

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014154.D
 Acq On : 20 Mar 2023 23:02
 Operator : CG/JU
 Sample : PB151502BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS502

Quant Time: Mar 21 00:49:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:12:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	169422	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	723822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	493505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1151994	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.527	240	1213834	20.000	ng/u1	# 0.00
88) Perylene-d12	24.051	264	1247300	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	24105	5.376	ng/uL	0.00
4) Pyridine-d5	3.846	84	300384	24.194	ng/u1	0.00
7) Phenol-d5	7.210	99	482407	32.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	287281	32.947	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	359224	31.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	399301	32.696	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	185248	32.076	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	217601	31.475	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	403551	31.023	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	458443	26.631	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1282656	30.625	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	1399170	31.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	233078	31.579	ng/u1	0.00
60) Fluorene-d10	15.686	176	1087649	30.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	267847	30.763	ng/u1	0.00
73) Anthracene-d10	17.551	188	1725876	30.861	ng/u1	0.00
81) Pyrene-d10	19.769	212	2202655	32.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	2149820	32.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	49253	10.175	ng/uL	94
5) Pyridine	3.864	79	320744	25.475	ng/u1	94
6) Benzaldehyde	7.187	77	246724	33.165	ng/u1	99
8) Phenol	7.234	94	484648	31.433	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	374955	31.743	ng/u1	97
12) 2-Chlorophenol	7.616	128	361374	31.488	ng/u1	98
13) 2-Methylphenol	8.499	108	372790	32.516	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	467925	36.681	ng/u1	99
16) Acetophenone	8.887	105	624882	31.673	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	333923	33.084	ng/u1	98
18) 4-Methylphenol	8.828	108	407963	32.351	ng/u1	97
19) Hexachloroethane	9.140	117	159890	31.810	ng/u1	98
22) Nitrobenzene	9.269	77	497891	32.228	ng/u1	100
23) Isophorone	9.798	82	950955	31.963	ng/u1	98
25) 2-Nitrophenol	9.987	139	225564	31.657	ng/u1	96
26) 2,4-Dimethylphenol	10.040	107	460356	29.518	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.275	93	547967	31.842	ng/u1	100
29) 2,4-Dichlorophenol	10.522	162	387319	30.185	ng/u1	98
30) Naphthalene	10.928	128	1220189	30.699	ng/u1	99
32) 4-Chloroaniline	11.040	127	413259	23.857	ng/u1	97
33) Hexachlorobutadiene	11.204	225	293998	28.793	ng/u1	99
34) Caprolactam	11.834	113	73225	17.575	ng/u1	95
35) 4-Chloro-3-methylphenol	12.157	107	471915	31.805	ng/u1	98
36) 2-Methylnaphthalene	12.528	142	843857	30.269	ng/u1	99

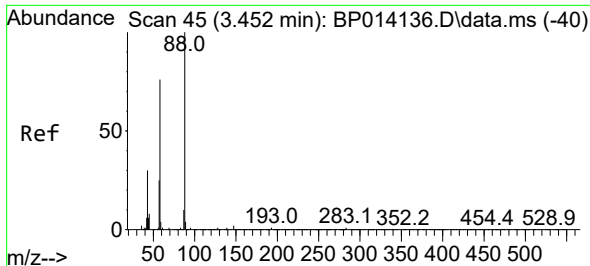
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	867009	30.941	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.892	216	532900	29.861	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	299458	23.433	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	346120	30.874	ng/ul	98
42) 2,4,5-Trichlorophenol	13.204	196	384207	31.228	ng/ul	99
43) 1,1'-Biphenyl	13.528	154	1188733	31.287	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	954552	31.633	ng/ul	99
45) 2-Nitroaniline	13.781	65	322932	36.183	ng/ul	93
47) Dimethylphthalate	14.145	163	1278543	30.841	ng/ul	100
48) 2,6-Dinitrotoluene	14.269	165	271141	33.082	ng/ul	99
50) Acenaphthylene	14.416	152	1485256	31.899	ng/ul	100
51) 3-Nitroaniline	14.604	138	241488	33.277	ng/ul	93
52) Acenaphthene	14.757	153	1025519	31.505	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	177371	28.979	ng/ul	97
55) 4-Nitrophenol	14.910	109	227657	28.555	ng/ul	92
56) Dibenzofuran	15.092	168	1451997	30.662	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	396874	32.409	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.316	232	351009	29.821	ng/ul	99
59) Diethylphthalate	15.504	149	1305689	31.053	ng/ul	100
61) Fluorene	15.739	166	1204774	30.692	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	644266	29.737	ng/ul	100
63) 4-Nitroaniline	15.769	138	276035	37.005	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.822	198	265440	31.955	ng/ul	96
67) N-Nitrosodiphenylamine	15.945	169	1032445	31.733	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	423957	30.442	ng/ul	99
69) Hexachlorobenzene	16.745	284	496160	30.233	ng/ul	96
70) Atrazine	16.898	200	277580	19.781	ng/ul	98
71) Pentachlorophenol	17.098	266	299018	27.875	ng/ul	98
72) Phenanthrene	17.492	178	1974206	31.420	ng/ul	100
74) Anthracene	17.580	178	1978825	31.061	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	547958	30.994	ng/uL	99
76) Pentachlorobenzene	15.010	250	556013	30.275	ng/uL	98
77) Carbazole	17.851	167	1802539	32.077	ng/ul	100
78) Di-n-butylphthalate	18.380	149	2351369	33.481	ng/ul	100
80) Fluoranthene	19.445	202	2495526	32.704	ng/ul#	97
82) Pyrene	19.798	202	2586988	32.499	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1141420	35.562	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	886486	28.529	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2701215	31.639	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1718040	35.803	ng/ul	99
87) Chrysene	21.568	228	2544958	31.278	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	3032101	38.526	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2693913	32.413	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	2642540	33.343	ng/ul	99
93) Benzo(a)pyrene	23.939	252	2293583	31.727	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.703	276	2642005	27.608	ng/ul	98
95) Dibenzo(a,h)anthracene	26.715	278	2210169	27.787	ng/ul	98
96) Benzo(g,h,i)perylene	27.521	276	2068610	27.044	ng/ul	98

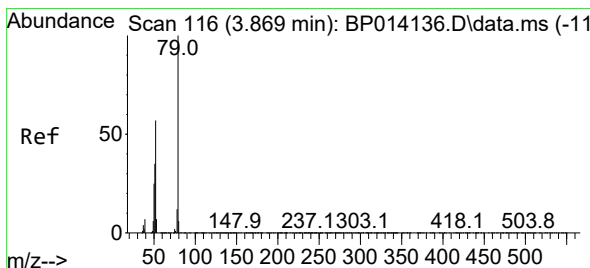
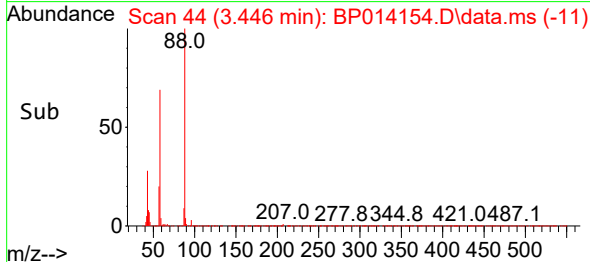
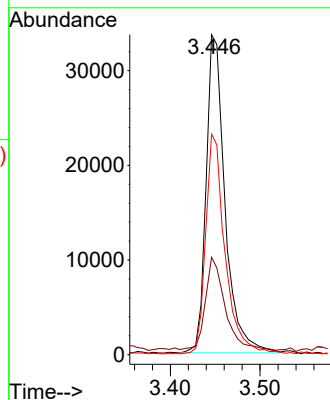
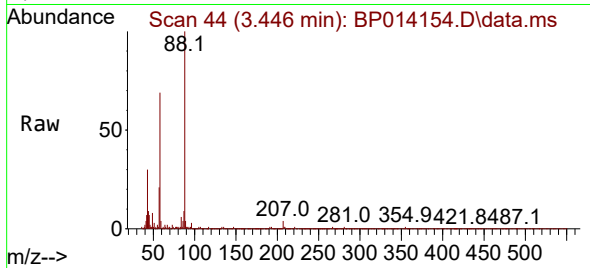
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#2
1,4-Dioxane
Concen: 10.175 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP014154.D
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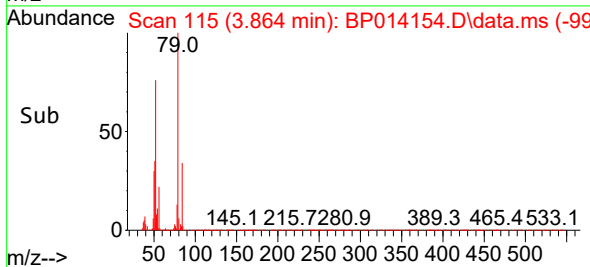
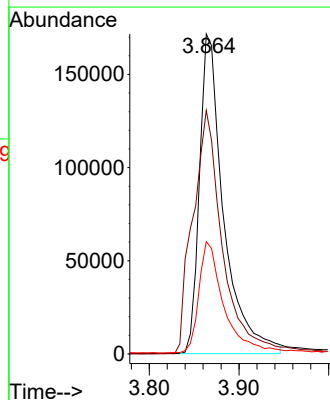
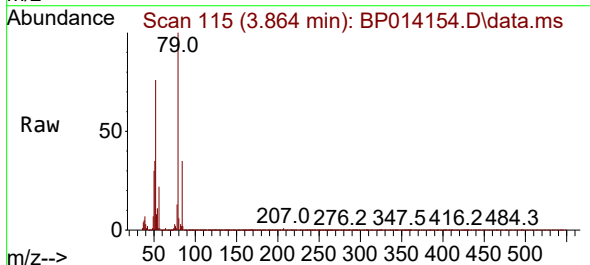
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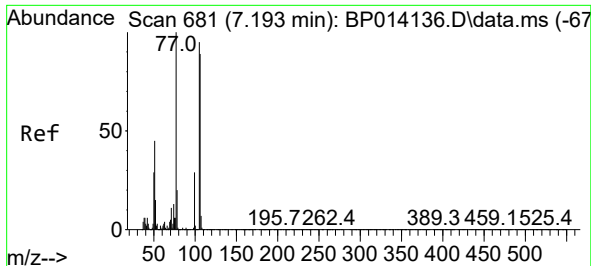
Tgt Ion: 88 Resp: 49253
Ion Ratio Lower Upper
88 100
43 30.5 23.9 35.9
58 68.9 50.2 75.2



#5
Pyridine
Concen: 25.475 ng/uL
RT: 3.864 min Scan# 115
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion: 79 Resp: 320744
Ion Ratio Lower Upper
79 100
52 76.1 55.1 82.7
51 35.1 28.9 43.3

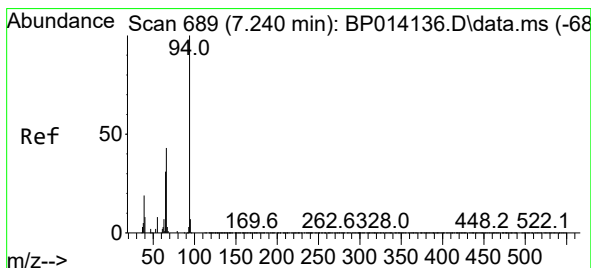
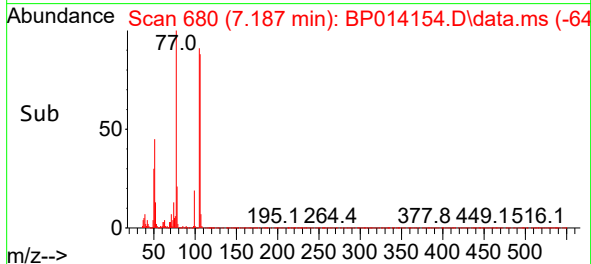
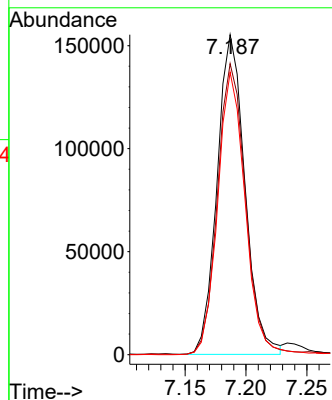
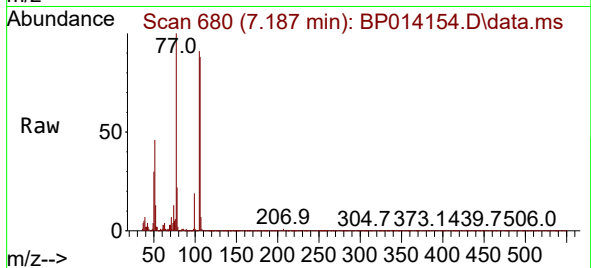




#6
Benzaldehyde
Concen: 33.165 ng/ul
RT: 7.187 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

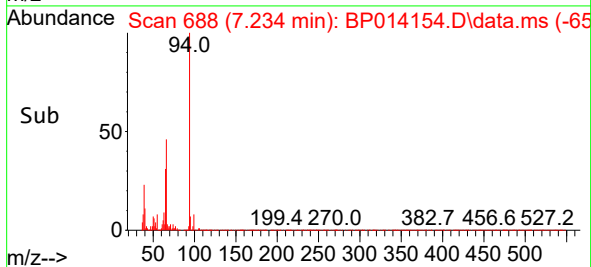
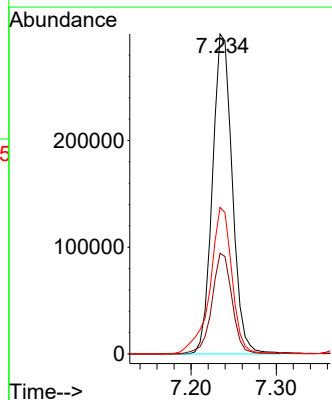
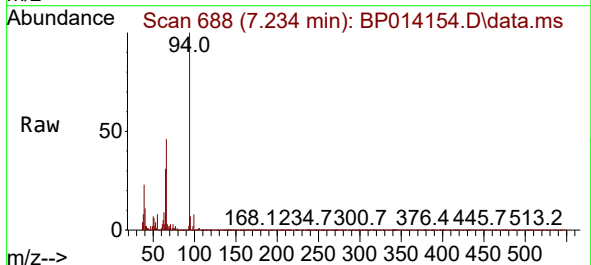
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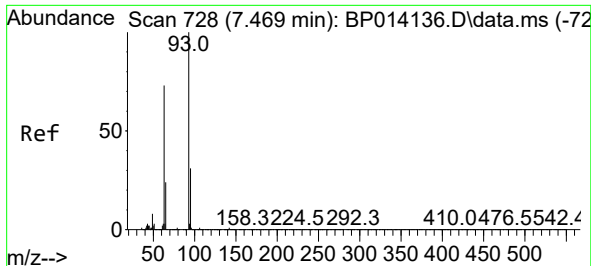
Tgt Ion: 77 Resp: 246724
Ion Ratio Lower Upper
77 100
105 91.0 74.2 111.2
106 88.3 69.8 104.8



#8
Phenol
Concen: 31.433 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion: 94 Resp: 484648
Ion Ratio Lower Upper
94 100
65 31.4 25.2 37.8
66 45.8 37.2 55.8

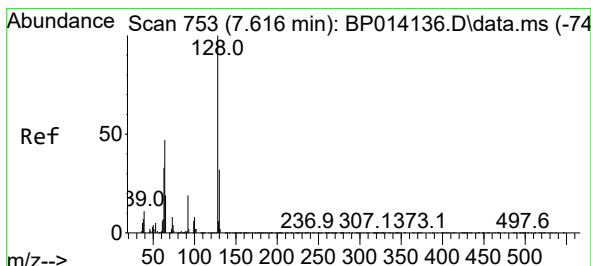
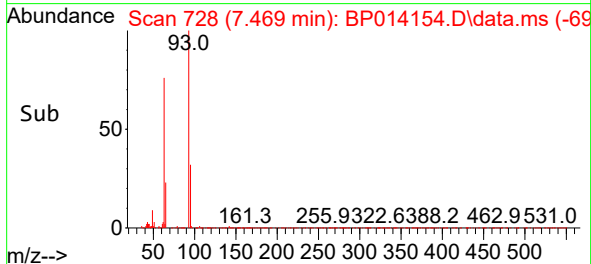
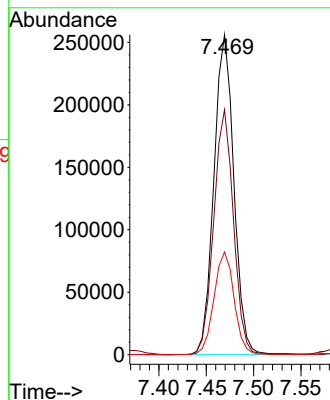
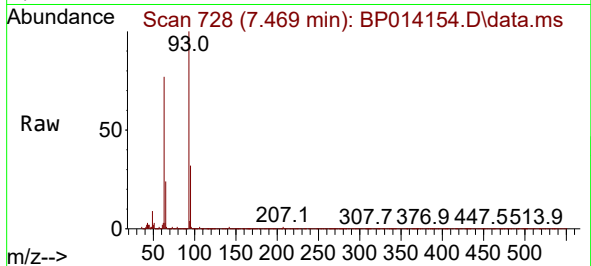




#10
Bis(2-Chloroethyl)ether
Concen: 31.743 ng/ul
RT: 7.469 min Scan# 728
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

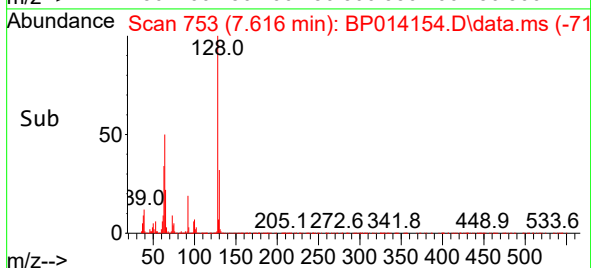
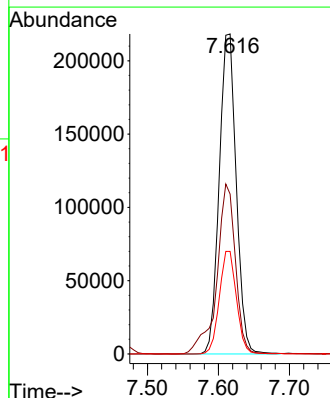
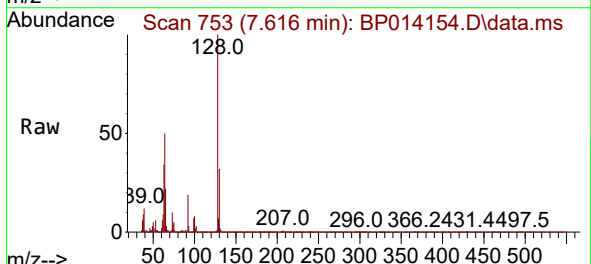
Instrument :
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ClientSampleId :
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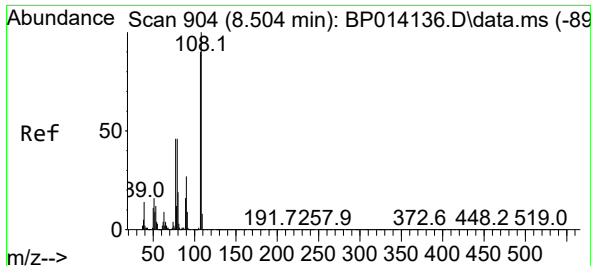
Tgt Ion: 93 Resp: 374955
Ion Ratio Lower Upper
93 100
63 76.5 58.8 88.2
95 32.1 25.8 38.6



#12
2-Chlorophenol
Concen: 31.488 ng/ul
RT: 7.616 min Scan# 753
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:128 Resp: 361374
Ion Ratio Lower Upper
128 100
64 49.9 38.3 57.5
130 32.1 25.7 38.5





#13

2-Methylphenol

Concen: 32.516 ng/ul

RT: 8.499 min Scan# 904

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

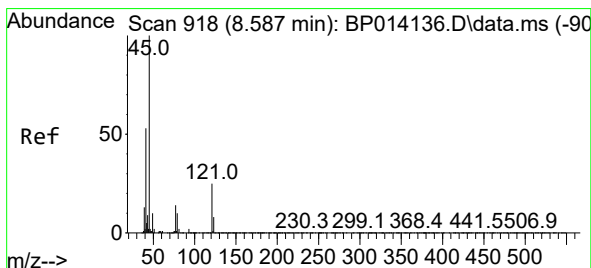
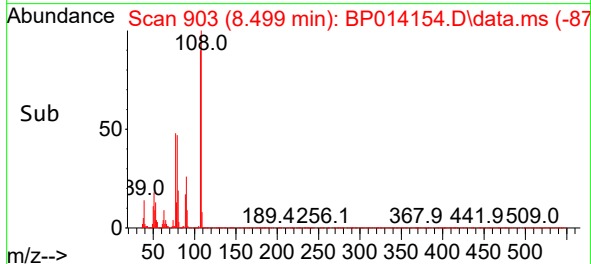
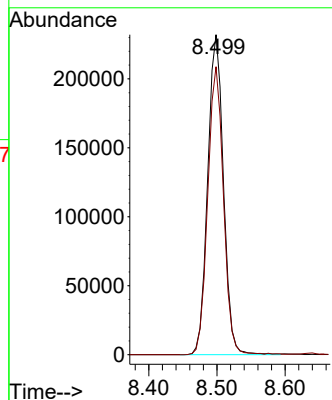
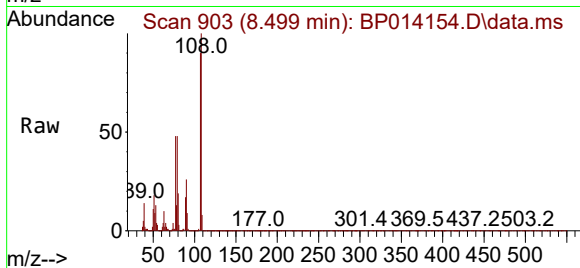
SLCS502

Tgt Ion:108 Resp: 372790

Ion Ratio Lower Upper

108 100

107 90.0 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.681 ng/ul

RT: 8.581 min Scan# 917

Delta R.T. -0.006 min

Lab File: BP014154.D

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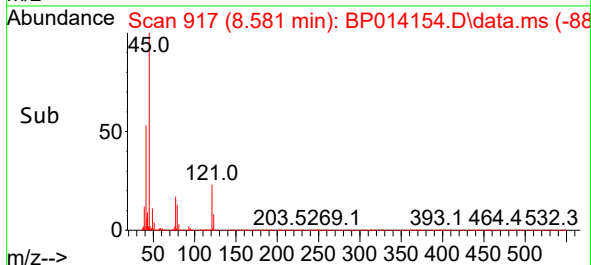
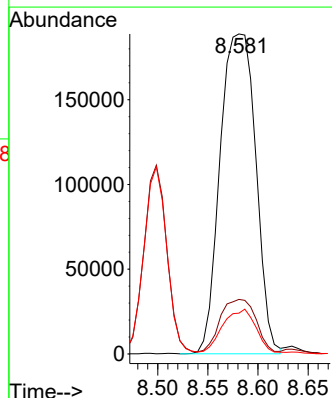
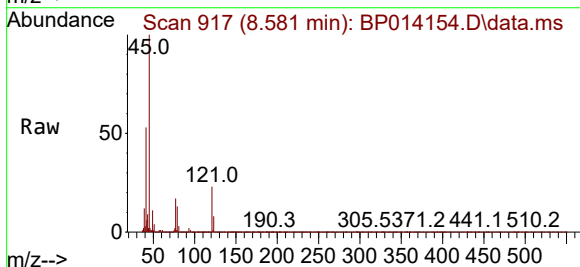
Tgt Ion: 45 Resp: 467925

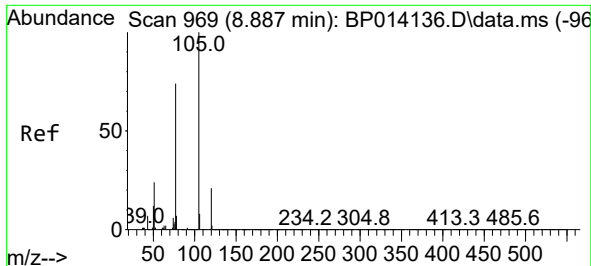
Ion Ratio Lower Upper

45 100

77 17.1 14.2 21.2

79 12.8 10.6 15.8

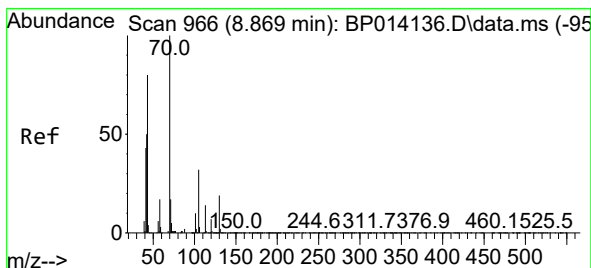
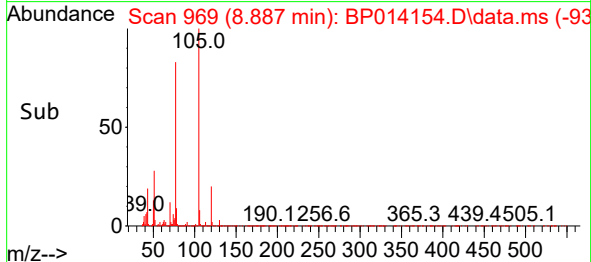
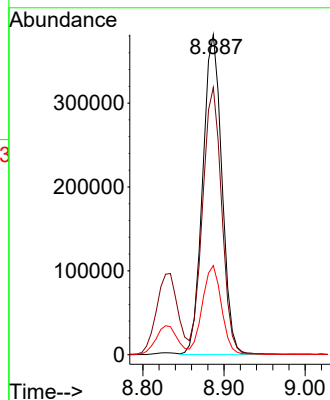
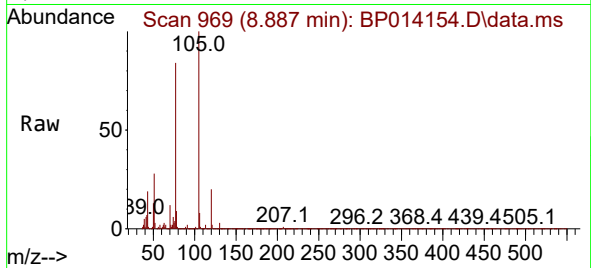




#16
Acetophenone
Concen: 31.673 ng/ul
RT: 8.887 min Scan# 969
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

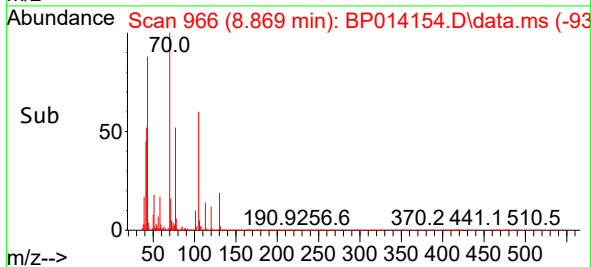
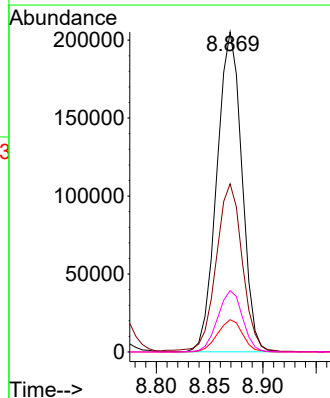
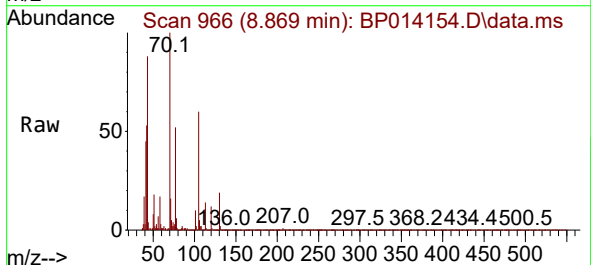
Instrument :
BNA_P
ClientSampleId :
SLCS502

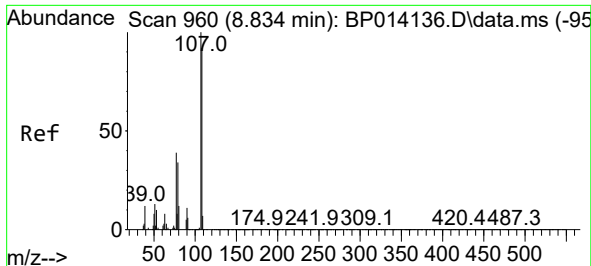
Tgt Ion:105 Resp: 624882
Ion Ratio Lower Upper
105 100
77 83.5 65.4 98.2
51 27.9 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 33.084 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion: 70 Resp: 333923
Ion Ratio Lower Upper
70 100
42 52.5 40.9 61.3
101 10.1 7.9 11.9
130 19.2 16.6 25.0

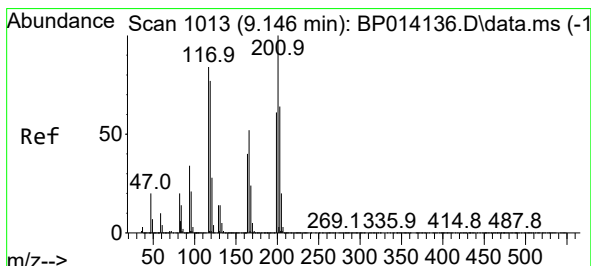
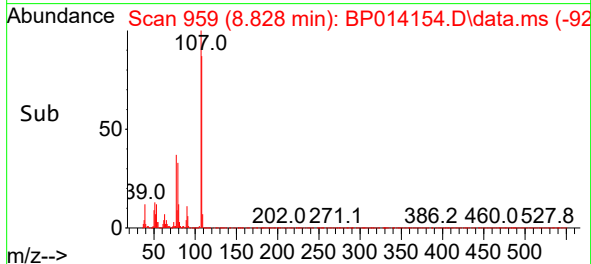
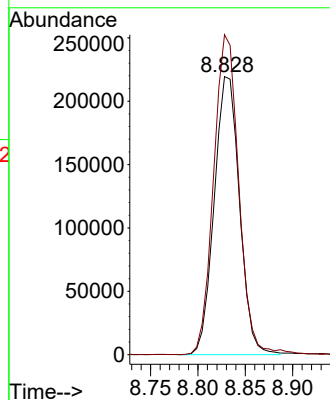
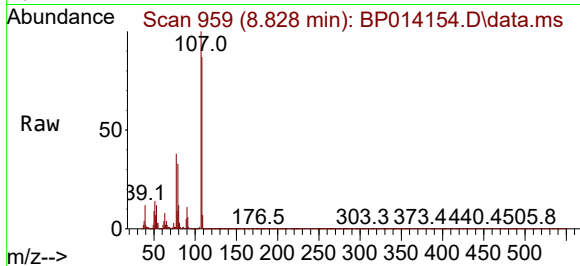




#18
4-Methylphenol
Concen: 32.351 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

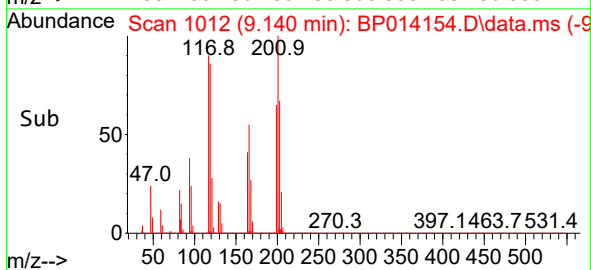
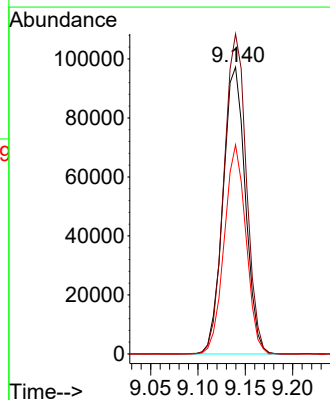
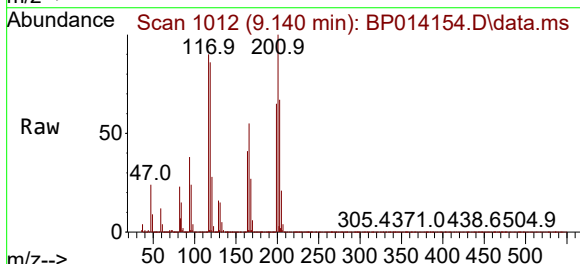
Instrument :
BNA_P
ClientSampleId :
SLCS502

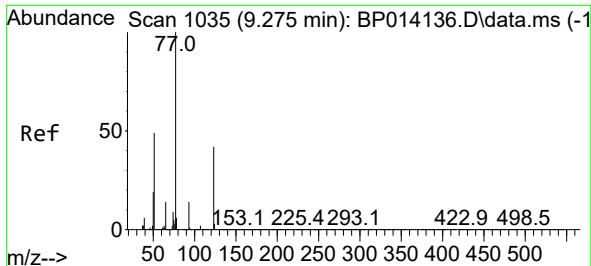
Tgt Ion:108 Resp: 407963
Ion Ratio Lower Upper
108 100
107 115.1 89.8 134.6



#19
Hexachloroethane
Concen: 31.810 ng/ul
RT: 9.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:117 Resp: 159890
Ion Ratio Lower Upper
117 100
201 111.6 91.7 137.5
199 72.9 59.1 88.7

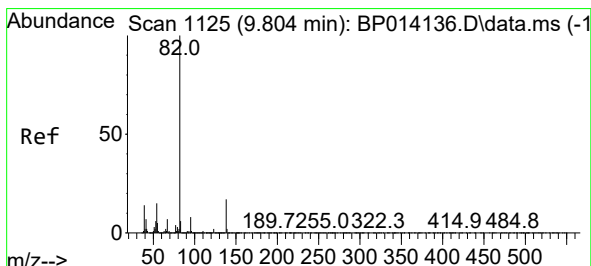
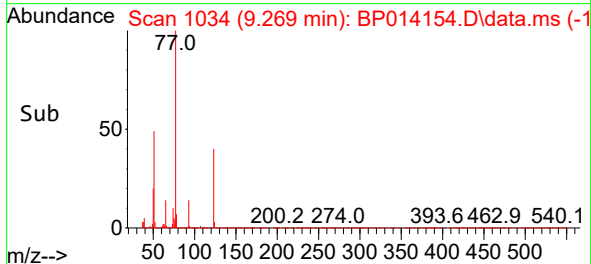
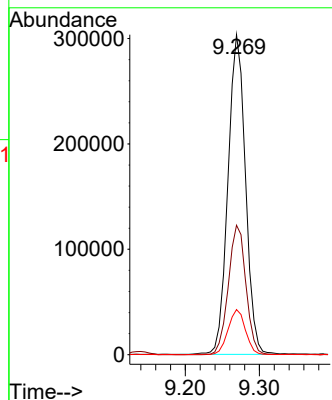
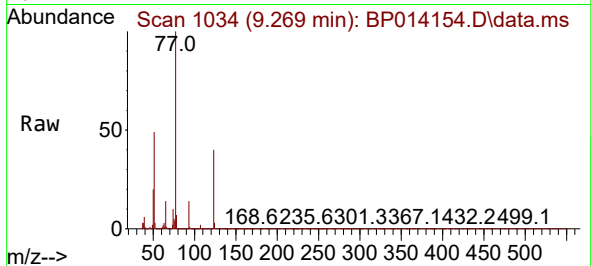




#22
Nitrobenzene
Concen: 32.228 ng/ul
RT: 9.269 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

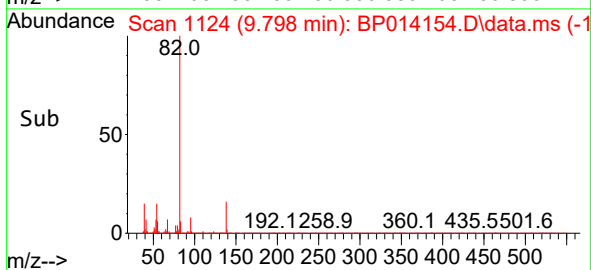
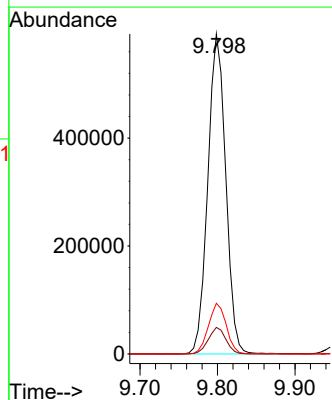
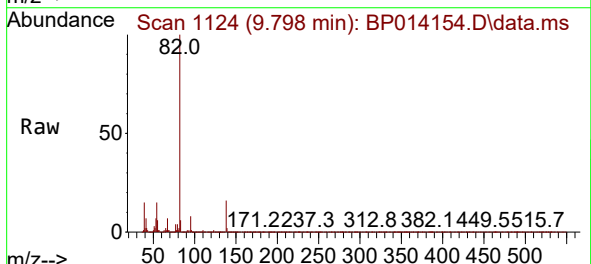
Instrument :
BNA_P
ClientSampleId :
SLCS502

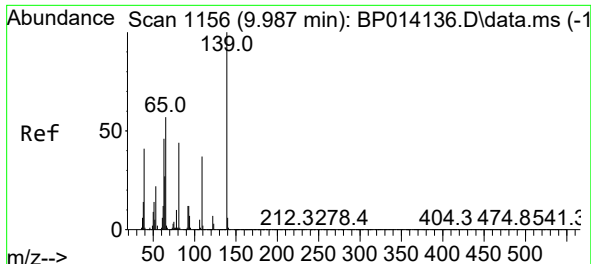
Tgt Ion: 77 Resp: 497891
Ion Ratio Lower Upper
77 100
123 40.4 32.6 48.8
65 14.1 11.2 16.8



#23
Isophorone
Concen: 31.963 ng/ul
RT: 9.798 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion: 82 Resp: 950955
Ion Ratio Lower Upper
82 100
95 8.3 7.1 10.7
138 15.8 13.3 19.9

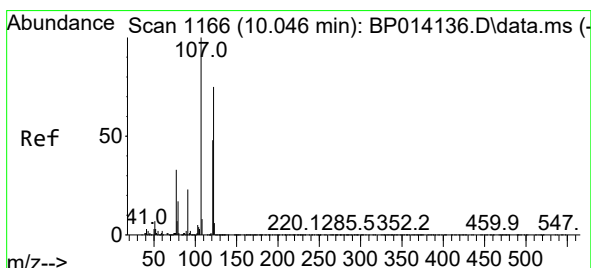
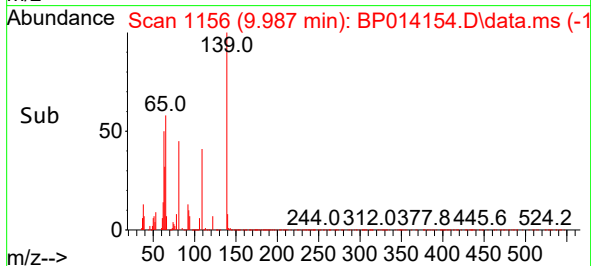
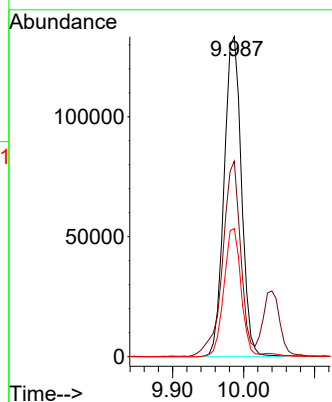
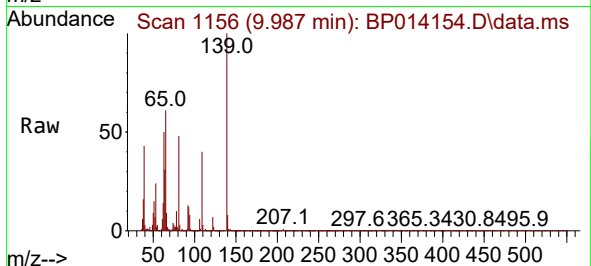




#25
2-Nitrophenol
Concen: 31.657 ng/ul
RT: 9.987 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

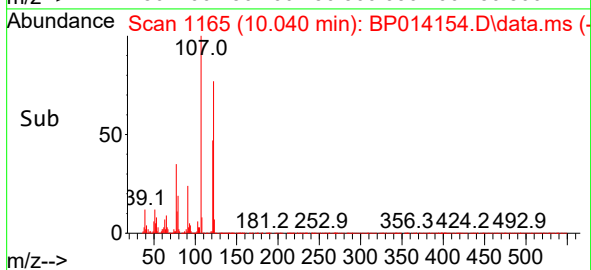
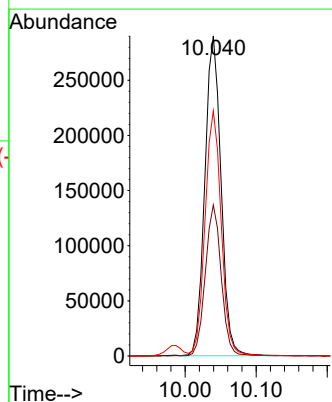
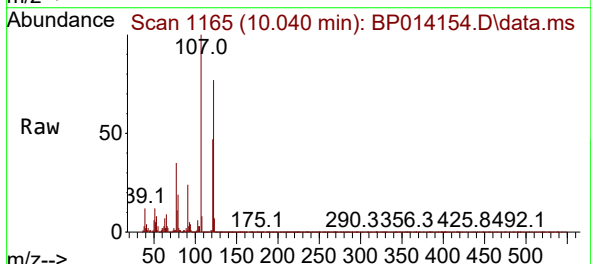
Instrument :
BNA_P
ClientSampleId :
SLCS502

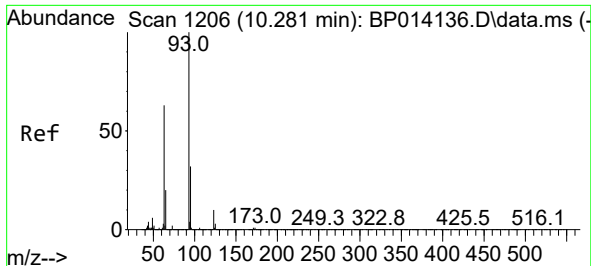
Tgt Ion:139 Resp: 225564
Ion Ratio Lower Upper
139 100
65 61.1 46.6 70.0
109 40.0 34.5 51.7



#26
2,4-Dimethylphenol
Concen: 29.518 ng/ul
RT: 10.040 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:107 Resp: 460356
Ion Ratio Lower Upper
107 100
121 47.2 37.1 55.7
122 76.6 61.2 91.8





#27

Bis(2-Chloroethoxy)methane

Concen: 31.842 ng/ul

RT: 10.275 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

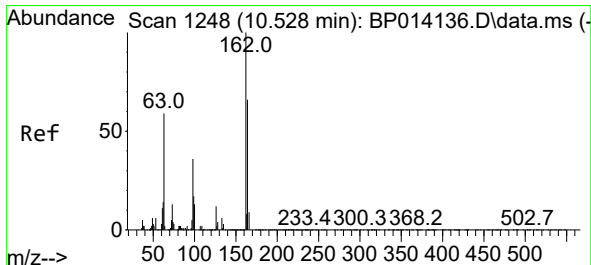
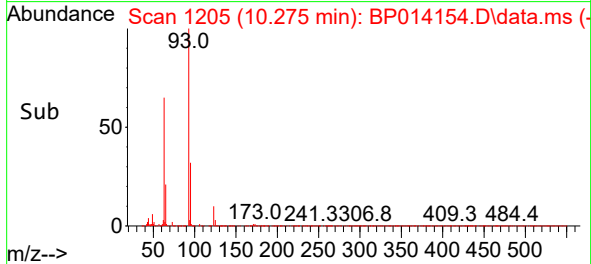
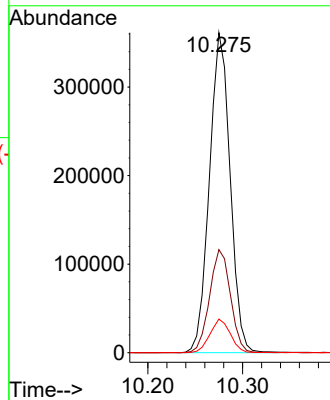
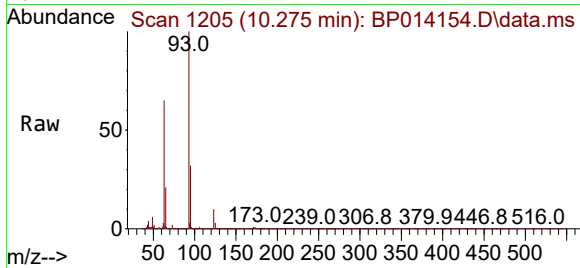
Tgt Ion: 93 Resp: 547967

Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

123 10.5 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 30.185 ng/ul

RT: 10.522 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

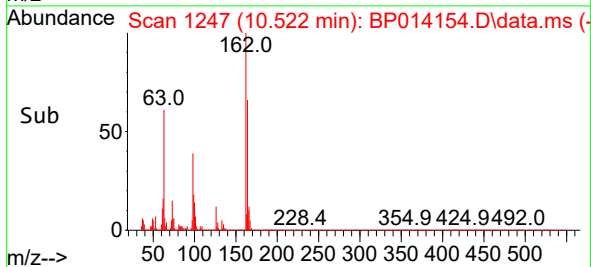
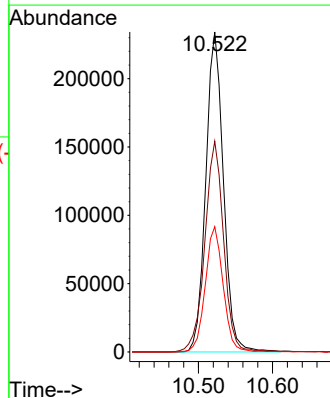
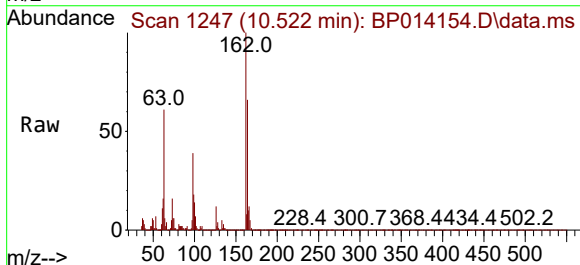
Tgt Ion:162 Resp: 387319

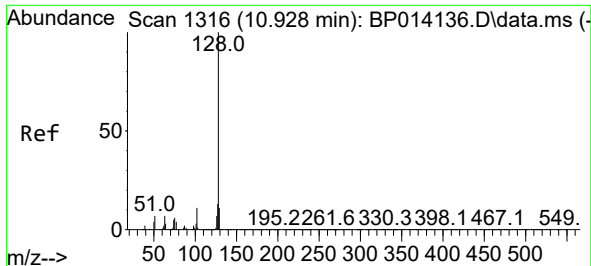
Ion Ratio Lower Upper

162 100

164 65.8 52.0 78.0

98 39.2 29.1 43.7

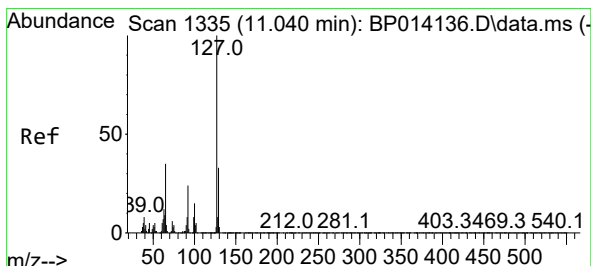
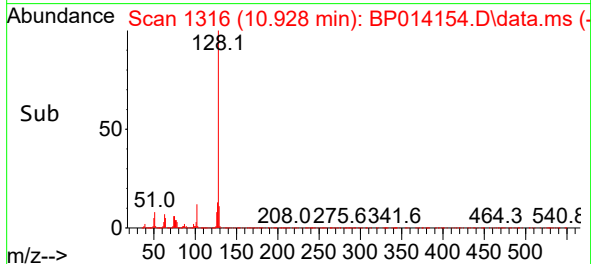
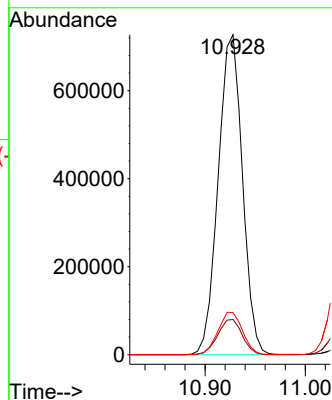
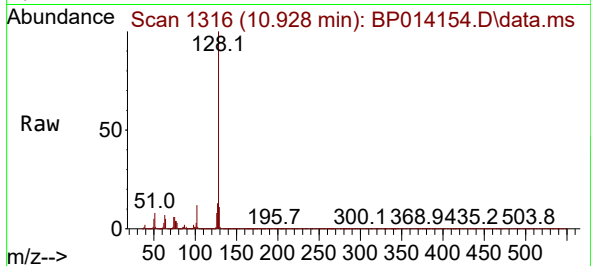




#30
Naphthalene
Concen: 30.699 ng/ul
RT: 10.928 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

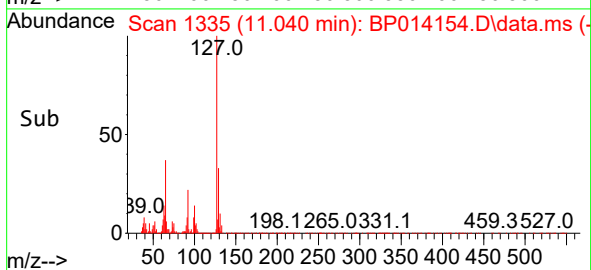
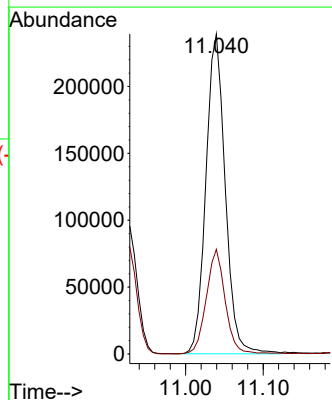
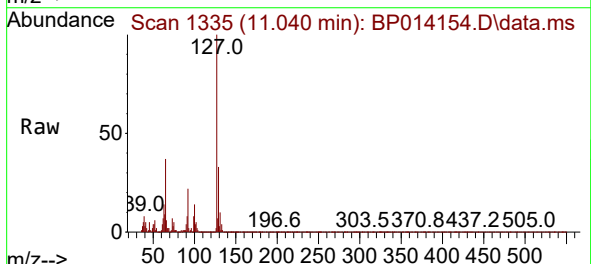
Instrument :
BNA_P
ClientSampleId :
SLCS502

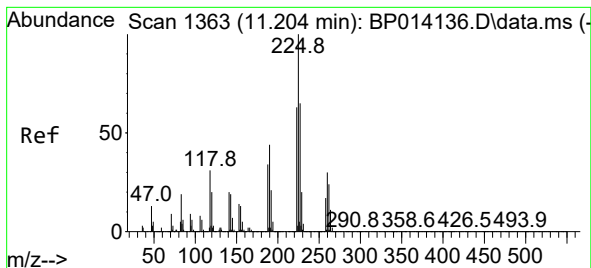
Tgt Ion:128 Resp: 1220189
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.2 11.0 16.4



#32
4-Chloroaniline
Concen: 23.857 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:127 Resp: 413259
Ion Ratio Lower Upper
127 100
129 32.7 24.9 37.3





#33

Hexachlorobutadiene

Concen: 28.793 ng/ul

RT: 11.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

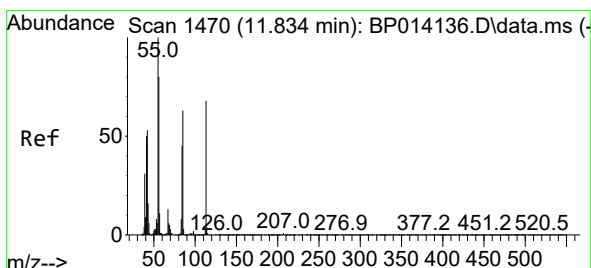
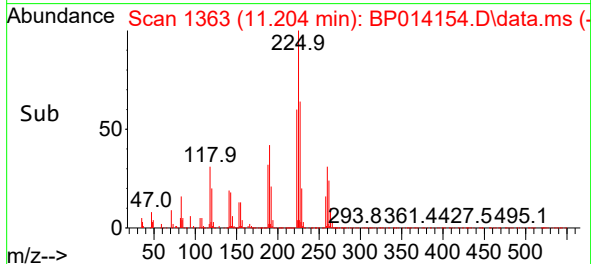
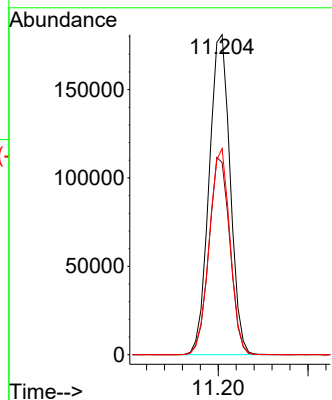
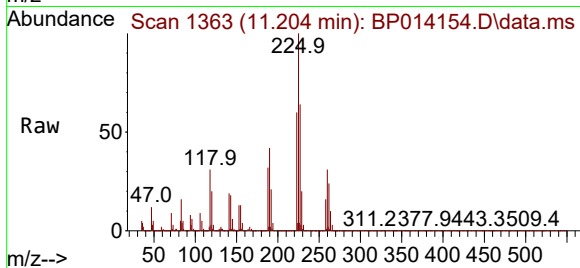
Tgt Ion:225 Resp: 293998

Ion Ratio Lower Upper

225 100

223 60.0 48.0 72.0

227 64.4 50.3 75.5



#34

Caprolactam

Concen: 17.575 ng/ul

RT: 11.834 min Scan# 1470

Delta R.T. -0.000 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

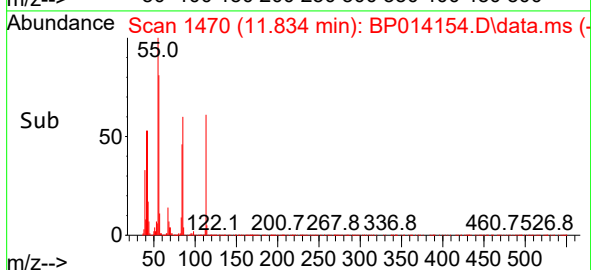
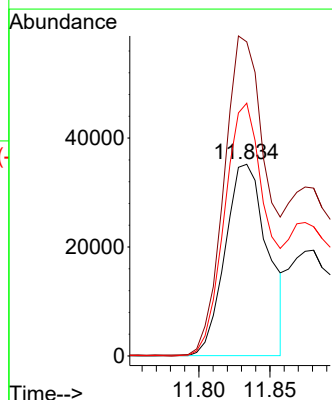
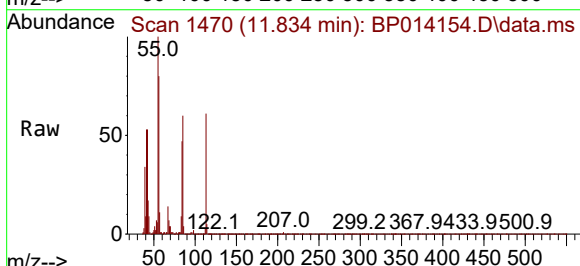
Tgt Ion:113 Resp: 73225

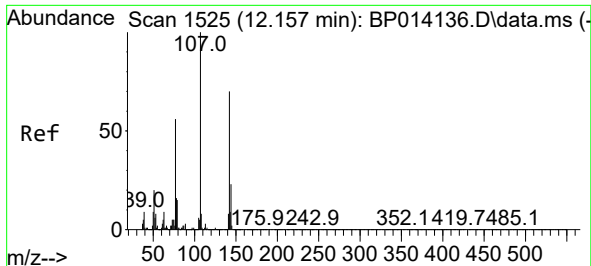
Ion Ratio Lower Upper

113 100

55 163.9 124.0 186.0

56 131.9 102.0 153.0

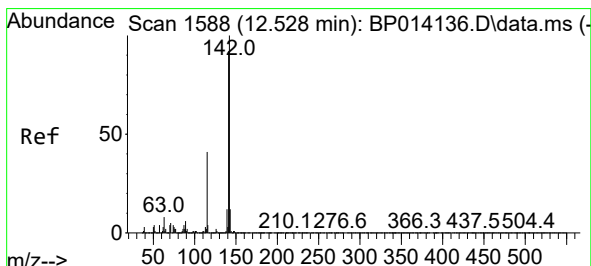
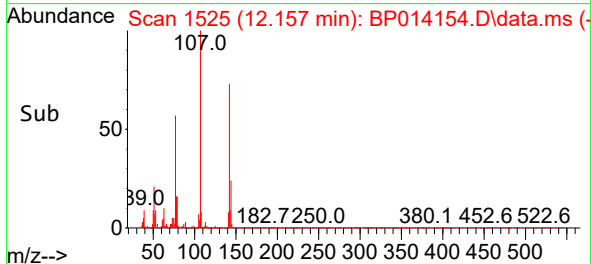
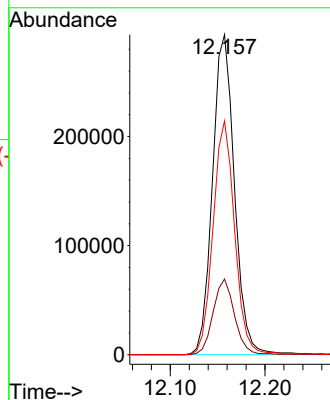
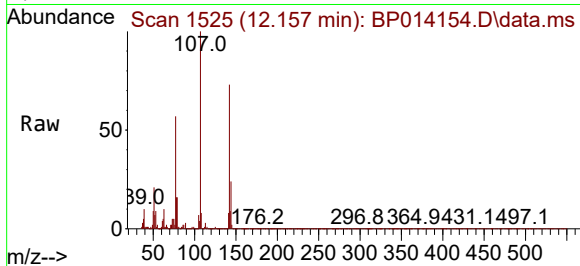




#35
4-Chloro-3-methylphenol
Concen: 31.805 ng/ul
RT: 12.157 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

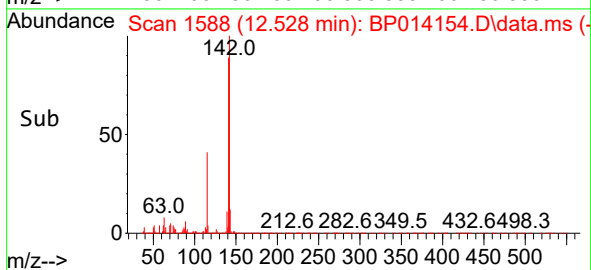
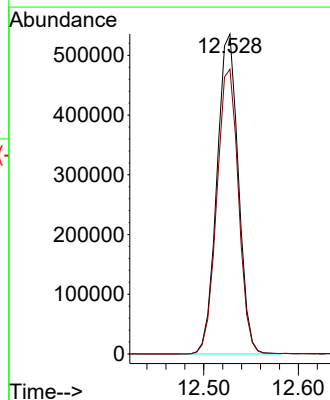
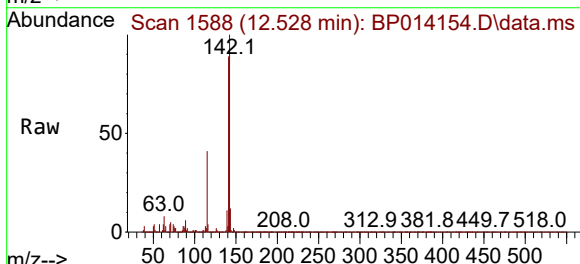
Instrument :
BNA_P
ClientSampleId :
SLCS502

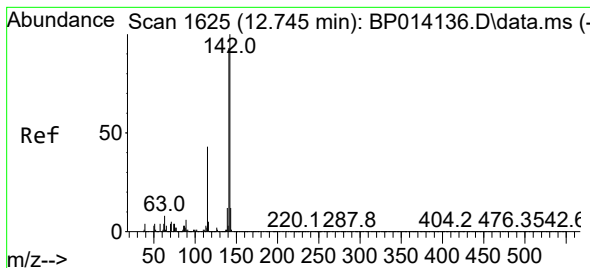
Tgt Ion:107 Resp: 471915
Ion Ratio Lower Upper
107 100
144 23.6 19.4 29.0
142 73.1 59.6 89.4



#36
2-Methylnaphthalene
Concen: 30.269 ng/ul
RT: 12.528 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:142 Resp: 843857
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5





#37

1-Methylnaphthalene

Concen: 30.941 ng/ul

RT: 12.745 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

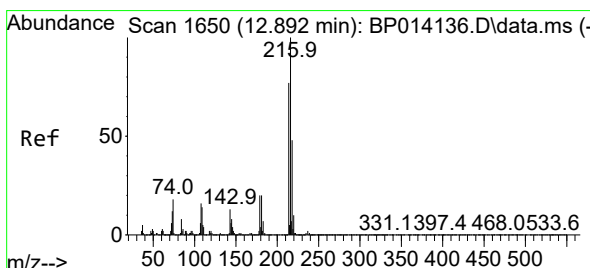
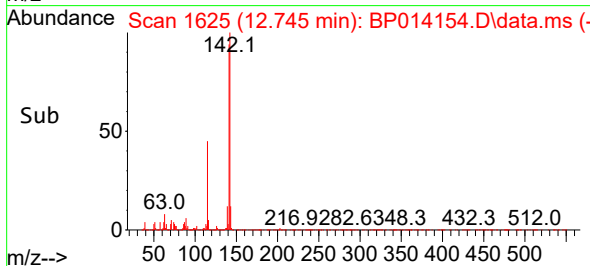
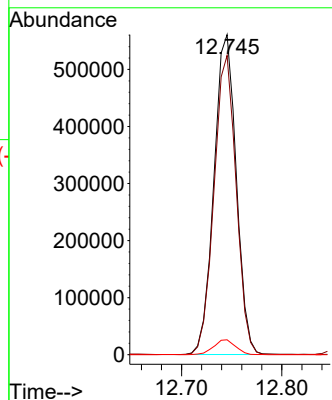
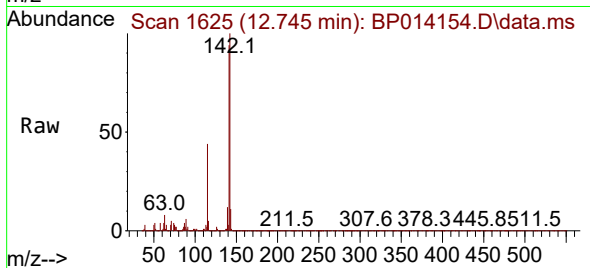
Tgt Ion:142 Resp: 867009

Ion Ratio Lower Upper

142 100

141 93.5 73.8 110.6

116 4.7 3.7 5.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.861 ng/ul

RT: 12.892 min Scan# 1650

Delta R.T. -0.000 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Tgt Ion:216 Resp: 532900

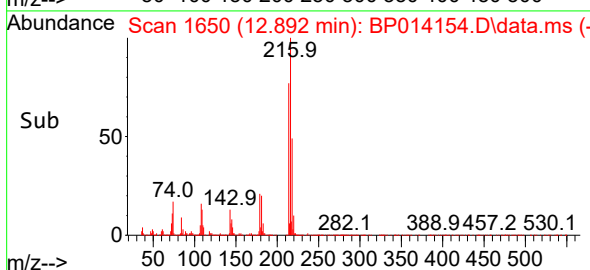
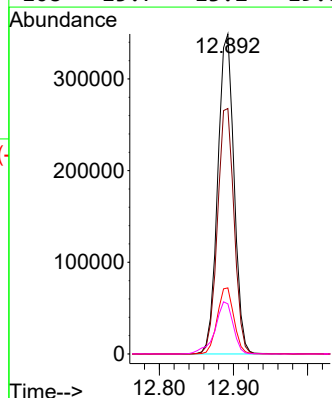
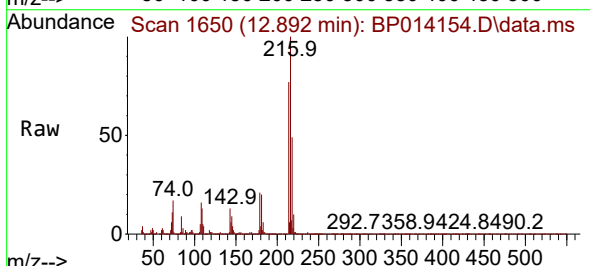
Ion Ratio Lower Upper

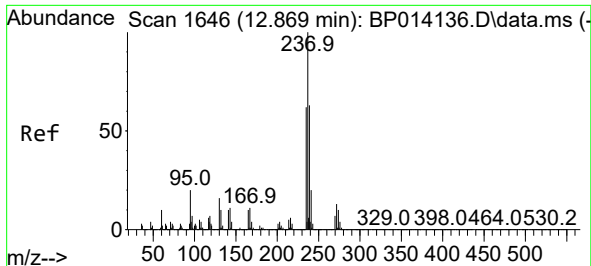
216 100

214 76.7 61.7 92.5

179 20.6 16.2 24.4

108 15.7 13.2 19.8

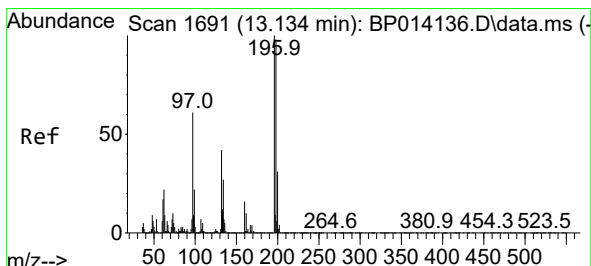
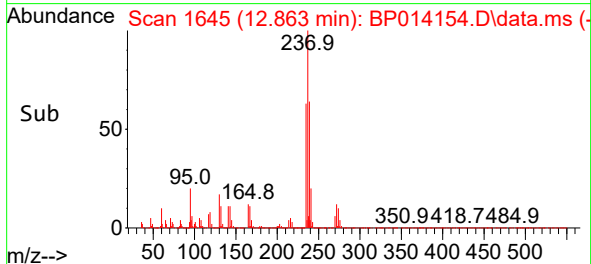
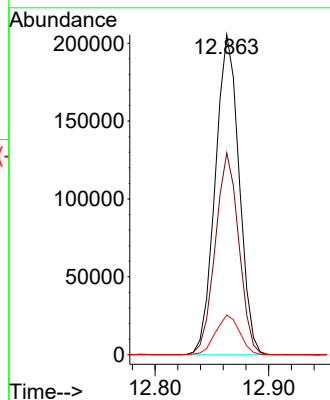
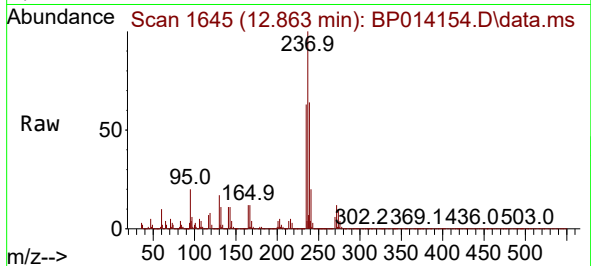




#40
Hexachlorocyclopentadiene
Concen: 23.433 ng/ul
RT: 12.863 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

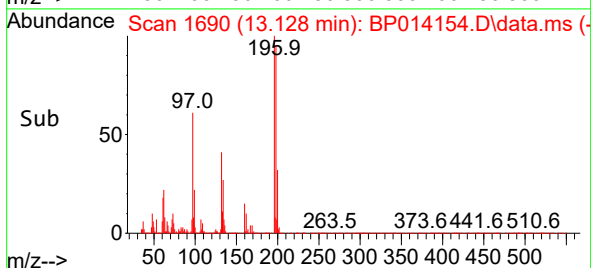
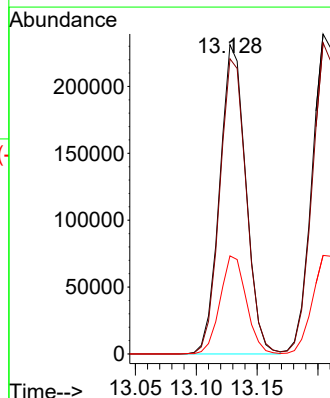
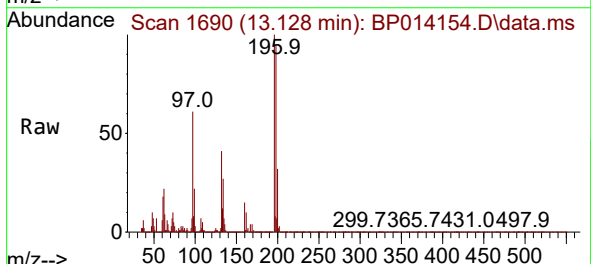
Instrument :
BNA_P
ClientSampleId :
SLCS502

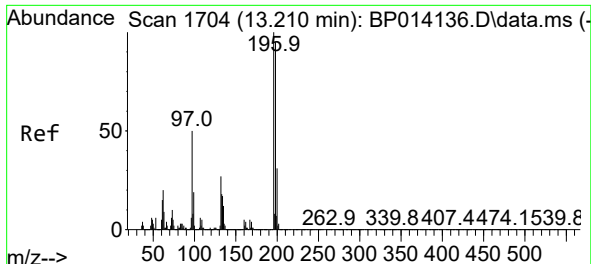
Tgt Ion:237 Resp: 299458
Ion Ratio Lower Upper
237 100
235 63.1 49.0 73.6
272 12.4 9.6 14.4



#41
2,4,6-Trichlorophenol
Concen: 30.874 ng/ul
RT: 13.128 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:196 Resp: 346120
Ion Ratio Lower Upper
196 100
198 95.4 78.5 117.7
200 31.7 25.4 38.0

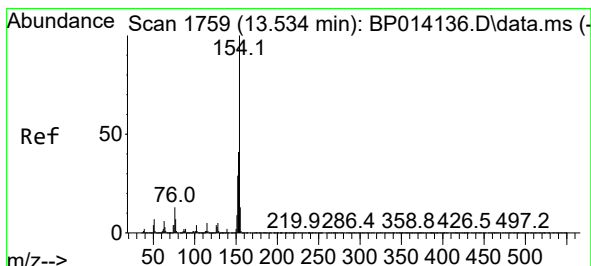
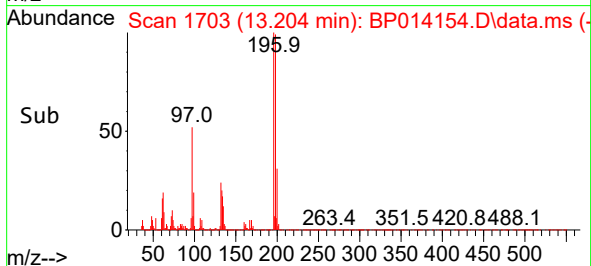
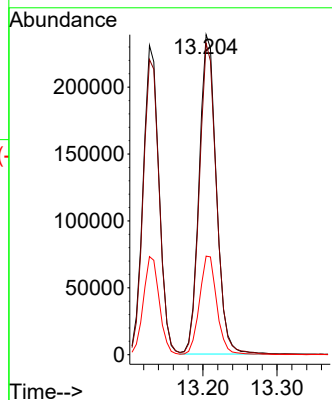
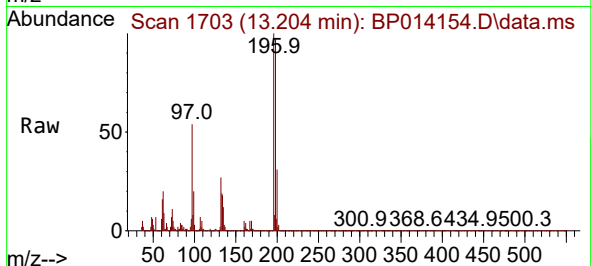




#42
2,4,5-Trichlorophenol
Concen: 31.228 ng/ul
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

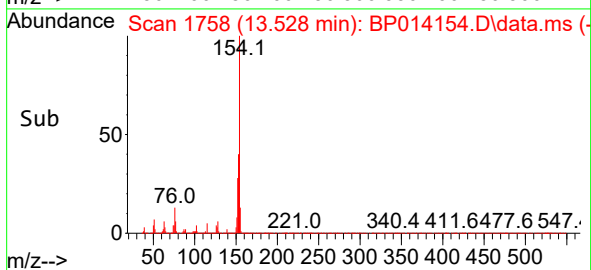
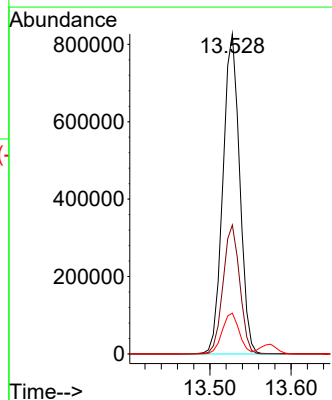
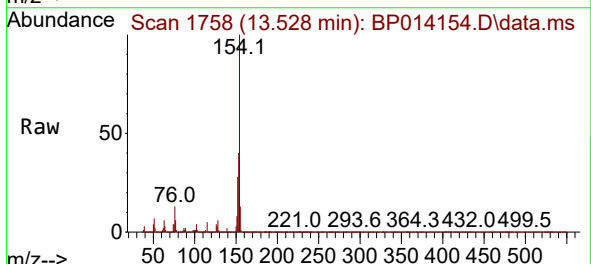
Instrument :
BNA_P
ClientSampleId :
SLCS502

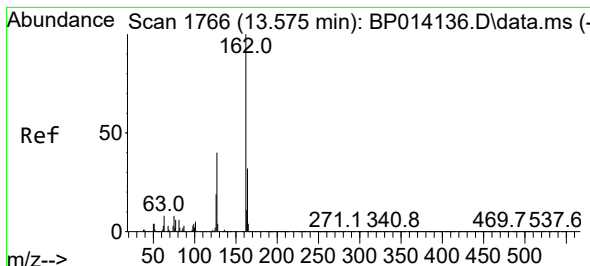
Tgt Ion:196 Resp: 384207
Ion Ratio Lower Upper
196 100
198 97.3 77.6 116.4
200 30.8 25.3 37.9



#43
1,1'-Biphenyl
Concen: 31.287 ng/ul
RT: 13.528 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:154 Resp: 1188733
Ion Ratio Lower Upper
154 100
153 40.3 32.6 49.0
76 12.8 9.4 14.0





#44

2-Chloronaphthalene

Concen: 31.633 ng/ul

RT: 13.575 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

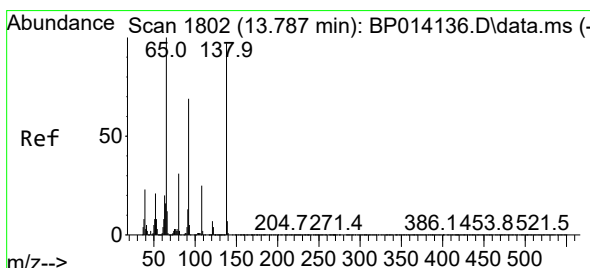
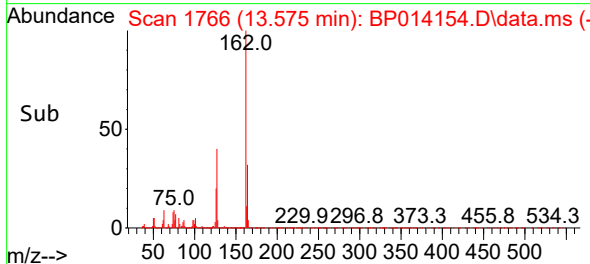
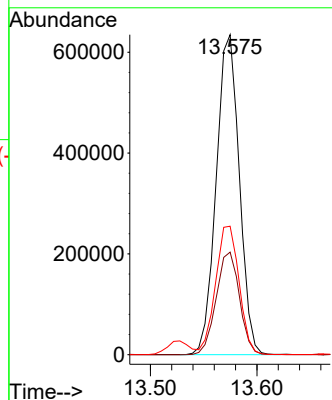
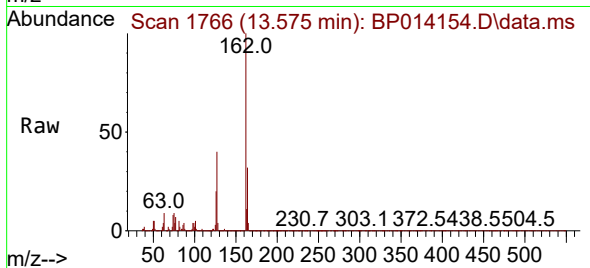
Tgt Ion:162 Resp: 954552

Ion Ratio Lower Upper

162 100

164 32.1 26.0 39.0

127 40.2 31.3 46.9



#45

2-Nitroaniline

Concen: 36.183 ng/ul

RT: 13.781 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

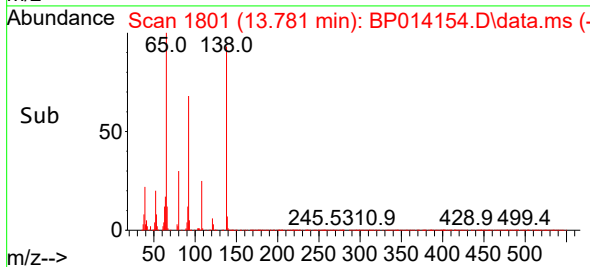
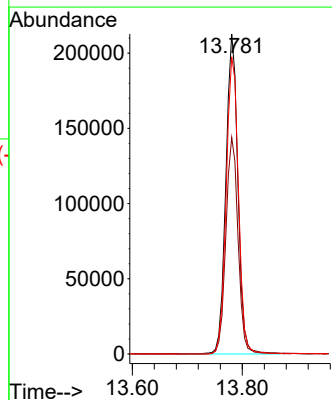
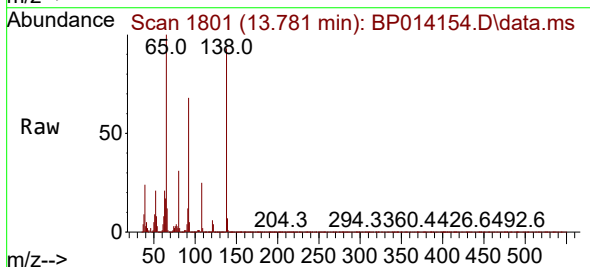
Tgt Ion: 65 Resp: 322932

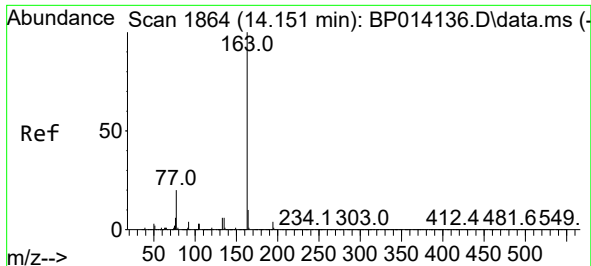
Ion Ratio Lower Upper

65 100

92 67.7 56.3 84.5

138 92.8 81.4 122.2

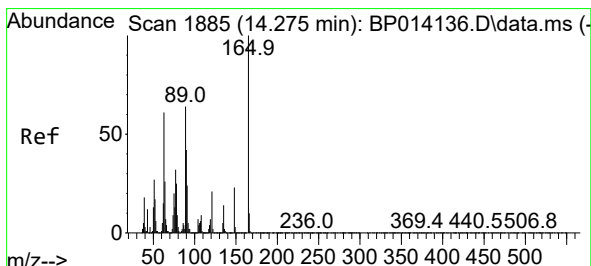
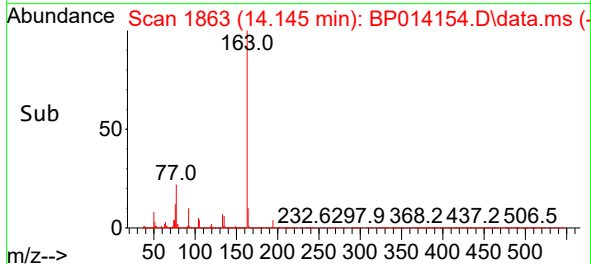
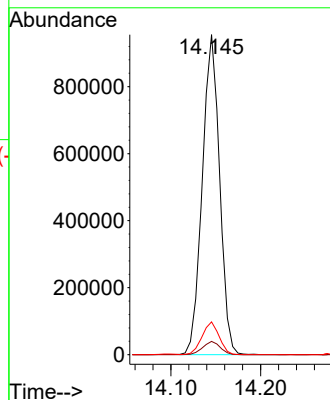
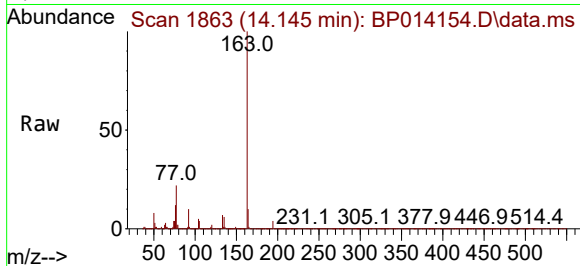




#47
Dimethylphthalate
Concen: 30.841 ng/ul
RT: 14.145 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

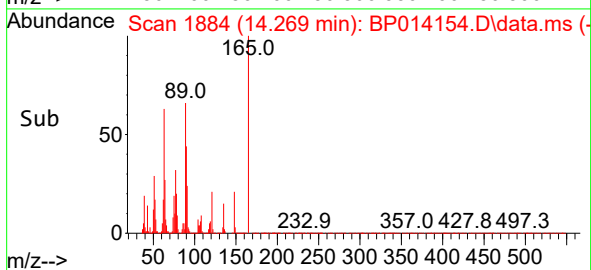
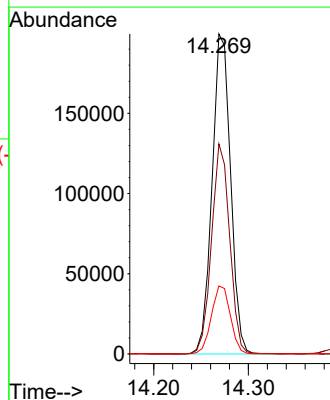
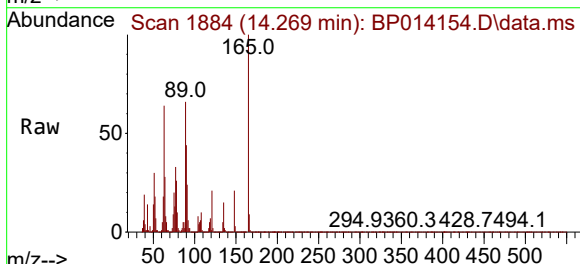
Instrument :
BNA_P
ClientSampleId :
SLCS502

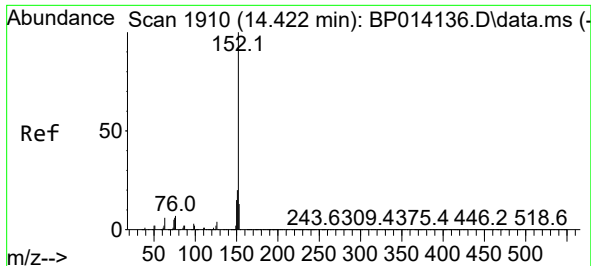
Tgt Ion:163 Resp: 1278543
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 33.082 ng/ul
RT: 14.269 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:165 Resp: 271141
Ion Ratio Lower Upper
165 100
89 65.7 51.7 77.5
121 21.3 17.5 26.3

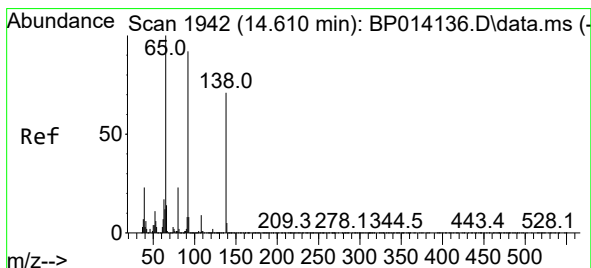
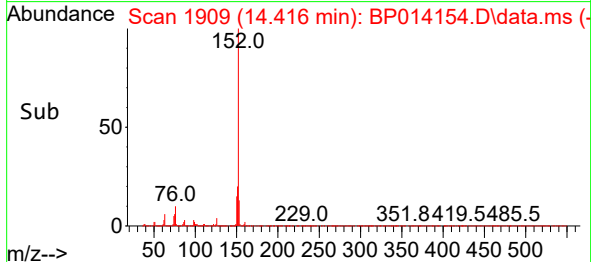
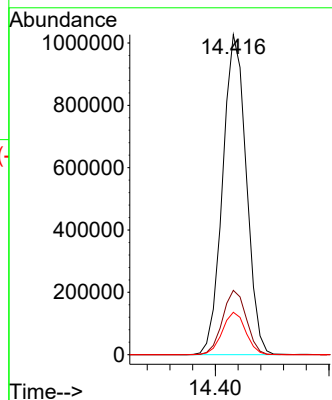
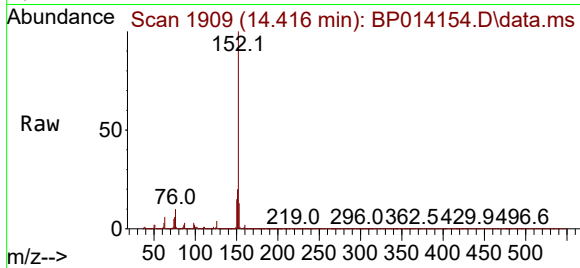




#50
Acenaphthylene
Concen: 31.899 ng/ul
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

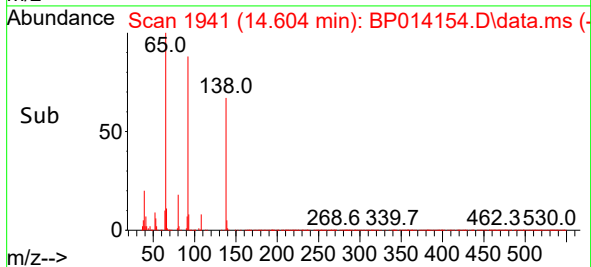
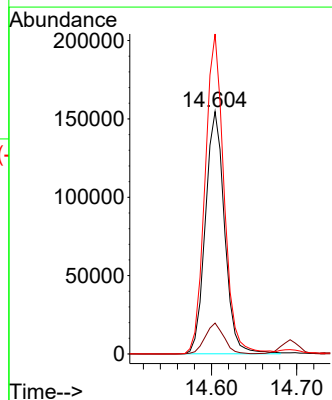
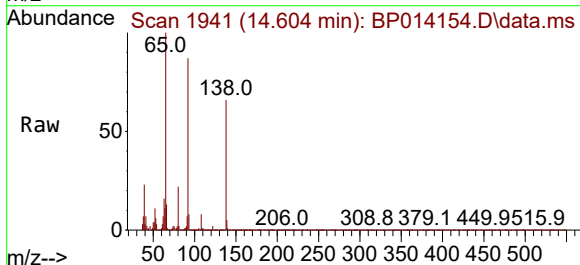
Instrument :
BNA_P
ClientSampleId :
SLCS502

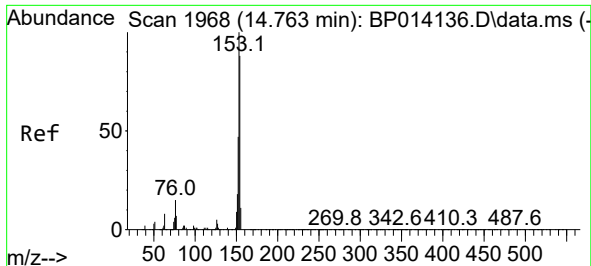
Tgt Ion:152 Resp: 1485256
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.4 15.6



#51
3-Nitroaniline
Concen: 33.277 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:138 Resp: 241488
Ion Ratio Lower Upper
138 100
108 12.7 10.5 15.7
92 132.0 98.5 147.7

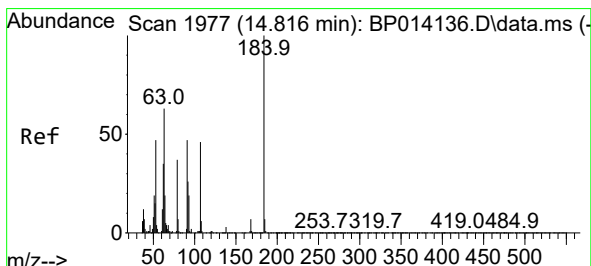
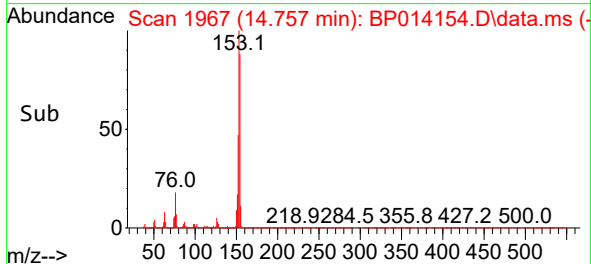
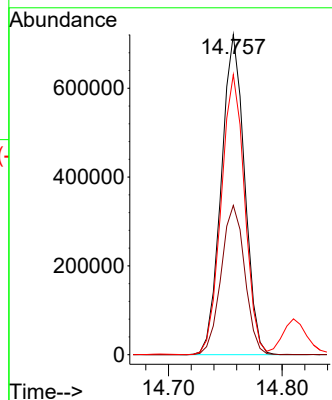
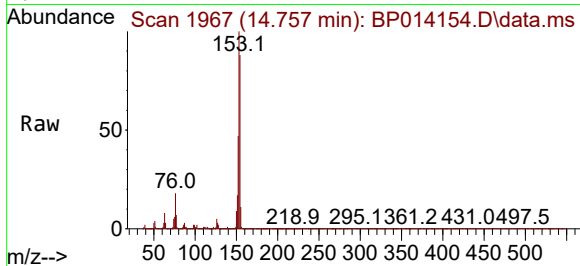




#52
Acenaphthene
Concen: 31.505 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

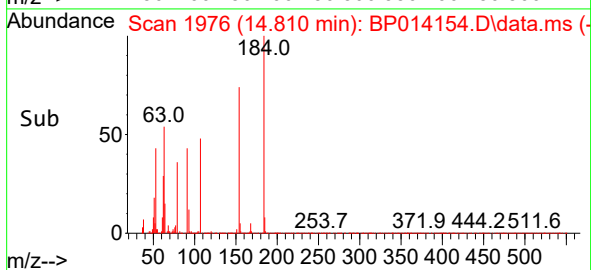
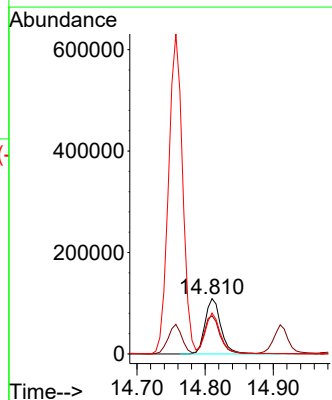
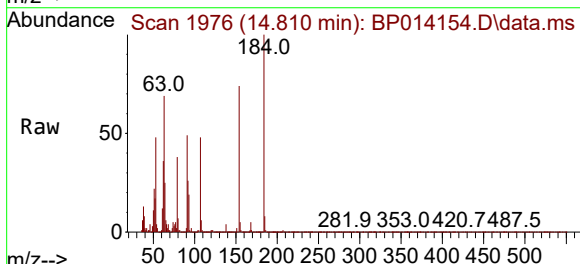
Instrument :
BNA_P
ClientSampleId :
SLCS502

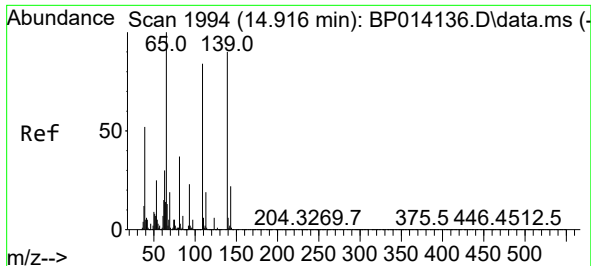
Tgt Ion:153 Resp: 1025519
Ion Ratio Lower Upper
153 100
152 46.7 37.7 56.5
154 87.5 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 28.979 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:184 Resp: 177371
Ion Ratio Lower Upper
184 100
63 69.0 51.9 77.9
154 74.0 58.8 88.2

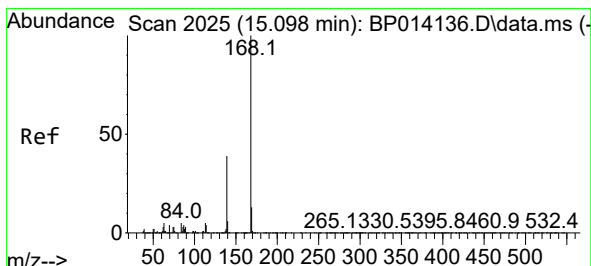
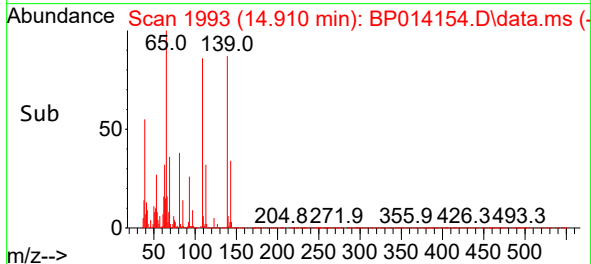
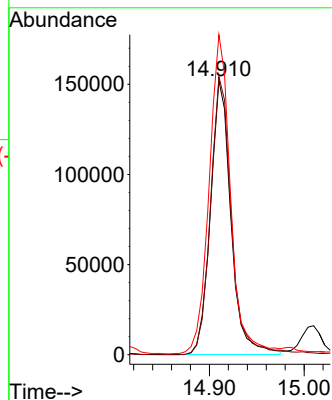
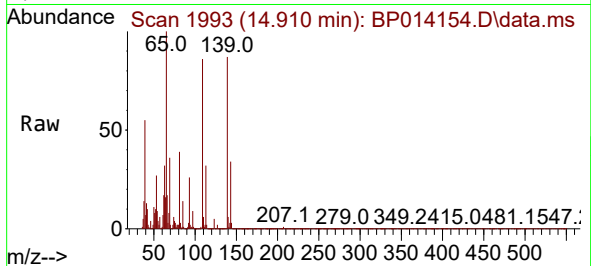




#55
4-Nitrophenol
Concen: 28.555 ng/ul
RT: 14.910 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

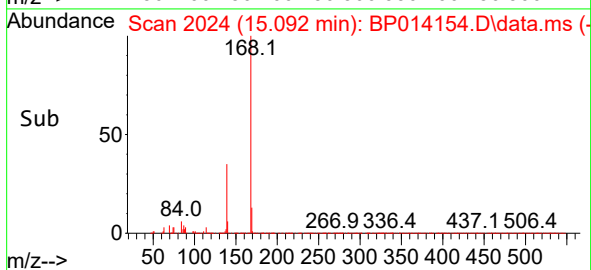
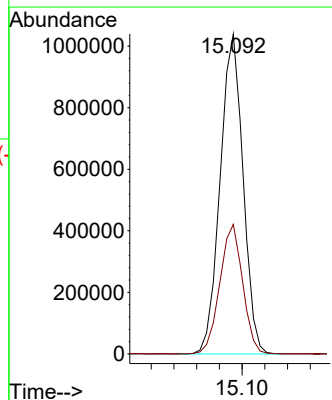
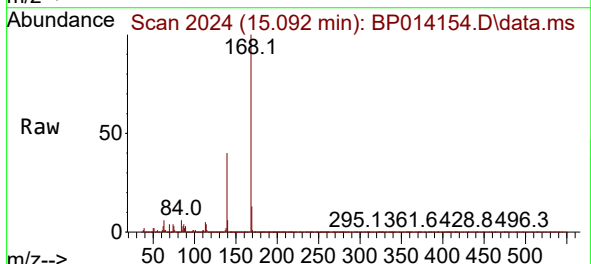
Instrument :
BNA_P
ClientSampleId :
SLCS502

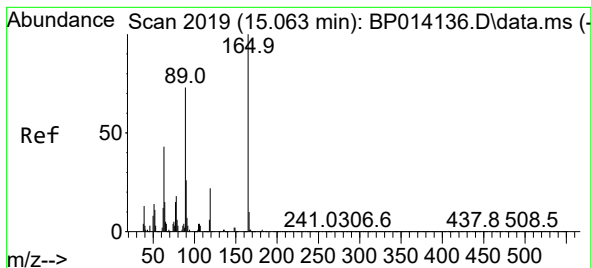
Tgt Ion:109 Resp: 227657
Ion Ratio Lower Upper
109 100
139 101.5 74.5 111.7
65 116.8 86.6 130.0



#56
Dibenzofuran
Concen: 30.662 ng/ul
RT: 15.092 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:168 Resp: 1451997
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.6





#57

2,4-Dinitrotoluene

Concen: 32.409 ng/ul

RT: 15.057 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

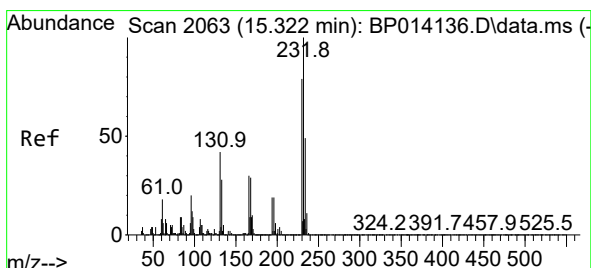
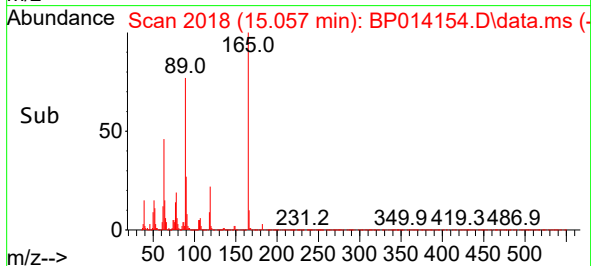
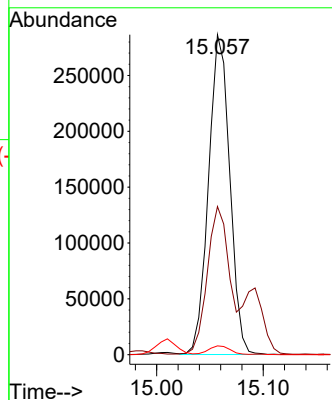
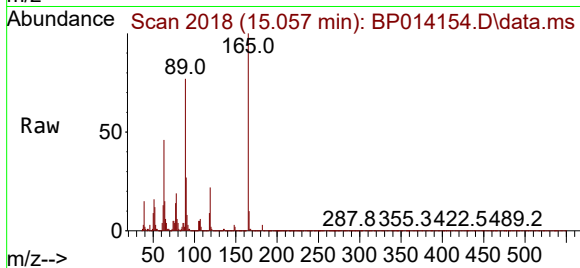
Tgt Ion:165 Resp: 396874

Ion Ratio Lower Upper

165 100

63 46.3 34.6 52.0

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.821 ng/ul

RT: 15.316 min Scan# 2062

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Tgt Ion:232 Resp: 351009

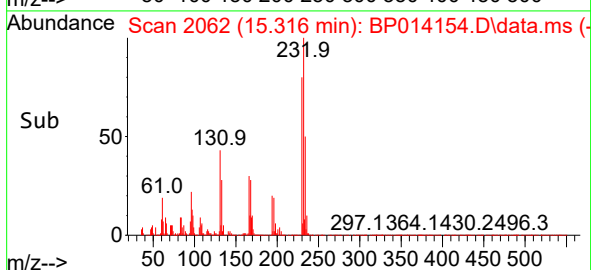
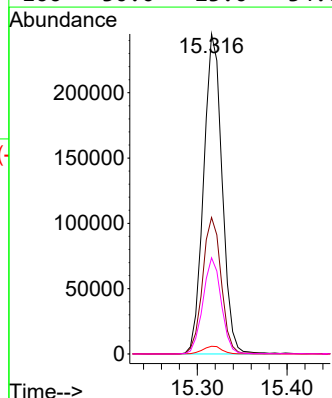
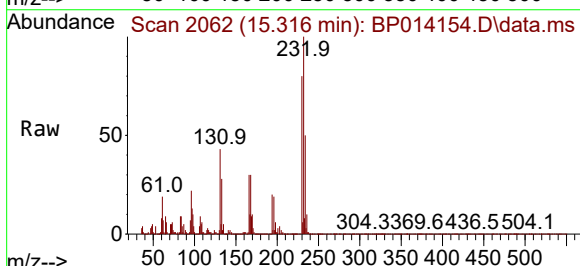
Ion Ratio Lower Upper

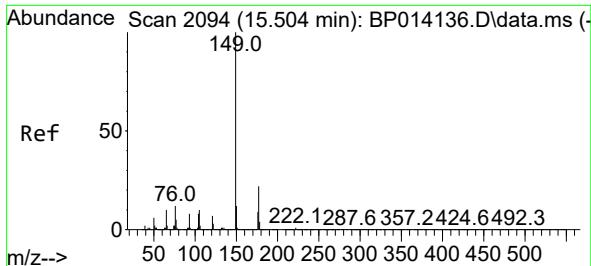
232 100

131 42.7 34.1 51.1

130 2.4 2.1 3.1

166 30.0 23.0 34.6

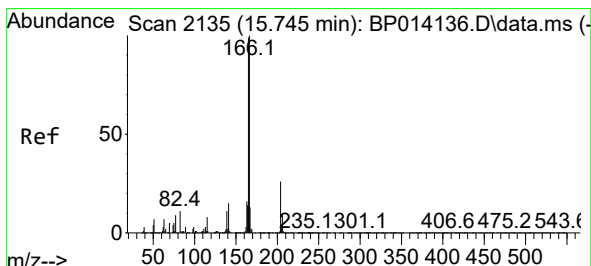
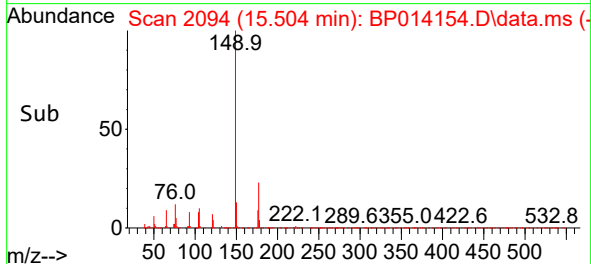
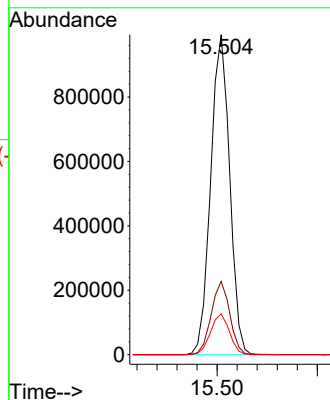
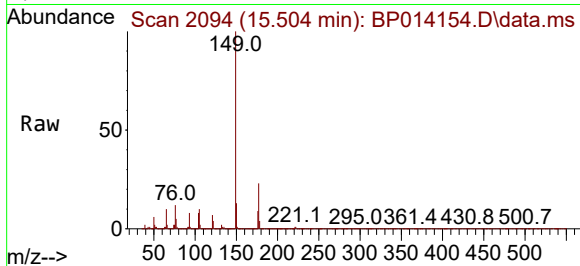




#59
Diethylphthalate
Concen: 31.053 ng/ul
RT: 15.504 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

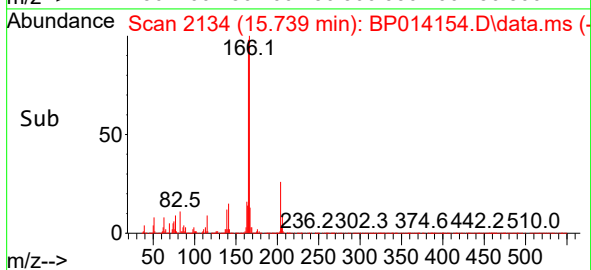
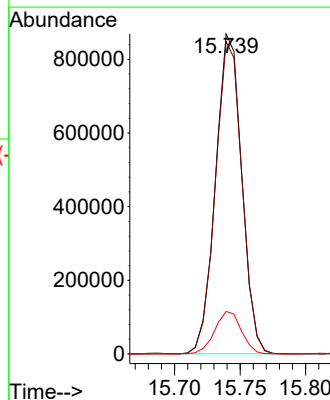
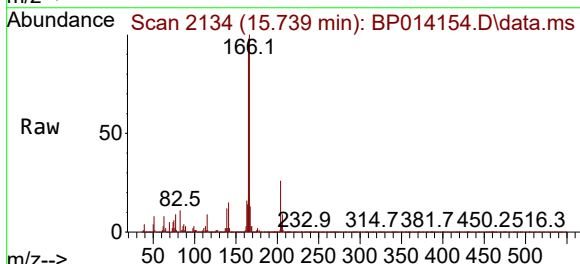
Instrument :
BNA_P
ClientSampleId :
SLCS502

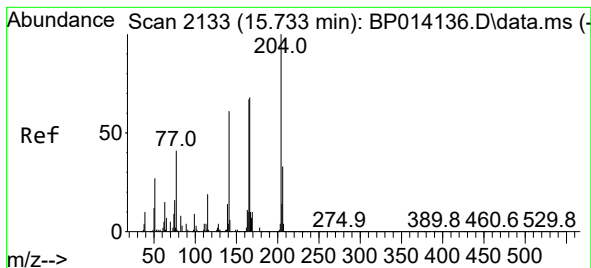
Tgt Ion:149 Resp: 1305689
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.7 10.0 15.0



#61
Fluorene
Concen: 30.692 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:166 Resp: 1204774
Ion Ratio Lower Upper
166 100
165 97.6 78.9 118.3
167 13.3 11.0 16.6

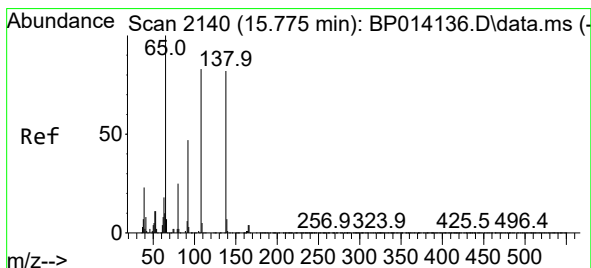
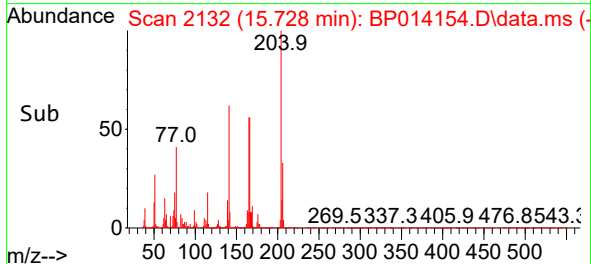
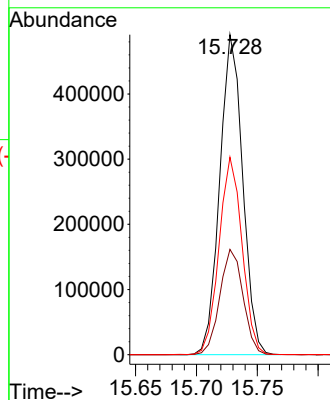
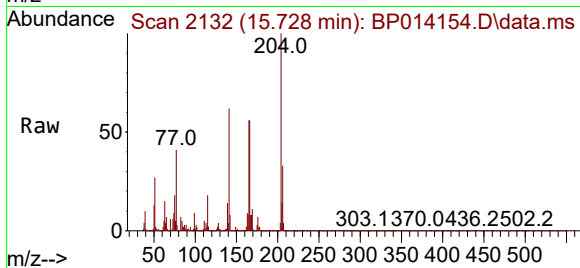




#62
4-Chlorophenyl-phenylether
Concen: 29.737 ng/ul
RT: 15.728 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

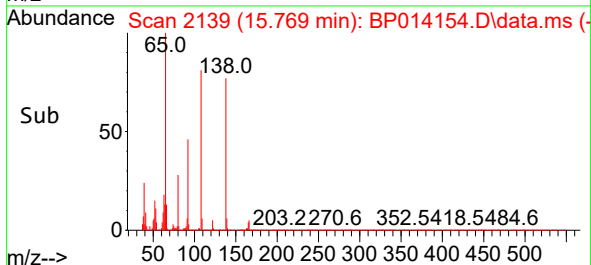
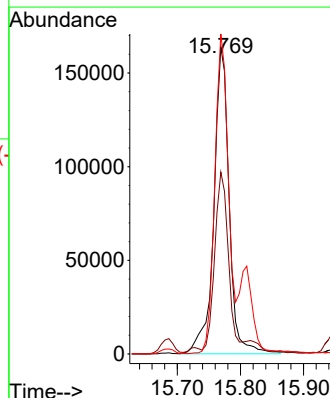
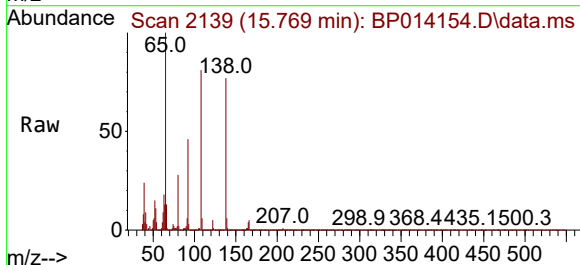
Instrument :
BNA_P
ClientSampleId :
SLCS502

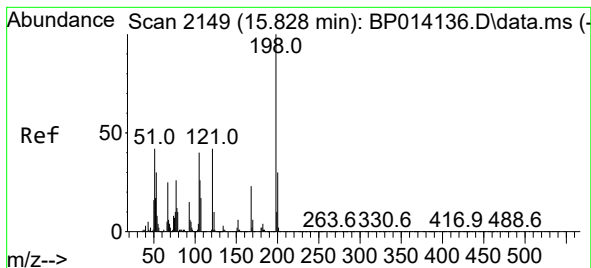
Tgt Ion:204 Resp: 644266
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 61.7 49.2 73.8



#63
4-Nitroaniline
Concen: 37.005 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:138 Resp: 276035
Ion Ratio Lower Upper
138 100
92 59.4 44.5 66.7
108 104.4 87.2 130.8

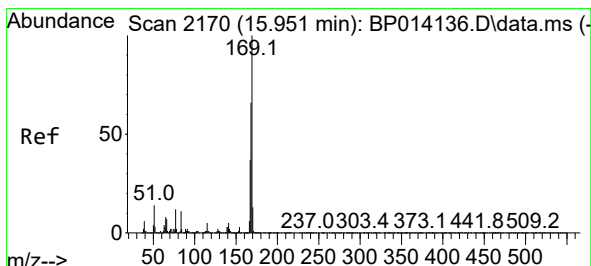
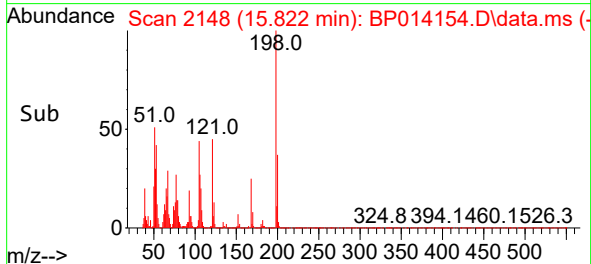
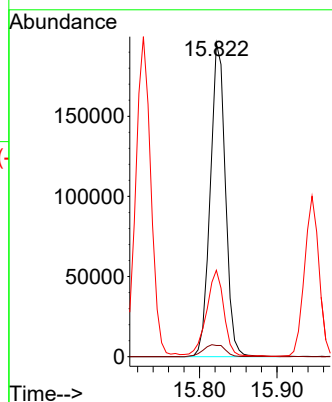
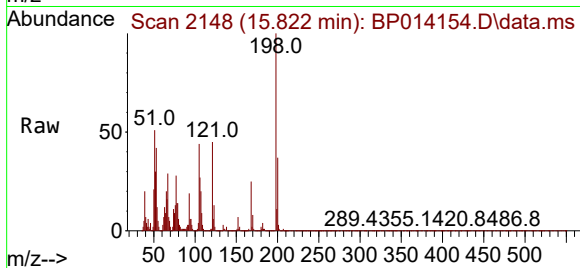




#66
4,6-Dinitro-2-methylphenol
Concen: 31.955 ng/ul
RT: 15.822 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

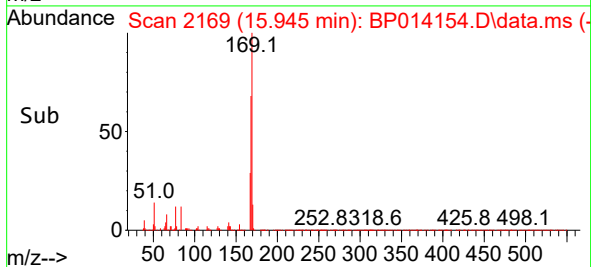
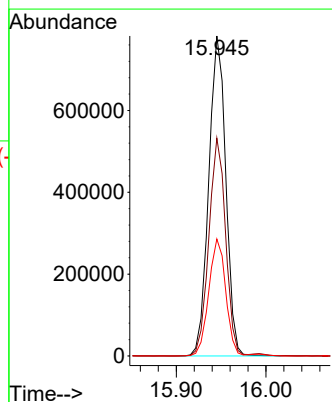
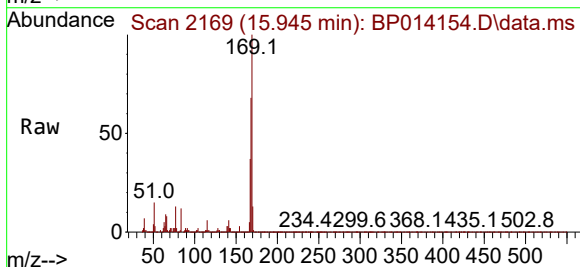
Instrument :
BNA_P
ClientSampleId :
SLCS502

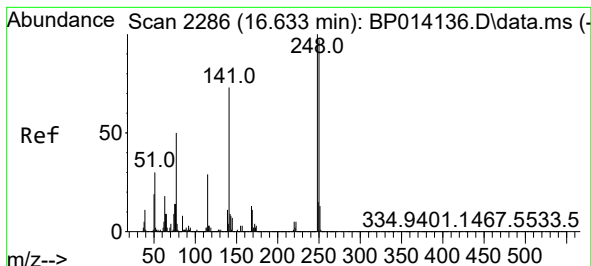
Tgt Ion:198 Resp: 265440
Ion Ratio Lower Upper
198 100
182 3.6 3.0 4.6
77 27.6 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 31.733 ng/ul
RT: 15.945 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:169 Resp: 1032445
Ion Ratio Lower Upper
169 100
168 68.1 53.7 80.5
167 36.6 28.6 43.0





#68

4-Bromophenyl-phenylether

Concen: 30.442 ng/ul

RT: 16.628 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

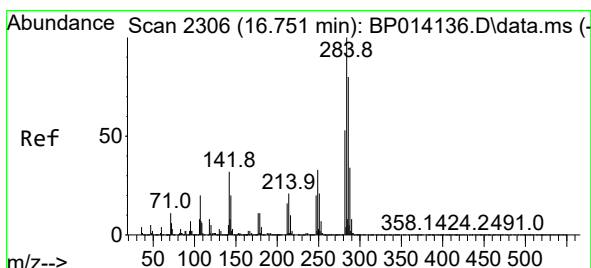
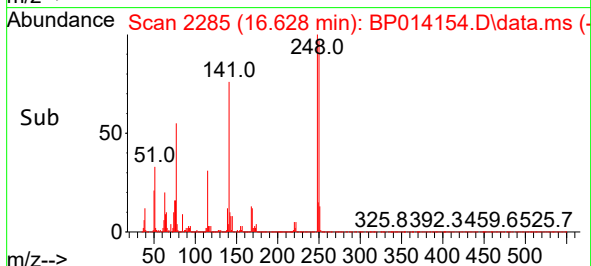
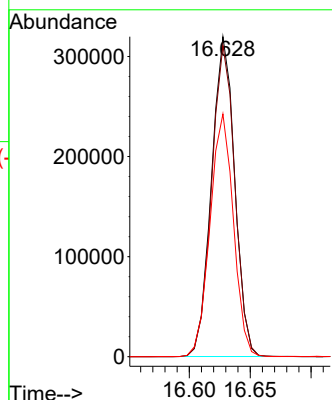
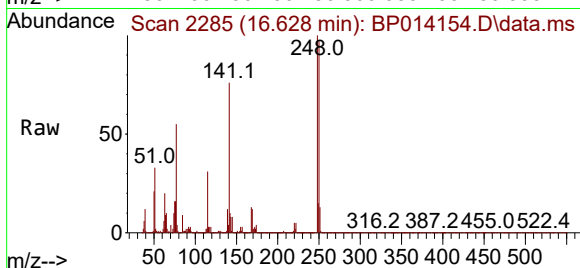
Tgt Ion:248 Resp: 423957

Ion Ratio Lower Upper

248 100

250 97.3 78.8 118.2

141 75.8 60.8 91.2



#69

Hexachlorobenzene

Concen: 30.233 ng/ul

RT: 16.745 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

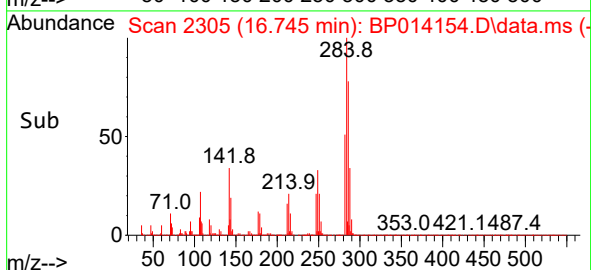
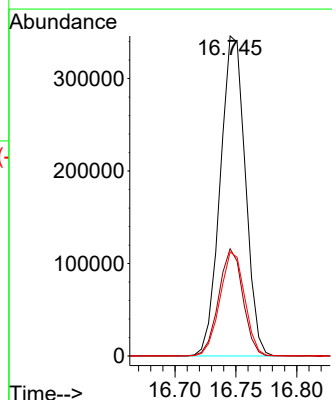
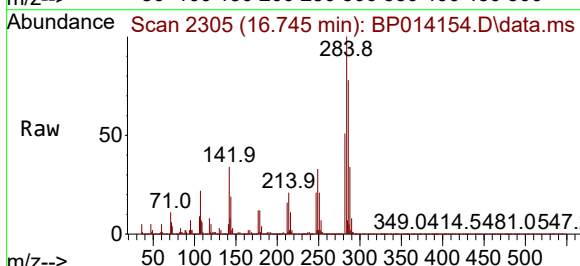
Tgt Ion:284 Resp: 496160

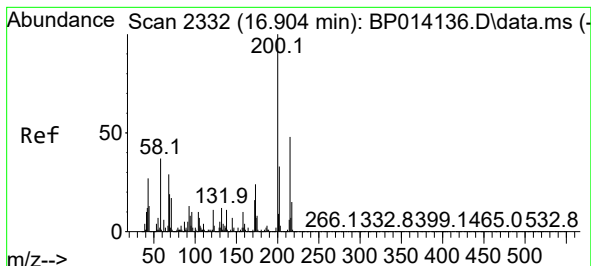
Ion Ratio Lower Upper

284 100

142 33.5 23.2 34.8

249 32.5 25.7 38.5





#70

Atrazine

Concen: 19.781 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

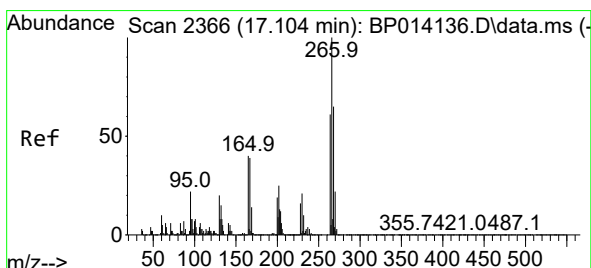
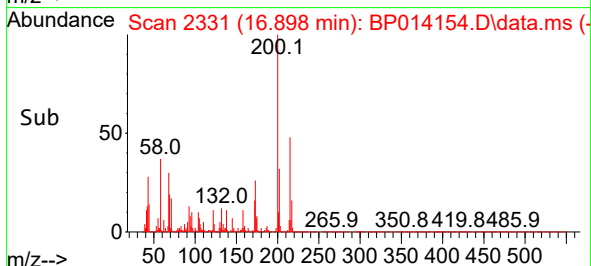
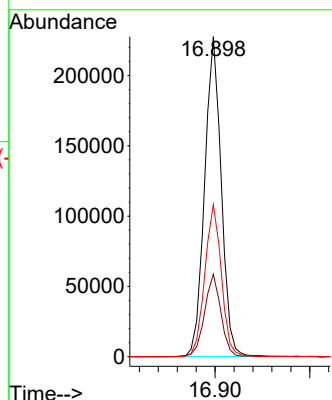
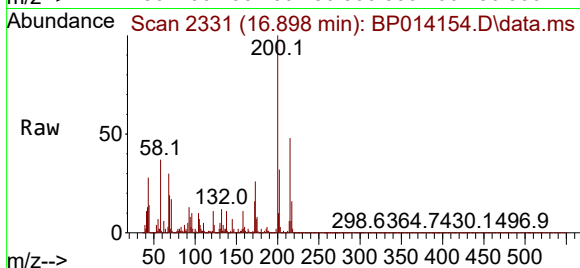
Tgt Ion:200 Resp: 277580

Ion Ratio Lower Upper

200 100

173 25.8 19.0 28.4

215 47.5 38.5 57.7



#71

Pentachlorophenol

Concen: 27.875 ng/ul

RT: 17.098 min Scan# 2365

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

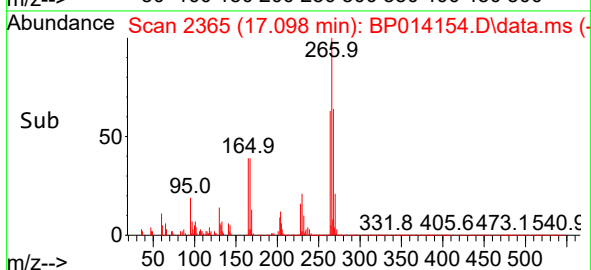
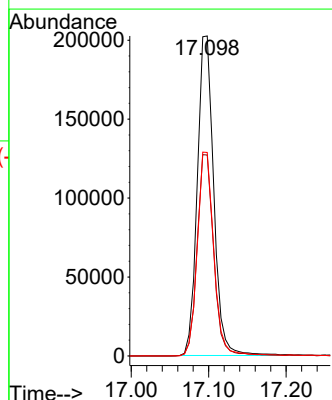
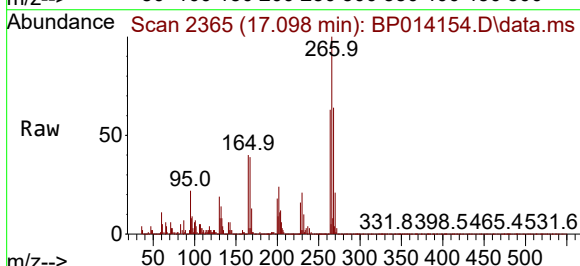
Tgt Ion:266 Resp: 299018

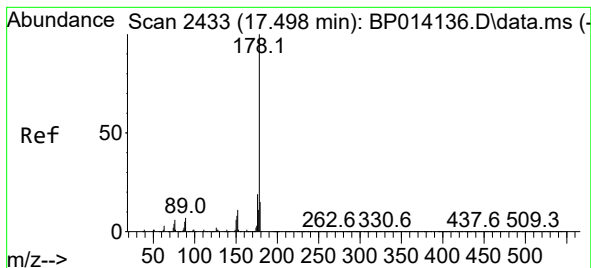
Ion Ratio Lower Upper

266 100

264 62.8 48.4 72.6

268 63.6 50.4 75.6





#72

Phenanthrene

Concen: 31.420 ng/ul

RT: 17.492 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

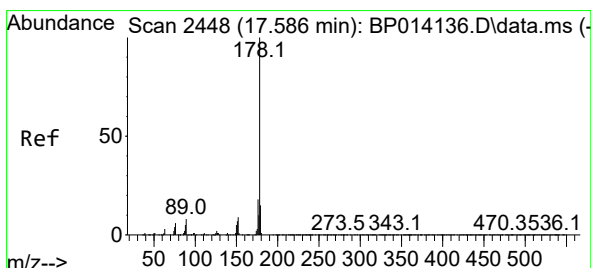
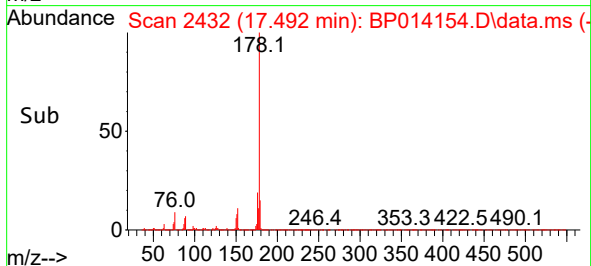
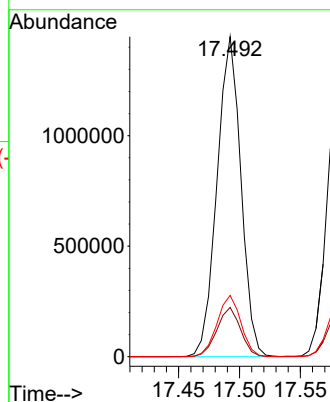
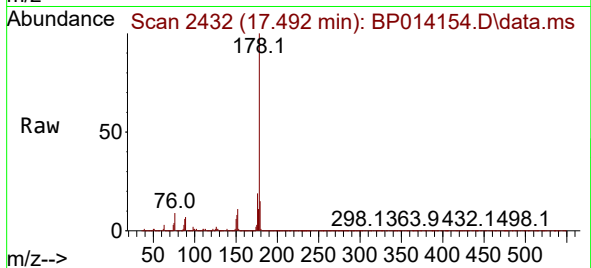
Tgt Ion:178 Resp: 1974206

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.1 15.4 23.0



#74

Anthracene

Concen: 31.061 ng/ul

RT: 17.580 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

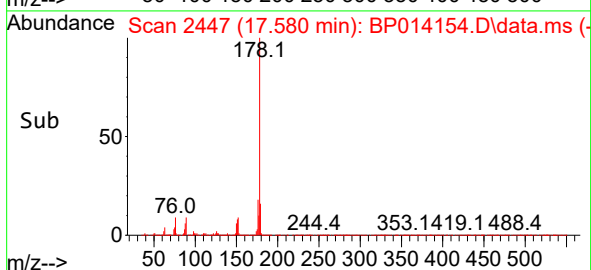
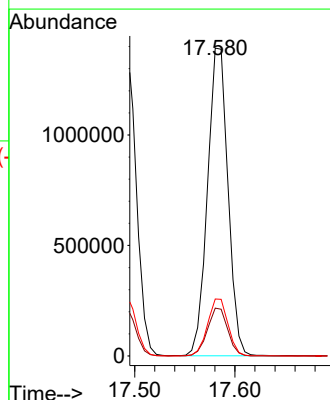
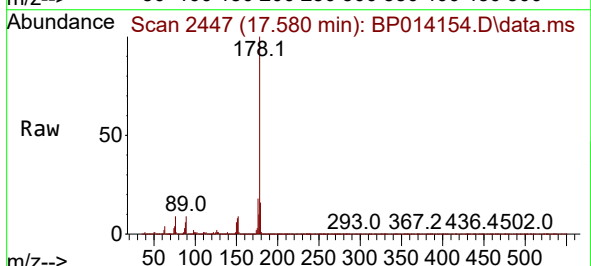
Tgt Ion:178 Resp: 1978825

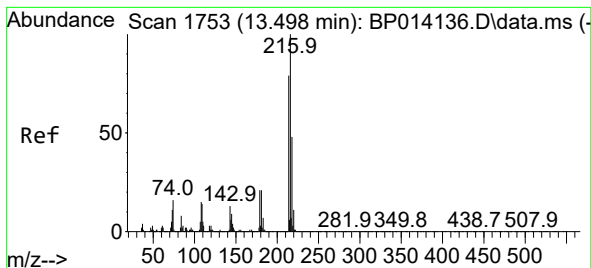
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.5 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.994 ng/uL

RT: 13.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

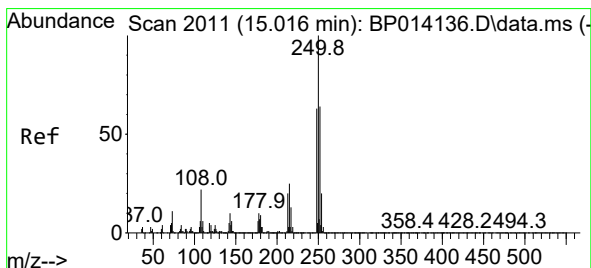
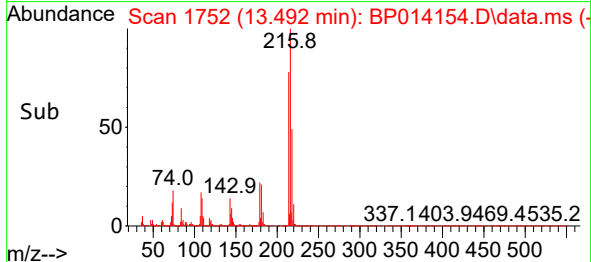
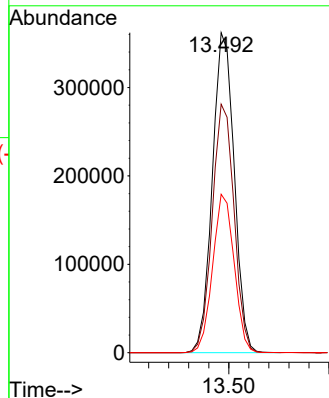
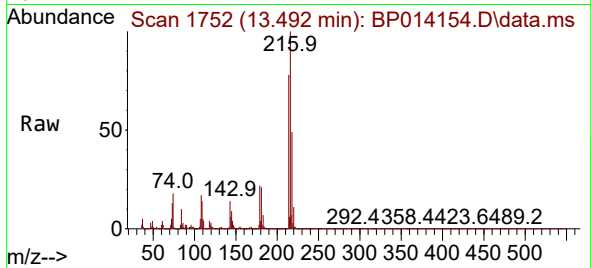
Tgt Ion:216 Resp: 547958

Ion Ratio Lower Upper

216 100

214 77.6 61.4 92.2

218 49.5 39.1 58.7



#76

Pentachlorobenzene

Concen: 30.275 ng/uL

RT: 15.010 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

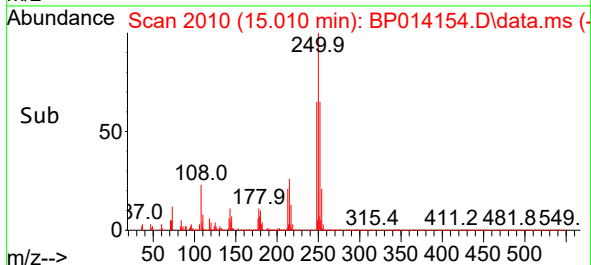
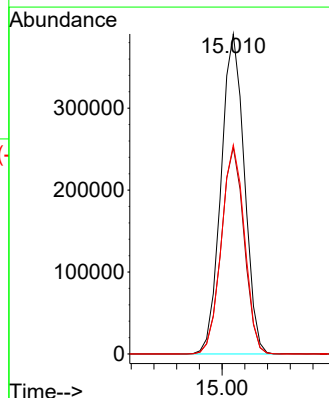
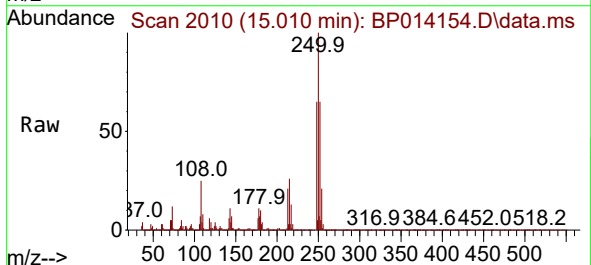
Tgt Ion:250 Resp: 556013

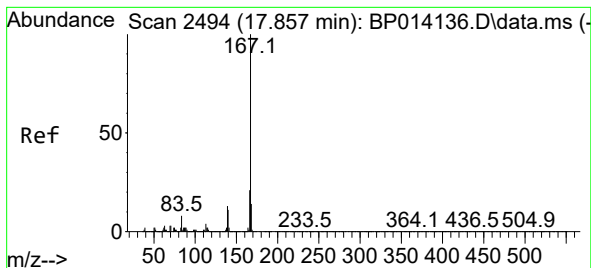
Ion Ratio Lower Upper

250 100

248 64.6 51.0 76.4

252 65.4 50.8 76.2





#77

Carbazole

Concen: 32.077 ng/ul

RT: 17.851 min Scan# 2494

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

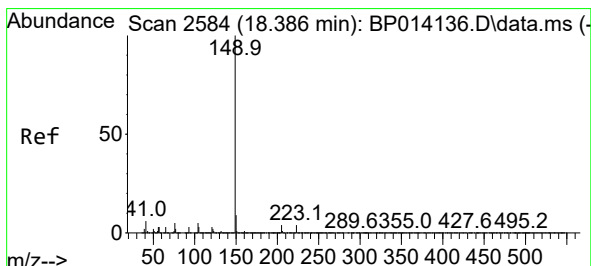
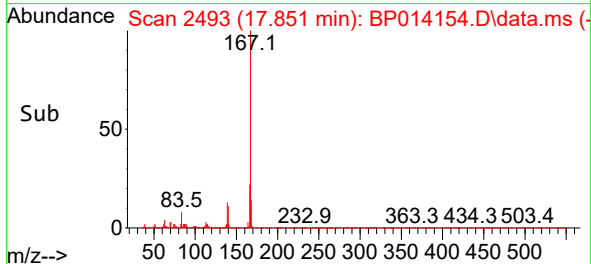
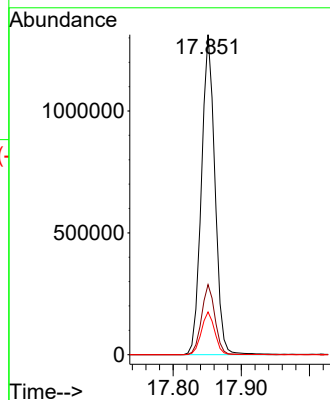
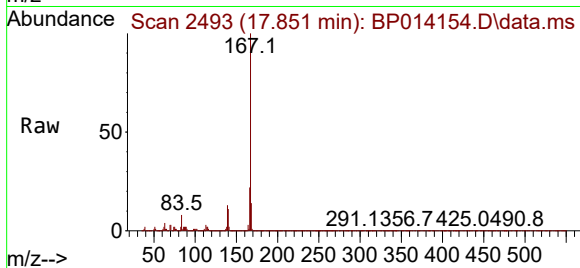
Tgt Ion:167 Resp: 1802539

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.4 10.5 15.7



#78

Di-n-butylphthalate

Concen: 33.481 ng/ul

RT: 18.380 min Scan# 2583

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

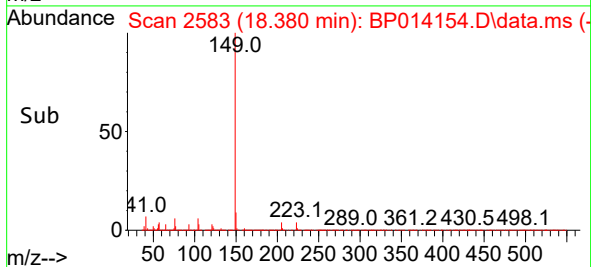
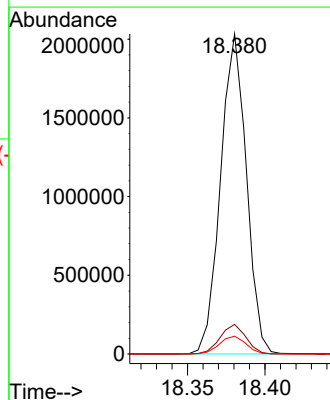
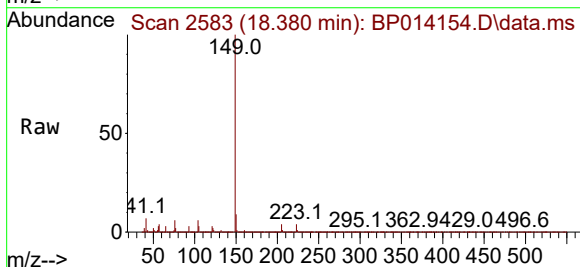
Tgt Ion:149 Resp: 2351369

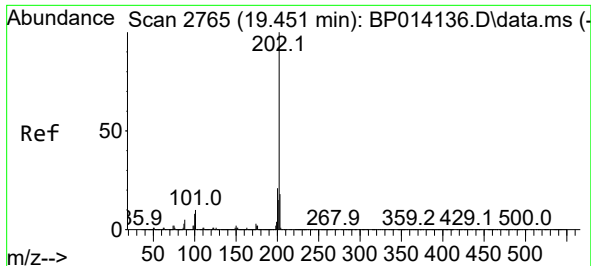
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.5 4.6 6.8

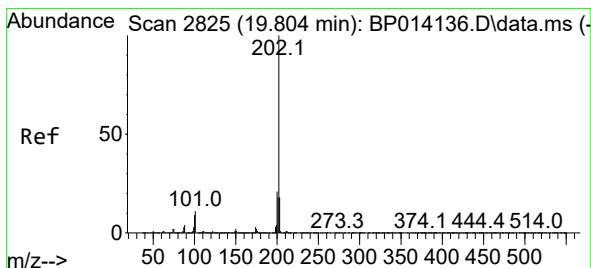
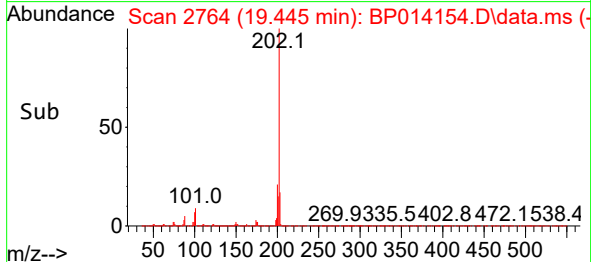
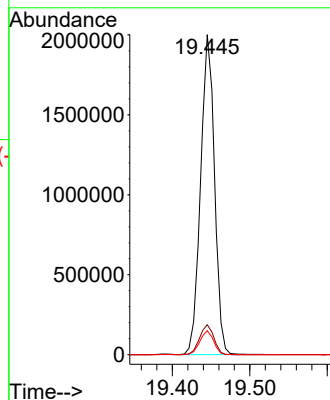
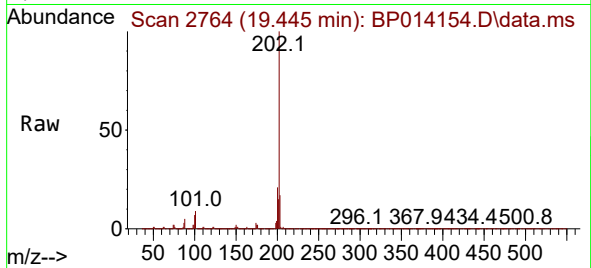




#80
Fluoranthene
Concen: 32.704 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

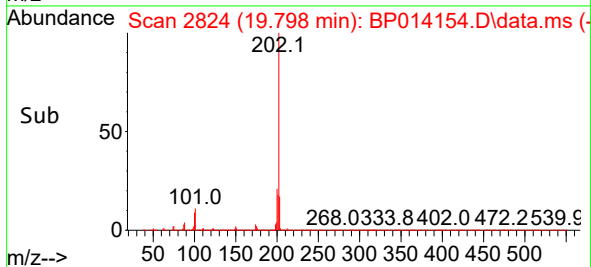
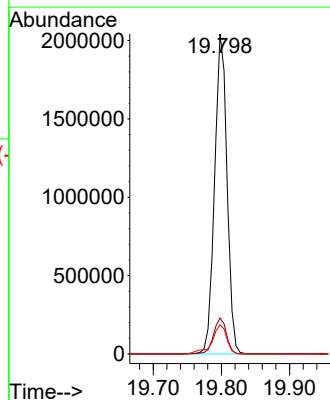
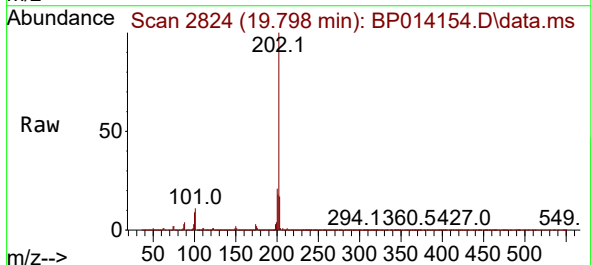
Instrument :
BNA_P
ClientSampleId :
SLCS502

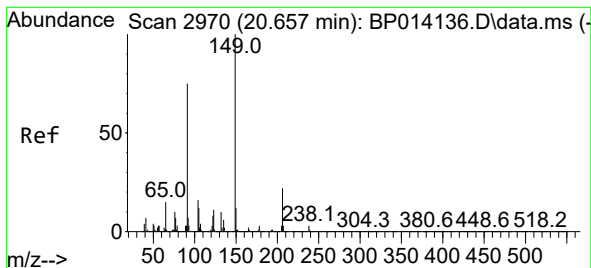
Tgt Ion:202 Resp: 2495526
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.5 5.0 7.4#



#82
Pyrene
Concen: 32.499 ng/ul
RT: 19.798 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:202 Resp: 2586988
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.8
100 9.1 6.5 9.7





#83

Butylbenzylphthalate

Concen: 35.562 ng/ul

RT: 20.651 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

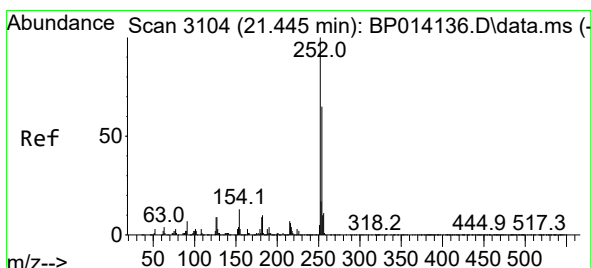
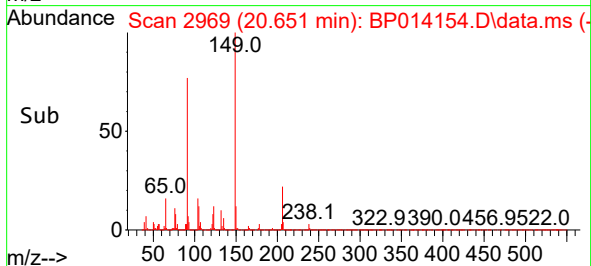
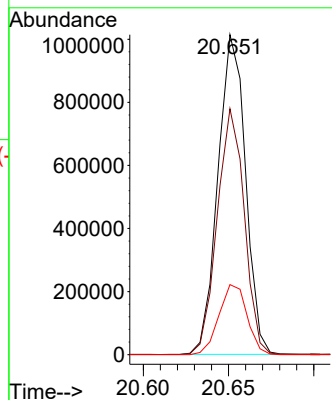
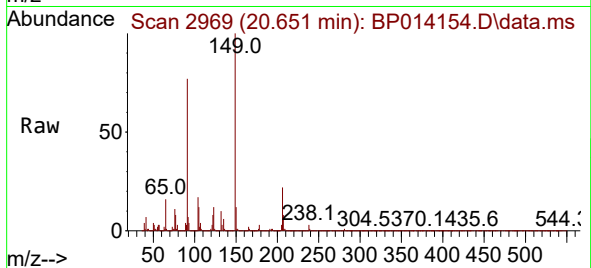
Tgt Ion:149 Resp: 1141420

Ion Ratio Lower Upper

149 100

91 76.8 57.9 86.9

206 21.9 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 28.529 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

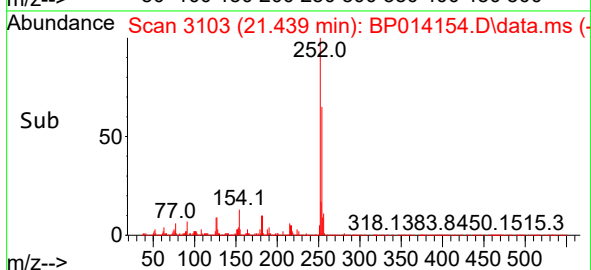
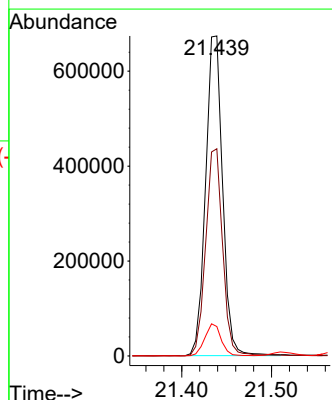
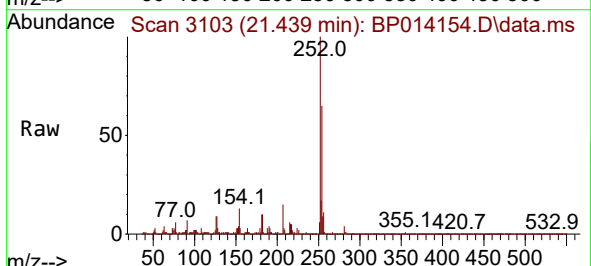
Tgt Ion:252 Resp: 886486

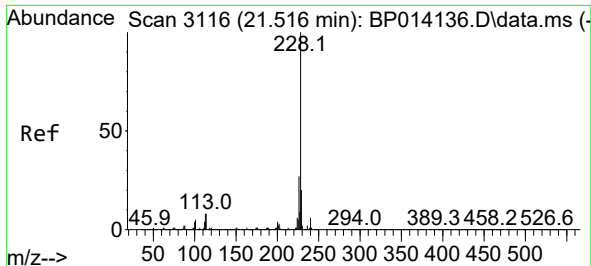
Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

126 9.2 6.9 10.3

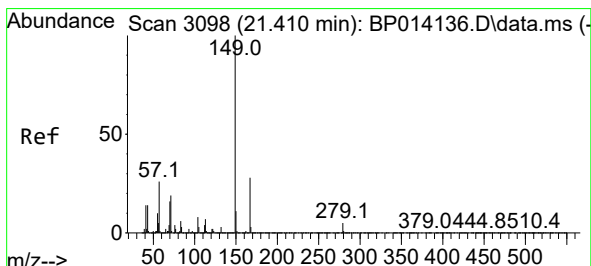
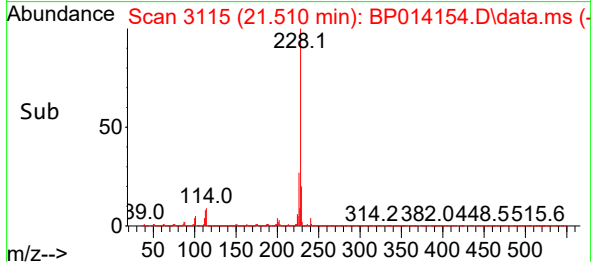
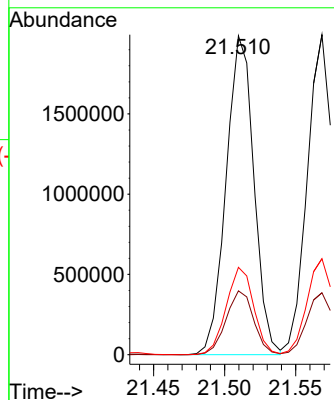
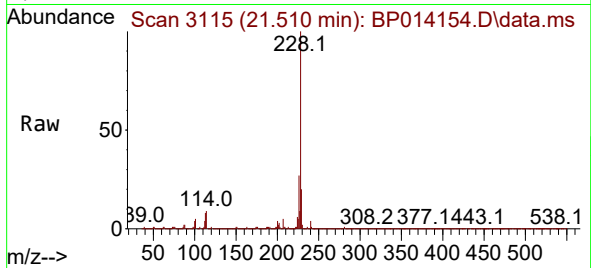




#85
Benzo(a)anthracene
Concen: 31.639 ng/ul
RT: 21.510 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

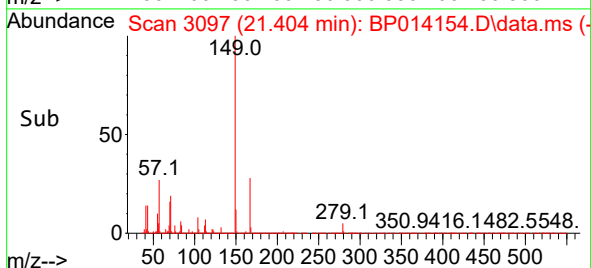
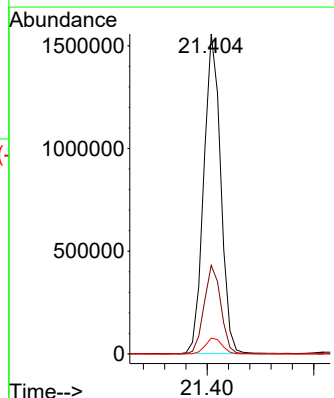
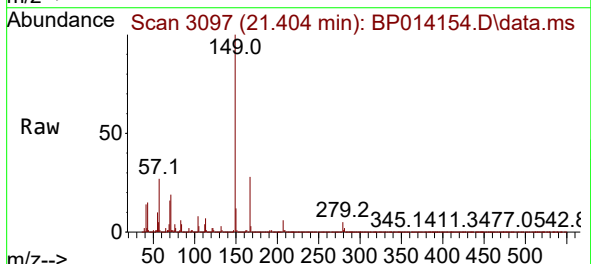
Instrument :
BNA_P
ClientSampleId :
SLCS502

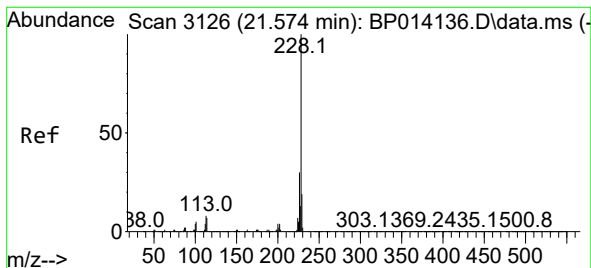
Tgt Ion:228 Resp: 2701215
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.4 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 35.803 ng/ul
RT: 21.404 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:149 Resp: 1718040
Ion Ratio Lower Upper
149 100
167 27.7 22.3 33.5
279 5.0 4.3 6.5





#87

Chrysene

Concen: 31.278 ng/ul

RT: 21.568 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

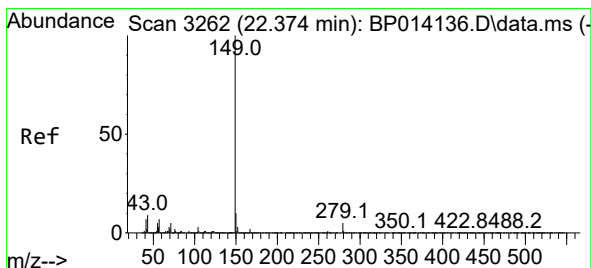
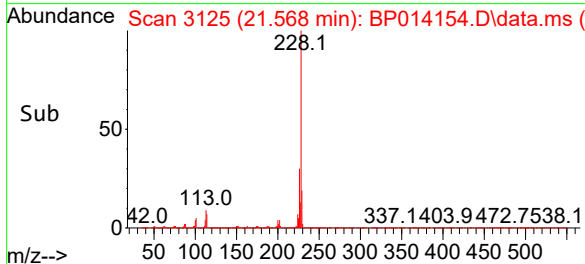
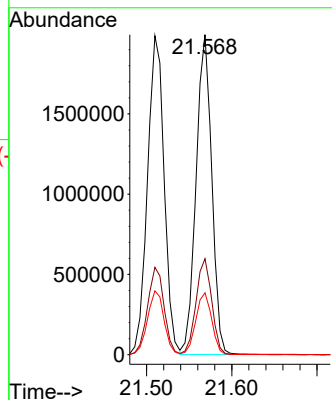
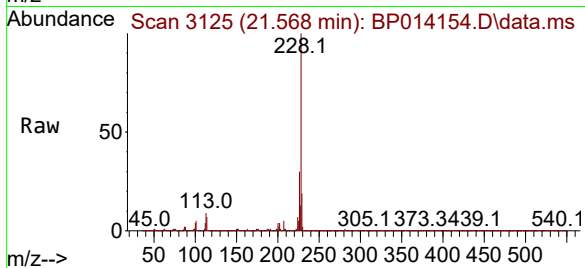
Tgt Ion:228 Resp: 2544958

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.4 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 38.526 ng/ul

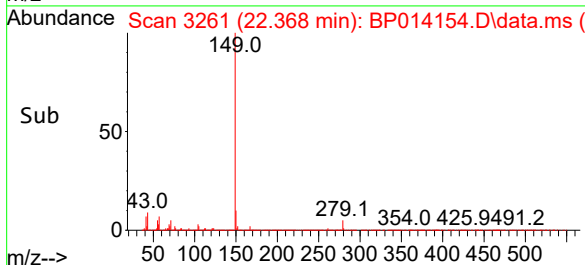
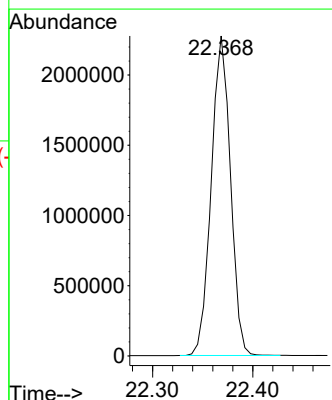
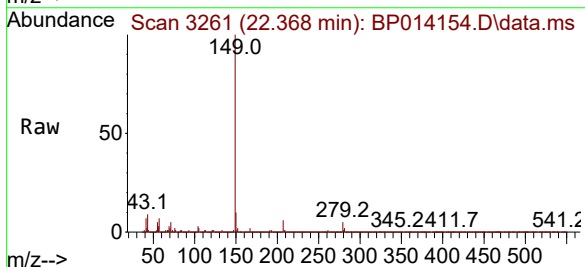
RT: 22.368 min Scan# 3261

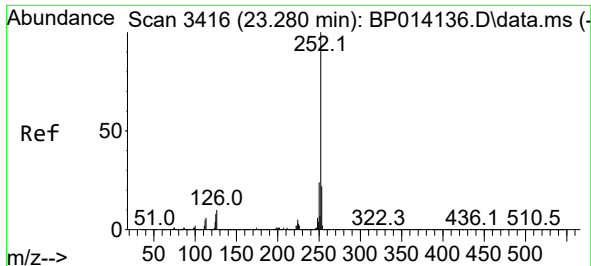
Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Tgt Ion:149 Resp: 3032101

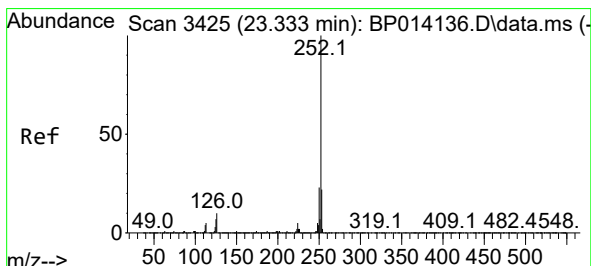
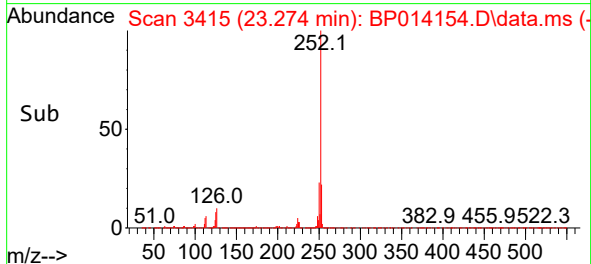
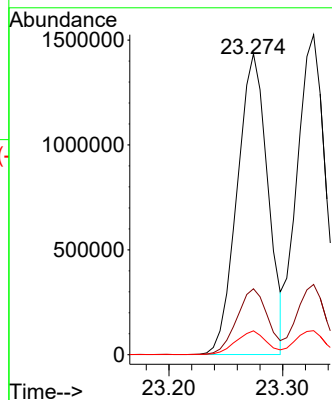
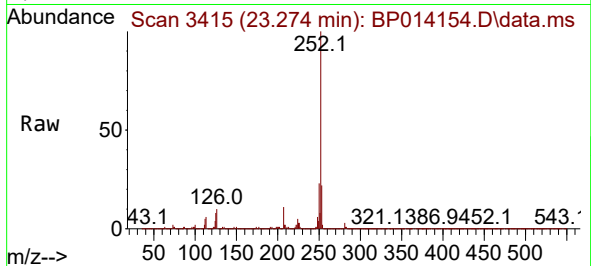




#90
Benzo(b)fluoranthene
Concen: 32.413 ng/ul
RT: 23.274 min Scan# 3416
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

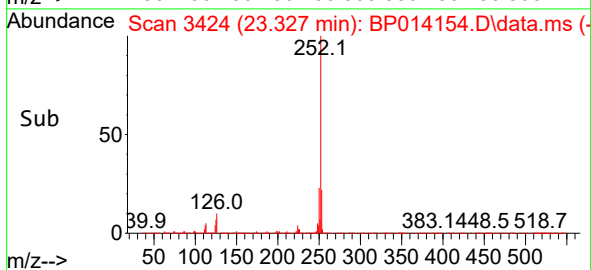
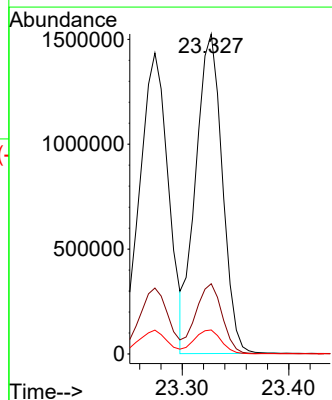
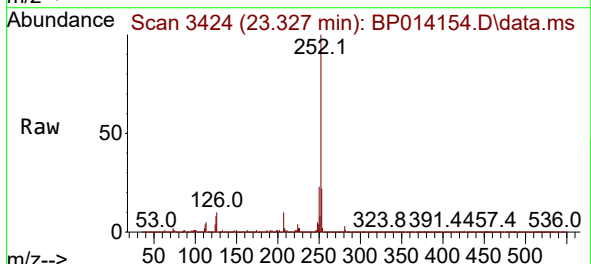
Instrument :
BNA_P
ClientSampleId :
SLCS502

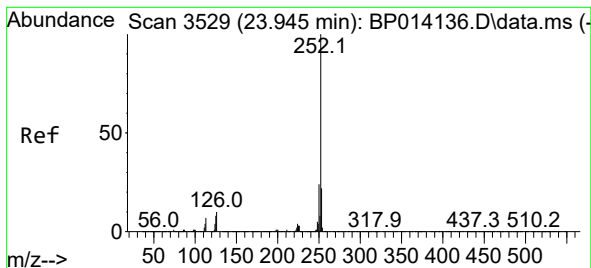
Tgt Ion:252 Resp: 2693913
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.9 5.4 8.2



#91
Benzo(k)fluoranthene
Concen: 33.343 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. -0.006 min
Lab File: BP014154.D
Acq: 20 Mar 2023 23:02

Tgt Ion:252 Resp: 2642540
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.5 5.5 8.3





#93

Benzo(a)pyrene

Concen: 31.727 ng/ul

RT: 23.939 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

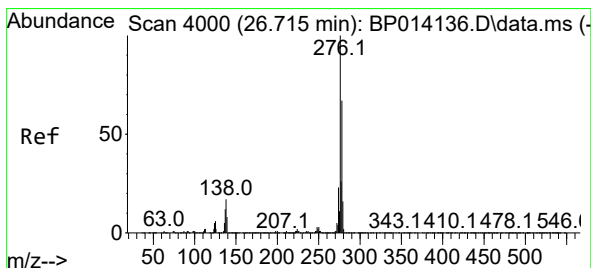
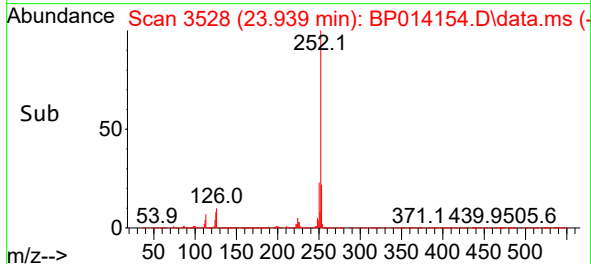
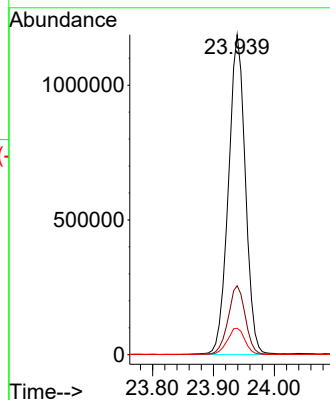
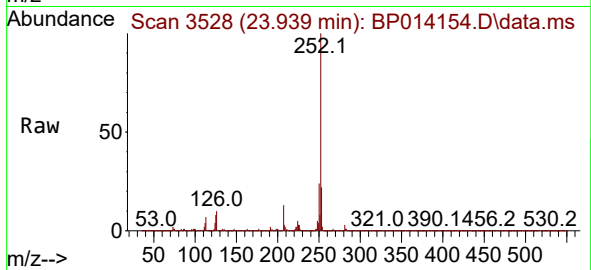
Tgt Ion:252 Resp: 2293583

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.2 6.2 9.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.608 ng/ul

RT: 26.703 min Scan# 3998

Delta R.T. -0.012 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

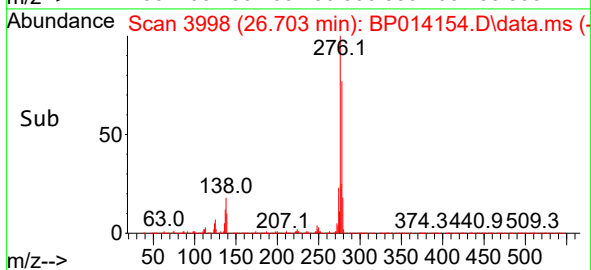
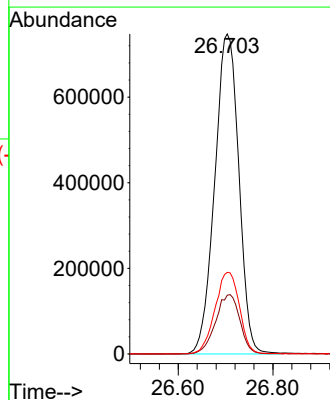
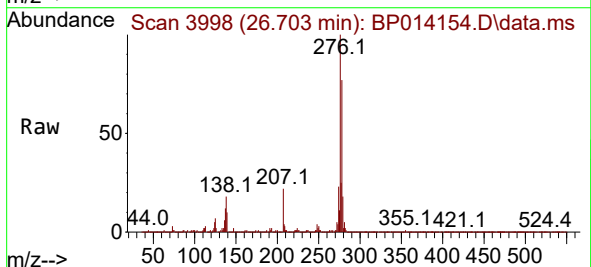
Tgt Ion:276 Resp: 2642005

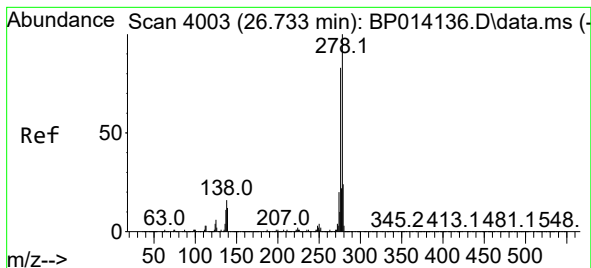
Ion Ratio Lower Upper

276 100

138 18.4 13.1 19.7

277 25.5 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 27.787 ng/ul

RT: 26.715 min Scan# 4000

Delta R.T. -0.018 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Instrument :

BNA_P

ClientSampleId :

SLCS502

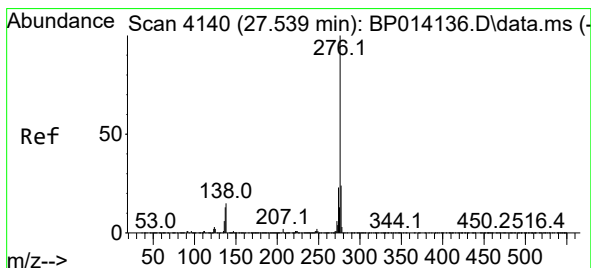
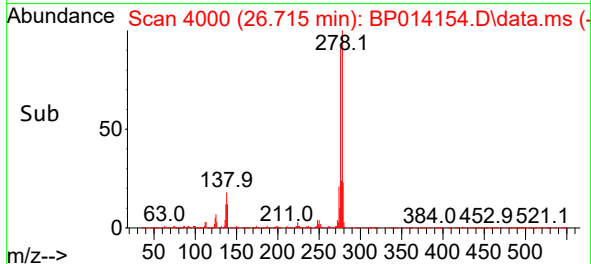
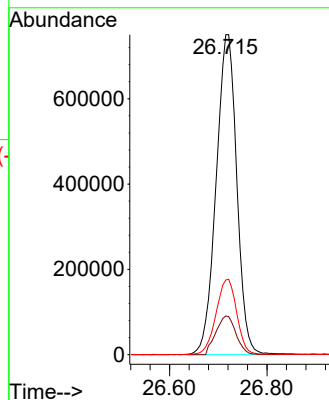
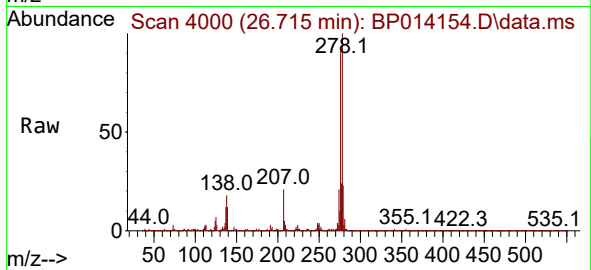
Tgt Ion:278 Resp: 2210169

Ion Ratio Lower Upper

278 100

139 12.1 8.7 13.1

279 23.3 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 27.044 ng/ul

RT: 27.521 min Scan# 4137

Delta R.T. -0.018 min

Lab File: BP014154.D

Acq: 20 Mar 2023 23:02

Tgt Ion:276 Resp: 2068610

Ion Ratio Lower Upper

276 100

138 16.2 11.9 17.9

277 24.3 18.7 28.1

