument :
BNA_P
ClientSampleId :
SLCS840

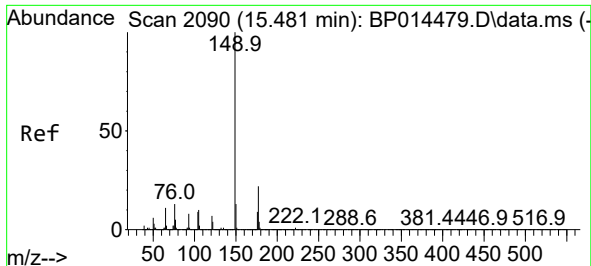
Tgt Ion:165 Resp: 264120
Ion Ratio Lower Upper
165 100
63 53.5 41.6 62.4
182 2.7 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.478 ng/ul
RT: 15.293 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:232 Resp: 222885
Ion Ratio Lower Upper
232 100
131 46.1 35.0 52.4
130 2.7 1.9 2.9
166 33.3 24.1 36.1

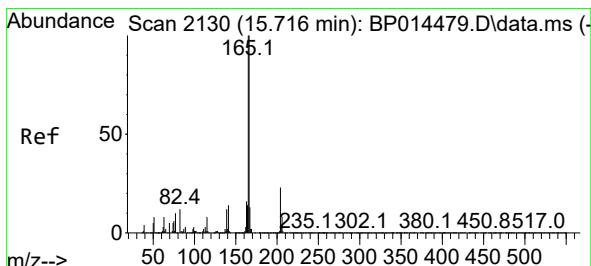
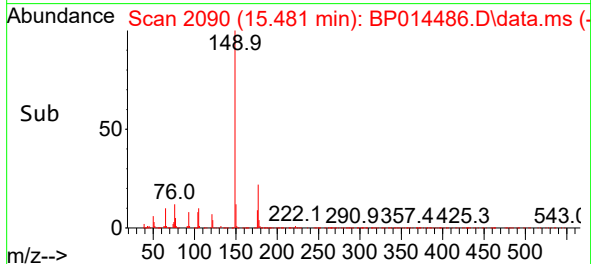
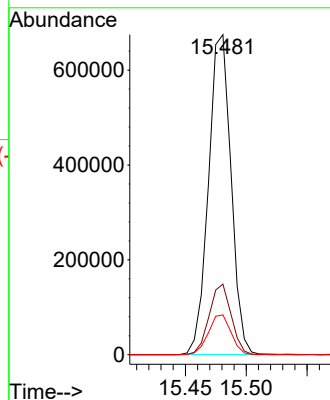
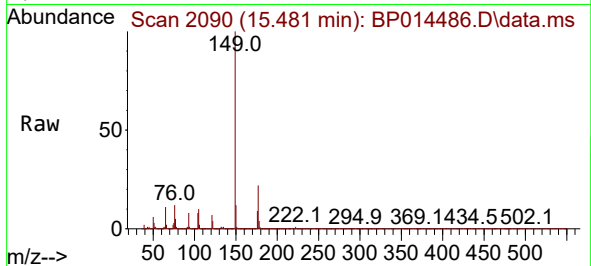




#59
Diethylphthalate
Concen: 30.060 ng/ul
RT: 15.481 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

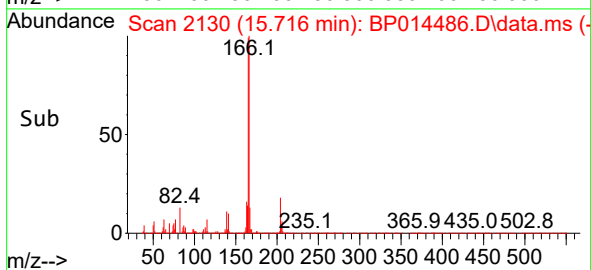
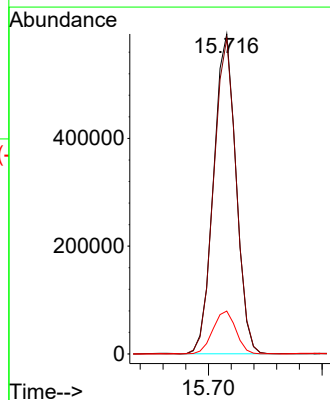
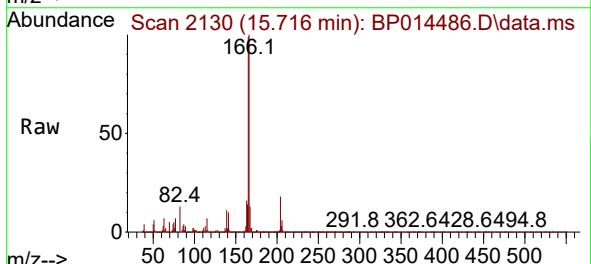
Instrument :
BNA_P
ClientSampleId :
SLCS840

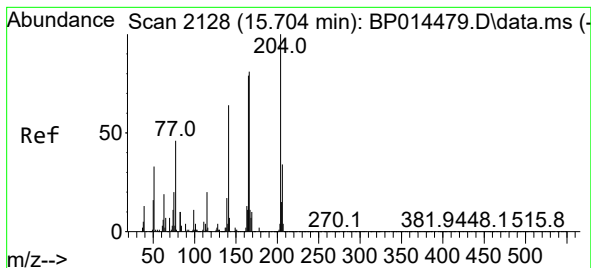
Tgt Ion:149 Resp: 867373
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.5 9.8 14.8



#61
Fluorene
Concen: 29.437 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:166 Resp: 813428
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 13.4 11.0 16.4

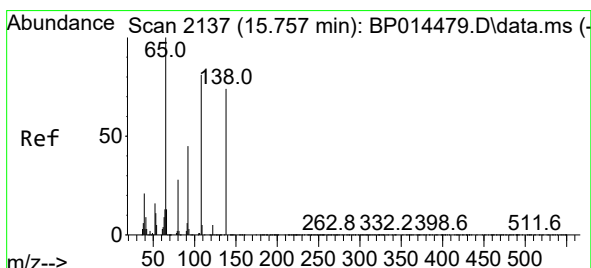
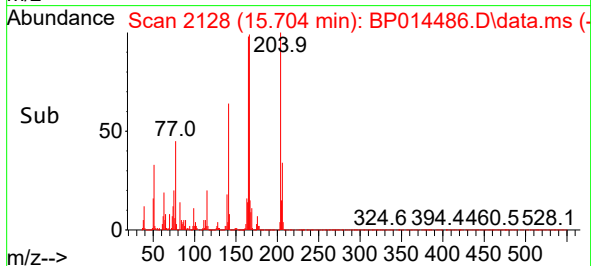
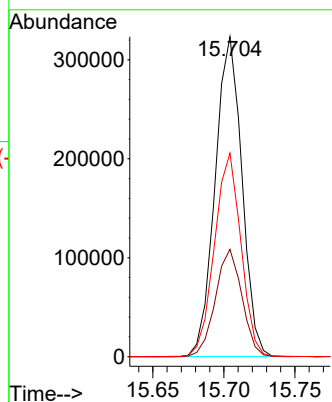
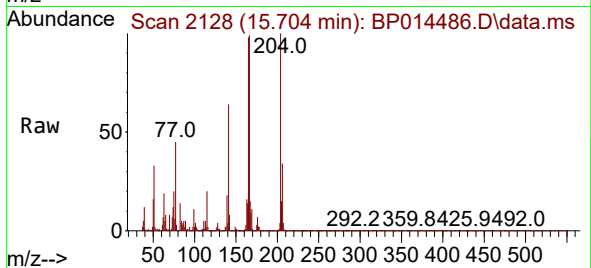




#62
4-Chlorophenyl-phenylether
Concen: 28.507 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

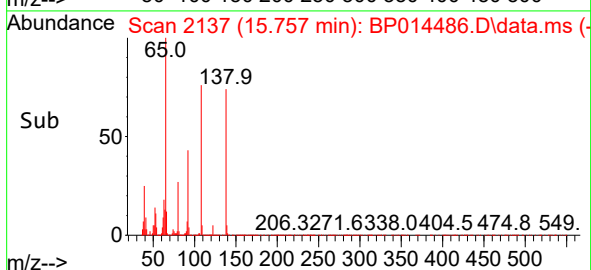
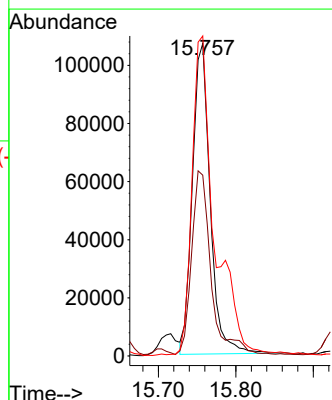
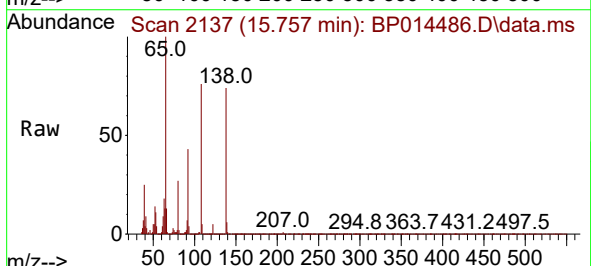
Instrument :
BNA_P
ClientSampleId :
SLCS840

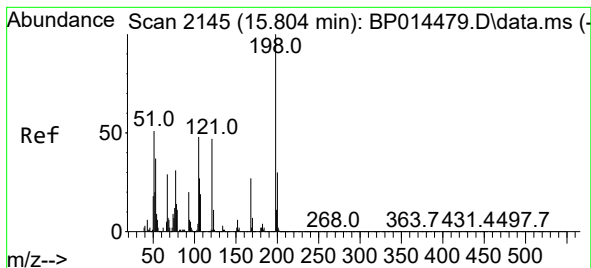
Tgt Ion:204 Resp: 423212
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 63.6 51.3 76.9



#63
4-Nitroaniline
Concen: 41.176 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:138 Resp: 170031
Ion Ratio Lower Upper
138 100
92 57.9 47.8 71.6
108 102.4 82.3 123.5

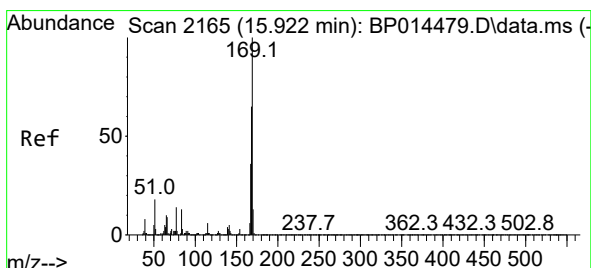
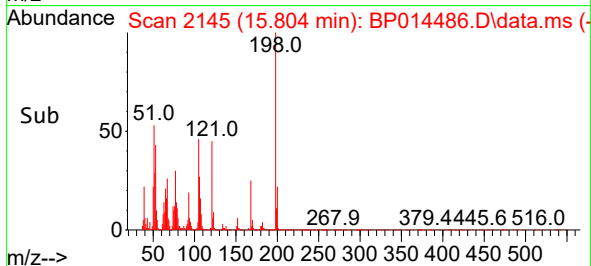
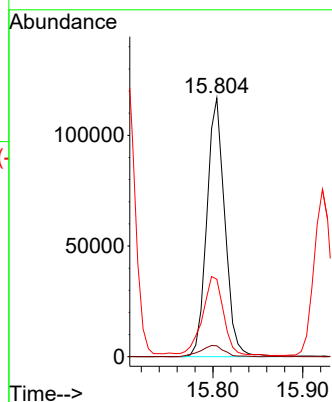
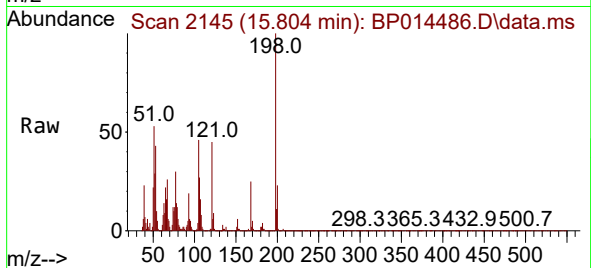




#66
4,6-Dinitro-2-methylphenol
Concen: 26.672 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

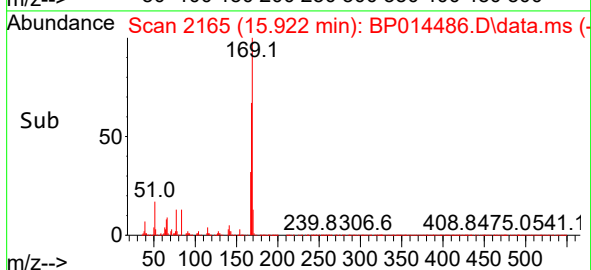
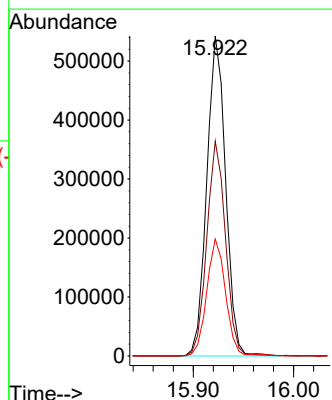
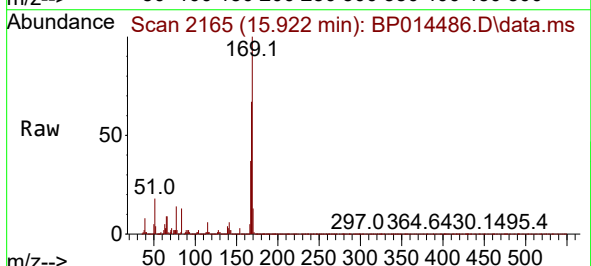
Instrument :
BNA_P
ClientSampleId :
SLCS840

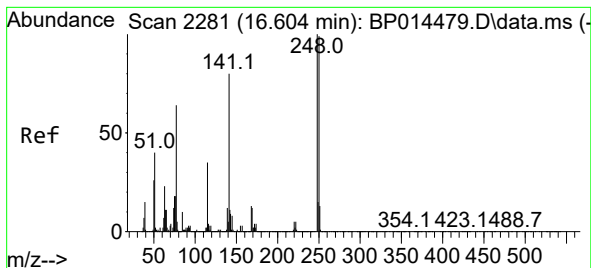
Tgt Ion:198 Resp: 162570
Ion Ratio Lower Upper
198 100
182 4.2 3.5 5.3
77 29.9 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 26.580 ng/ul
RT: 15.922 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:169 Resp: 706869
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 36.6 29.4 44.2

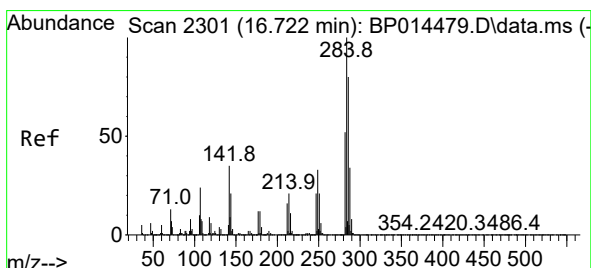
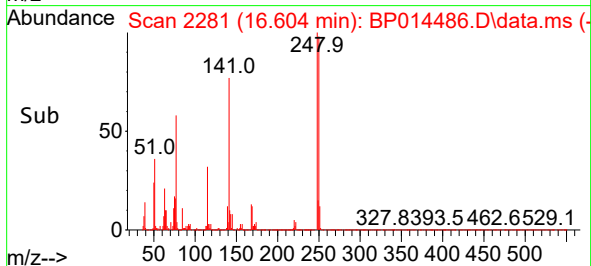
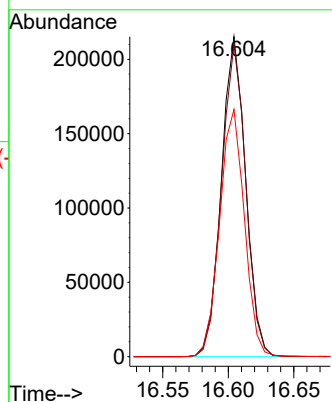
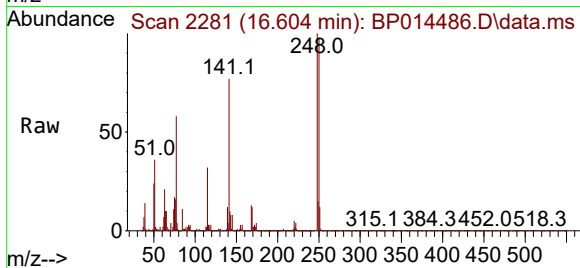




#68
4-Bromophenyl-phenylether
Concen: 26.062 ng/ul
RT: 16.604 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

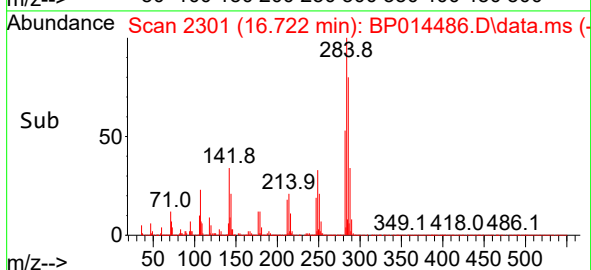
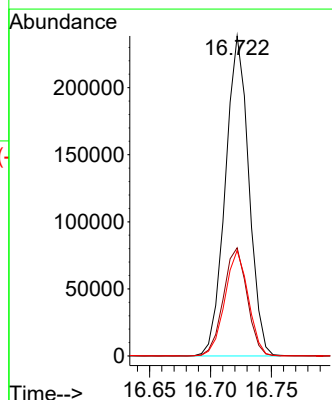
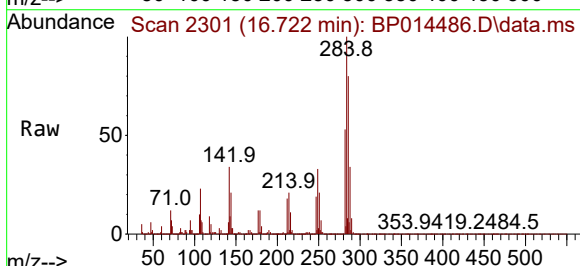
Instrument :
BNA_P
ClientSampleId :
SLCS840

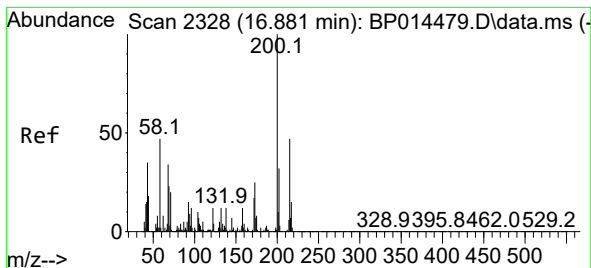
Tgt Ion:248 Resp: 277196
Ion Ratio Lower Upper
248 100
250 97.6 78.1 117.1
141 77.3 66.0 99.0



#69
Hexachlorobenzene
Concen: 26.220 ng/ul
RT: 16.722 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:284 Resp: 320337
Ion Ratio Lower Upper
284 100
142 33.8 26.6 39.8
249 33.0 25.7 38.5





#70

Atrazine

Concen: 17.915 ng/ul

RT: 16.881 min Scan# 2328

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

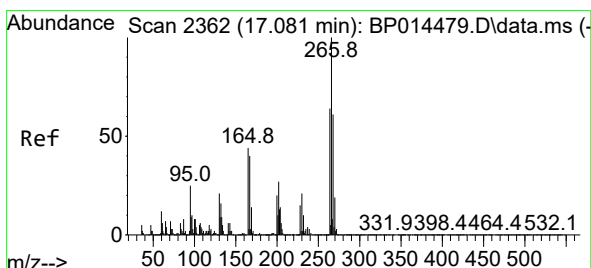
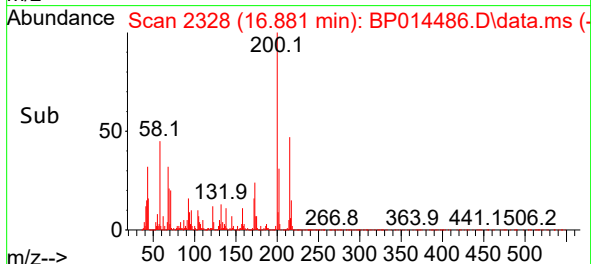
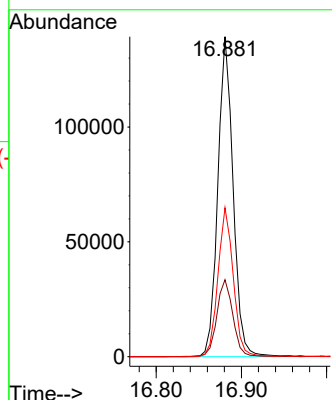
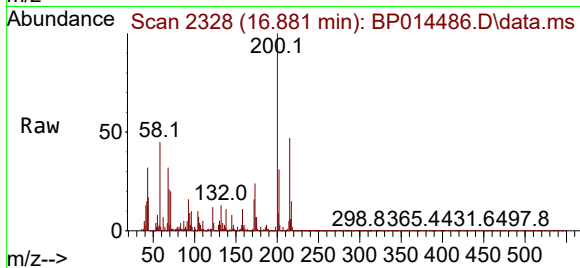
Tgt Ion:200 Resp: 173432

Ion Ratio Lower Upper

200 100

173 24.0 20.6 30.8

215 46.6 37.2 55.8



#71

Pentachlorophenol

Concen: 25.890 ng/ul

RT: 17.081 min Scan# 2362

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

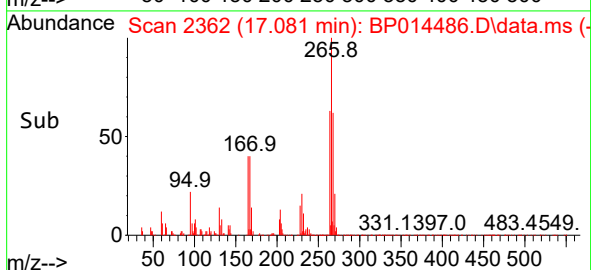
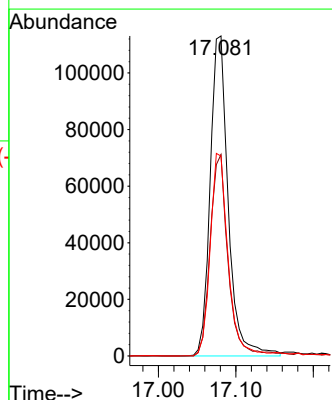
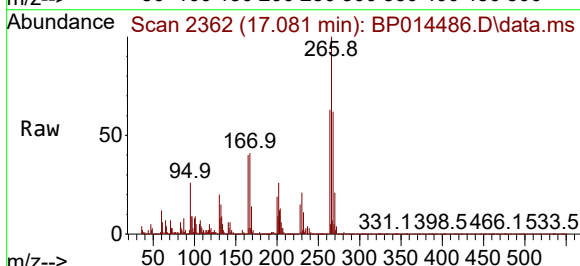
Tgt Ion:266 Resp: 183241

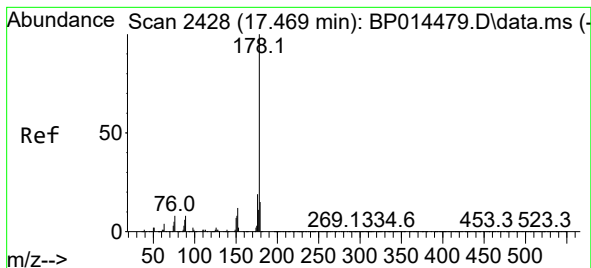
Ion Ratio Lower Upper

266 100

264 62.9 51.0 76.4

268 62.5 51.4 77.2





#72

Phenanthrene

Concen: 28.699 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

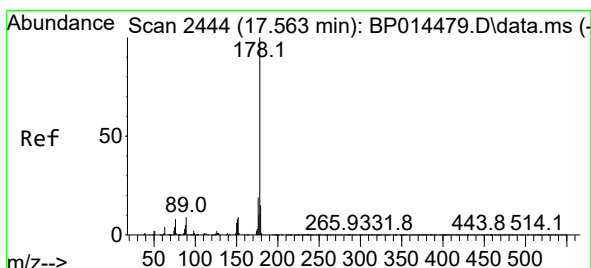
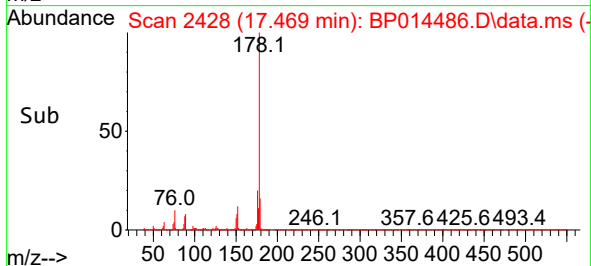
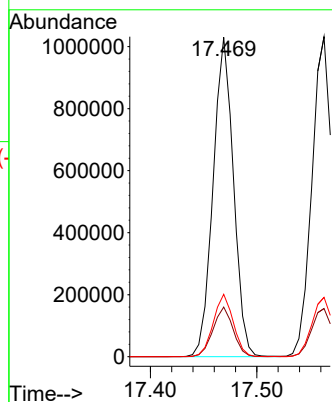
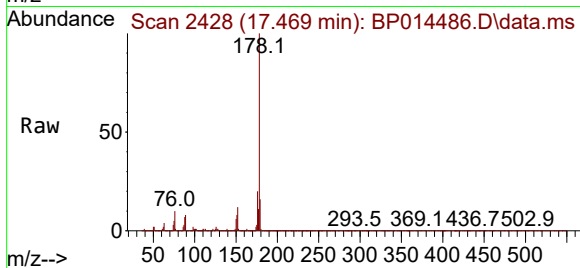
Tgt Ion:178 Resp: 1364727

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.5 15.3 22.9



#74

Anthracene

Concen: 29.128 ng/ul

RT: 17.563 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

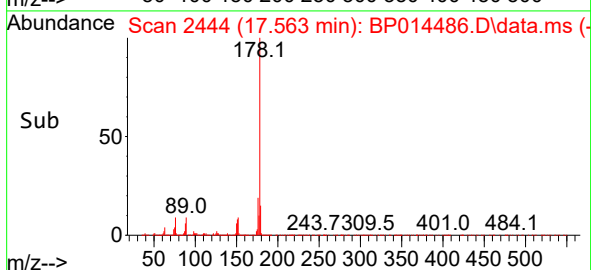
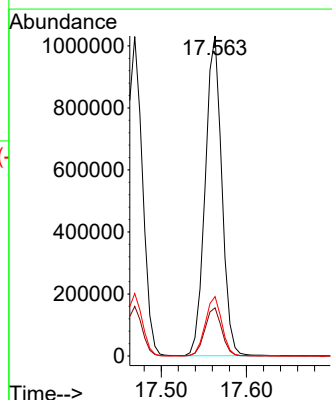
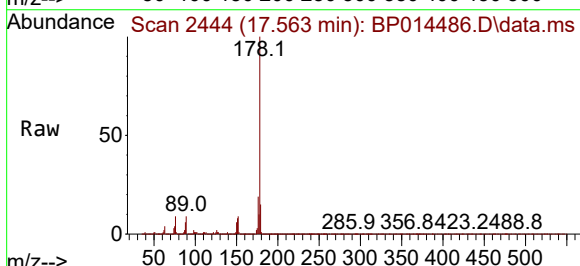
Tgt Ion:178 Resp: 1396026

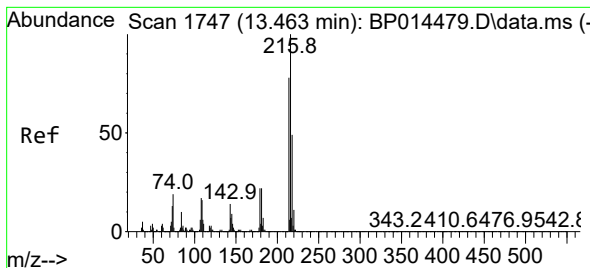
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.6 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.106 ng/uL

RT: 13.463 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

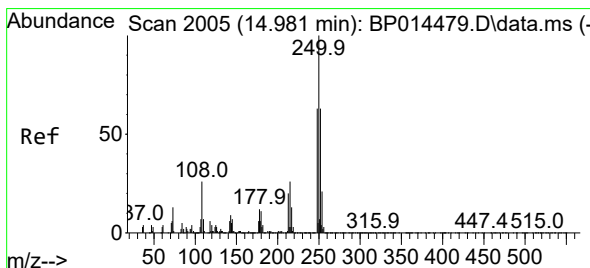
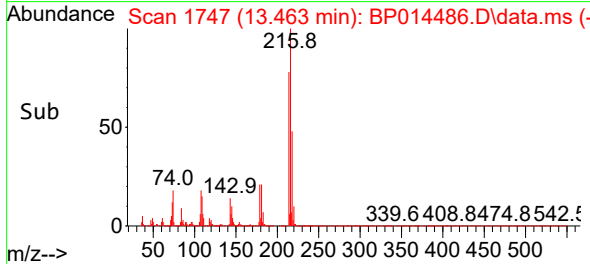
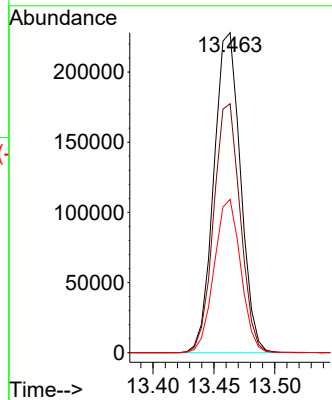
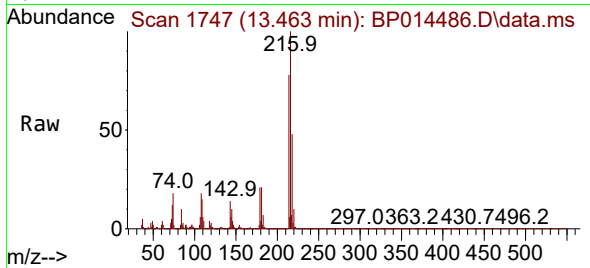
Tgt Ion:216 Resp: 347643

Ion Ratio Lower Upper

216 100

214 77.8 61.0 91.6

218 47.9 38.7 58.1



#76

Pentachlorobenzene

Concen: 24.167 ng/uL

RT: 14.981 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

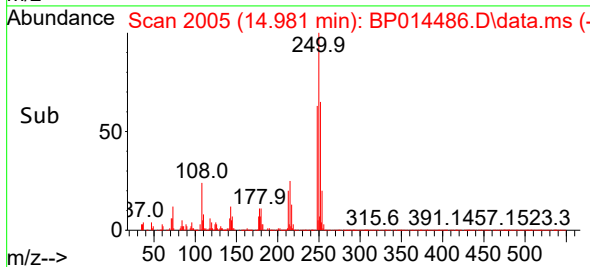
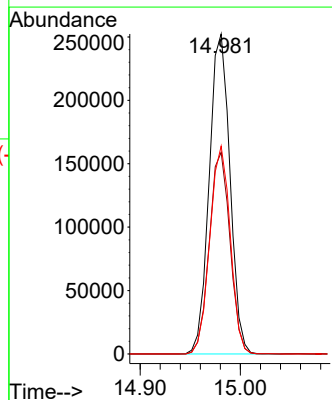
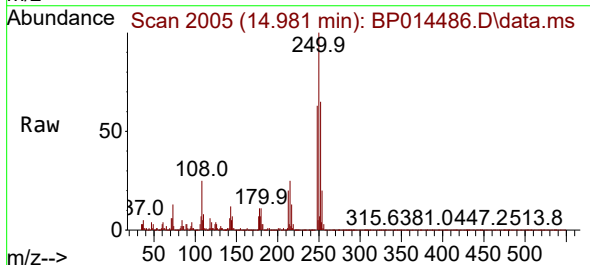
Tgt Ion:250 Resp: 362815

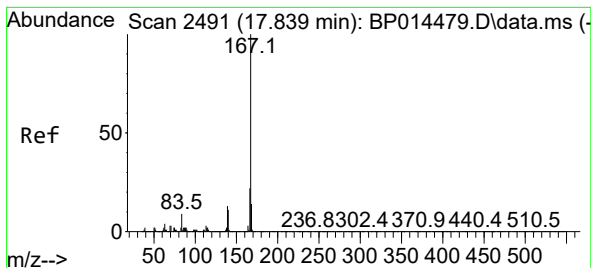
Ion Ratio Lower Upper

250 100

248 63.0 49.0 73.6

252 65.0 50.7 76.1





#77

Carbazole

Concen: 31.685 ng/ul

RT: 17.834 min Scan# 2491

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

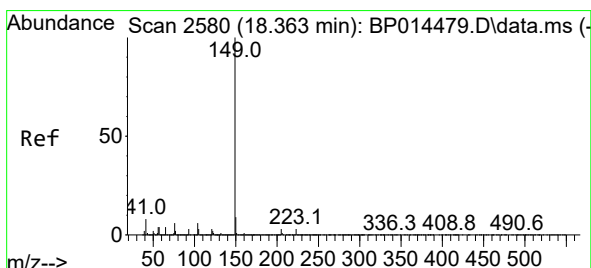
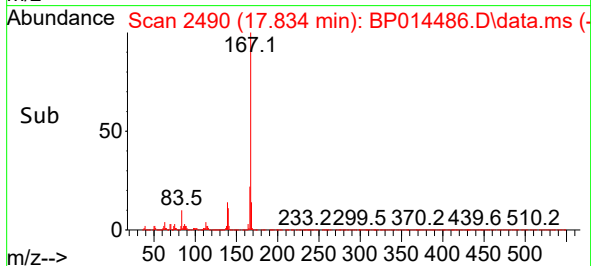
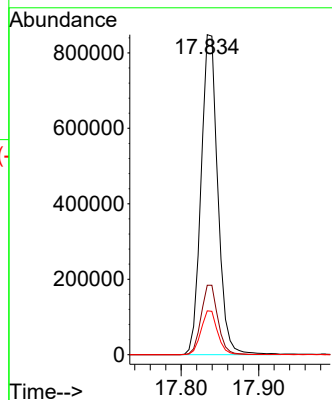
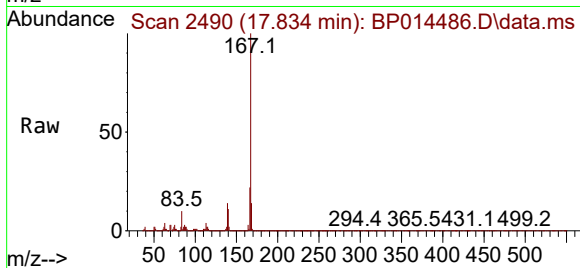
Tgt Ion:167 Resp: 1270815

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.7 11.3 16.9



#78

Di-n-butylphthalate

Concen: 31.725 ng/ul

RT: 18.363 min Scan# 2580

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

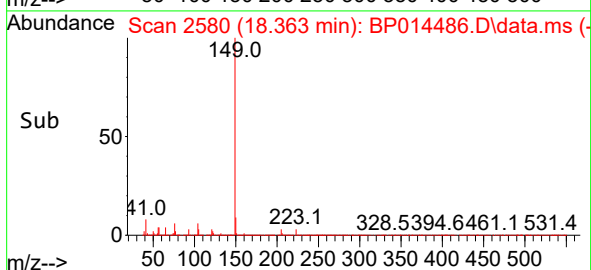
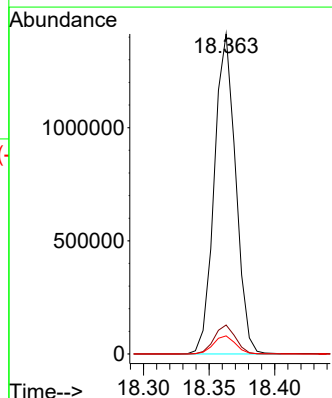
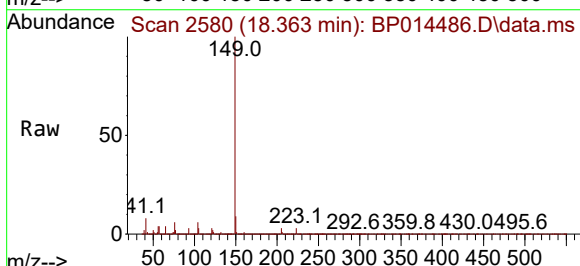
Tgt Ion:149 Resp: 1599954

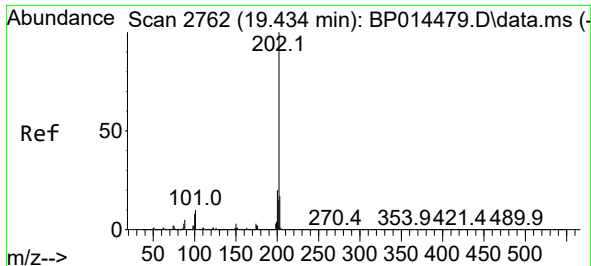
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.7 4.8 7.2

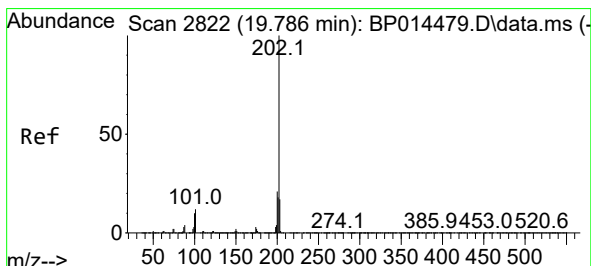
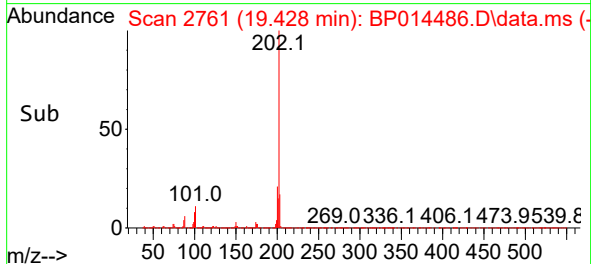
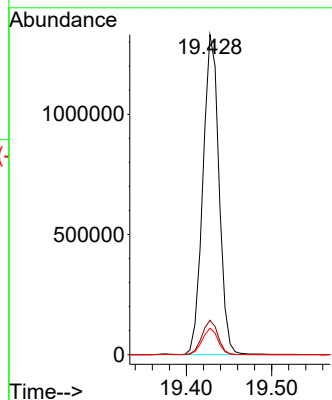
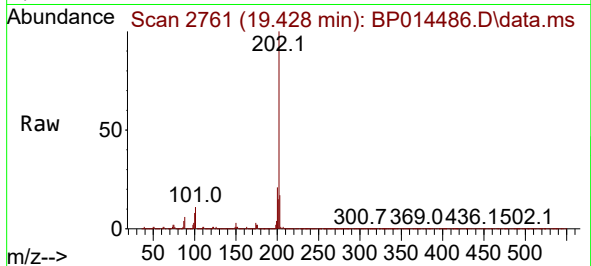




#80
Fluoranthene
Concen: 23.981 ng/ul
RT: 19.428 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

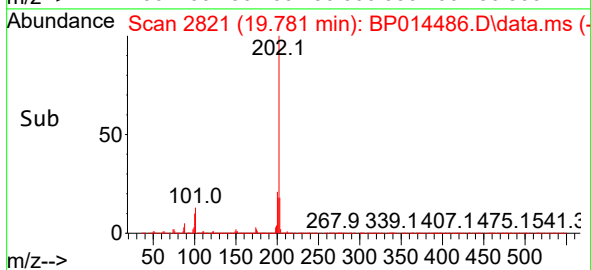
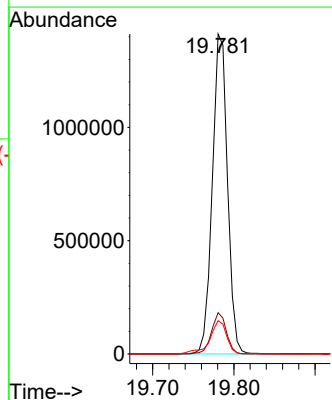
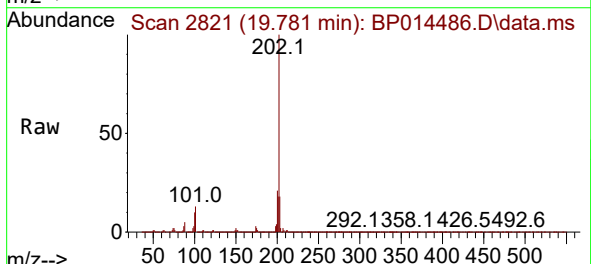
Instrument :
BNA_P
ClientSampleId :
SLCS840

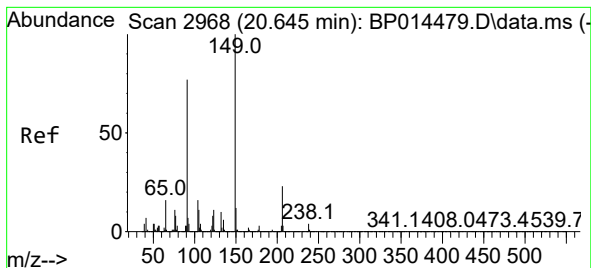
Tgt Ion:202 Resp: 1744601
Ion Ratio Lower Upper
202 100
101 10.8 8.2 12.2
100 8.3 6.4 9.6



#82
Pyrene
Concen: 24.067 ng/ul
RT: 19.781 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP014486.D
Acq: 03 Apr 2023 14:41

Tgt Ion:202 Resp: 1827963
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 10.4 8.0 12.0





#83

Butylbenzylphthalate

Concen: 30.809 ng/ul

RT: 20.639 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

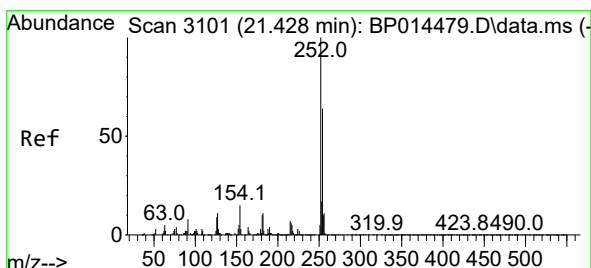
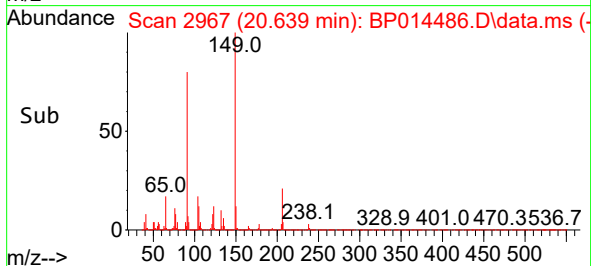
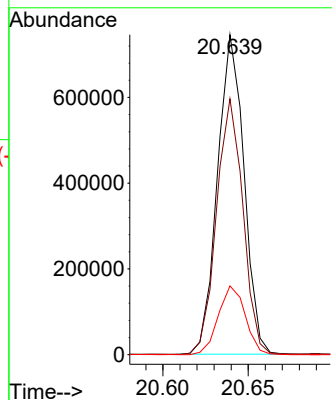
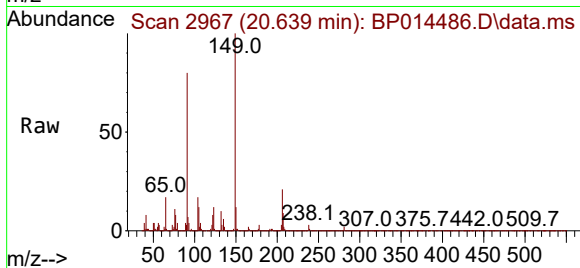
Tgt Ion:149 Resp: 806037

Ion Ratio Lower Upper

149 100

91 79.9 61.8 92.8

206 21.5 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 30.066 ng/ul

RT: 21.428 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

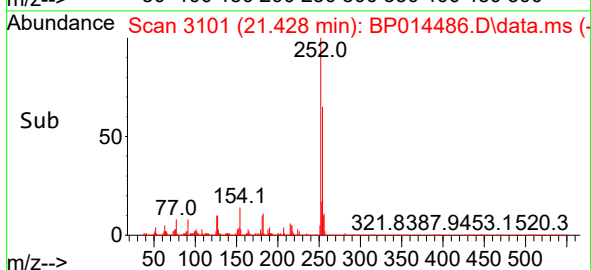
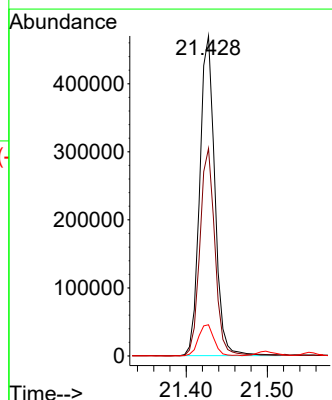
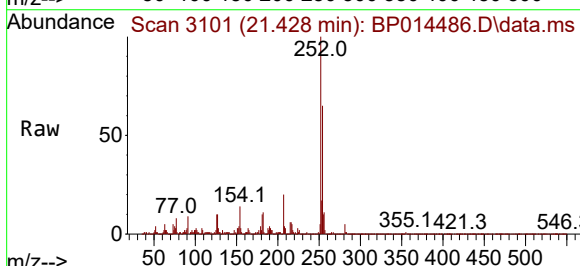
Tgt Ion:252 Resp: 609092

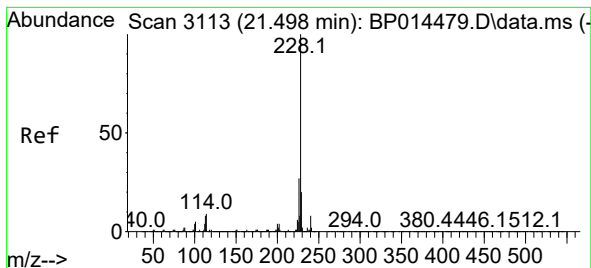
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.0

126 9.8 7.8 11.6





#85

Benzo(a)anthracene

Concen: 29.383 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

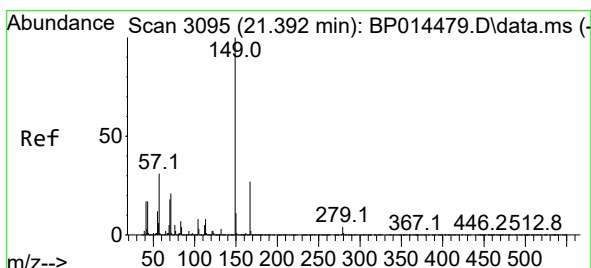
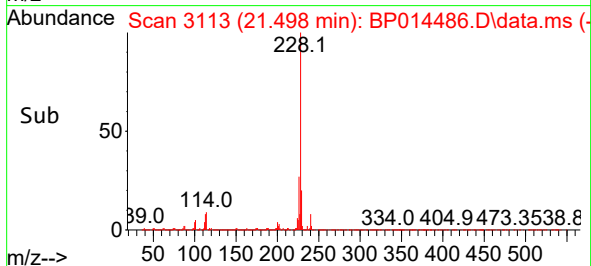
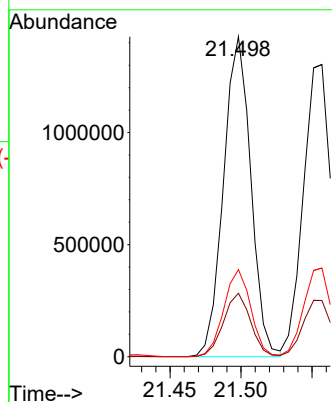
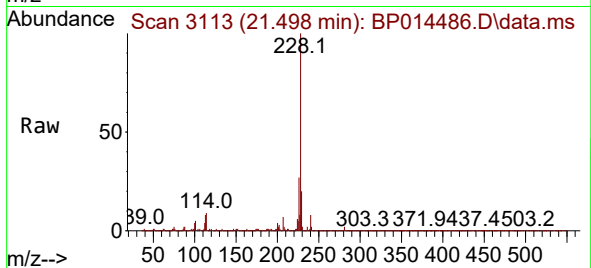
Tgt Ion:228 Resp: 1907322

Ion Ratio Lower Upper

228 100

229 19.9 15.6 23.4

226 27.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.036 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

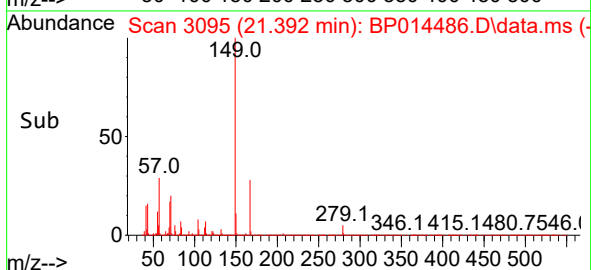
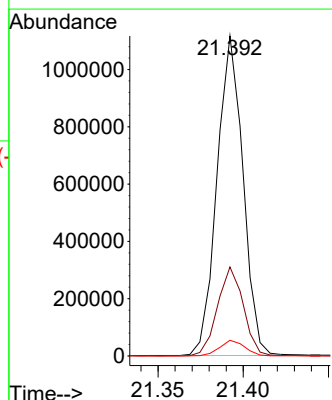
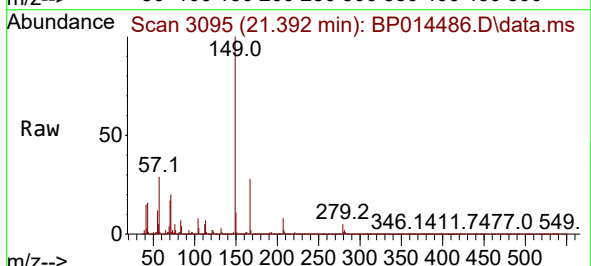
Tgt Ion:149 Resp: 1181897

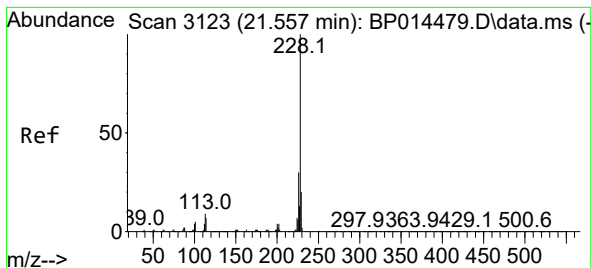
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 4.9 3.7 5.5





#87

Chrysene

Concen: 29.258 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

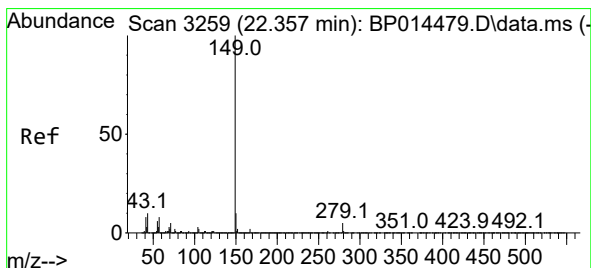
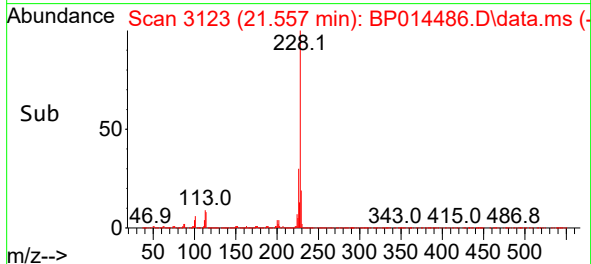
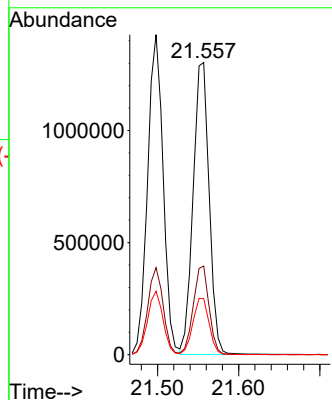
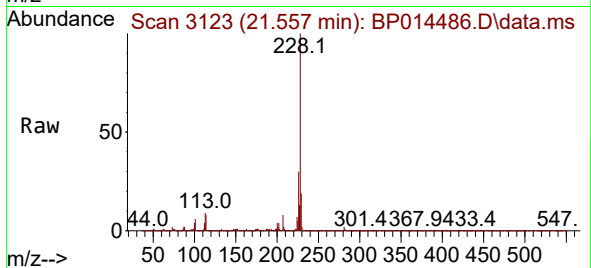
Tgt Ion:228 Resp: 1793249

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 19.2 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 33.941 ng/ul

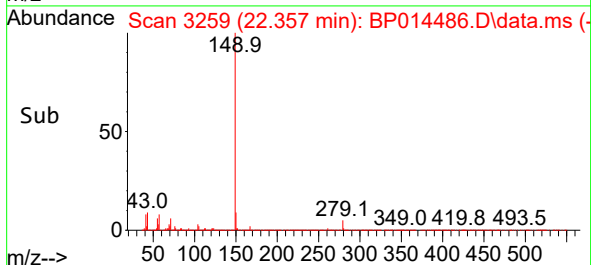
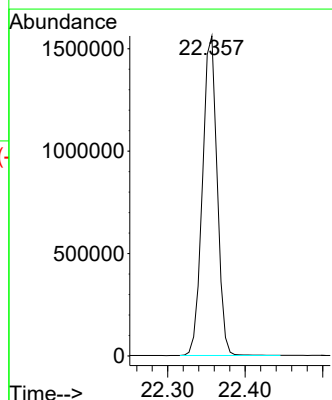
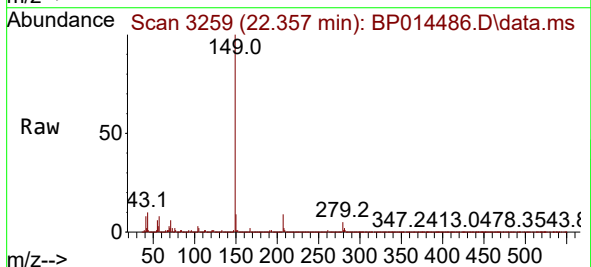
RT: 22.357 min Scan# 3259

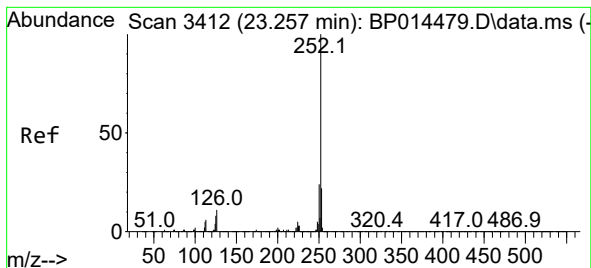
Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Tgt Ion:149 Resp: 2051626





#90

Benzo(b)fluoranthene

Concen: 29.151 ng/ul

RT: 23.257 min Scan# 3412

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

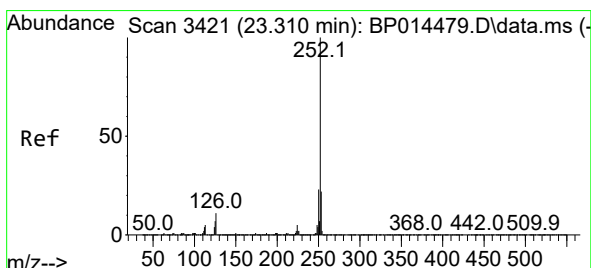
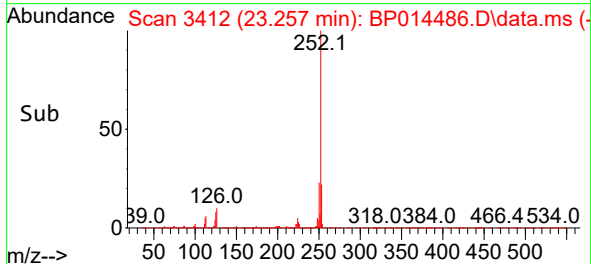
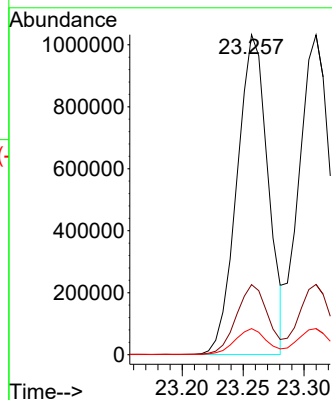
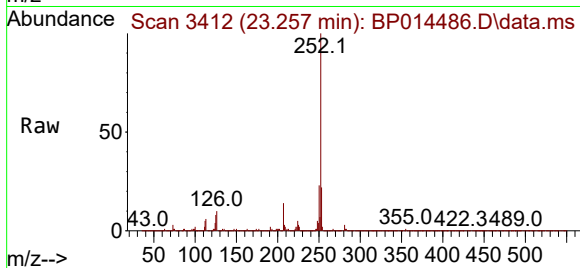
Tgt Ion:252 Resp: 1833848

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 8.2 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 30.312 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

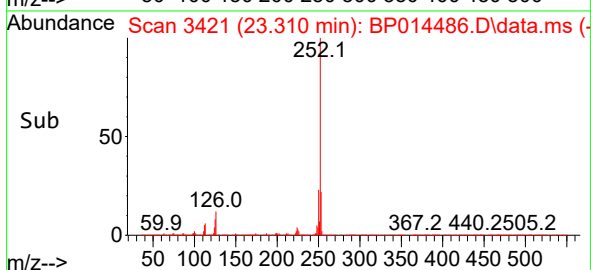
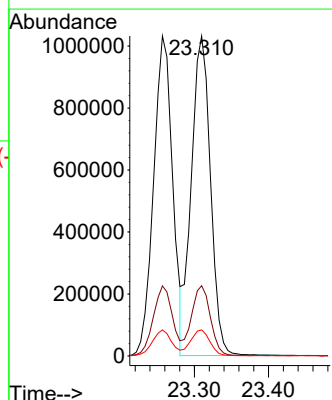
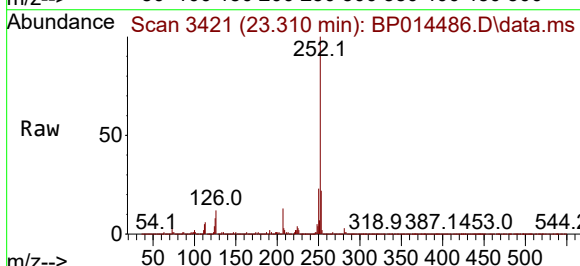
Tgt Ion:252 Resp: 1852057

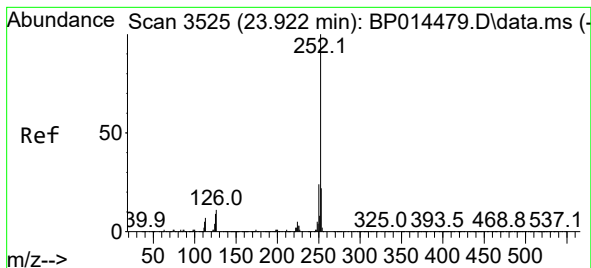
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.2 6.9 10.3





#93

Benzo(a)pyrene

Concen: 29.306 ng/ul

RT: 23.922 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

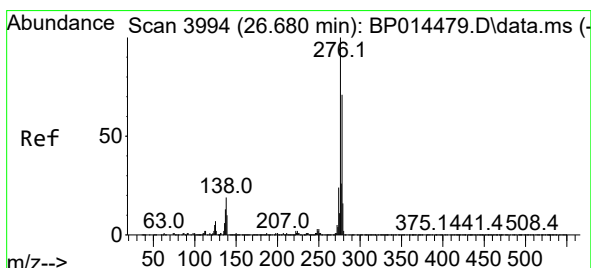
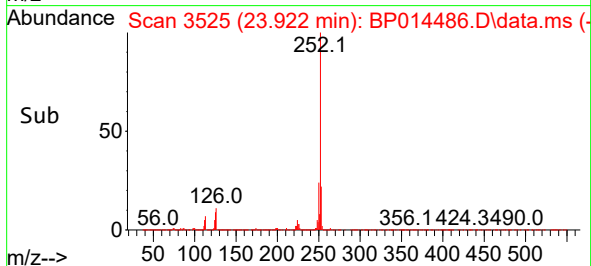
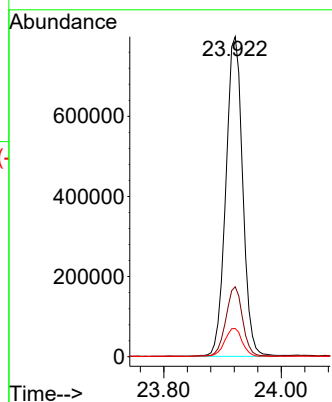
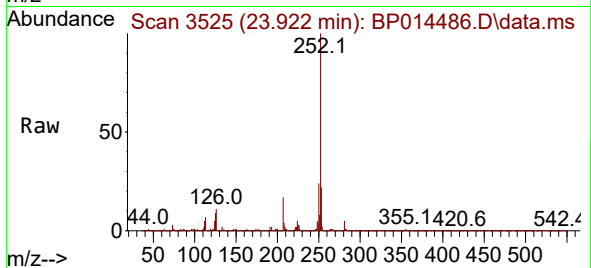
Tgt Ion:252 Resp: 1586927

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

125 8.8 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 25.958 ng/ul

RT: 26.680 min Scan# 3994

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

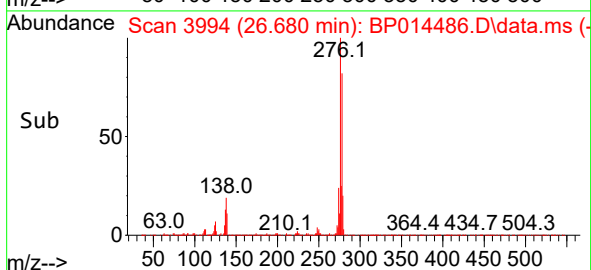
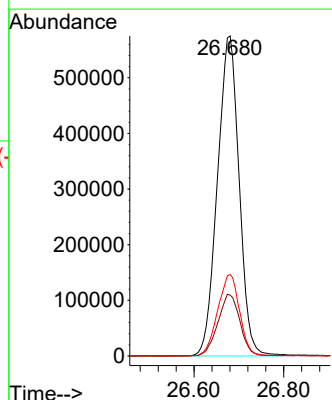
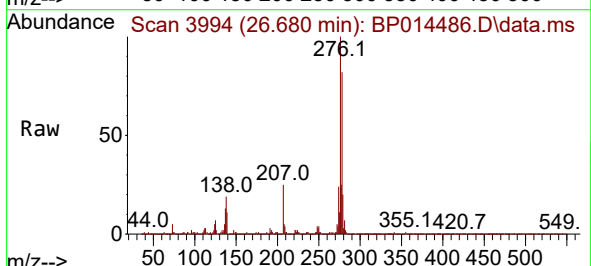
Tgt Ion:276 Resp: 1933844

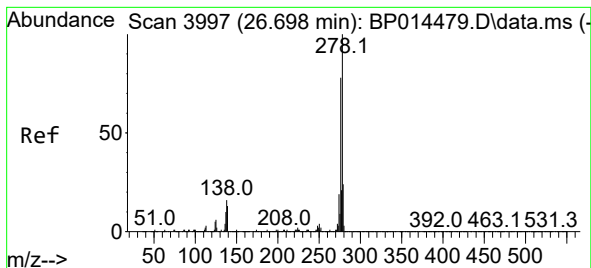
Ion Ratio Lower Upper

276 100

138 19.0 14.9 22.3

277 25.4 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 25.787 ng/ul

RT: 26.692 min Scan# 3996

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SLCS840

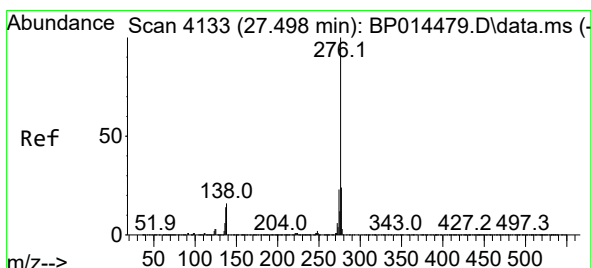
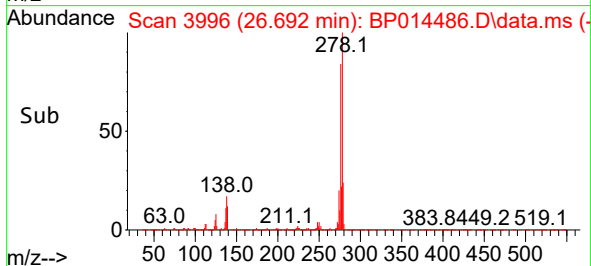
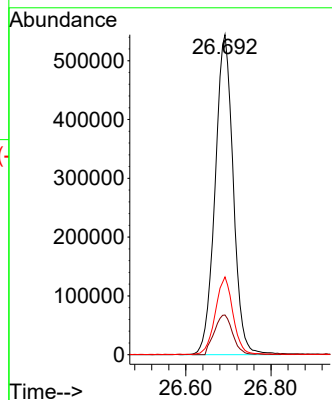
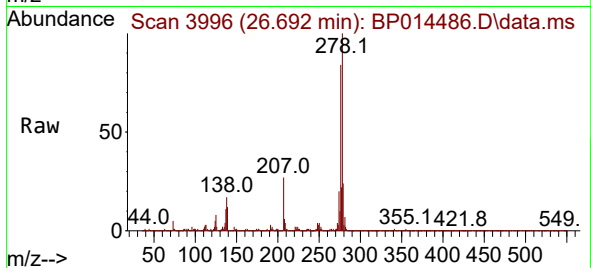
Tgt Ion:278 Resp: 1608422

Ion Ratio Lower Upper

278 100

139 12.4 10.4 15.6

279 24.3 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 25.124 ng/ul

RT: 27.492 min Scan# 4132

Delta R.T. 0.000 min

Lab File: BP014486.D

Acq: 03 Apr 2023 14:41

Tgt Ion:276 Resp: 1525662

Ion Ratio Lower Upper

276 100

138 17.3 13.0 19.4

277 23.6 18.4 27.6

