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 Data File : BP015564.D
 Acq On : 15 Jun 2023 19:50
 Operator : MA/JU
 Sample : PB153379BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS379

Quant Time: Jun 15 22:07:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	102358	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	467879	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	322496	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	783249	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	839058	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	961574	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	19738	7.141	ng/uL	0.00
4) Pyridine-d5	3.846	84	267589	37.269	ng/u1	0.00
7) Phenol-d5	7.246	99	380090	40.307	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	227798	40.449	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	293239	42.891	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	326943	42.245	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	153836	41.879	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	183180	43.667	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	329017	42.996	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	416238	37.896	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	1080307	42.480	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	1186403	42.665	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	197274	43.318	ng/u1	0.00
60) Fluorene-d10	15.722	176	904110	42.159	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	200500	40.408	ng/u1	0.00
73) Anthracene-d10	17.586	188	1490725	41.831	ng/u1	0.00
81) Pyrene-d10	19.810	212	1927618	42.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	2108362	43.699	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	41046	14.058	ng/uL#	86
5) Pyridine	3.864	79	279032	37.486	ng/u1	95
6) Benzaldehyde	7.222	77	167757	46.543	ng/u1	96
8) Phenol	7.269	94	392124	40.307	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.505	93	298541	38.813	ng/u1	99
12) 2-Chlorophenol	7.646	128	292164	40.446	ng/u1	97
13) 2-Methylphenol	8.534	108	302535	40.418	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.610	45	399393	39.183	ng/u1	99
16) Acetophenone	8.922	105	496547	40.203	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.904	70	263625	39.547	ng/u1	99
18) 4-Methylphenol	8.869	108	332715	40.399	ng/u1	98
19) Hexachloroethane	9.175	117	121768	39.891	ng/u1	99
22) Nitrobenzene	9.304	77	406082	41.686	ng/u1	97
23) Isophorone	9.834	82	768931	39.431	ng/u1	99
25) 2-Nitrophenol	10.022	139	186770	41.237	ng/u1	97
26) 2,4-Dimethylphenol	10.081	107	372308	38.762	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.316	93	439074	38.728	ng/u1	100
29) 2,4-Dichlorophenol	10.557	162	319805	42.034	ng/u1	98
30) Naphthalene	10.963	128	995798	39.276	ng/u1	99
32) 4-Chloroaniline	11.081	127	319951	28.152	ng/u1	97
33) Hexachlorobutadiene	11.240	225	209954	40.918	ng/u1	97
34) Caprolactam	11.869	113	118327	41.314	ng/u1	90
35) 4-Chloro-3-methylphenol	12.198	107	395143	42.865	ng/u1	98
36) 2-Methylnaphthalene	12.563	142	710330	39.853	ng/u1	100

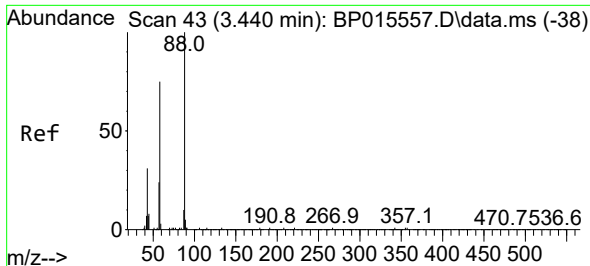
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	710997	39.619	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.928	216	411955	41.022	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	154785	37.602	ng/ul	97
41) 2,4,6-Trichlorophenol	13.169	196	265606	39.739	ng/ul	96
42) 2,4,5-Trichlorophenol	13.245	196	296887	40.762	ng/ul	100
43) 1,1'-Biphenyl	13.563	154	999533	40.078	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	784049	40.069	ng/ul	99
45) 2-Nitroaniline	13.822	65	281526	44.955	ng/ul	97
47) Dimethylphthalate	14.187	163	1068946	40.711	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	230938	42.929	ng/ul	98
50) Acenaphthylene	14.457	152	1227369	39.857	ng/ul	99
51) 3-Nitroaniline	14.645	138	222989	50.213	ng/ul	96
52) Acenaphthene	14.792	153	857083	40.264	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	128474	39.701	ng/ul	97
55) 4-Nitrophenol	14.951	109	193904	44.142	ng/ul	91
56) Dibenzofuran	15.128	168	1226504	40.653	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	343843	43.458	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.357	232	255336	38.827	ng/ul	98
59) Diethylphthalate	15.539	149	1123063	41.733	ng/ul	99
61) Fluorene	15.781	166	1006924	40.942	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.769	204	506329	40.849	ng/ul	98
63) 4-Nitroaniline	15.810	138	241141	57.247	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.863	198	197934	39.112	ng/ul	92
67) N-Nitrosodiphenylamine	15.986	169	875578	39.404	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	336976	40.214	ng/ul	95
69) Hexachlorobenzene	16.786	284	405129	40.987	ng/ul	95
70) Atrazine	16.933	200	73553	8.289	ng/ul	97
71) Pentachlorophenol	17.133	266	215080	38.498	ng/ul	100
72) Phenanthrene	17.528	178	1725059	41.041	ng/ul	100
74) Anthracene	17.622	178	1711061	40.121	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	425801	39.390	ng/ul	100
76) Pentachlorobenzene	15.045	250	432811	38.241	ng/ul	100
77) Carbazole	17.892	167	1615644	42.073	ng/ul	100
78) Di-n-butylphthalate	18.422	149	2071587	42.519	ng/ul	100
80) Fluoranthene	19.486	202	2233903	40.838	ng/ul	97
82) Pyrene	19.839	202	2301822	40.673	ng/ul	97
83) Butylbenzylphthalate	20.692	149	1094097	43.740	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	849029	42.831	ng/ul	100
85) Benzo(a)anthracene	21.551	228	2433559	41.488	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1633682	44.187	ng/ul	99
87) Chrysene	21.610	228	2300886	41.500	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	2933003	46.410	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2562998	41.292	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	2515989	41.933	ng/ul	99
93) Benzo(a)pyrene	24.004	252	2203461	40.718	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.821	276	2703043	38.596	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	2232891	39.134	ng/ul	98
96) Benzo(g,h,i)perylene	27.645	276	2195263	38.036	ng/ul	98

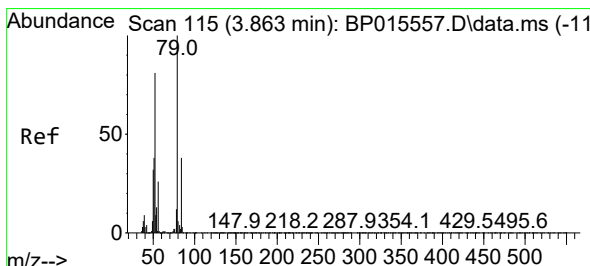
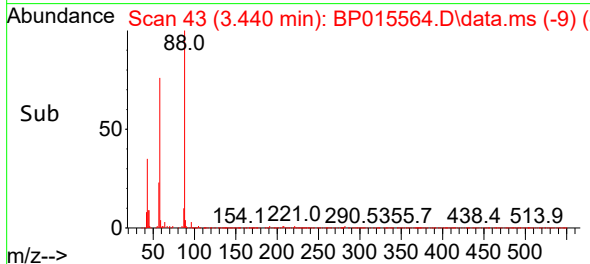
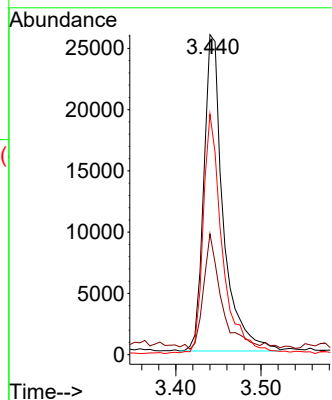
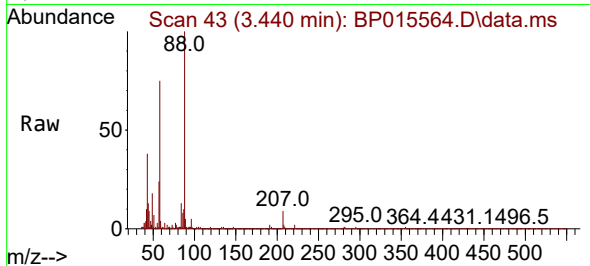
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#2
1,4-Dioxane
Concen: 14.058 ng/uL
RT: 3.440 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP015564.D
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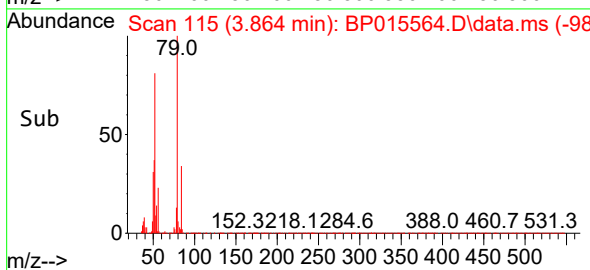
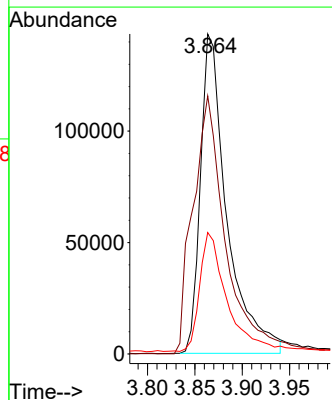
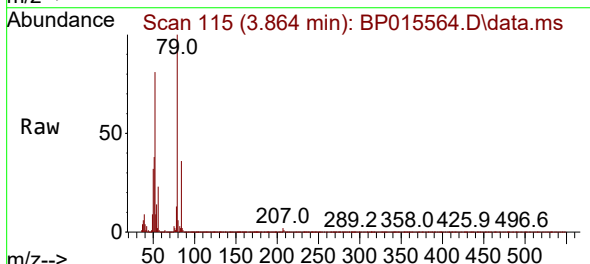
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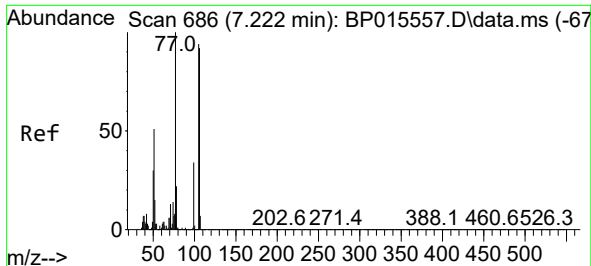
Tgt Ion: 88 Resp: 41046
Ion Ratio Lower Upper
88 100
43 37.8 23.9 35.9#
58 75.1 51.4 77.2



#5
Pyridine
Concen: 37.486 ng/uL
RT: 3.864 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion: 79 Resp: 279032
Ion Ratio Lower Upper
79 100
52 80.6 59.5 89.3
51 37.9 29.8 44.6

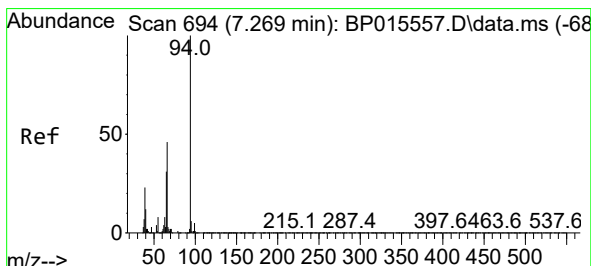
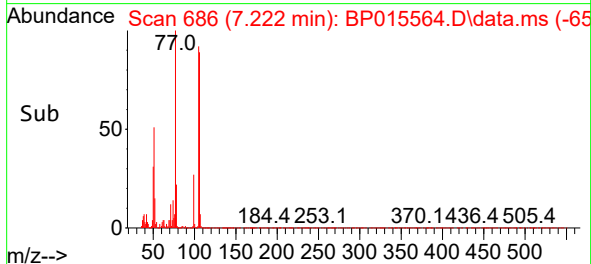
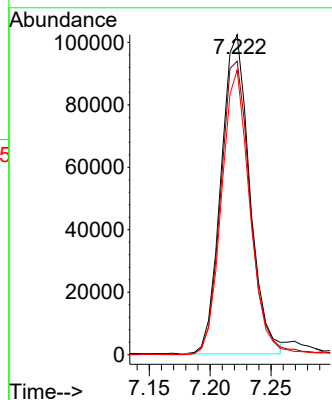
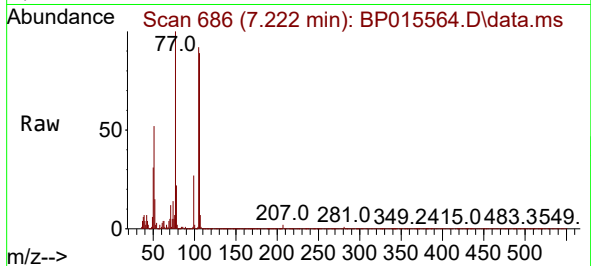




#6
Benzaldehyde
Concen: 46.543 ng/ul
RT: 7.222 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

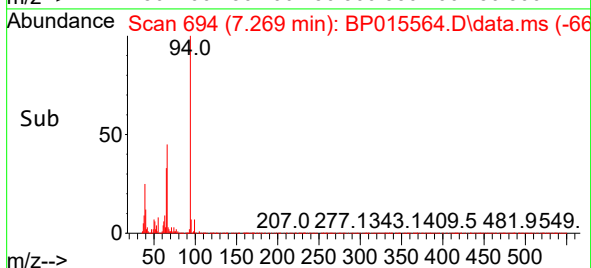
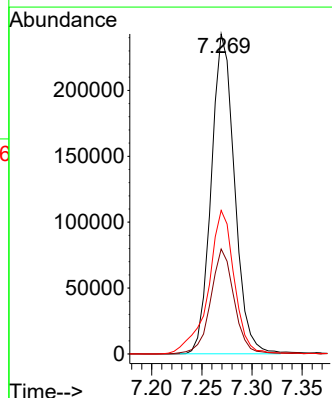
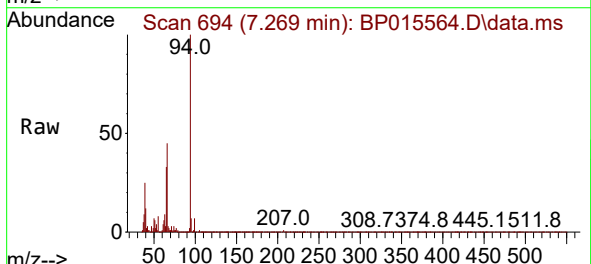
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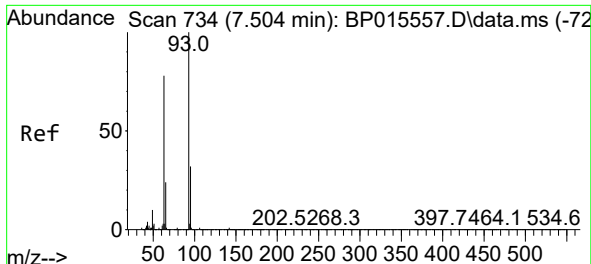
Tgt Ion: 77 Resp: 167757
Ion Ratio Lower Upper
77 100
105 91.7 77.3 115.9
106 89.0 73.3 109.9



#8
Phenol
Concen: 40.307 ng/ul
RT: 7.269 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion: 94 Resp: 392124
Ion Ratio Lower Upper
94 100
65 32.8 23.5 35.3
66 44.9 34.2 51.4

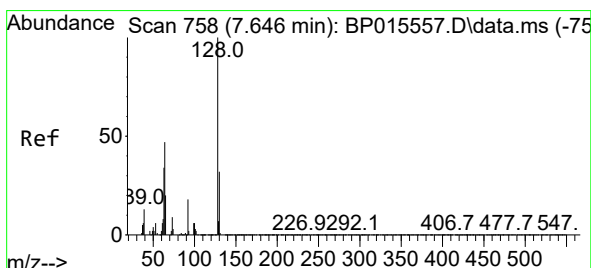
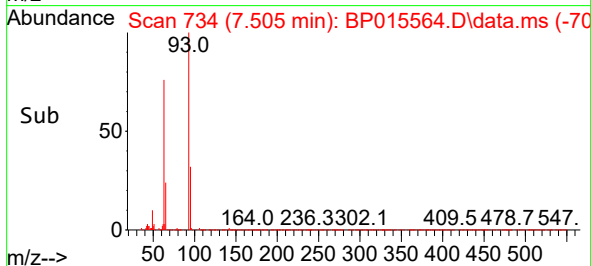
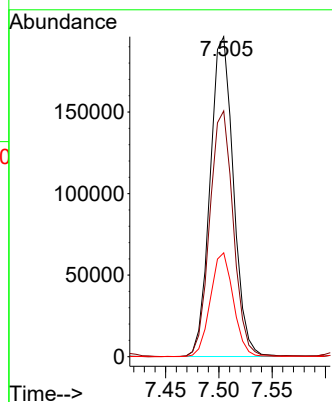
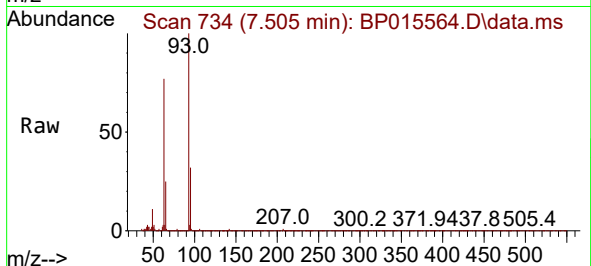




#10
Bis(2-Chloroethyl)ether
Concen: 38.813 ng/ul
RT: 7.505 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

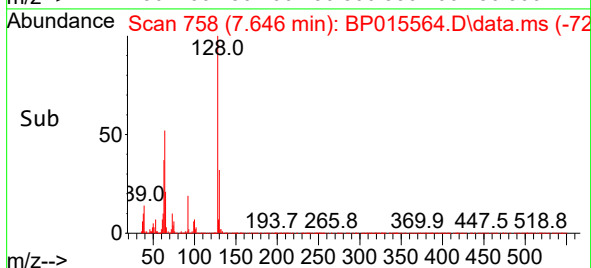
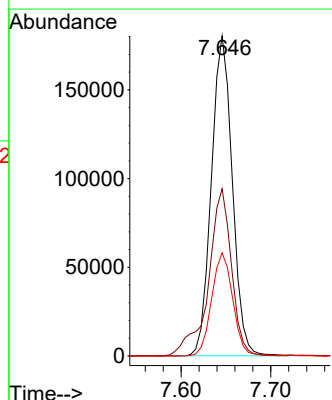
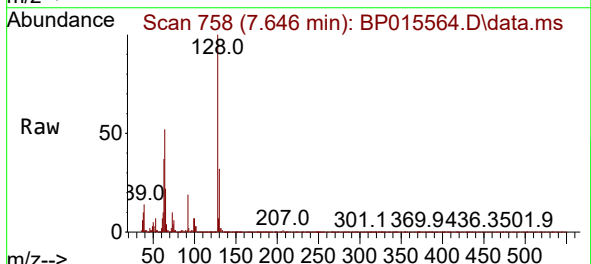
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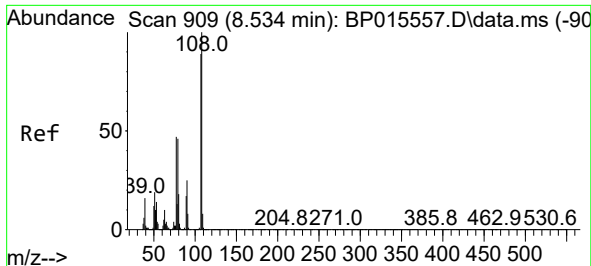
Tgt Ion: 93 Resp: 298541
Ion Ratio Lower Upper
93 100
63 76.8 62.6 93.8
95 32.5 25.5 38.3



#12
2-Chlorophenol
Concen: 40.446 ng/ul
RT: 7.646 min Scan# 758
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:128 Resp: 292164
Ion Ratio Lower Upper
128 100
64 52.3 40.2 60.4
130 32.2 24.5 36.7





#13

2-Methylphenol

Concen: 40.418 ng/ul

RT: 8.534 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

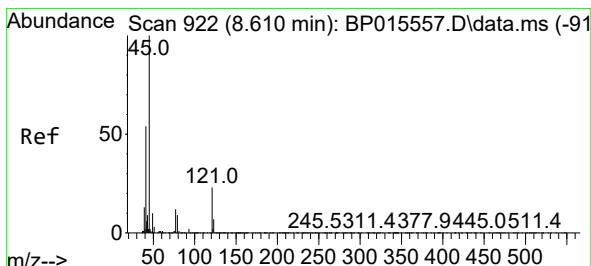
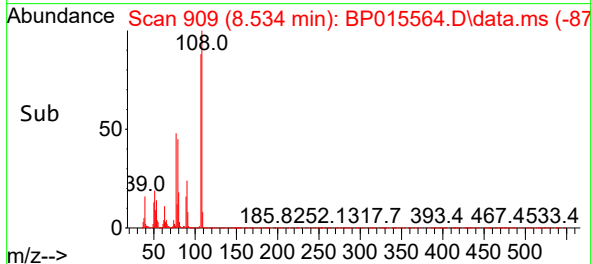
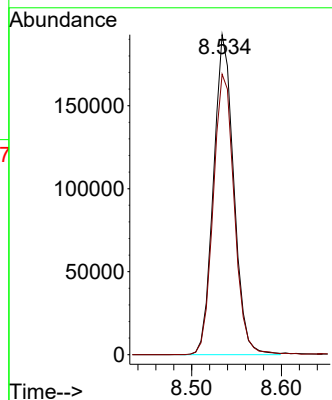
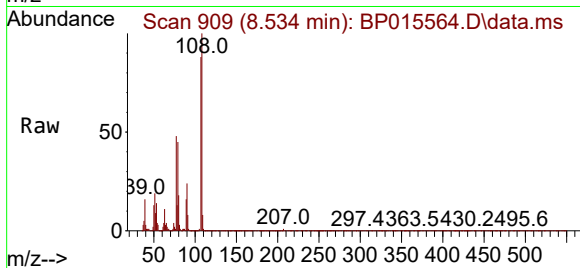
SLCS379

Tgt Ion:108 Resp: 302535

Ion Ratio Lower Upper

108 100

107 87.6 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 39.183 ng/ul

RT: 8.610 min Scan# 922

Delta R.T. -0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

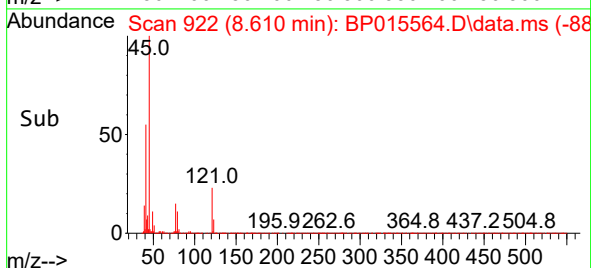
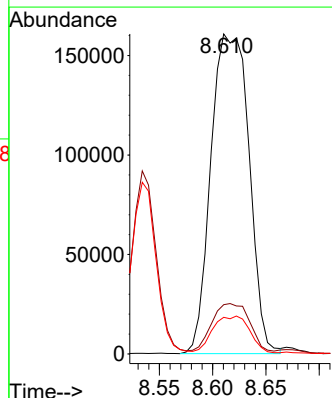
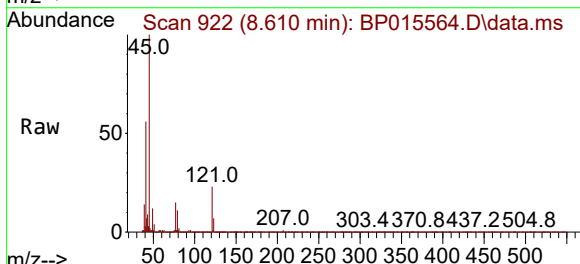
Tgt Ion: 45 Resp: 399393

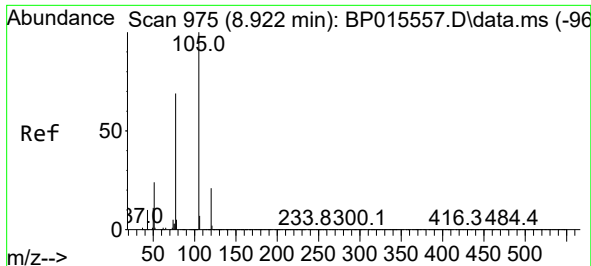
Ion Ratio Lower Upper

45 100

77 15.4 11.8 17.8

79 11.5 8.7 13.1

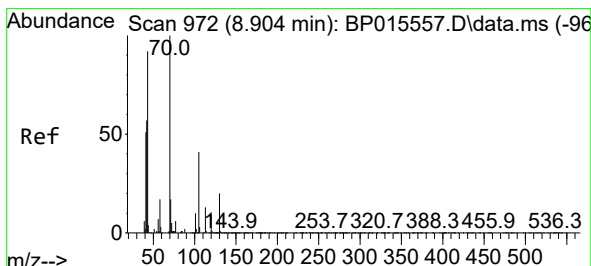
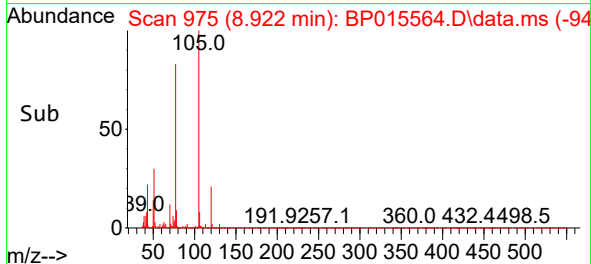
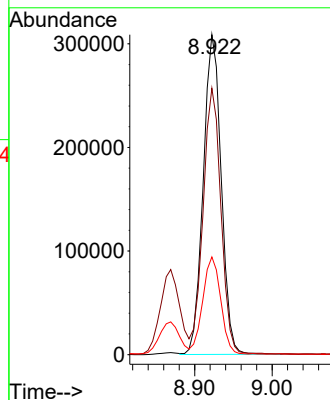
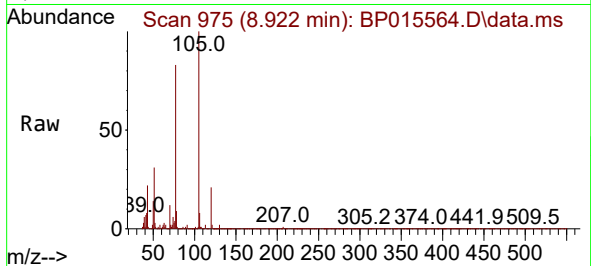




#16
Acetophenone
Concen: 40.203 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015564.D
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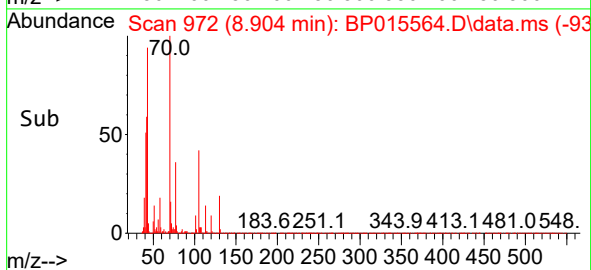
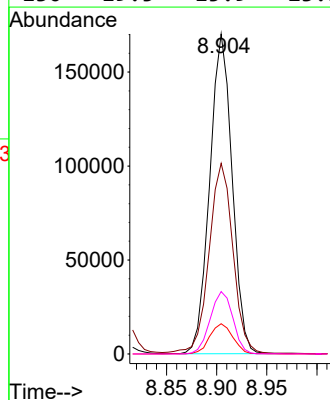
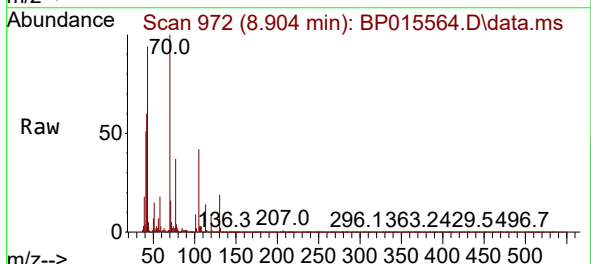
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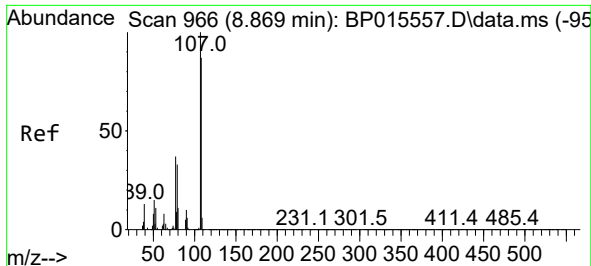
Tgt Ion:105 Resp: 496547
Ion Ratio Lower Upper
105 100
77 83.2 64.9 97.3
51 30.6 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 39.547 ng/ul
RT: 8.904 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion: 70 Resp: 263625
Ion Ratio Lower Upper
70 100
42 59.5 46.6 69.8
101 9.5 7.8 11.6
130 19.5 15.9 23.9

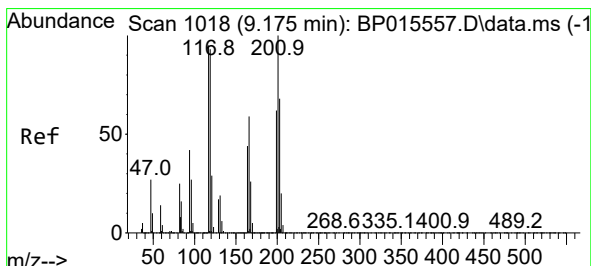
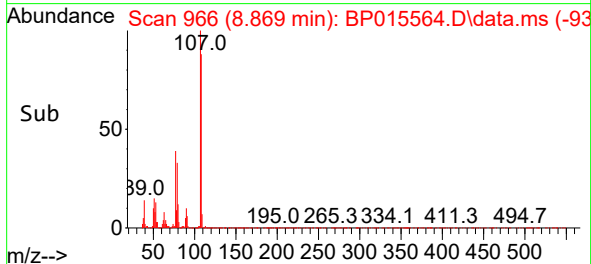
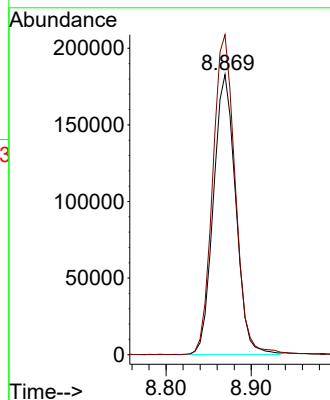
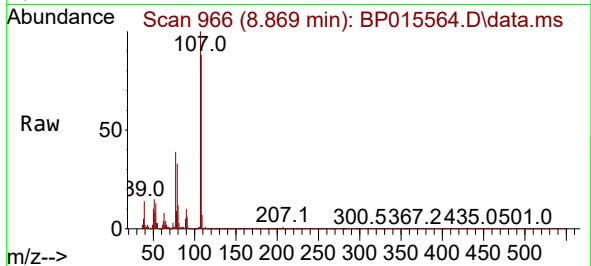




#18
4-Methylphenol
Concen: 40.399 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. 0.006 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

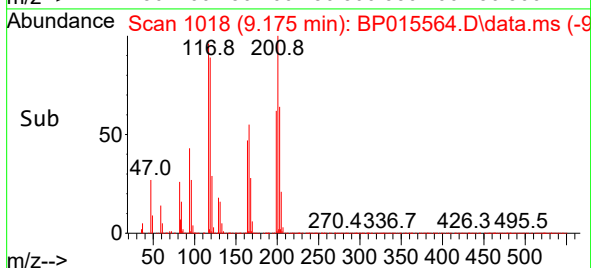
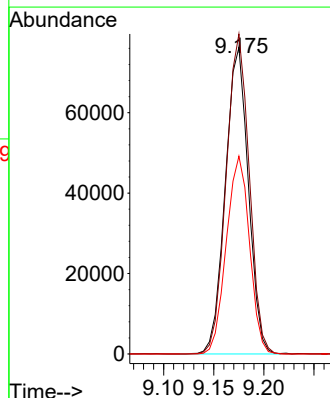
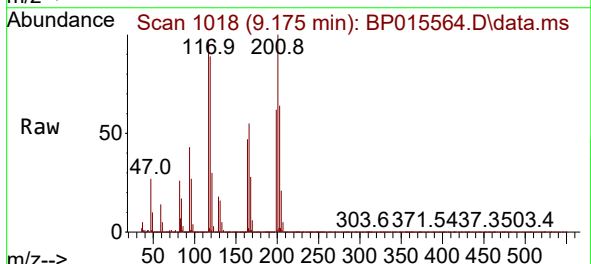
Instrument :
BNA_P
ClientSampleId :
SLCS379

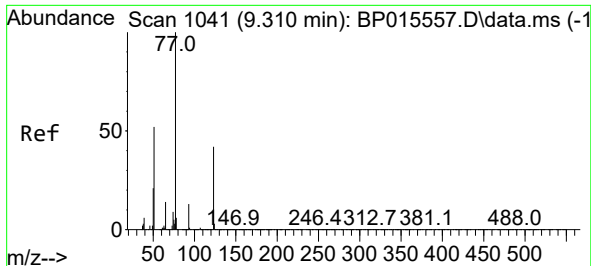
Tgt Ion:108 Resp: 332715
Ion Ratio Lower Upper
108 100
107 114.2 89.3 133.9



#19
Hexachloroethane
Concen: 39.891 ng/ul
RT: 9.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:117 Resp: 121768
Ion Ratio Lower Upper
117 100
201 104.4 82.8 124.2
199 64.5 50.6 76.0

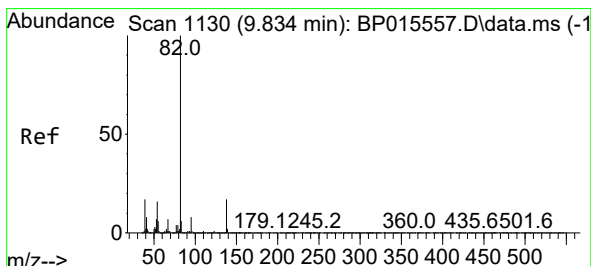
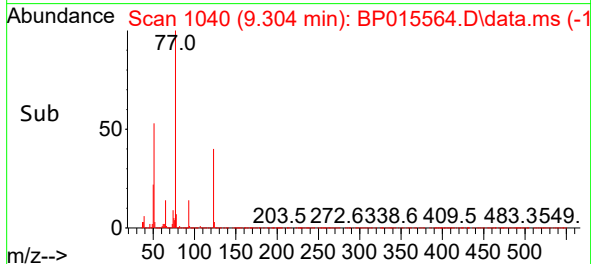
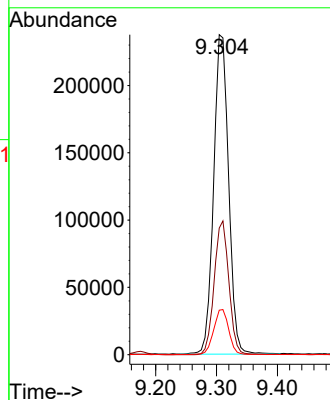
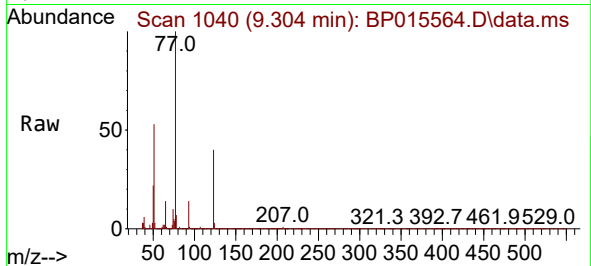




#22
Nitrobenzene
Concen: 41.686 ng/ul
RT: 9.304 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

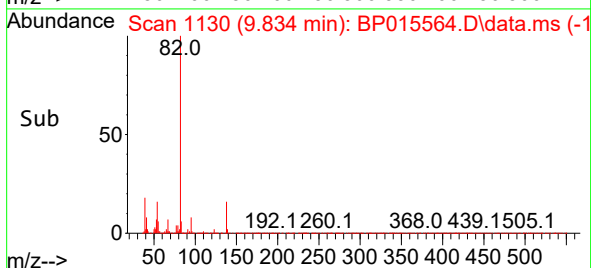
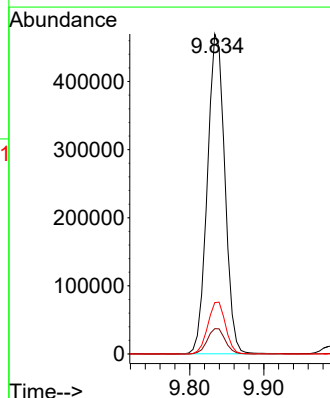
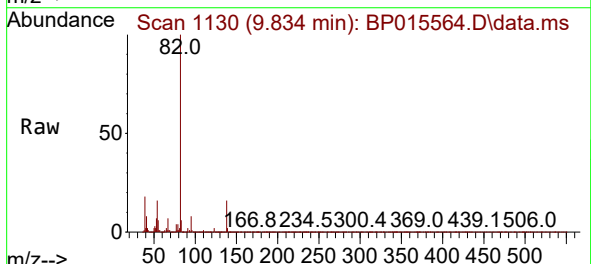
Instrument :
BNA_P
ClientSampleId :
SLCS379

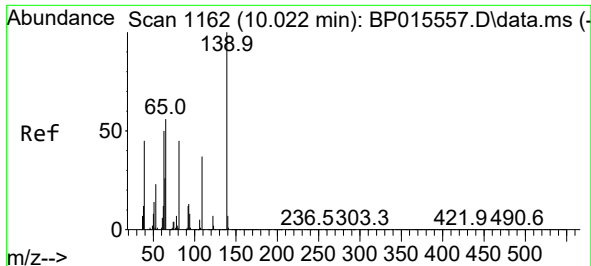
Tgt Ion: 77 Resp: 406082
Ion Ratio Lower Upper
77 100
123 39.5 33.5 50.3
65 13.9 11.6 17.4



#23
Isophorone
Concen: 39.431 ng/ul
RT: 9.834 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion: 82 Resp: 768931
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.1 13.1 19.7

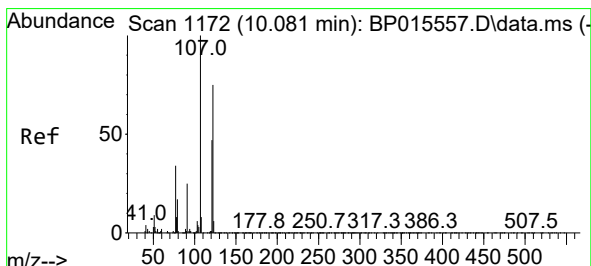
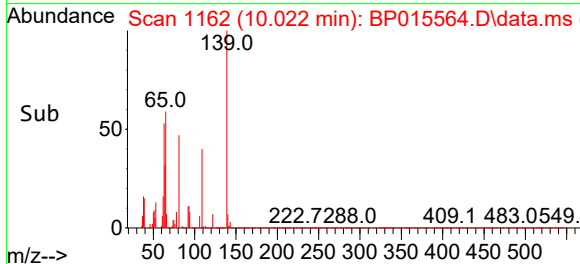
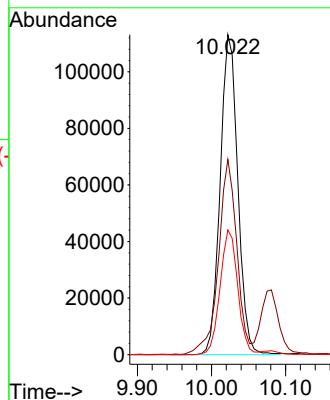
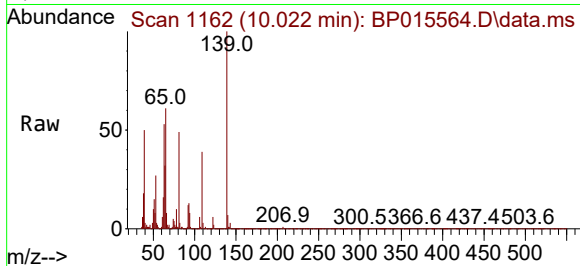




#25
2-Nitrophenol
Concen: 41.237 ng/ul
RT: 10.022 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

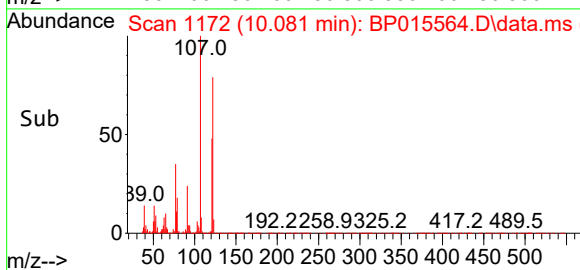
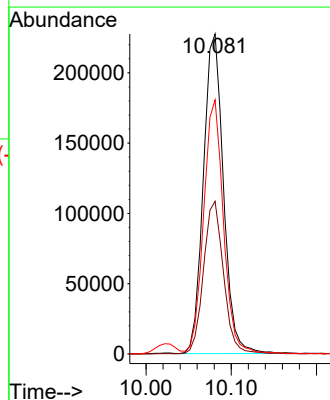
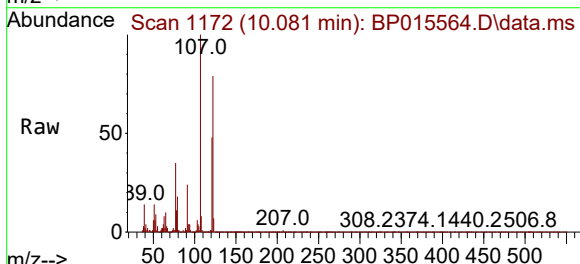
Instrument :
BNA_P
ClientSampleId :
SLCS379

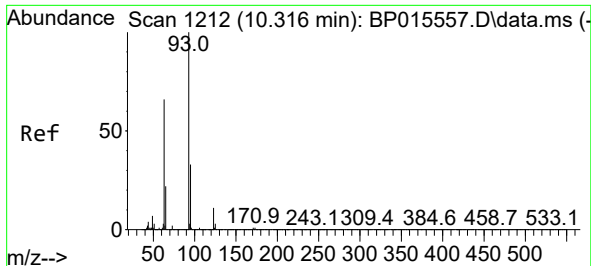
Tgt Ion:139 Resp: 186770
Ion Ratio Lower Upper
139 100
65 61.0 46.9 70.3
109 38.9 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 38.762 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:107 Resp: 372308
Ion Ratio Lower Upper
107 100
121 47.7 39.0 58.6
122 79.4 64.8 97.2





#27

Bis(2-Chloroethoxy)methane

Concen: 38.728 ng/ul

RT: 10.316 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

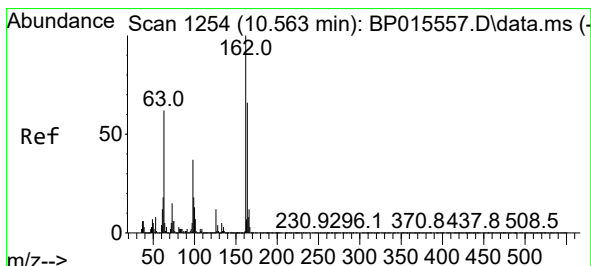
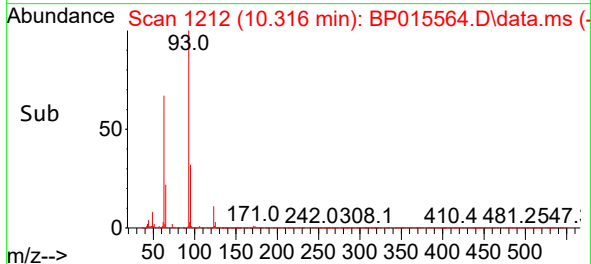
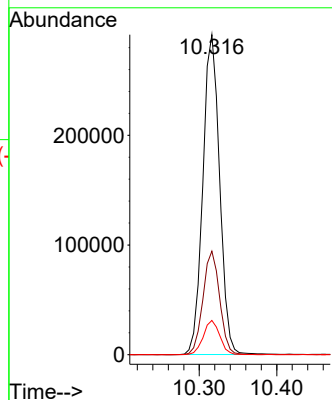
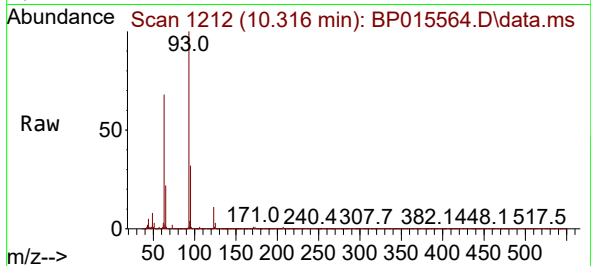
Tgt Ion: 93 Resp: 439074

Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

123 10.7 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 42.034 ng/ul

RT: 10.557 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

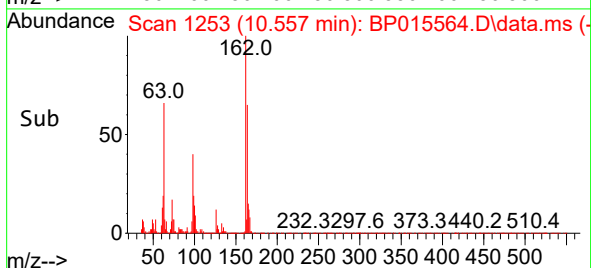
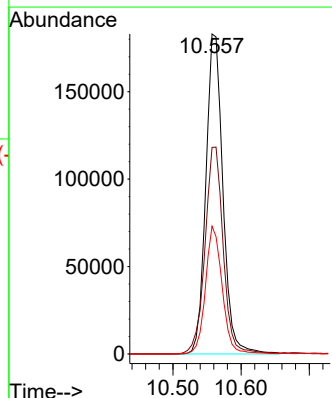
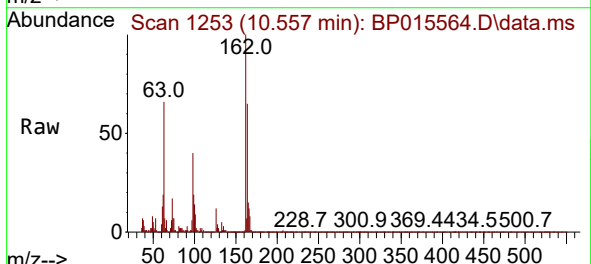
Tgt Ion:162 Resp: 319805

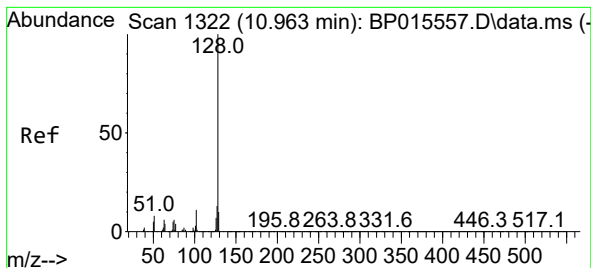
Ion Ratio Lower Upper

162 100

164 64.6 50.6 76.0

98 39.9 30.2 45.2





#30

Naphthalene

Concen: 39.276 ng/ul

RT: 10.963 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

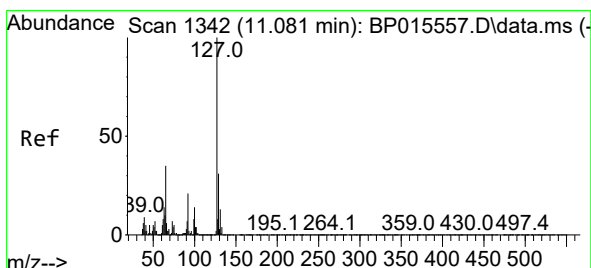
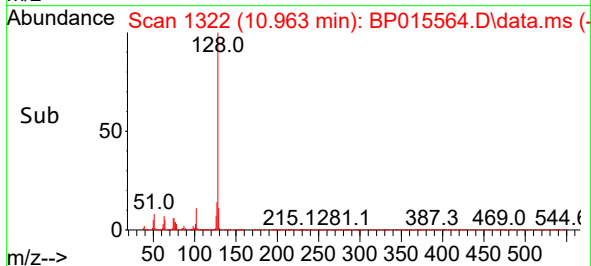
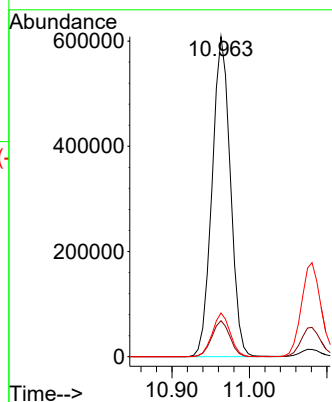
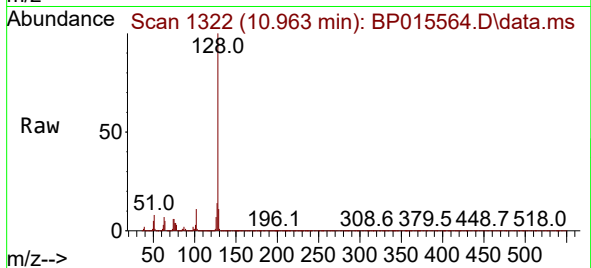
Tgt Ion:128 Resp: 995798

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.7 10.5 15.7



#32

4-Chloroaniline

Concen: 28.152 ng/ul

RT: 11.081 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BP015564.D

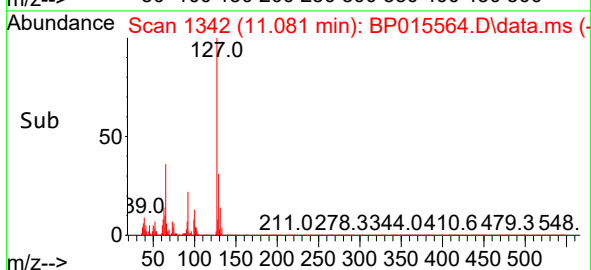
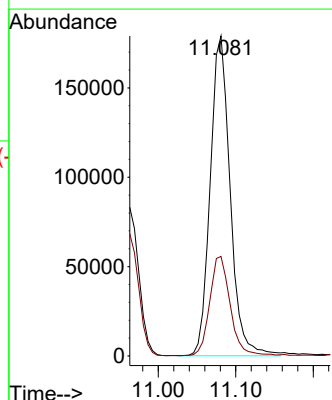
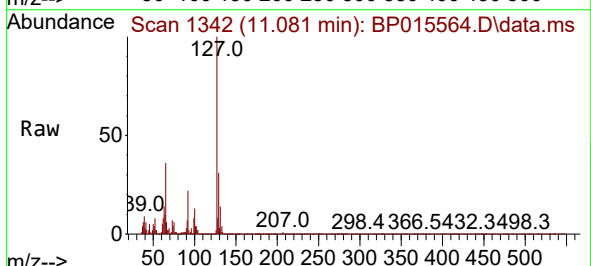
Acq: 15 Jun 2023 19:50

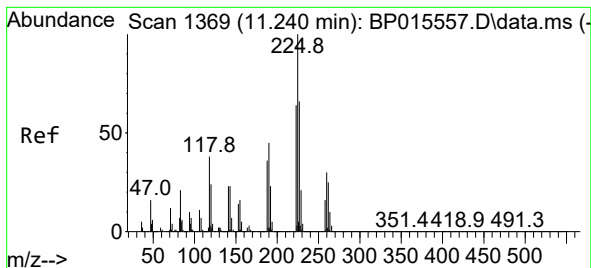
Tgt Ion:127 Resp: 319951

Ion Ratio Lower Upper

127 100

129 31.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 40.918 ng/ul

RT: 11.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

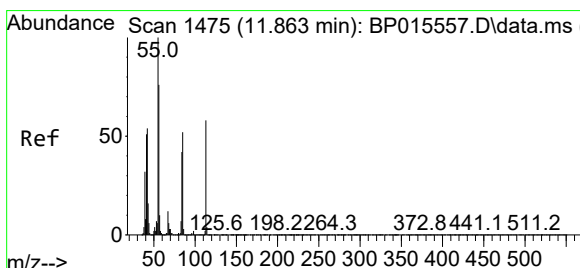
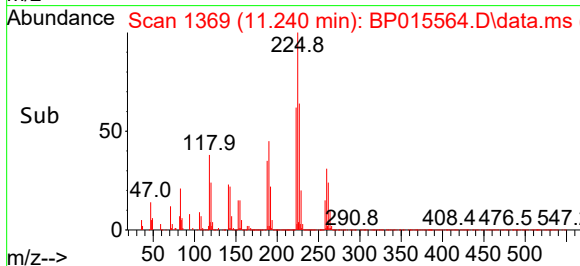
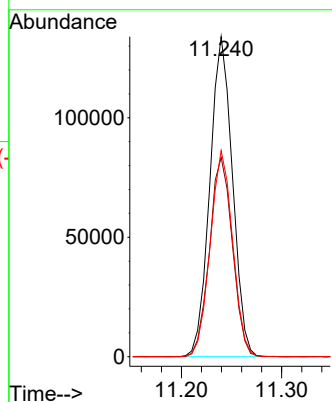
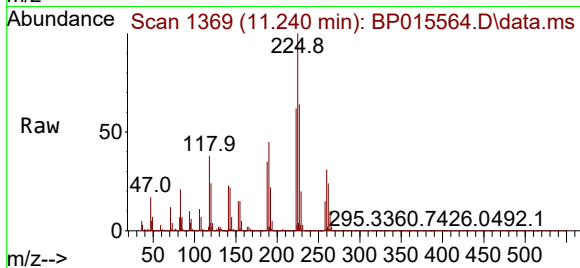
Tgt Ion:225 Resp: 209954

Ion Ratio Lower Upper

225 100

223 62.2 52.0 78.0

227 64.4 50.6 75.8



#34

Caprolactam

Concen: 41.314 ng/ul

RT: 11.869 min Scan# 1476

Delta R.T. 0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

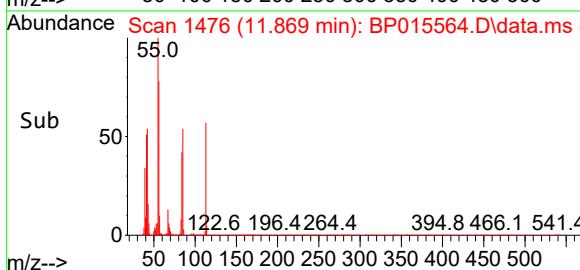
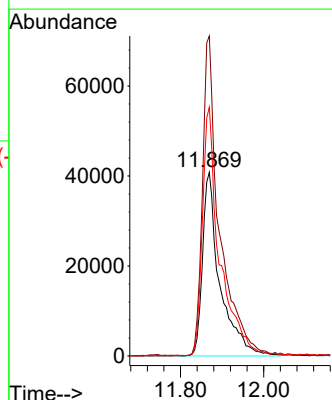
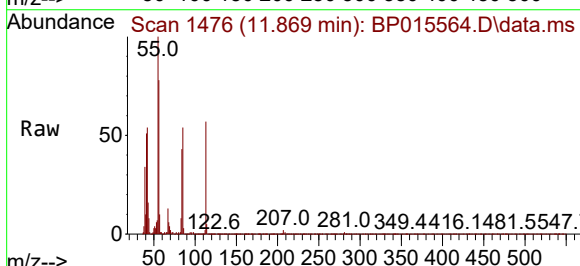
Tgt Ion:113 Resp: 118327

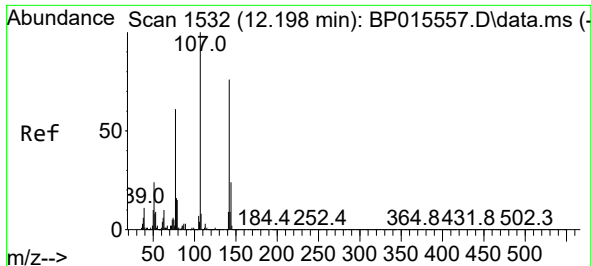
Ion Ratio Lower Upper

113 100

55 174.3 127.9 191.9

56 135.5 101.1 151.7

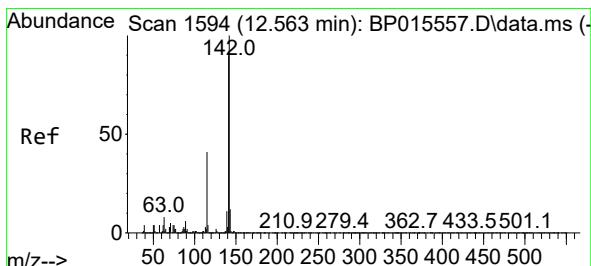
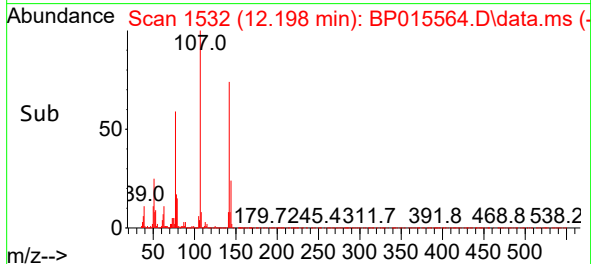
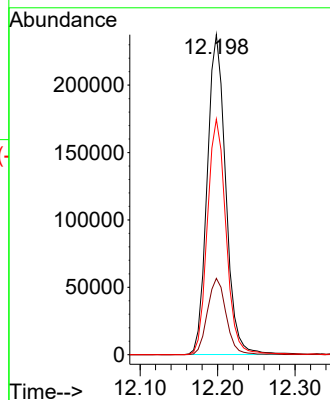
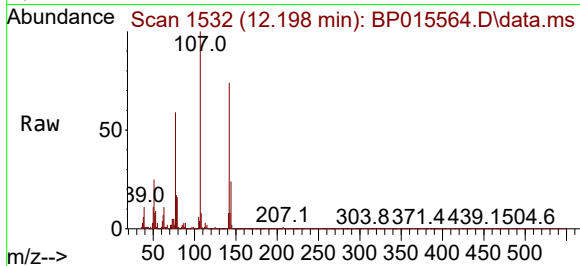




#35
4-Chloro-3-methylphenol
Concen: 42.865 ng/ul
RT: 12.198 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

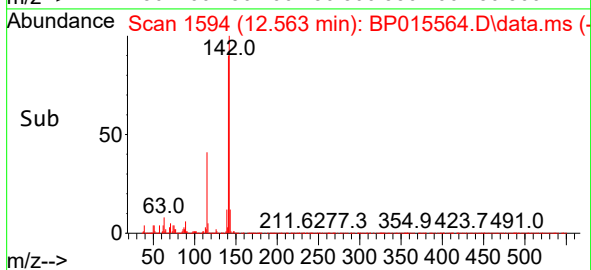
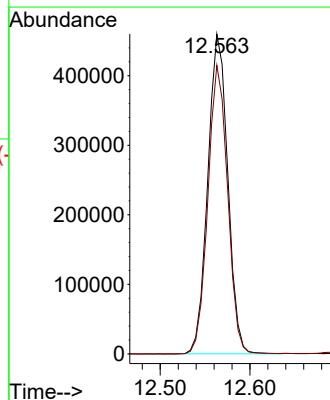
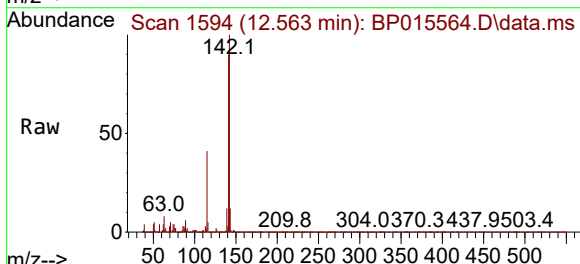
Instrument :
BNA_P
ClientSampleId :
SLCS379

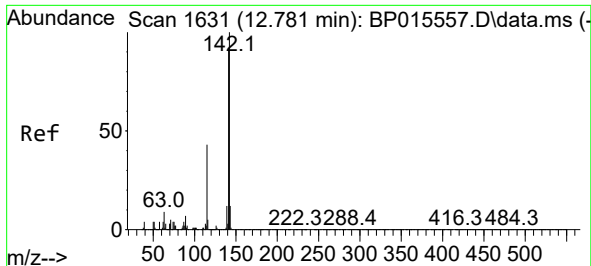
Tgt Ion:107 Resp: 395143
Ion Ratio Lower Upper
107 100
144 23.8 19.4 29.0
142 73.6 60.4 90.6



#36
2-Methylnaphthalene
Concen: 39.853 ng/ul
RT: 12.563 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:142 Resp: 710330
Ion Ratio Lower Upper
142 100
141 90.2 72.0 108.0

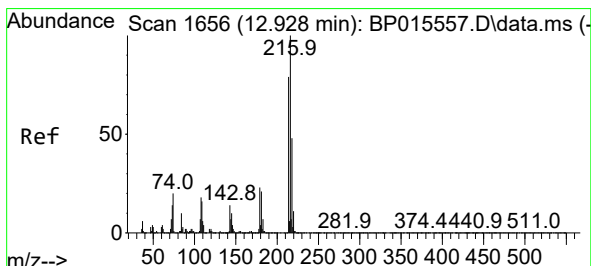
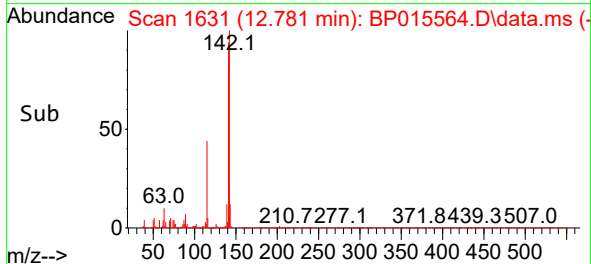
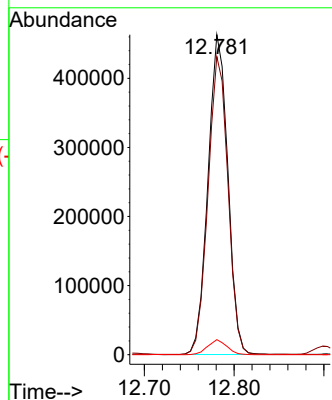
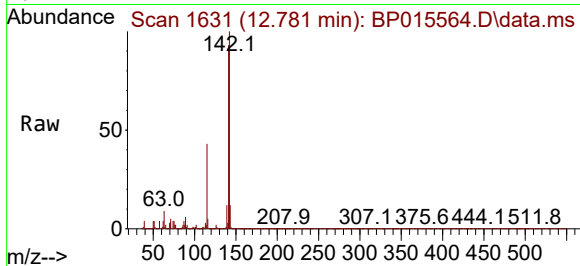




#37
1-Methylnaphthalene
Concen: 39.619 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

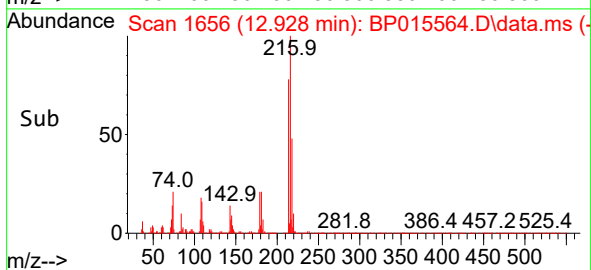
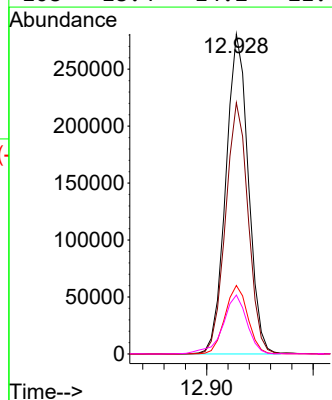
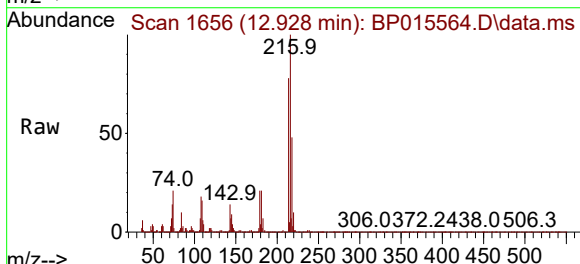
Instrument :
BNA_P
ClientSampleId :
SLCS379

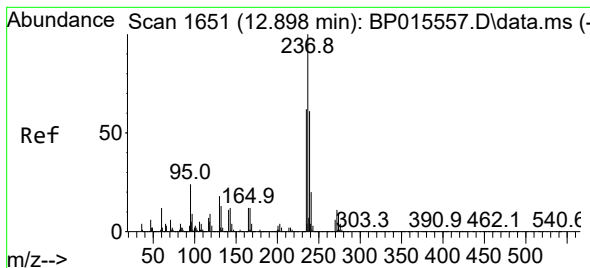
Tgt Ion:142 Resp: 710997
Ion Ratio Lower Upper
142 100
141 93.1 71.9 107.9
116 4.7 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.022 ng/ul
RT: 12.928 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:216 Resp: 411955
Ion Ratio Lower Upper
216 100
214 78.5 62.2 93.2
179 21.4 17.4 26.2
108 18.4 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 37.602 ng/ul

RT: 12.898 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

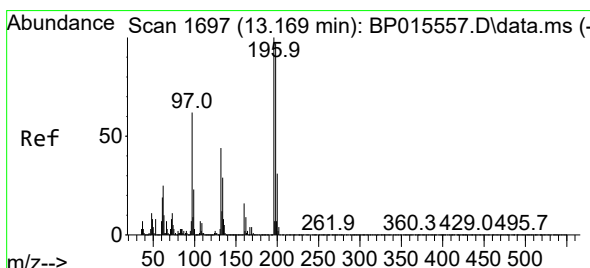
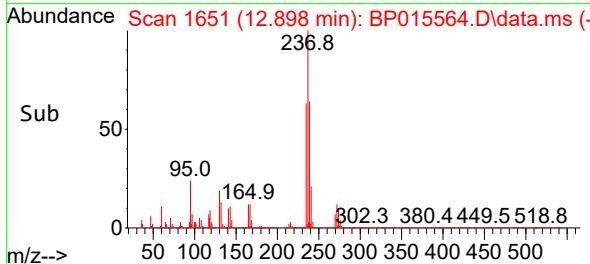
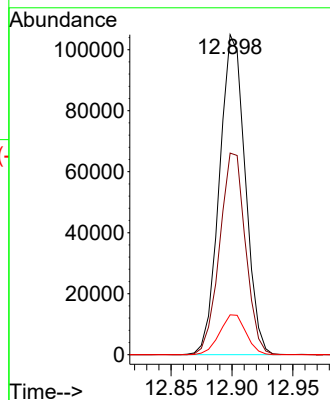
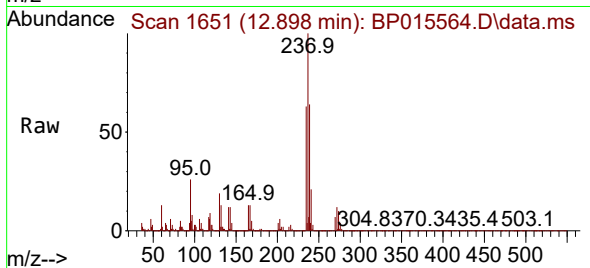
Tgt Ion:237 Resp: 154785

Ion Ratio Lower Upper

237 100

235 63.0 48.2 72.2

272 12.5 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 39.739 ng/ul

RT: 13.169 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

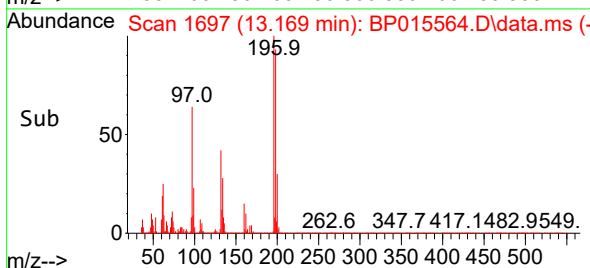
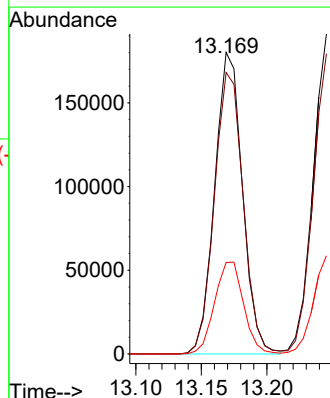
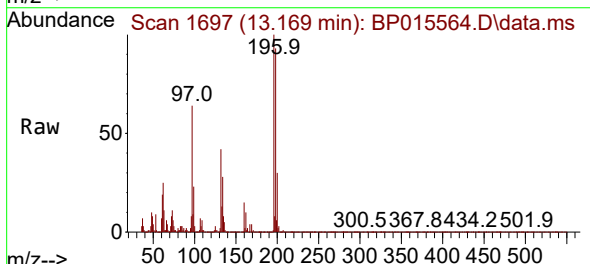
Tgt Ion:196 Resp: 265606

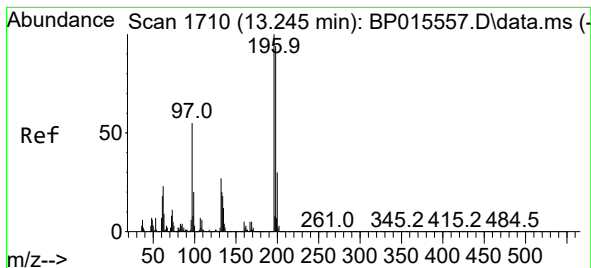
Ion Ratio Lower Upper

196 100

198 93.3 77.8 116.6

200 30.4 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 40.762 ng/ul

RT: 13.245 min Scan# 1710

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

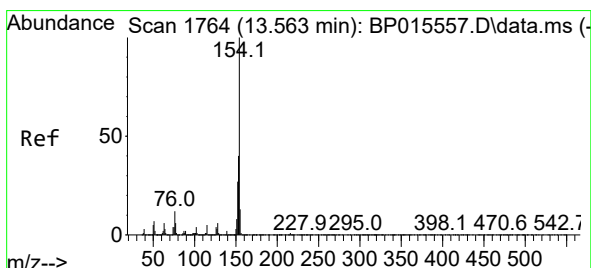
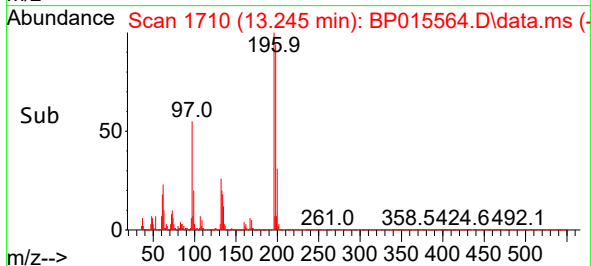
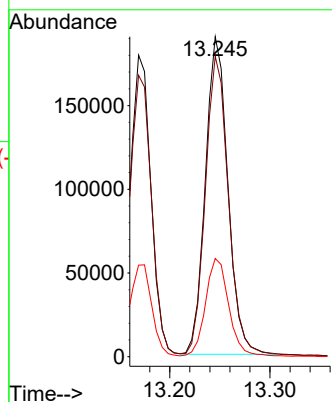
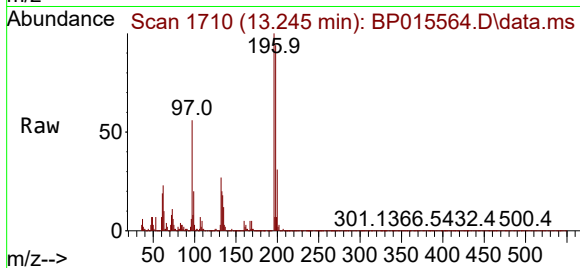
Tgt Ion:196 Resp: 296887

Ion Ratio Lower Upper

196 100

198 93.9 75.5 113.3

200 30.7 24.7 37.1



#43

1,1'-Biphenyl

Concen: 40.078 ng/ul

RT: 13.563 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

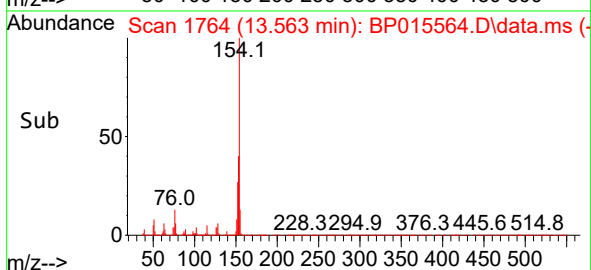
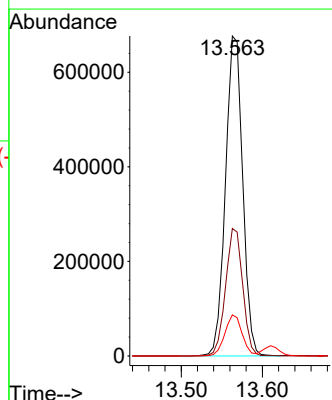
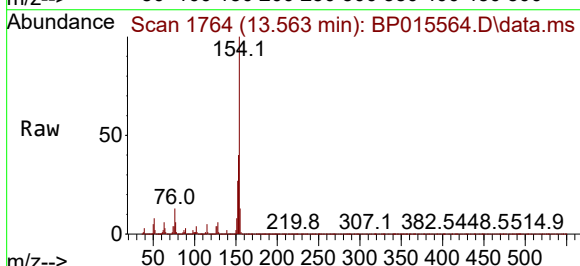
Tgt Ion:154 Resp: 999533

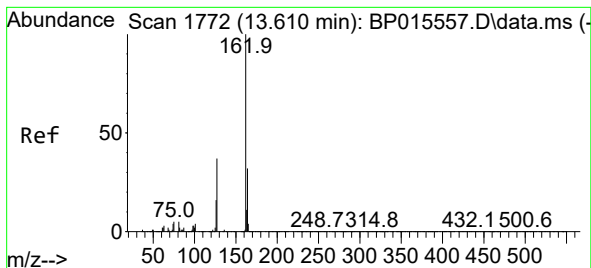
Ion Ratio Lower Upper

154 100

153 39.8 32.2 48.2

76 12.9 10.4 15.6

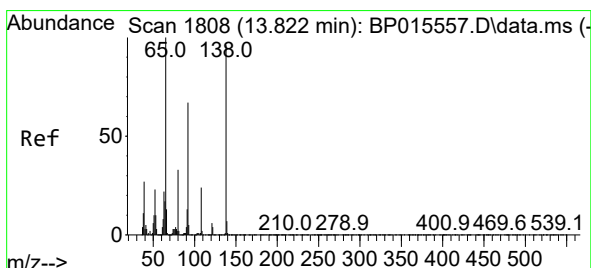
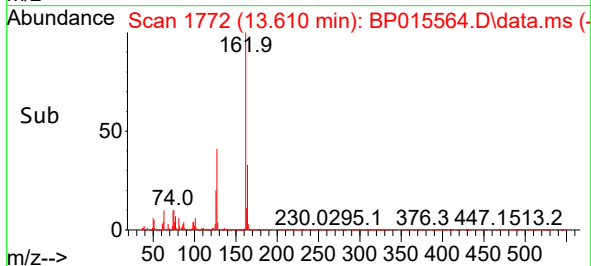
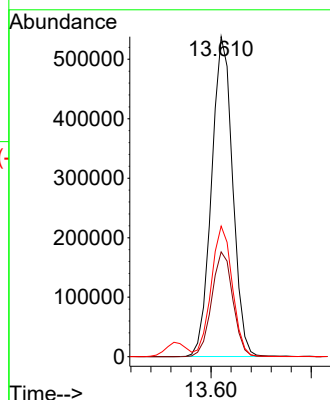
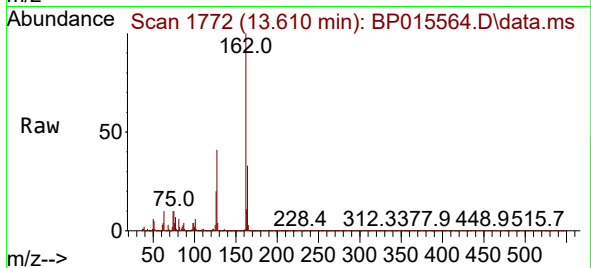




#44
2-Chloronaphthalene
Concen: 40.069 ng/ul
RT: 13.610 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

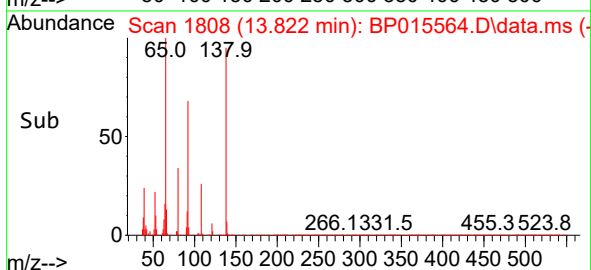
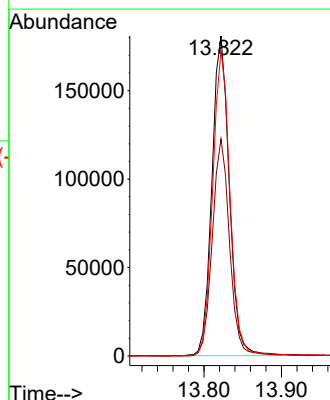
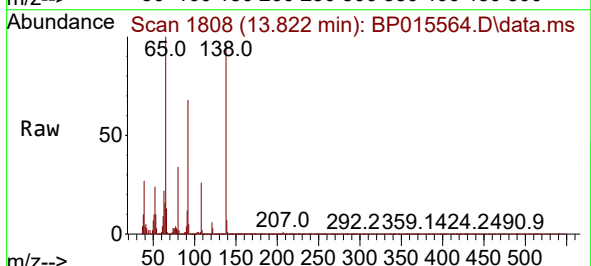
Instrument :
BNA_P
ClientSampleId :
SLCS379

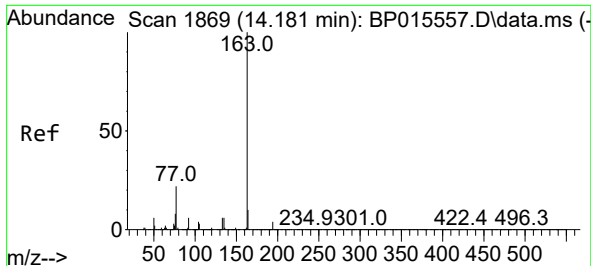
Tgt Ion:162 Resp: 784049
Ion Ratio Lower Upper
162 100
164 32.8 27.0 40.6
127 40.8 32.2 48.4



#45
2-Nitroaniline
Concen: 44.955 ng/ul
RT: 13.822 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion: 65 Resp: 281526
Ion Ratio Lower Upper
65 100
92 67.8 55.4 83.2
138 95.5 78.8 118.2

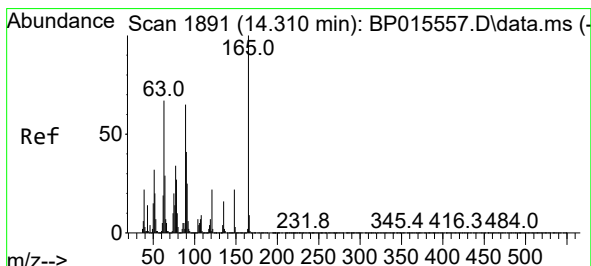
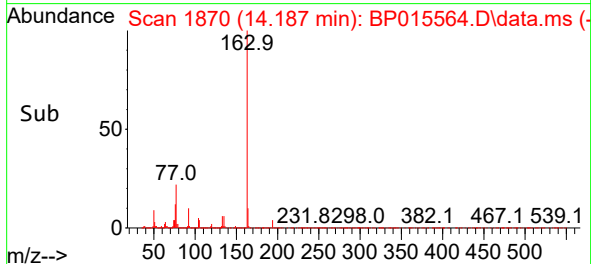
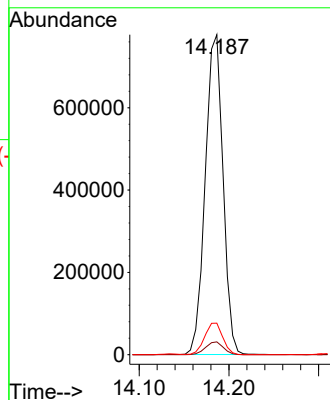
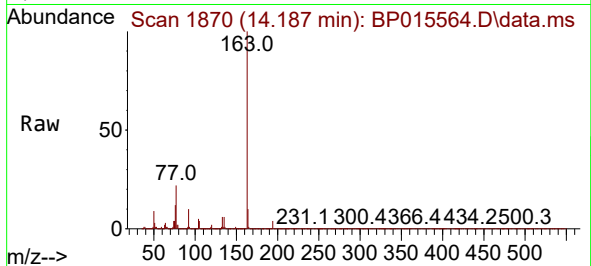




#47
Dimethylphthalate
Concen: 40.711 ng/ul
RT: 14.187 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

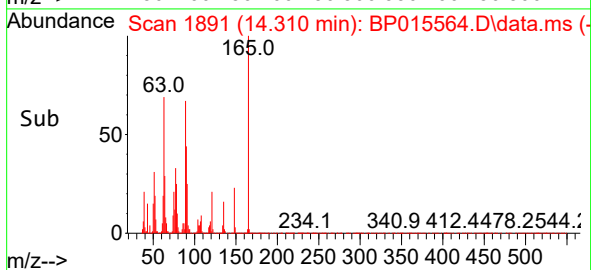
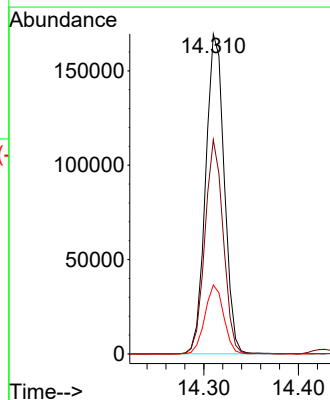
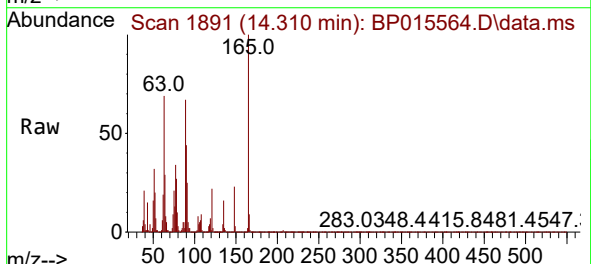
Instrument :
BNA_P
ClientSampleId :
SLCS379

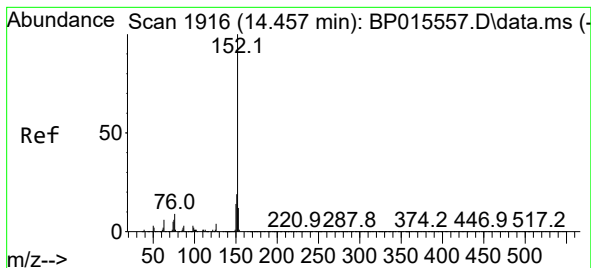
Tgt Ion:163 Resp: 1068946
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 42.929 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:165 Resp: 230938
Ion Ratio Lower Upper
165 100
89 67.0 51.5 77.3
121 21.5 17.3 25.9





#50

Acenaphthylene

Concen: 39.857 ng/ul

RT: 14.457 min Scan# 1916

Delta R.T. 0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

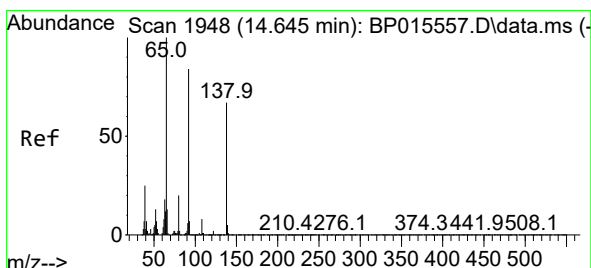
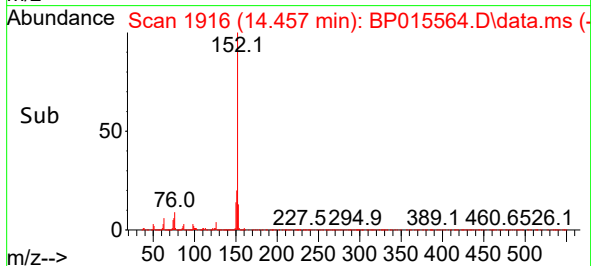
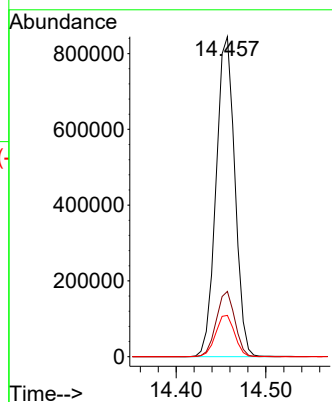
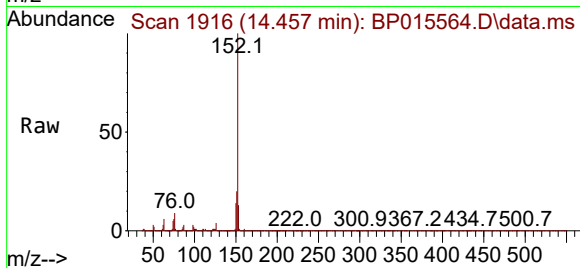
Tgt Ion:152 Resp: 1227369

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 12.9 10.6 15.8



#51

3-Nitroaniline

Concen: 50.213 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

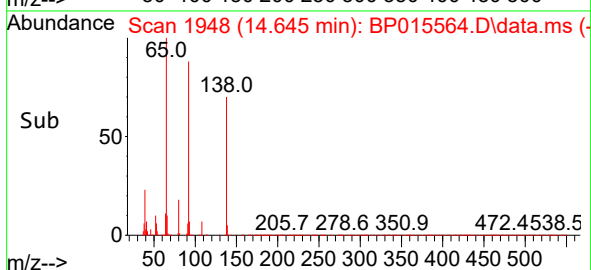
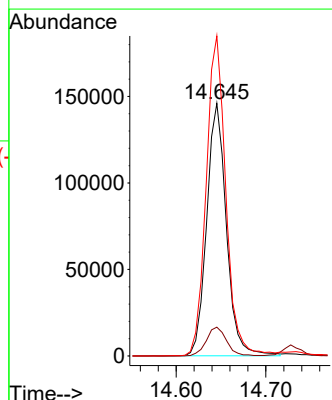
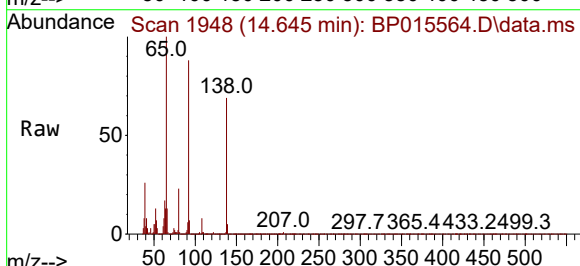
Tgt Ion:138 Resp: 222989

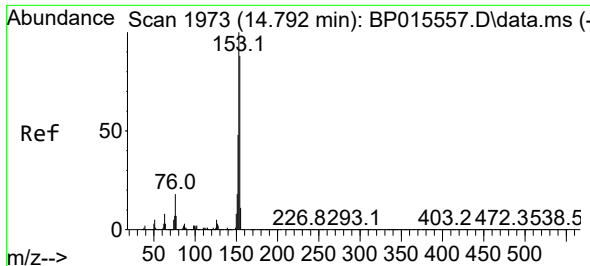
Ion Ratio Lower Upper

138 100

108 11.4 8.4 12.6

92 126.7 98.0 147.0

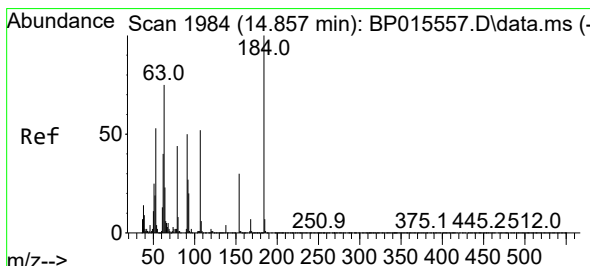
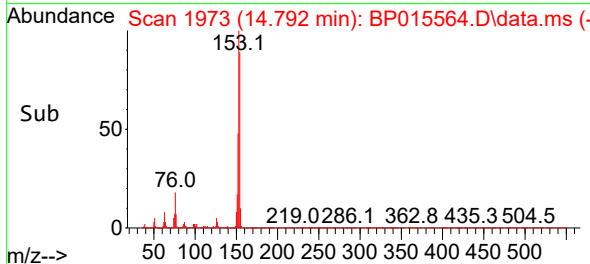
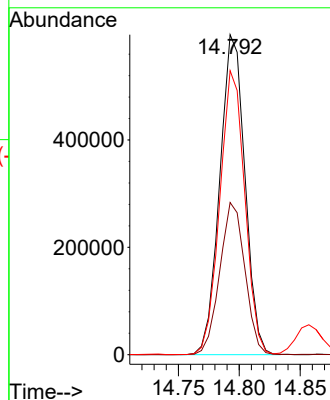
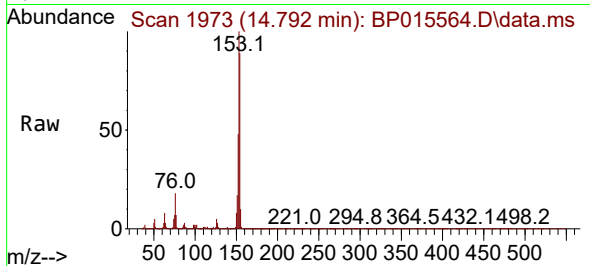




#52
Acenaphthene
Concen: 40.264 ng/ul
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

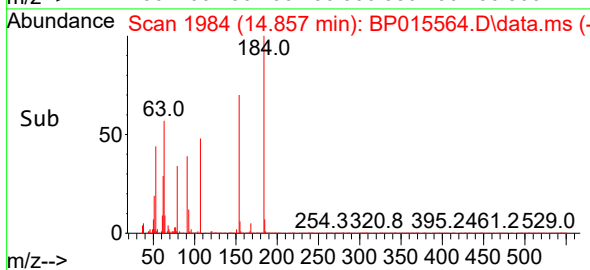
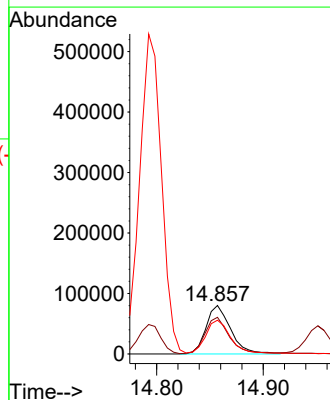
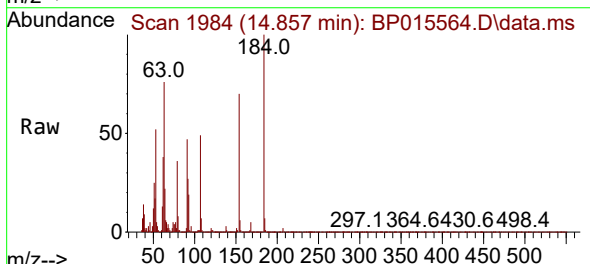
Instrument :
BNA_P
ClientSampleId :
SLCS379

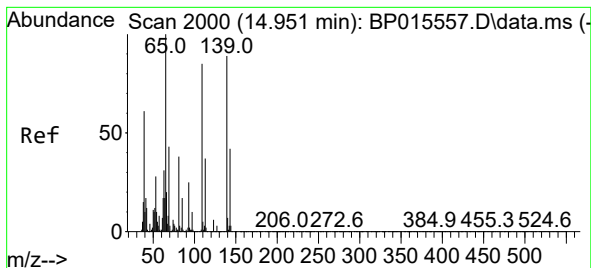
Tgt Ion:153 Resp: 857083
Ion Ratio Lower Upper
153 100
152 47.6 38.3 57.5
154 88.8 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 39.701 ng/ul
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:184 Resp: 128474
Ion Ratio Lower Upper
184 100
63 75.8 59.0 88.4
154 69.6 57.6 86.4

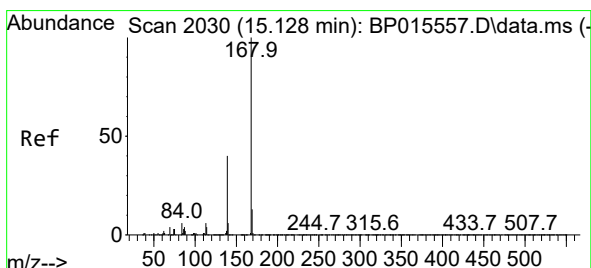
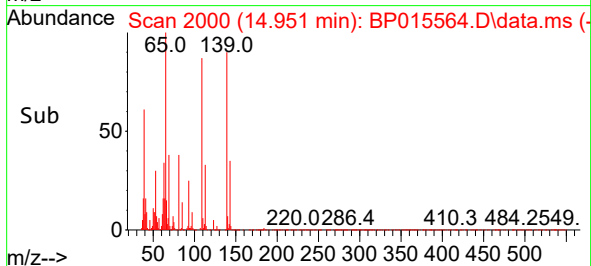
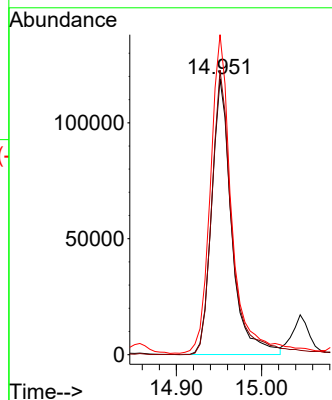
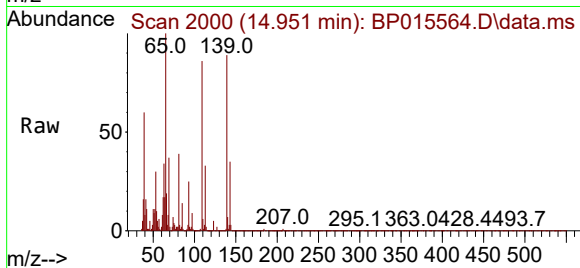




#55
4-Nitrophenol
Concen: 44.142 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

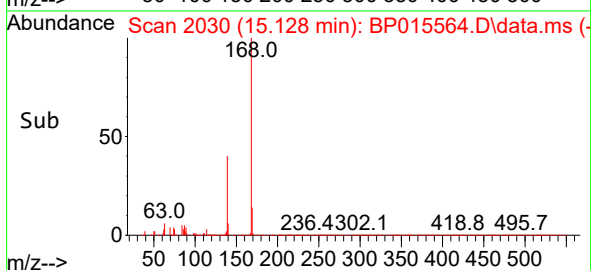
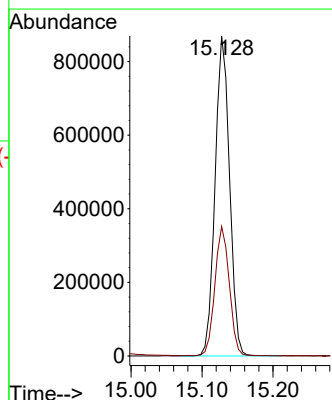
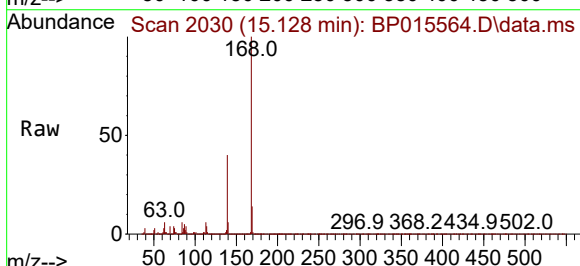
Instrument :
BNA_P
ClientSampleId :
SLCS379

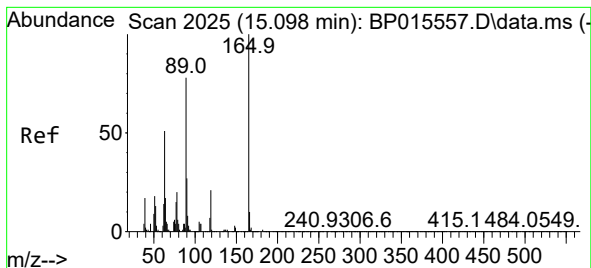
Tgt Ion:109 Resp: 193904
Ion Ratio Lower Upper
109 100
139 103.2 89.1 133.7
65 116.1 103.1 154.7



#56
Dibenzofuran
Concen: 40.653 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:168 Resp: 1226504
Ion Ratio Lower Upper
168 100
139 40.5 31.2 46.8

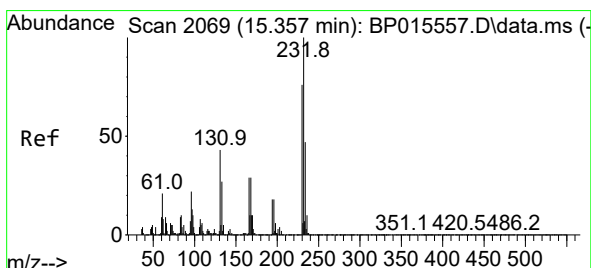
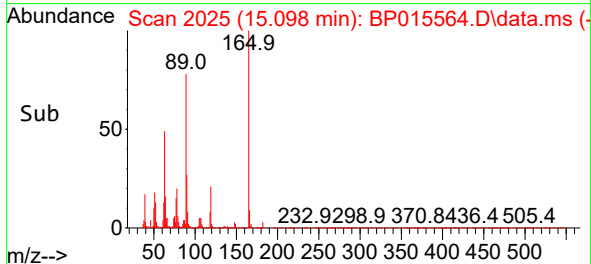
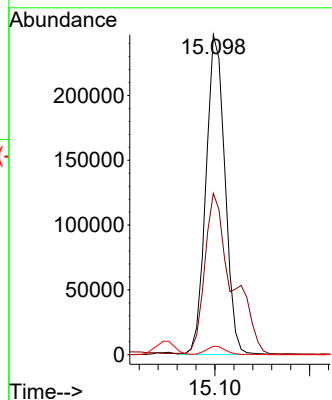
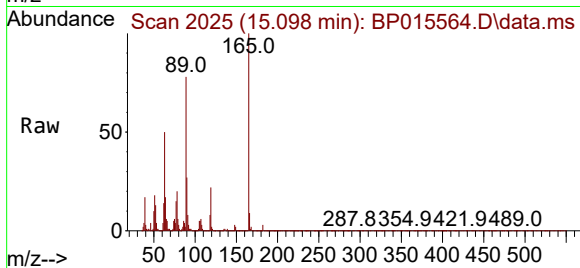




#57
2,4-Dinitrotoluene
Concen: 43.458 ng/ul
RT: 15.098 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

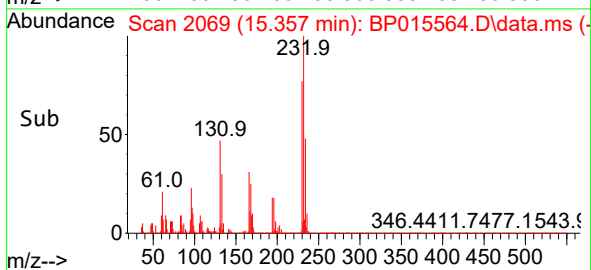
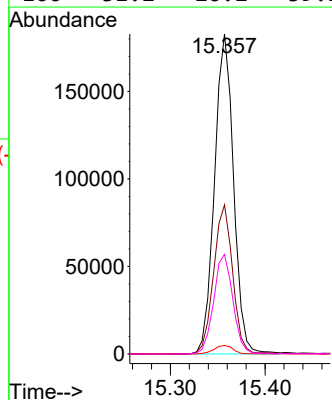
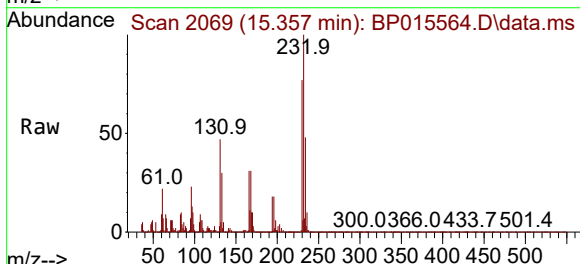
Instrument :
BNA_P
ClientSampleId :
SLCS379

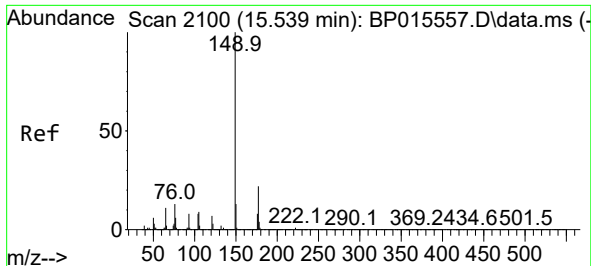
Tgt Ion:165 Resp: 343843
Ion Ratio Lower Upper
165 100
63 50.4 39.1 58.7
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 38.827 ng/ul
RT: 15.357 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:232 Resp: 255336
Ion Ratio Lower Upper
232 100
131 46.6 37.8 56.8
130 2.6 1.9 2.9
166 31.2 26.2 39.2

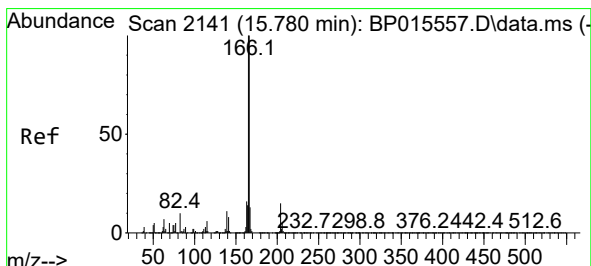
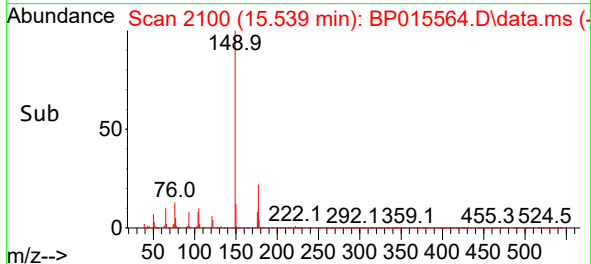
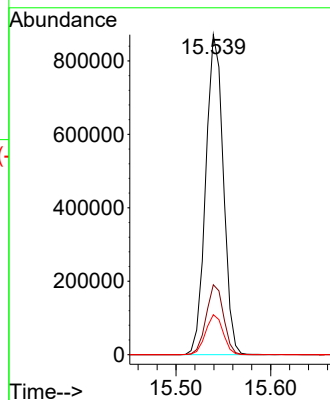
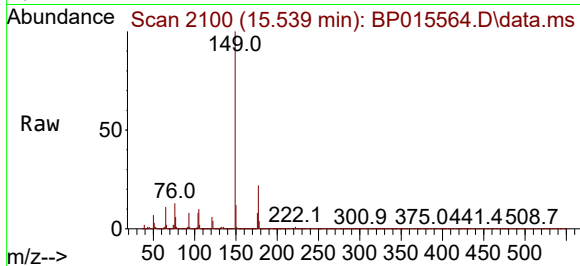




#59
Diethylphthalate
Concen: 41.733 ng/ul
RT: 15.539 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

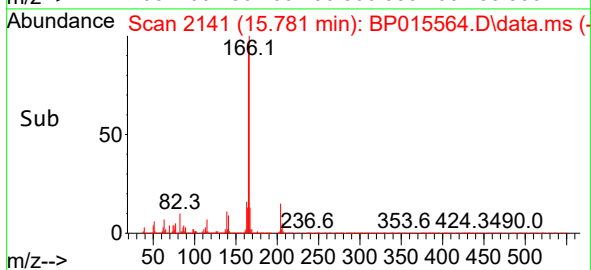
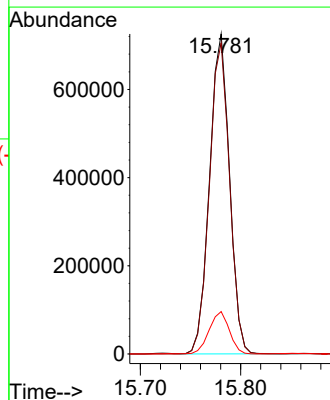
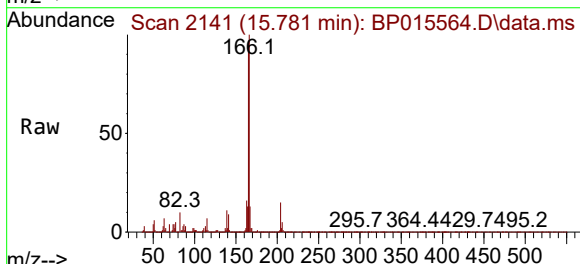
Instrument :
BNA_P
ClientSampleId :
SLCS379

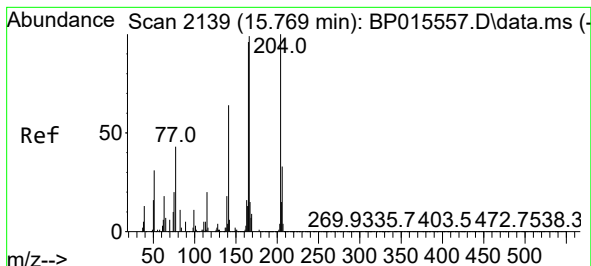
Tgt Ion:149 Resp: 1123063
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.5 10.1 15.1



#61
Fluorene
Concen: 40.942 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:166 Resp: 1006924
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.2 10.6 16.0

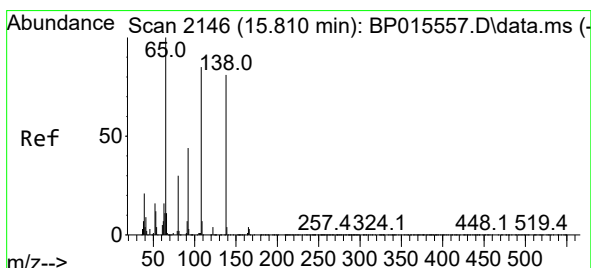
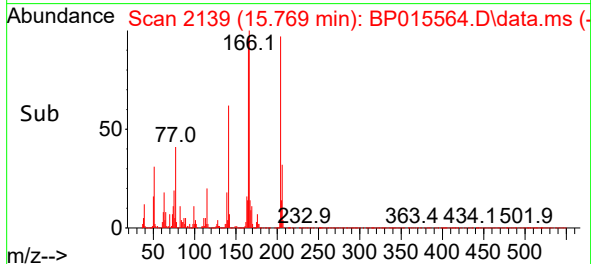
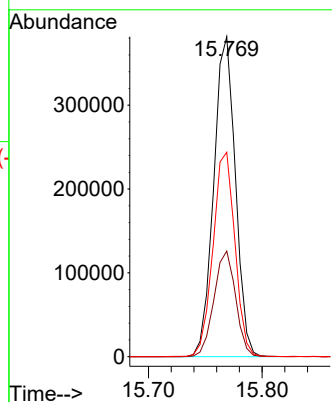
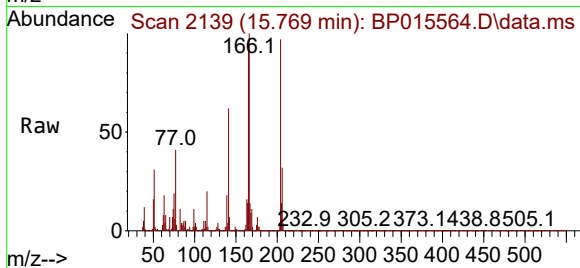




#62
4-Chlorophenyl-phenylether
Concen: 40.849 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

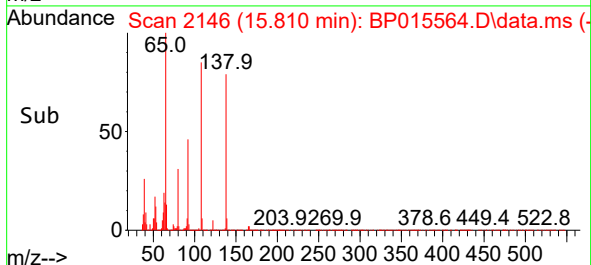
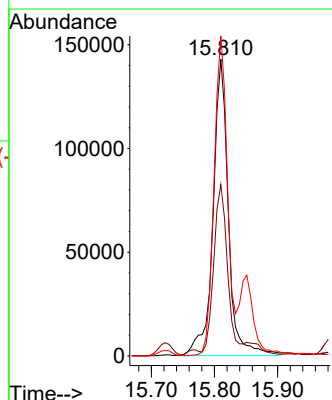
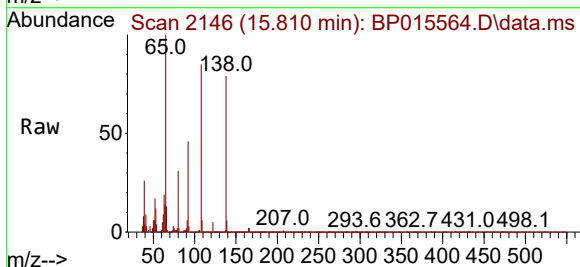
Instrument :
BNA_P
ClientSampleId :
SLCS379

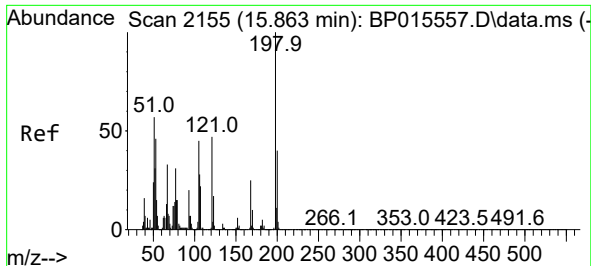
Tgt Ion:204 Resp: 506329
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 63.9 49.8 74.8



#63
4-Nitroaniline
Concen: 57.247 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:138 Resp: 241141
Ion Ratio Lower Upper
138 100
92 57.8 44.6 67.0
108 107.8 78.4 117.6

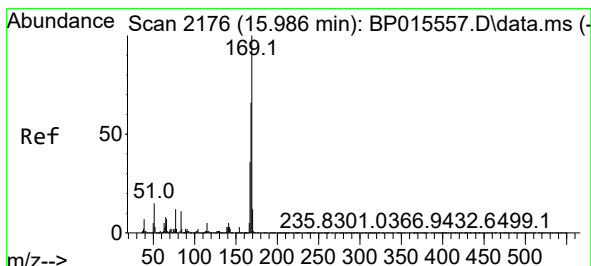
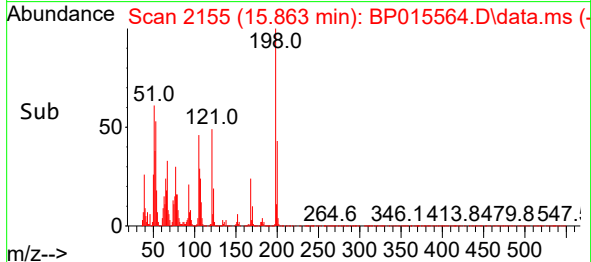
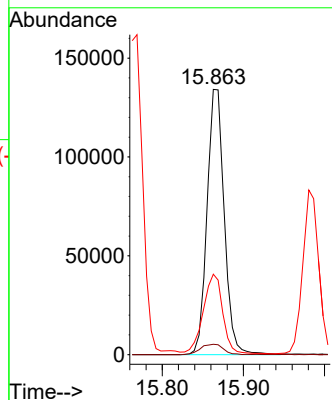
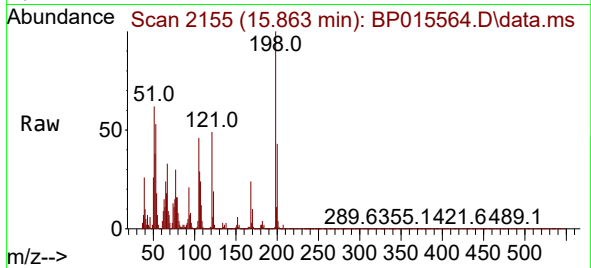




#66
4,6-Dinitro-2-methylphenol
Concen: 39.112 ng/ul
RT: 15.863 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

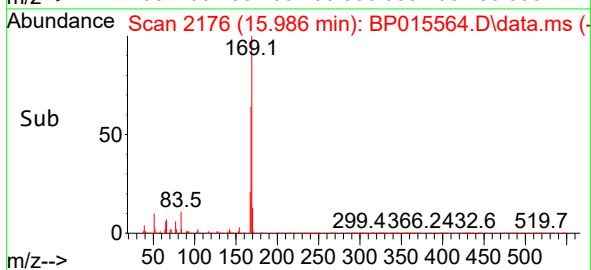
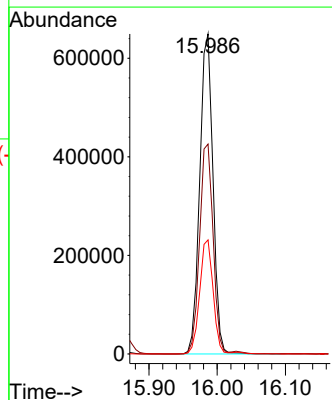
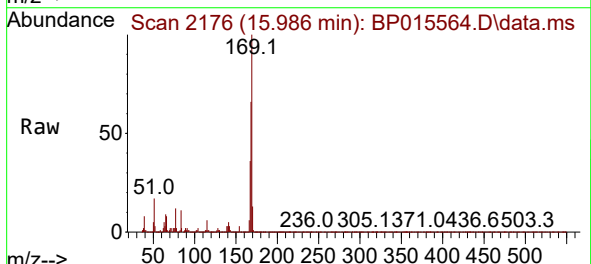
Instrument :
BNA_P
ClientSampleId :
SLCS379

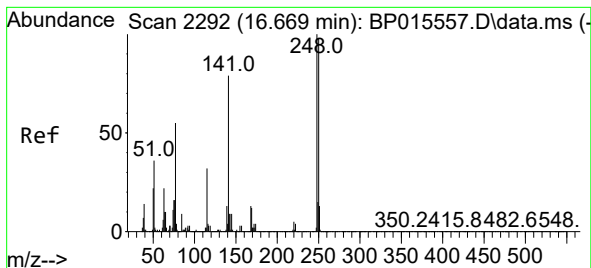
Tgt Ion:198 Resp: 197934
Ion Ratio Lower Upper
198 100
182 3.9 3.0 4.4
77 30.4 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 39.404 ng/ul
RT: 15.986 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:169 Resp: 875578
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.4
167 35.7 28.9 43.3

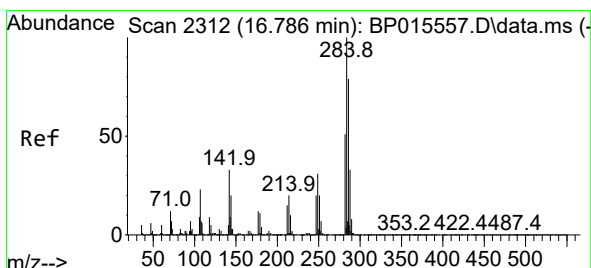
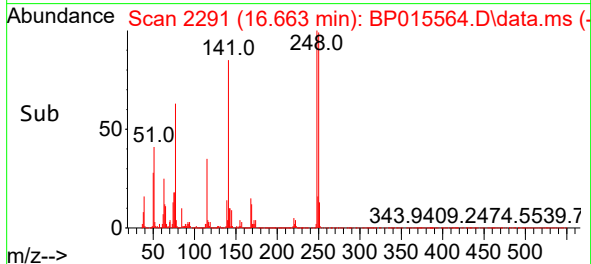
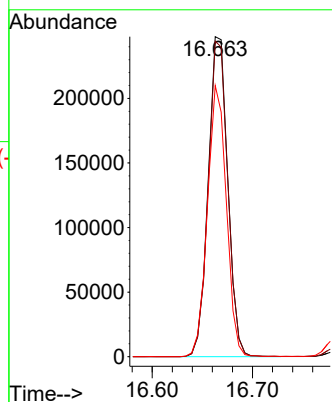
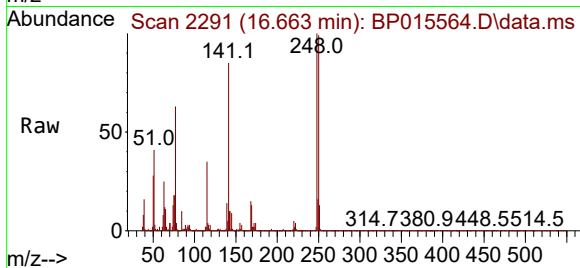




#68
4-Bromophenyl-phenylether
Concen: 40.214 ng/ul
RT: 16.663 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

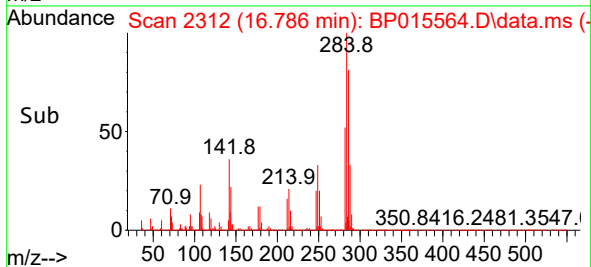
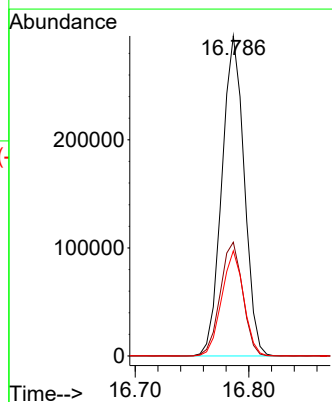
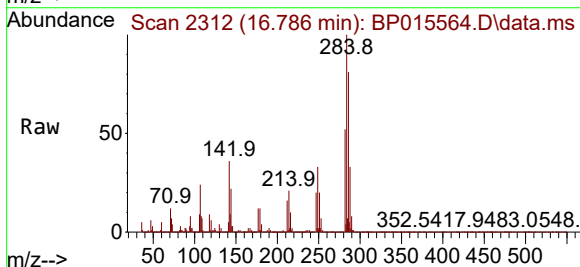
Instrument :
BNA_P
ClientSampleId :
SLCS379

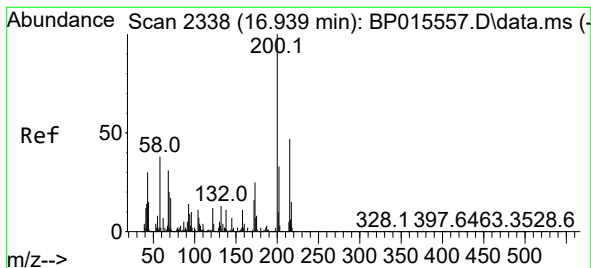
Tgt Ion:248 Resp: 336976
Ion Ratio Lower Upper
248 100
250 98.6 78.3 117.5
141 84.7 61.1 91.7



#69
Hexachlorobenzene
Concen: 40.987 ng/ul
RT: 16.786 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:284 Resp: 405129
Ion Ratio Lower Upper
284 100
142 35.5 25.4 38.2
249 32.9 24.8 37.2





#70

Atrazine

Concen: 8.289 ng/ul

RT: 16.933 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

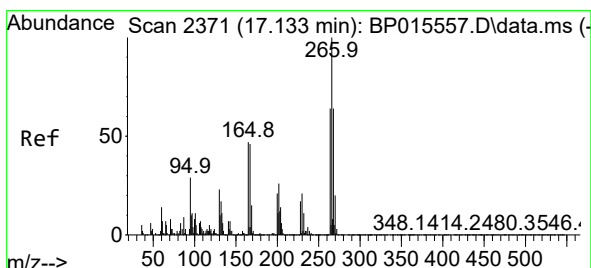
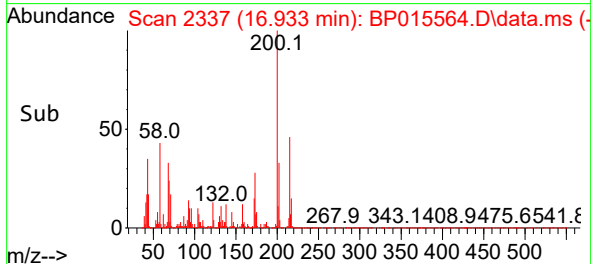
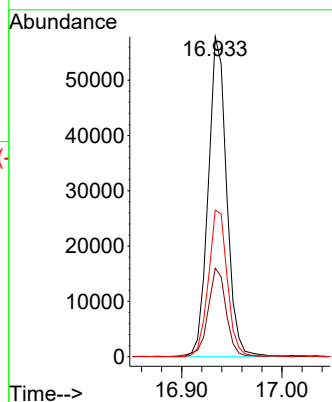
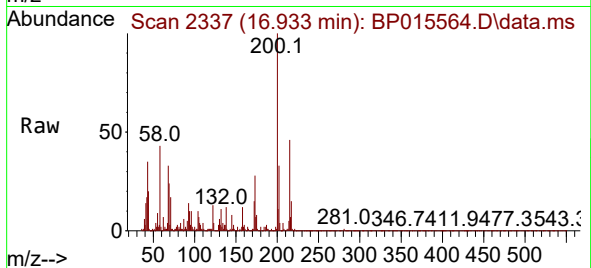
Tgt Ion:200 Resp: 73553

Ion Ratio Lower Upper

200 100

173 27.6 19.8 29.6

215 45.8 37.4 56.0



#71

Pentachlorophenol

Concen: 38.498 ng/ul

RT: 17.133 min Scan# 2371

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

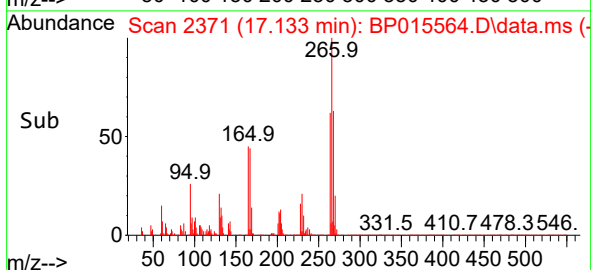
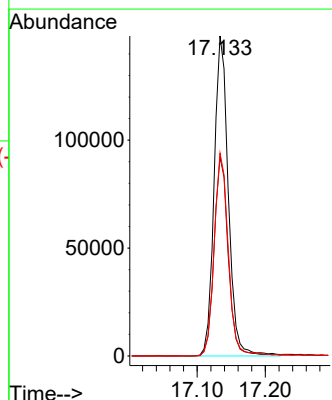
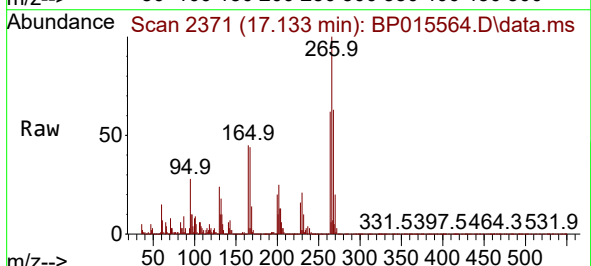
Tgt Ion:266 Resp: 215080

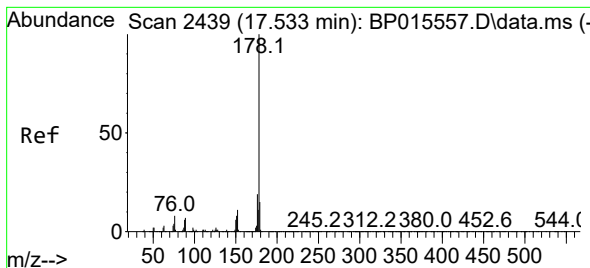
Ion Ratio Lower Upper

266 100

264 62.2 49.6 74.4

268 63.4 51.0 76.6





#72

Phenanthrene

Concen: 41.041 ng/ul

RT: 17.528 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

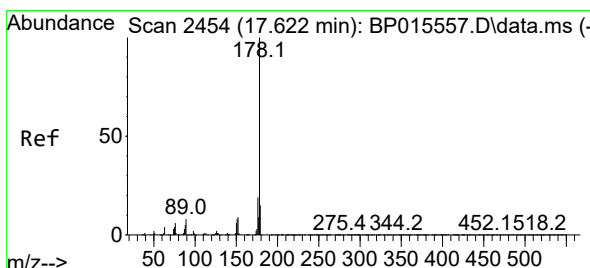
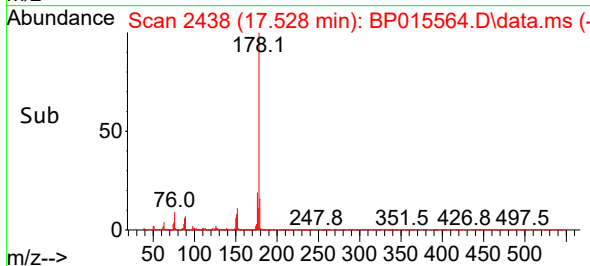
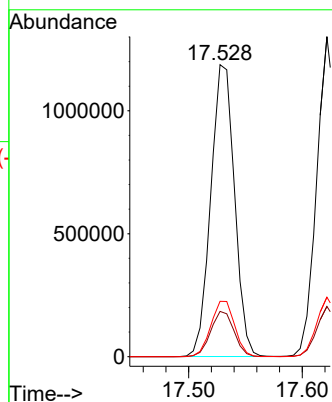
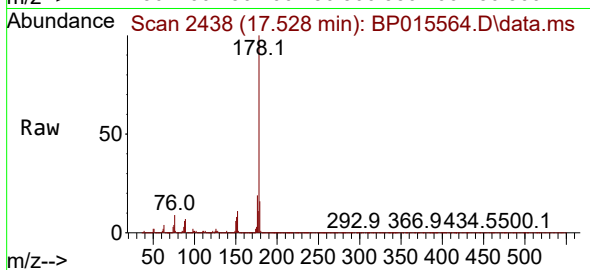
Tgt Ion:178 Resp: 1725059

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.0 15.4 23.0



#74

Anthracene

Concen: 40.121 ng/ul

RT: 17.622 min Scan# 2454

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

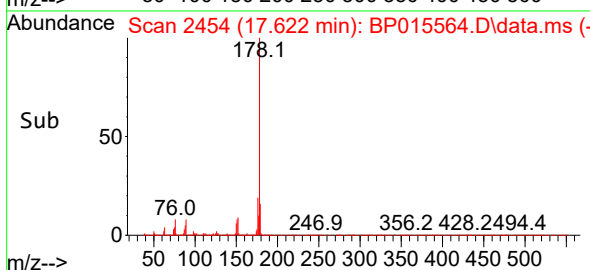
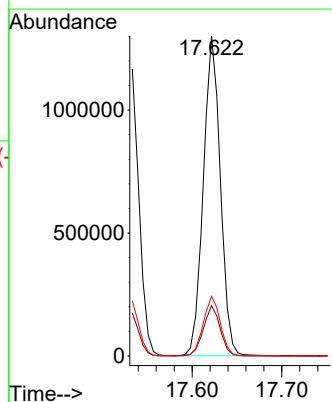
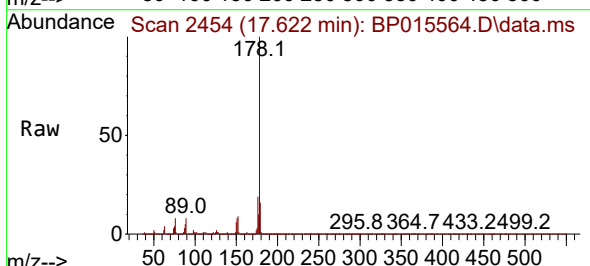
Tgt Ion:178 Resp: 1711061

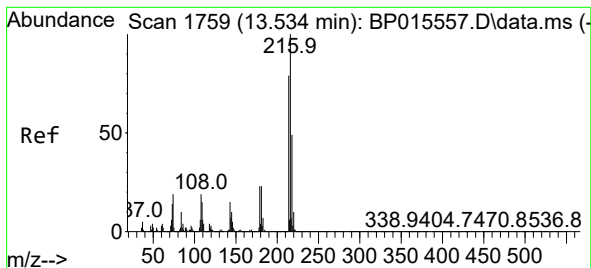
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.6 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.390 ng/uL

RT: 13.534 min Scan# 1759

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

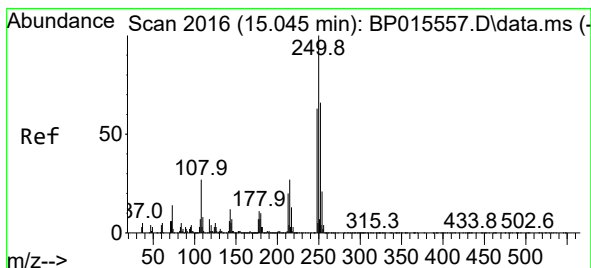
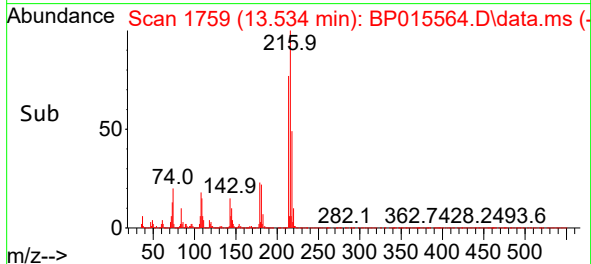
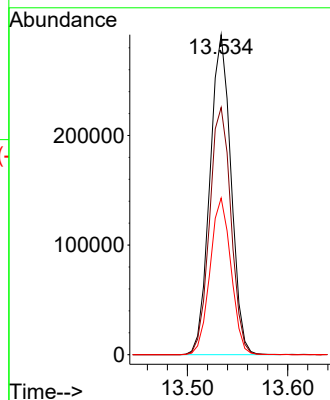
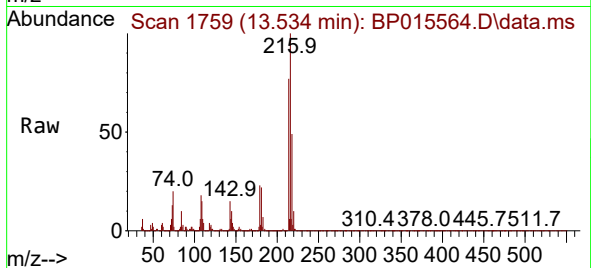
Tgt Ion:216 Resp: 425801

Ion Ratio Lower Upper

216 100

214 77.2 62.1 93.1

218 48.9 39.0 58.4



#76

Pentachlorobenzene

Concen: 38.241 ng/uL

RT: 15.045 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

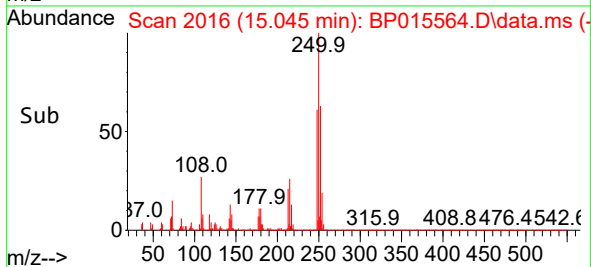
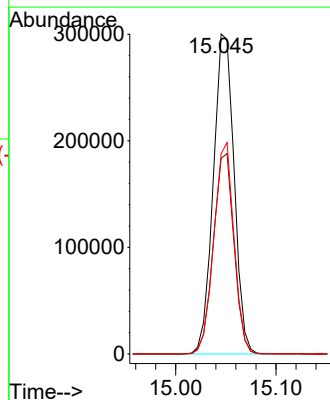
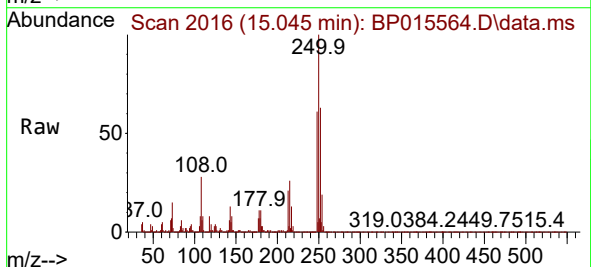
Tgt Ion:250 Resp: 432811

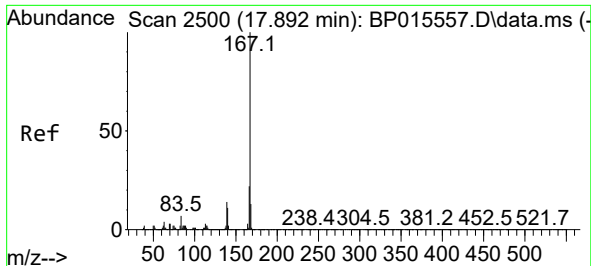
Ion Ratio Lower Upper

250 100

248 61.2 49.0 73.4

252 62.6 49.9 74.9

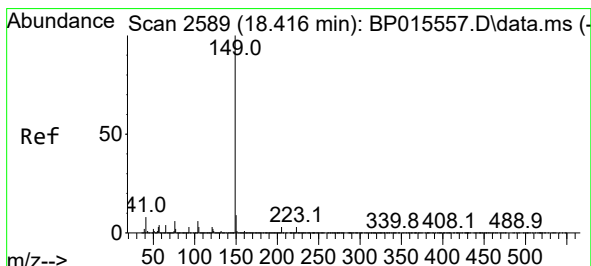
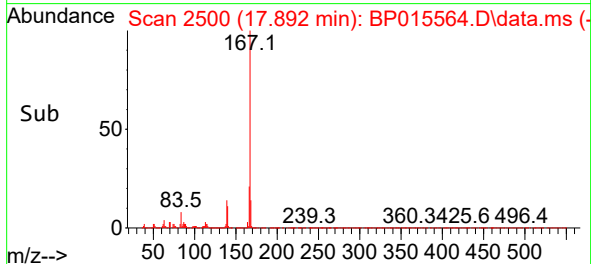
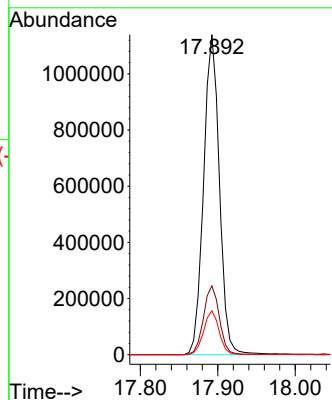
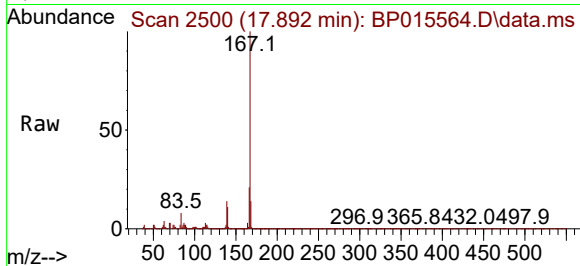




#77
 Carbazole
 Concen: 42.073 ng/ul
 RT: 17.892 min Scan# 2500
 Delta R.T. -0.000 min
 Lab File: BP015564.D
 Acq: 15 Jun 2023 19:50

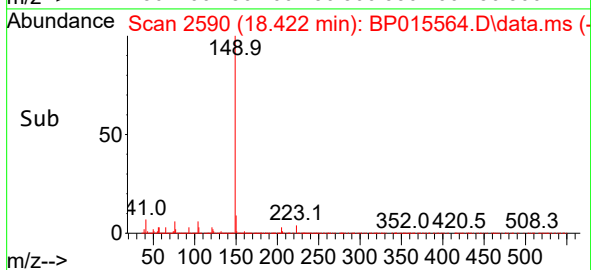
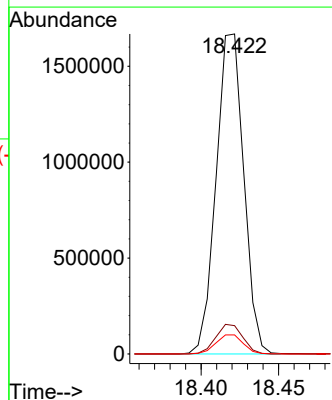
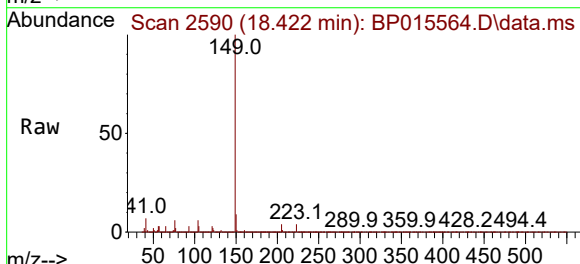
Instrument :
 BNA_P
 ClientSampleId :
 SLCS379

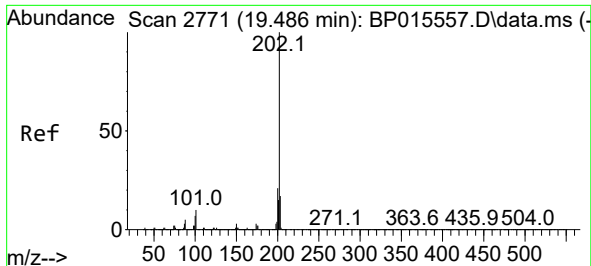
Tgt Ion:167 Resp: 1615644
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.7 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 42.519 ng/ul
 RT: 18.422 min Scan# 2590
 Delta R.T. 0.006 min
 Lab File: BP015564.D
 Acq: 15 Jun 2023 19:50

Tgt Ion:149 Resp: 2071587
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 5.9 4.5 6.7

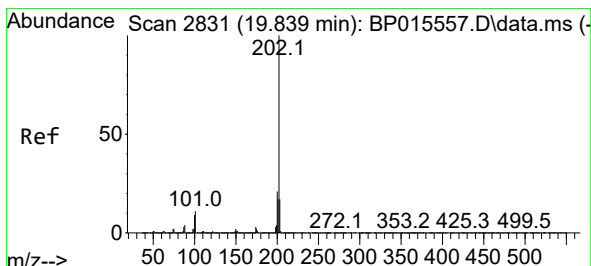
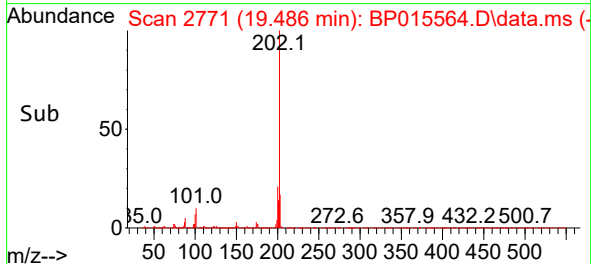
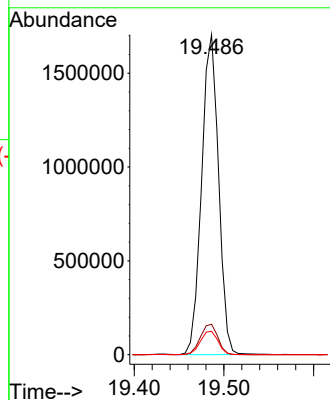
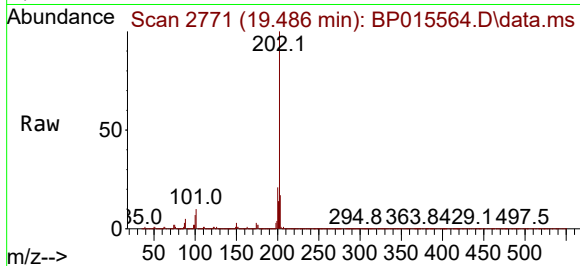




#80
Fluoranthene
Concen: 40.838 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

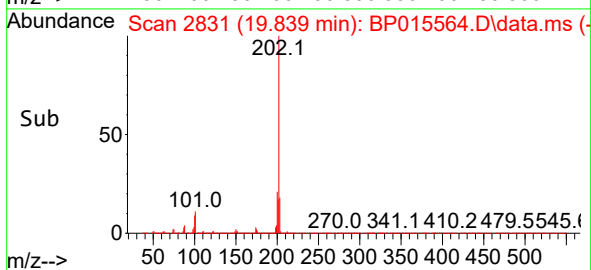
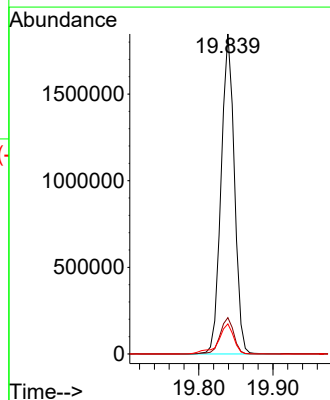
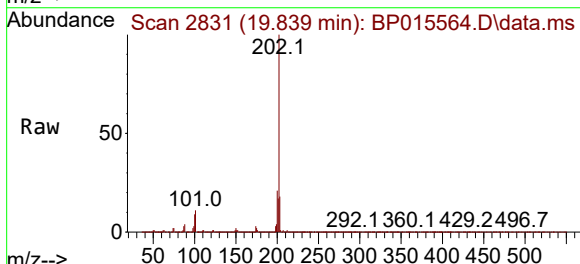
Instrument :
BNA_P
ClientSampleId :
SLCS379

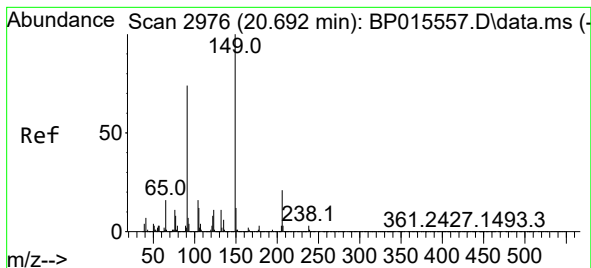
Tgt Ion:202 Resp: 2233903
Ion Ratio Lower Upper
202 100
101 9.5 8.6 13.0
100 7.3 6.6 9.8



#82
Pyrene
Concen: 40.673 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP015564.D
Acq: 15 Jun 2023 19:50

Tgt Ion:202 Resp: 2301822
Ion Ratio Lower Upper
202 100
101 11.3 9.9 14.9
100 9.4 8.4 12.6





#83

Butylbenzylphthalate

Concen: 43.740 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

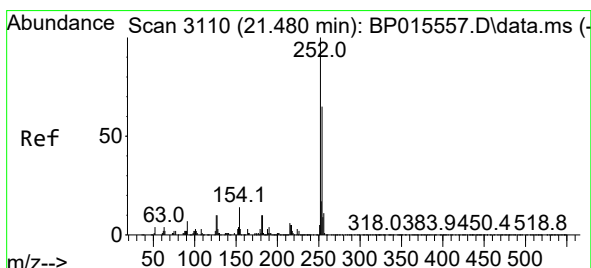
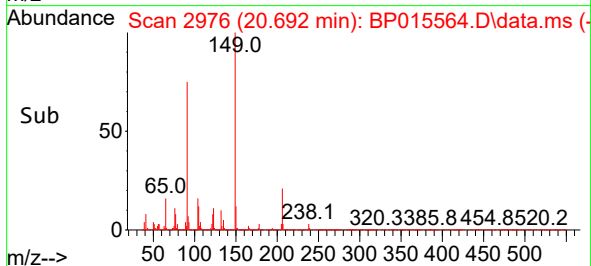
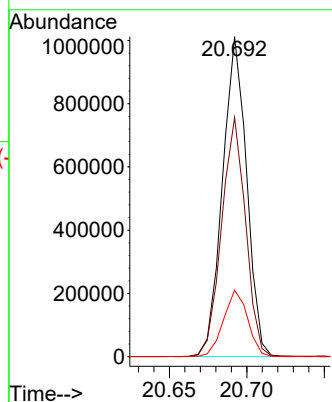
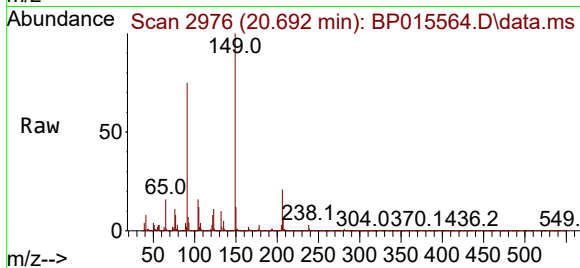
Tgt Ion:149 Resp: 1094097

Ion Ratio Lower Upper

149 100

91 74.7 60.4 90.6

206 20.8 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 42.831 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

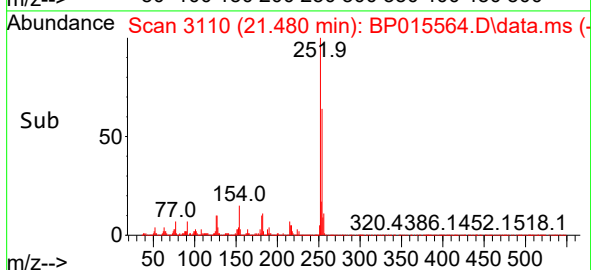
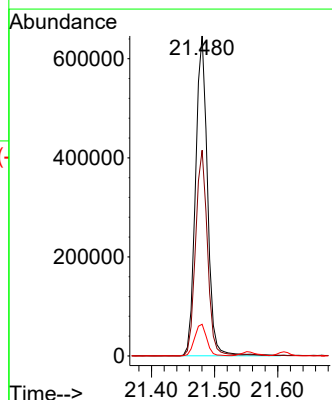
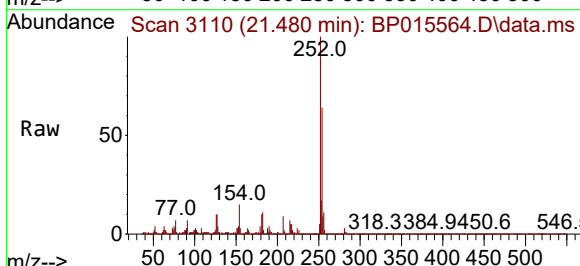
Tgt Ion:252 Resp: 849029

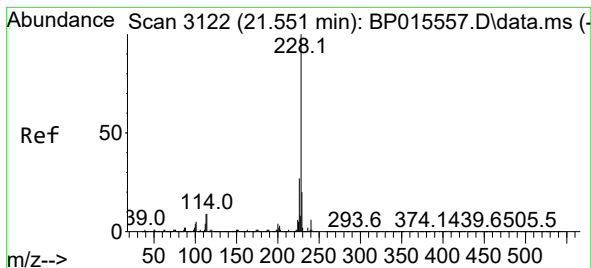
Ion Ratio Lower Upper

252 100

254 64.3 51.6 77.4

126 9.9 8.5 12.7





#85

Benzo(a)anthracene

Concen: 41.488 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

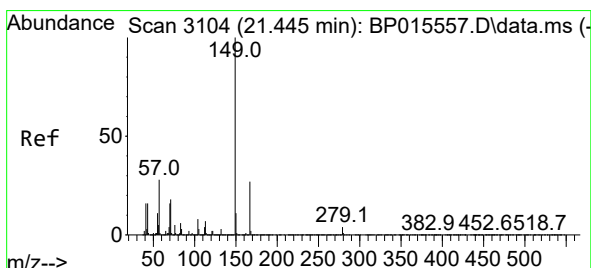
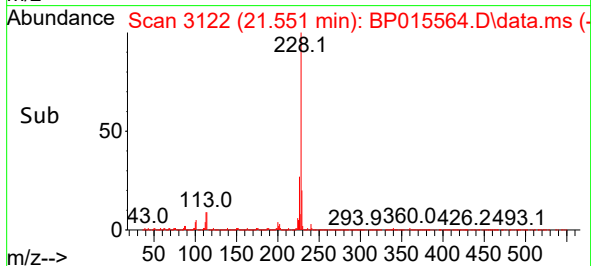
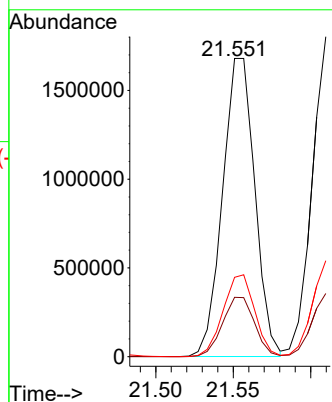
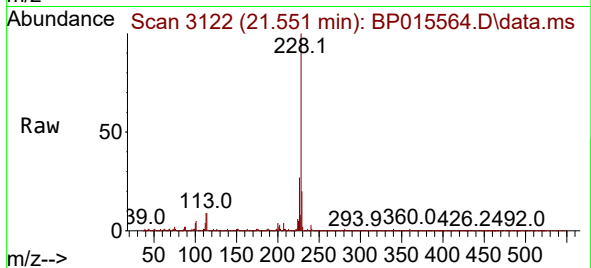
Tgt Ion:228 Resp: 2433559

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 26.6 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 44.187 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

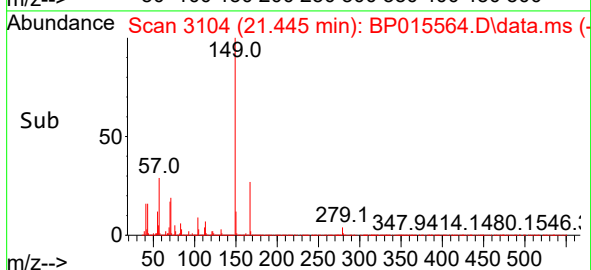
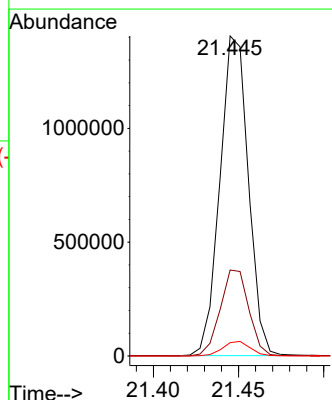
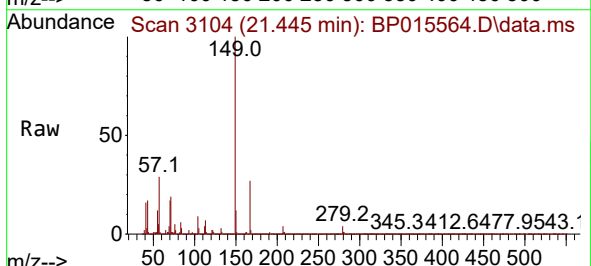
Tgt Ion:149 Resp: 1633682

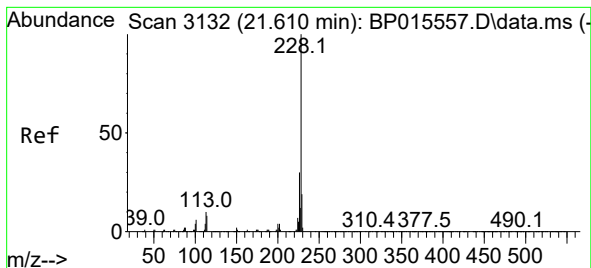
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 4.1 3.7 5.5





#87

Chrysene

Concen: 41.500 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

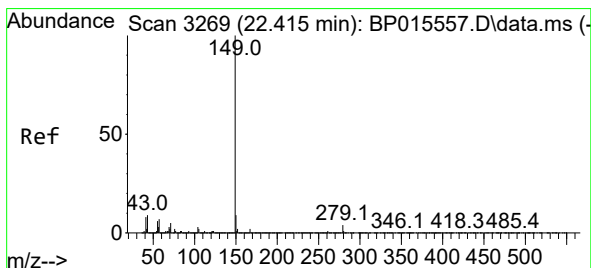
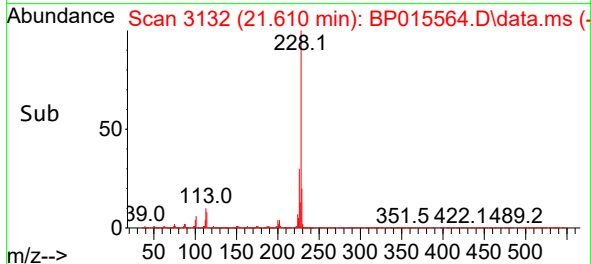
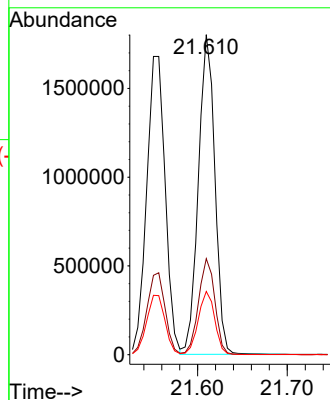
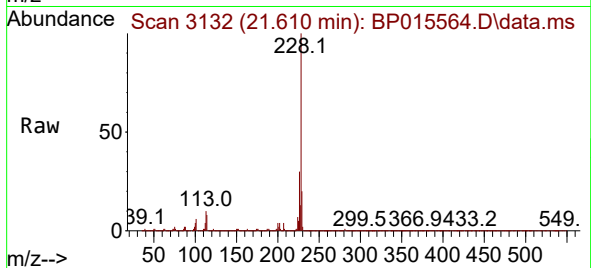
Tgt Ion:228 Resp: 2300886

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.7 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 46.410 ng/ul

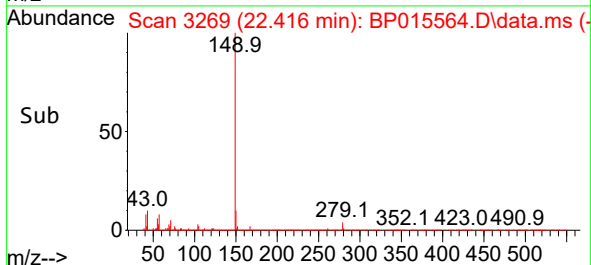
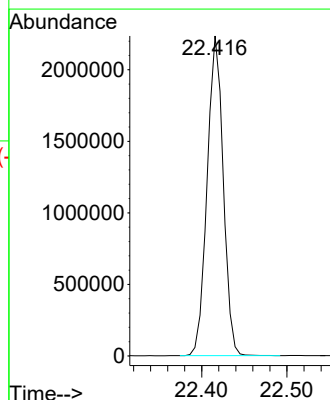
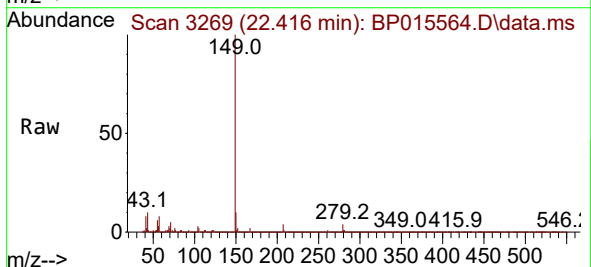
RT: 22.416 min Scan# 3269

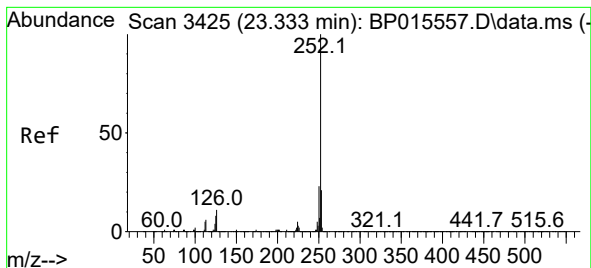
Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Tgt Ion:149 Resp: 2933003





#90

Benzo(b)fluoranthene

Concen: 41.292 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

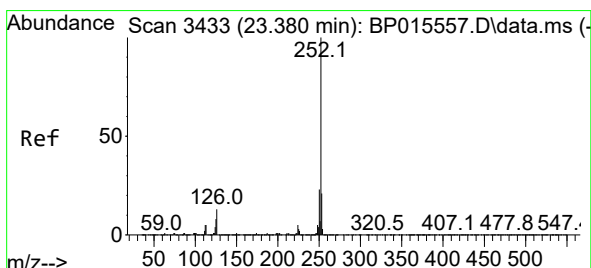
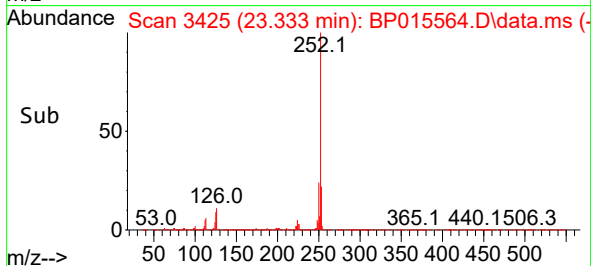
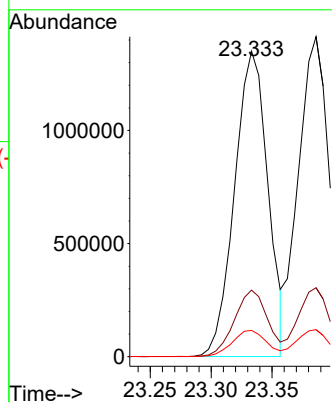
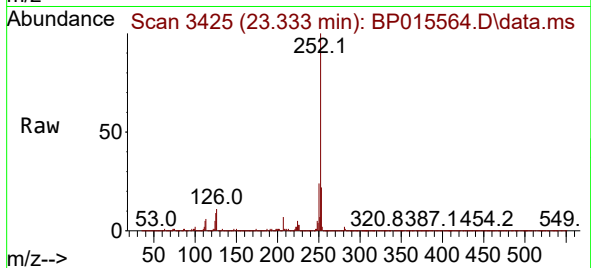
Tgt Ion:252 Resp: 2562998

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.6 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 41.933 ng/ul

RT: 23.386 min Scan# 3434

Delta R.T. 0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

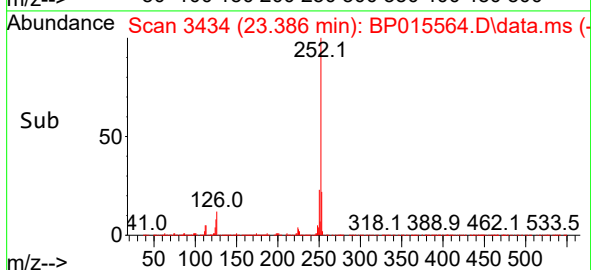
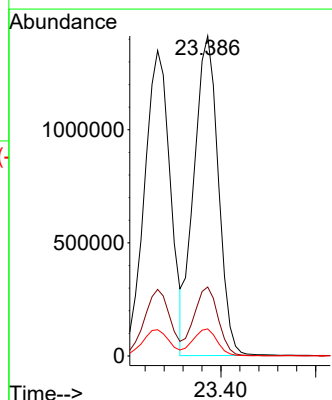
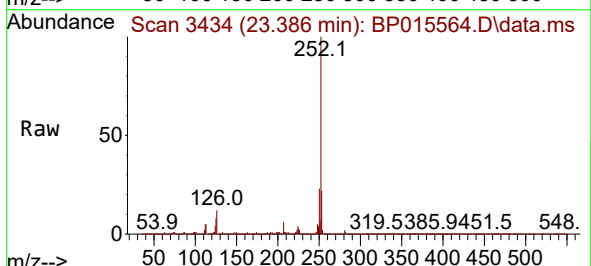
Tgt Ion:252 Resp: 2515989

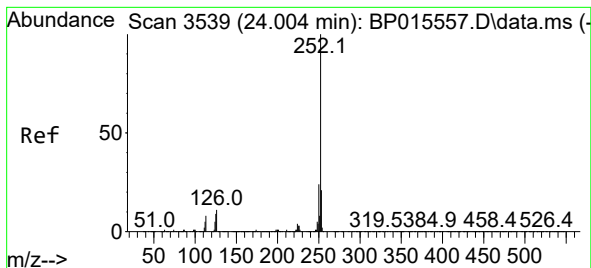
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 40.718 ng/ul

RT: 24.004 min Scan# 3539

Delta R.T. -0.000 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

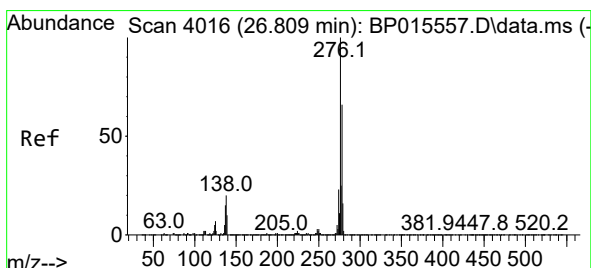
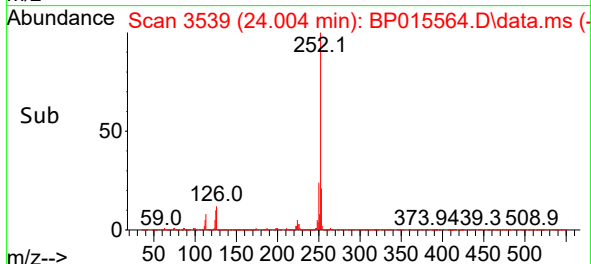
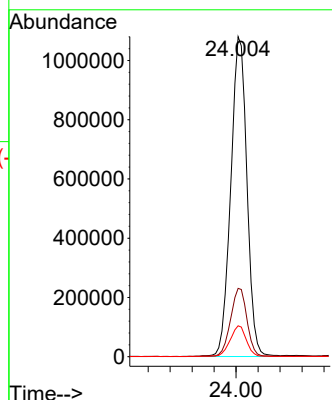
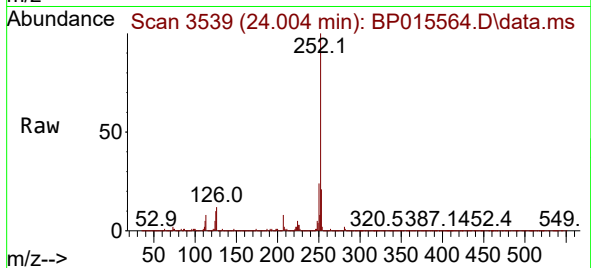
Tgt Ion:252 Resp: 2203461

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 9.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.596 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. 0.012 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

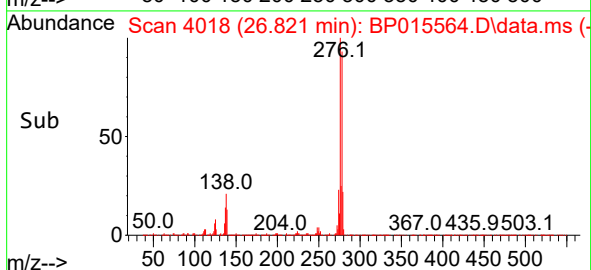
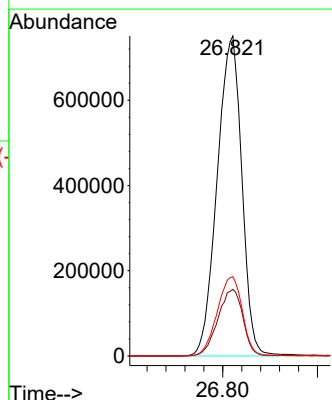
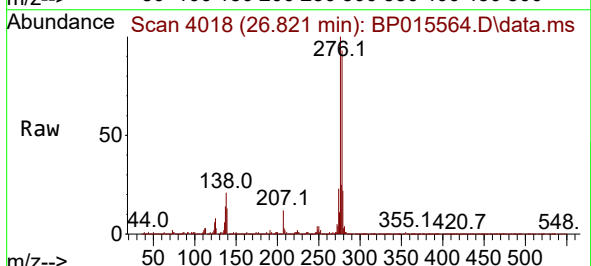
Tgt Ion:276 Resp: 2703043

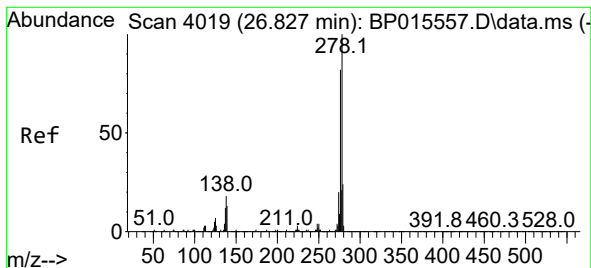
Ion Ratio Lower Upper

276 100

138 20.8 17.3 25.9

277 24.8 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 39.134 ng/ul

RT: 26.833 min Scan# 4019

Delta R.T. 0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Instrument :

BNA_P

ClientSampleId :

SLCS379

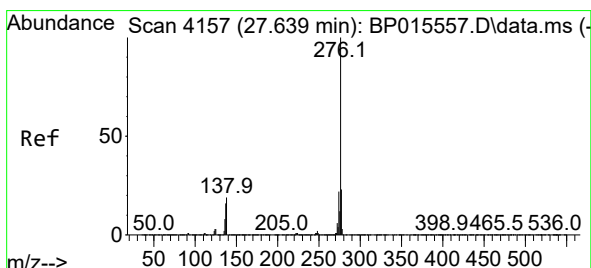
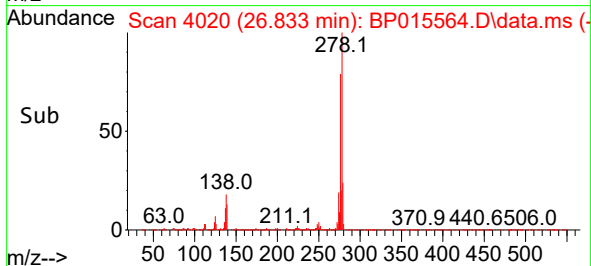
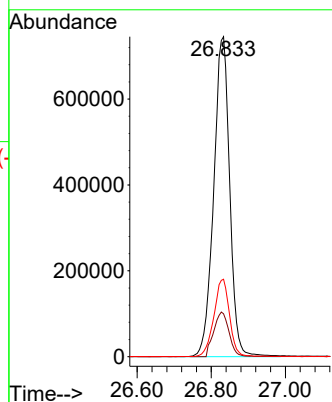
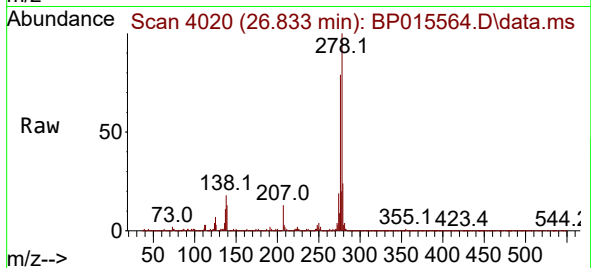
Tgt Ion:278 Resp: 2232891

Ion Ratio Lower Upper

278 100

139 13.4 11.4 17.0

279 24.2 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 38.036 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BP015564.D

Acq: 15 Jun 2023 19:50

Tgt Ion:276 Resp: 2195263

Ion Ratio Lower Upper

276 100

138 18.1 15.6 23.4

277 23.6 19.0 28.6

