

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
 Data File : BP014621.D
 Acq On : 08 Apr 2023 00:36
 Operator : CG/JU
 Sample : PB151979BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS979

Quant Time: Apr 08 01:52:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 00:45:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	142974	20.000	ng/u1	0.00
20) Naphthalene-d8	10.799	136	652055	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	451412	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1031717	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	916342	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	817714	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	21323	5.784	ng/uL	0.00
4) Pyridine-d5	3.793	84	220348	23.322	ng/u1	0.00
7) Phenol-d5	7.146	99	409965	31.092	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	273712	32.353	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	296944	31.158	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	336715	31.658	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	155392	29.520	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	181838	30.168	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	331141	30.166	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	269903	18.666	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	1129638	30.863	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1200960	29.571	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	181880	32.893	ng/u1	0.00
60) Fluorene-d10	15.628	176	926178	30.344	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	232020	30.563	ng/u1	0.00
73) Anthracene-d10	17.492	188	1510822	30.258	ng/u1	0.00
81) Pyrene-d10	19.727	212	1777816	28.884	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	1346392	30.991	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	48527	11.977	ng/uL	95
5) Pyridine	3.811	79	293012	29.635	ng/u1	93
6) Benzaldehyde	7.122	77	162726	24.828	ng/u1	100
8) Phenol	7.169	94	441238	32.258	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.399	93	352211	32.042	ng/u1	98
12) 2-Chlorophenol	7.540	128	315069	31.763	ng/u1	91
13) 2-Methylphenol	8.428	108	329639	32.315	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.510	45	512830	35.534	ng/u1	99
16) Acetophenone	8.816	105	568224	32.353	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.793	70	329703	34.749	ng/u1	92
18) 4-Methylphenol	8.763	108	367629	32.815	ng/u1	95
19) Hexachloroethane	9.057	117	145779	33.636	ng/u1	93
22) Nitrobenzene	9.199	77	476266	31.494	ng/u1	99
23) Isophorone	9.722	82	898620	32.237	ng/u1	99
25) 2-Nitrophenol	9.910	139	194978	30.647	ng/u1	94
26) 2,4-Dimethylphenol	9.969	107	445235	31.267	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.204	93	511211	30.589	ng/u1	98
29) 2,4-Dichlorophenol	10.451	162	338062	31.293	ng/u1	97
30) Naphthalene	10.846	128	1090288	30.019	ng/u1	99
32) 4-Chloroaniline	10.969	127	292959	20.004	ng/u1	99
33) Hexachlorobutadiene	11.122	225	245648	28.702	ng/u1	96
35) 4-Chloro-3-methylphenol	12.098	107	435214	32.753	ng/u1	100
36) 2-Methylnaphthalene	12.457	142	742868	30.180	ng/u1	98
37) 1-Methylnaphthalene	12.675	142	781145	31.999	ng/u1	99

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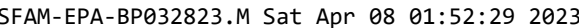
Instrument :
 BNA_P
 ClientSampleId :
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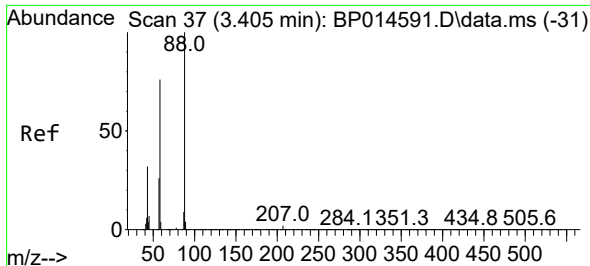
Quant Time: Apr 08 01:52:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 00:45:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.822	216	448793	27.885	ng/ul	98
40) Hexachlorocyclopentadiene	12.793	237	273111	26.204	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	292389	29.358	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	324242	30.581	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	1059957	29.064	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	829531	28.767	ng/ul	99
45) 2-Nitroaniline	13.728	65	319439	35.771	ng/ul	96
47) Dimethylphthalate	14.087	163	1152700	31.498	ng/ul	98
48) 2,6-Dinitrotoluene	14.222	165	239114	33.443	ng/ul	98
50) Acenaphthylene	14.357	152	1333101	30.821	ng/ul	99
51) 3-Nitroaniline	14.557	138	210235	32.821	ng/ul	97
52) Acenaphthene	14.698	153	922654	30.187	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	152604	32.959	ng/ul	89
55) 4-Nitrophenol	14.869	109	188701	34.579	ng/ul	95
56) Dibenzofuran	15.034	168	1300658	30.272	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	355067	35.010	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.263	232	295709	31.031	ng/ul	97
59) Diethylphthalate	15.451	149	1206097	33.165	ng/ul	99
61) Fluorene	15.686	166	1091967	31.355	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	564828	30.188	ng/ul	99
63) 4-Nitroaniline	15.728	138	202322	38.875	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.775	198	229917	31.251	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	937342	29.200	ng/ul	98
68) 4-Bromophenyl-phenylether	16.575	248	365795	28.493	ng/ul	99
69) Hexachlorobenzene	16.692	284	428126	29.032	ng/ul	99
70) Atrazine	16.851	200	94832	8.115	ng/ul	98
71) Pentachlorophenol	17.045	266	237744	27.829	ng/ul	97
72) Phenanthrene	17.439	178	1769546	30.829	ng/ul	100
74) Anthracene	17.533	178	1809481	31.279	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	456479	25.135	ng/uL	99
76) Pentachlorobenzene	14.951	250	485362	26.784	ng/uL	98
77) Carbazole	17.804	167	1563719	32.300	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2102327	34.536	ng/ul	100
80) Fluoranthene	19.398	202	2158351	29.658	ng/ul	99
82) Pyrene	19.751	202	2230793	29.361	ng/ul	98
83) Butylbenzylphthalate	20.610	149	960819	36.712	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.398	252	531308	26.217	ng/ul	100
85) Benzo(a)anthracene	21.463	228	2022578	31.148	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	1351620	37.767	ng/ul	100
87) Chrysene	21.521	228	1947487	31.763	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	2153847	40.589	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1778326	32.201	ng/ul	99
91) Benzo(k)fluoranthene	23.263	252	1786606	33.308	ng/ul	100
93) Benzo(a)pyrene	23.868	252	1509900	31.763	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.609	276	1832468	28.019	ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	1531079	27.962	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	1481672	27.794	ng/ul	98

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

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Response via : Initial Calibration

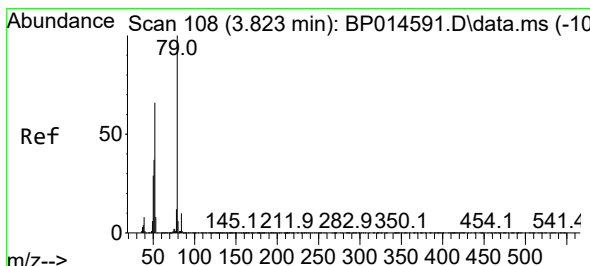
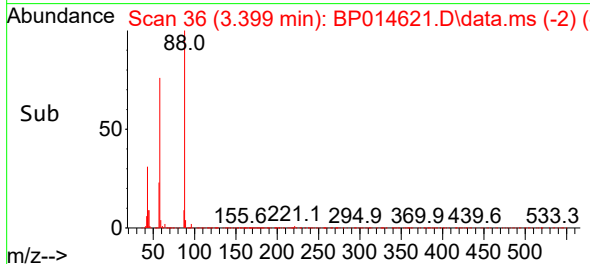
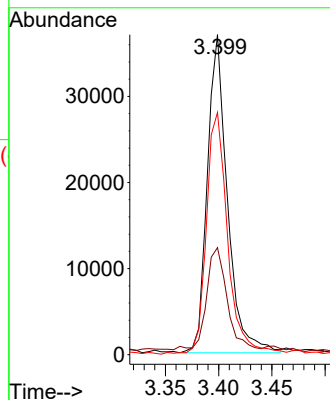
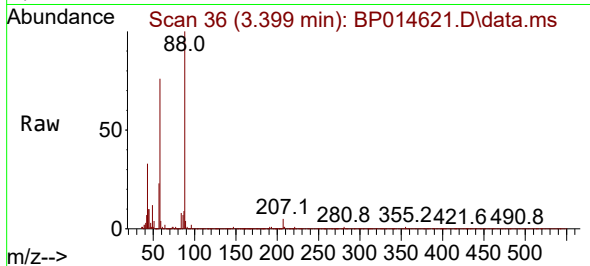




#2
1,4-Dioxane
Concen: 11.977 ng/uL
RT: 3.399 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP014621.D
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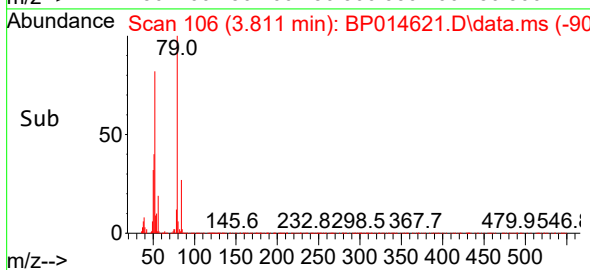
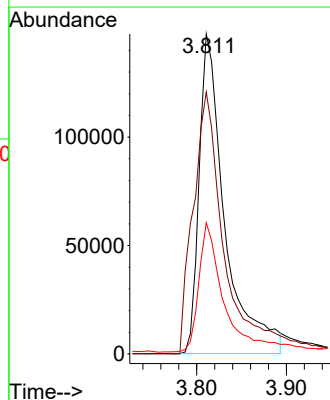
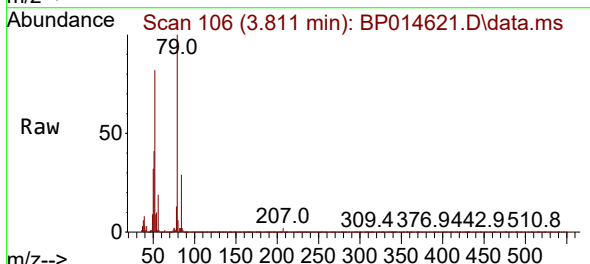
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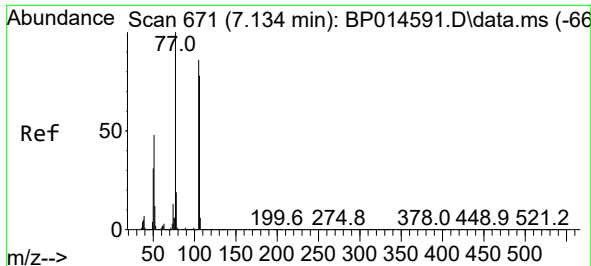
Tgt Ion:	88	Resp:	48527
Ion	Ratio	Lower	Upper
88	100		
43	33.4	24.4	36.6
58	75.7	57.4	86.0



#5
Pyridine
Concen: 29.635 ng/uL
RT: 3.811 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:	79	Resp:	293012
Ion	Ratio	Lower	Upper
79	100		
52	81.8	61.4	92.2
51	41.0	28.5	42.7

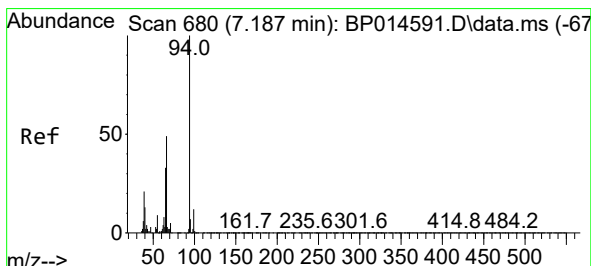
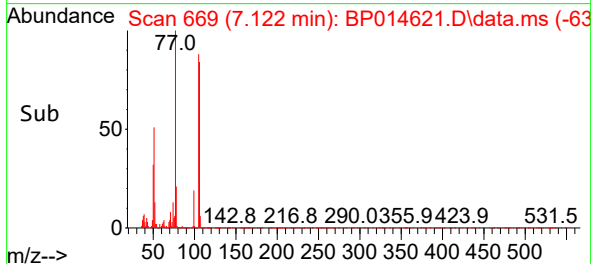
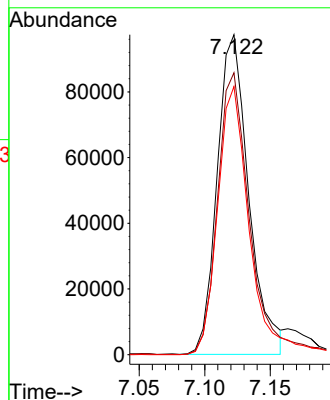
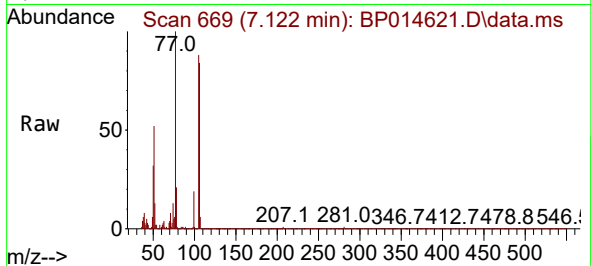




#6
Benzaldehyde
Concen: 24.828 ng/ul
RT: 7.122 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

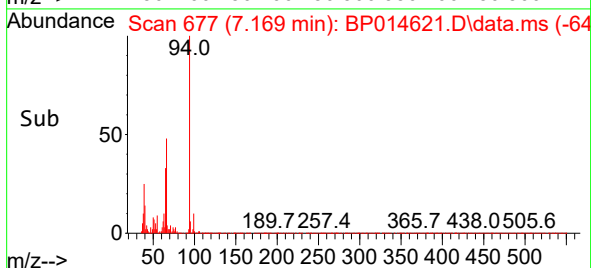
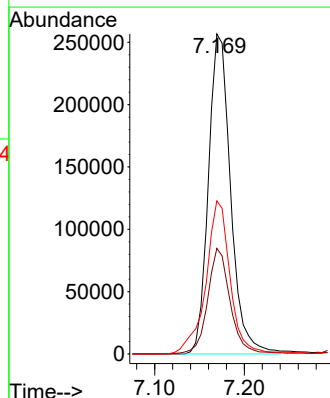
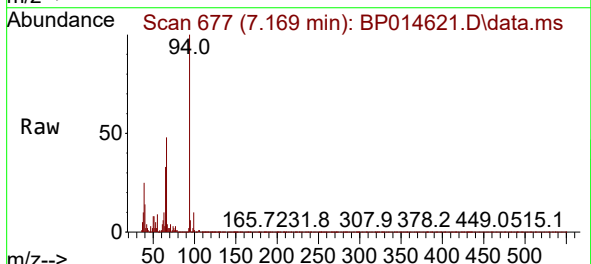
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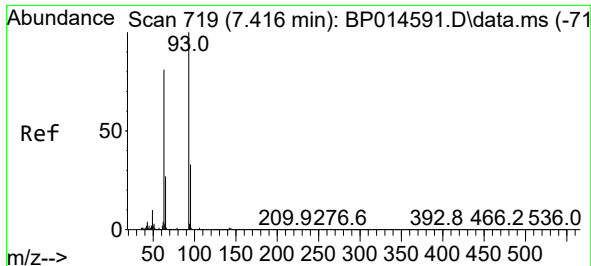
Tgt Ion: 77 Resp: 162726
Ion Ratio Lower Upper
77 100
105 88.1 70.6 105.8
106 83.8 66.5 99.7



#8
Phenol
Concen: 32.258 ng/ul
RT: 7.169 min Scan# 677
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion: 94 Resp: 441238
Ion Ratio Lower Upper
94 100
65 33.0 25.2 37.8
66 47.9 36.2 54.4



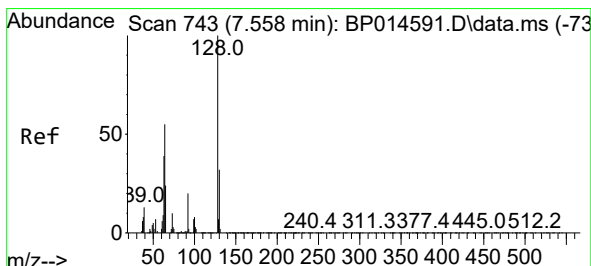
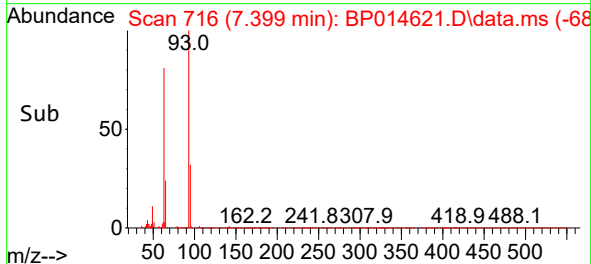
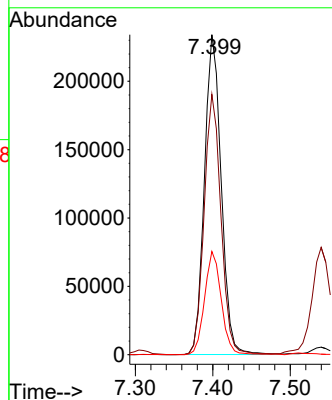
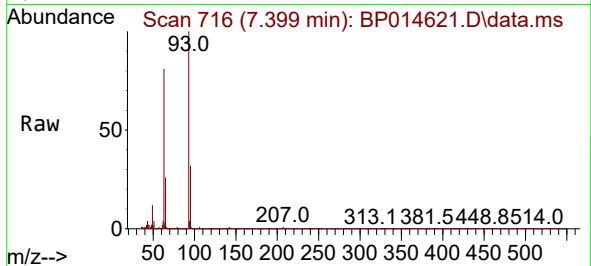


#10
 Bis(2-Chloroethyl)ether
 Concen: 32.042 ng/ul
 RT: 7.399 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: BP014621.D
 Acq: 08 Apr 2023 00:36

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 93 Resp: 352211

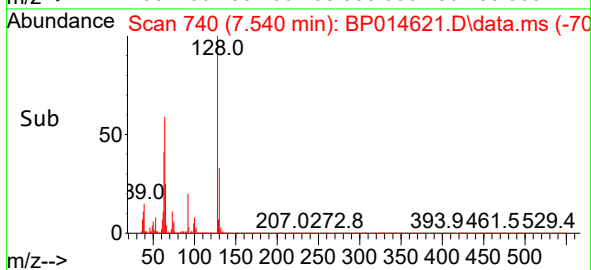
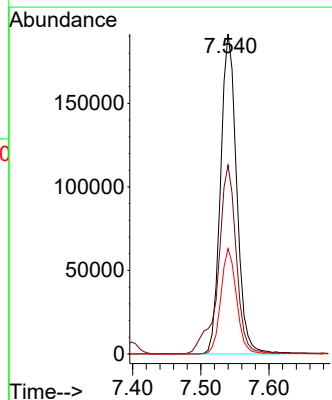
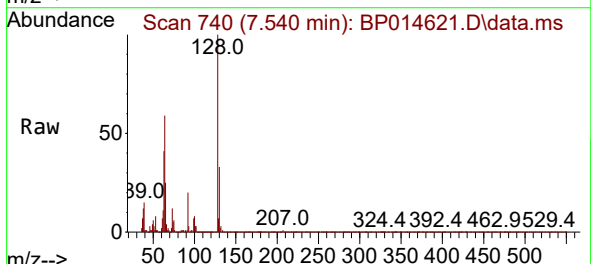
Ion	Ratio	Lower	Upper
93	100		
63	81.4	63.2	94.8
95	32.3	26.0	39.0

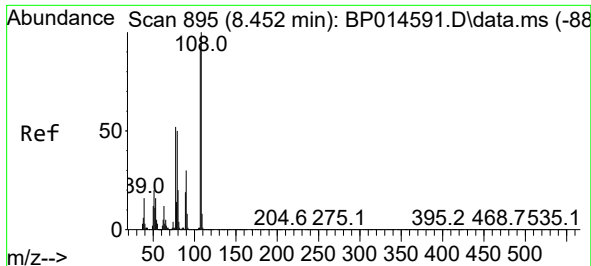


#12
 2-Chlorophenol
 Concen: 31.763 ng/ul
 RT: 7.540 min Scan# 740
 Delta R.T. -0.006 min
 Lab File: BP014621.D
 Acq: 08 Apr 2023 00:36

Tgt Ion: 128 Resp: 315069

Ion	Ratio	Lower	Upper
128	100		
64	59.0	41.4	62.0
130	32.9	24.1	36.1





#13

2-Methylphenol

Concen: 32.315 ng/ul

RT: 8.428 min Scan# 895

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

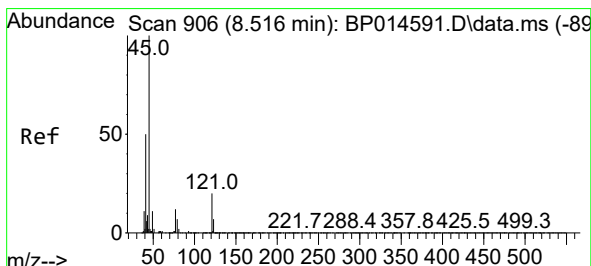
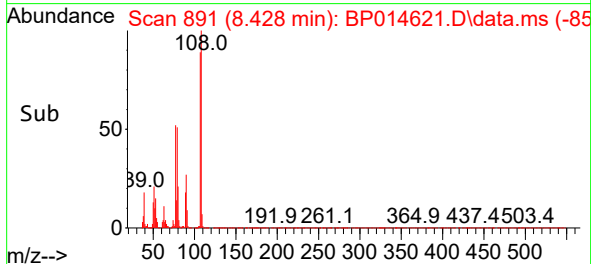
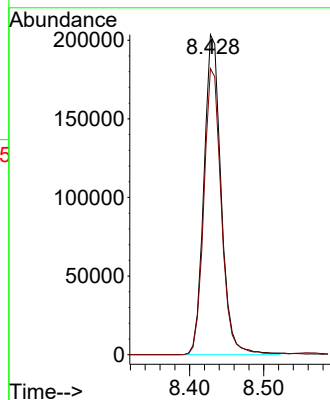
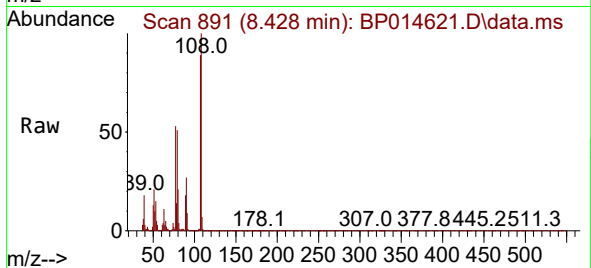
SLCS979

Tgt Ion:108 Resp: 329639

Ion Ratio Lower Upper

108 100

107 89.4 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.534 ng/ul

RT: 8.510 min Scan# 905

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

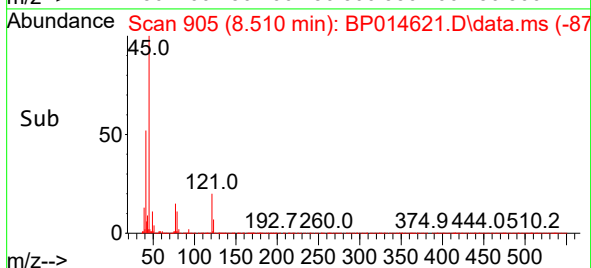
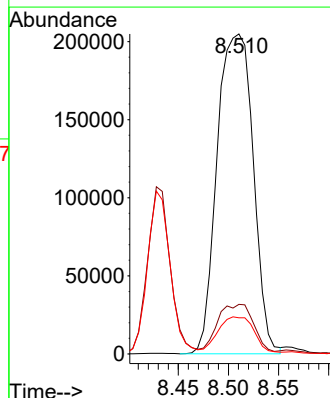
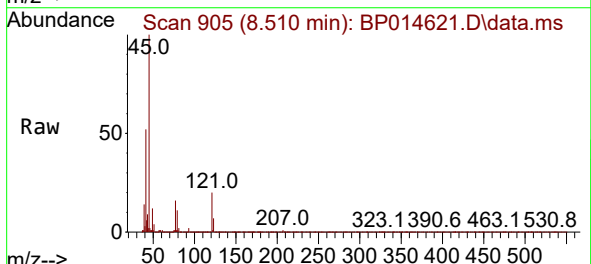
Tgt Ion: 45 Resp: 512830

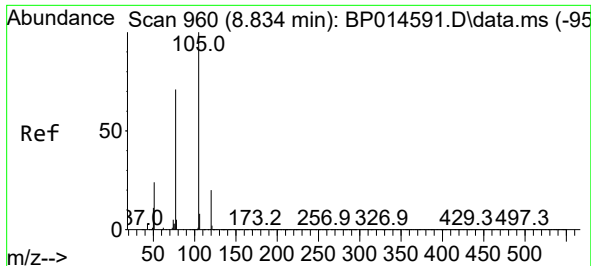
Ion Ratio Lower Upper

45 100

77 15.5 12.8 19.2

79 11.3 9.6 14.4

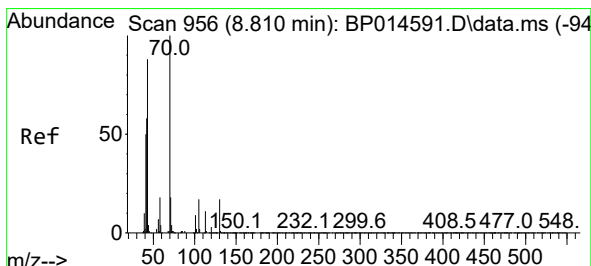
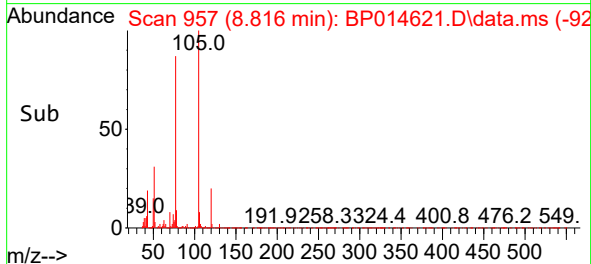
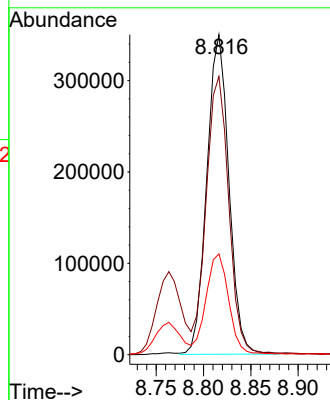
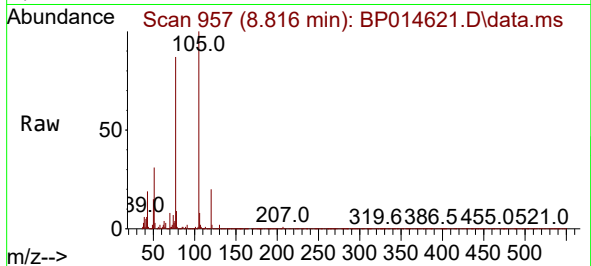




#16
Acetophenone
Concen: 32.353 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

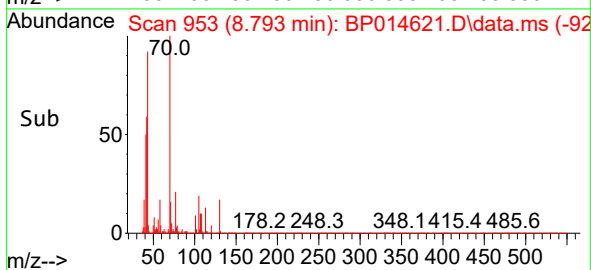
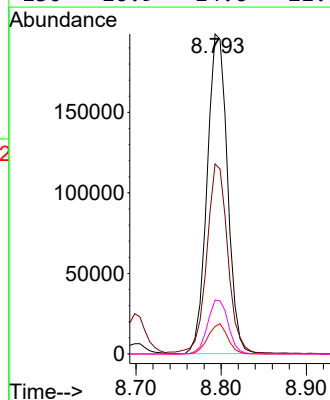
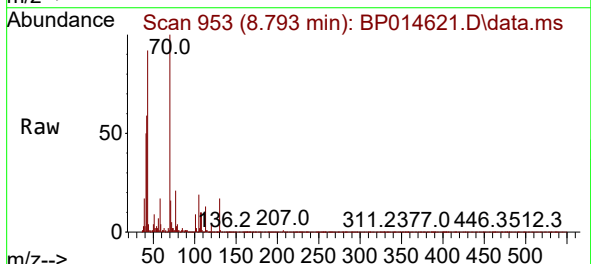
Instrument :
BNA_P
ClientSampleId :
SLCS979

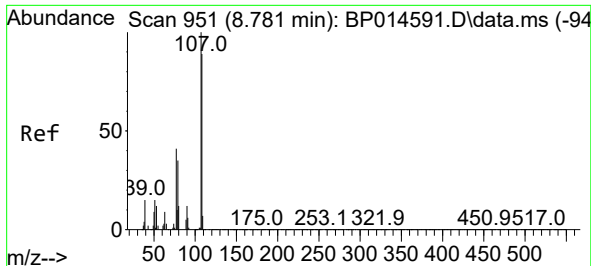
Tgt Ion:105 Resp: 568224
Ion Ratio Lower Upper
105 100
77 87.0 67.3 100.9
51 31.5 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 34.749 ng/ul
RT: 8.793 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion: 70 Resp: 329703
Ion Ratio Lower Upper
70 100
42 59.4 41.1 61.7
101 8.6 7.0 10.6
130 16.9 14.6 21.8

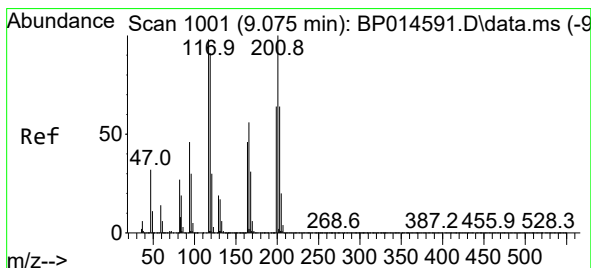
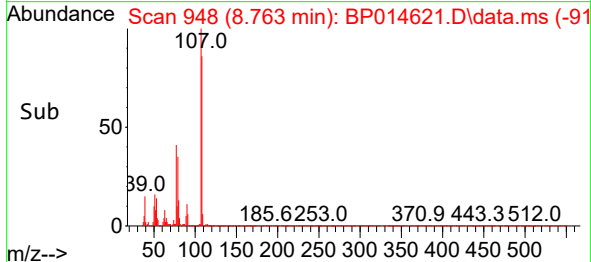
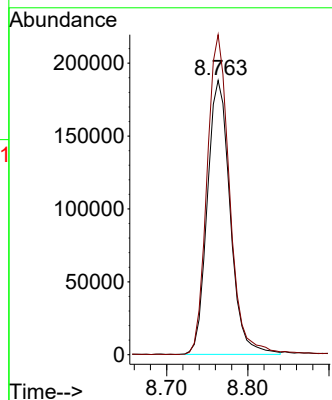
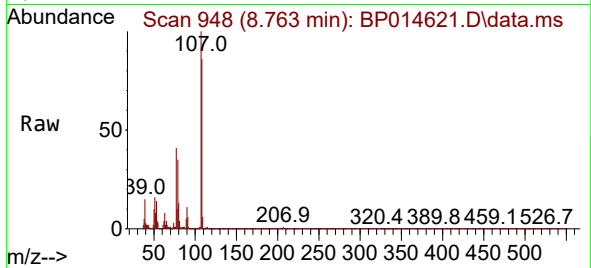




#18
4-Methylphenol
Concen: 32.815 ng/ul
RT: 8.763 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

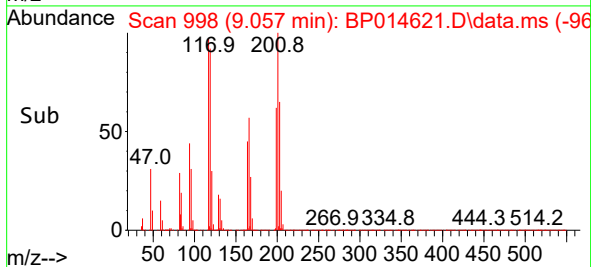
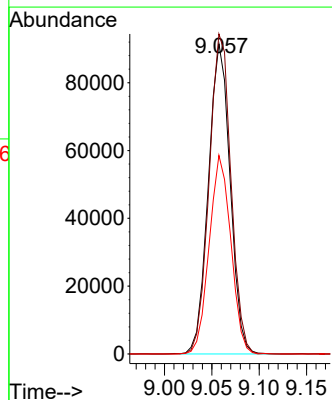
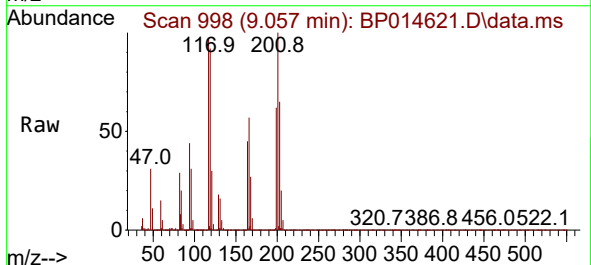
Instrument :
BNA_P
ClientSampleId :
SLCS979

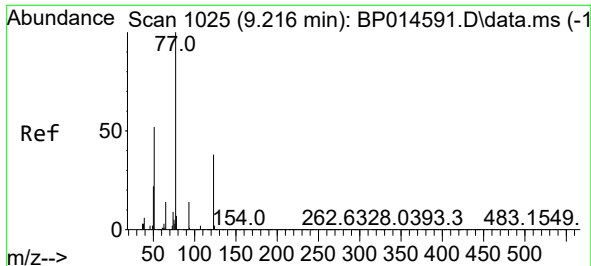
Tgt Ion:108 Resp: 367629
Ion Ratio Lower Upper
108 100
107 116.7 89.0 133.6



#19
Hexachloroethane
Concen: 33.636 ng/ul
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:117 Resp: 145779
Ion Ratio Lower Upper
117 100
201 103.1 90.2 135.4
199 64.0 54.2 81.2

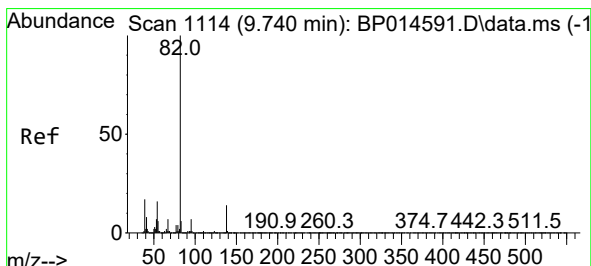
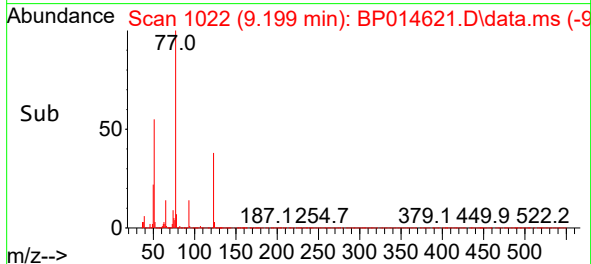
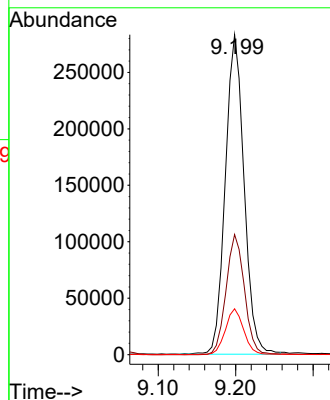
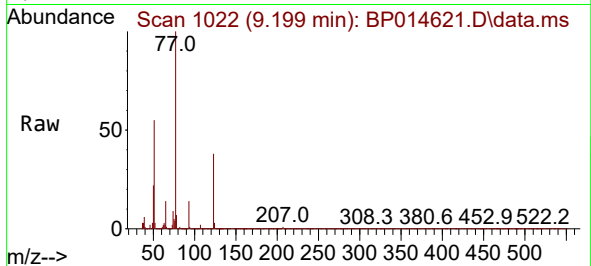




#22
Nitrobenzene
Concen: 31.494 ng/ul
RT: 9.199 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

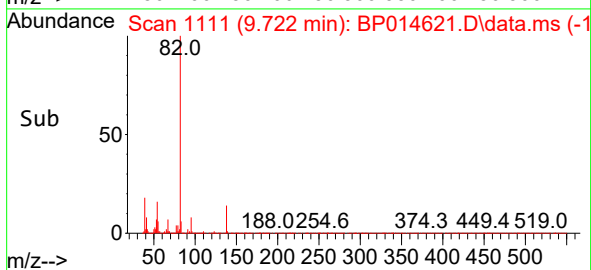
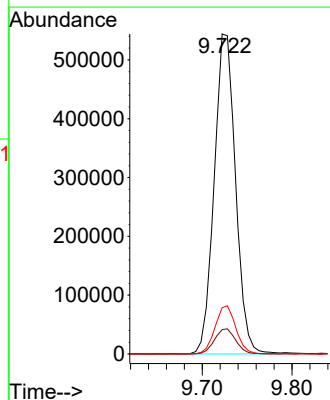
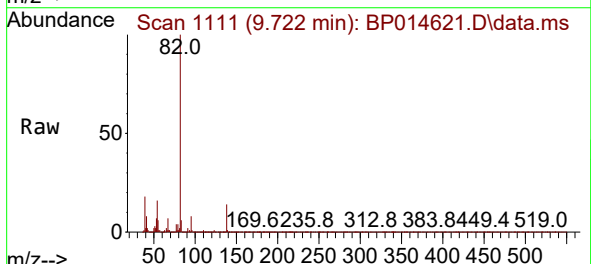
Instrument :
BNA_P
ClientSampleId :
SLCS979

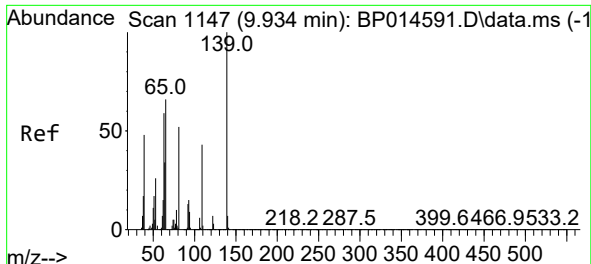
Tgt Ion: 77 Resp: 476266
Ion Ratio Lower Upper
77 100
123 37.6 30.3 45.5
65 14.3 11.0 16.4



#23
Isophorone
Concen: 32.237 ng/ul
RT: 9.722 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion: 82 Resp: 898620
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 14.4 12.2 18.2

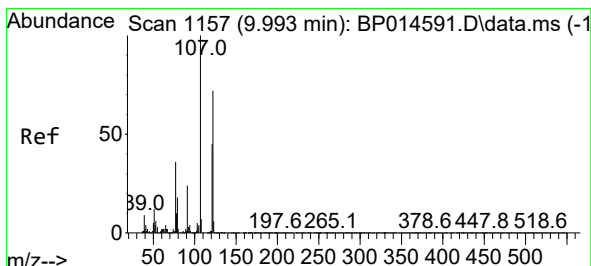
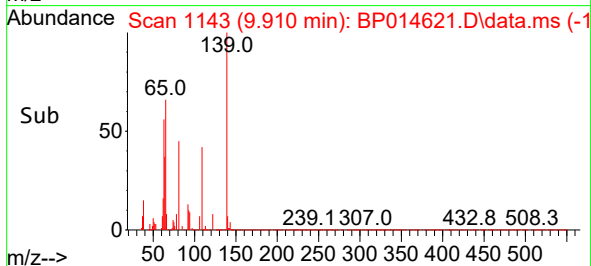
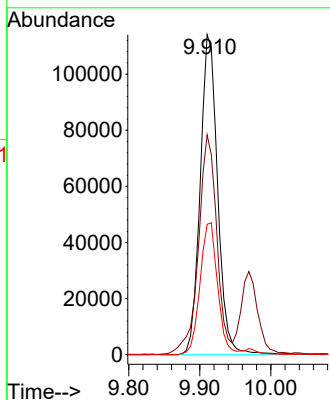
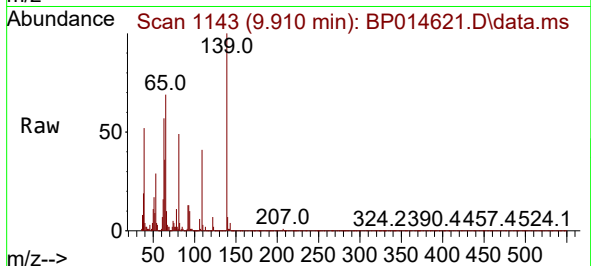




#25
2-Nitrophenol
Concen: 30.647 ng/ul
RT: 9.910 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

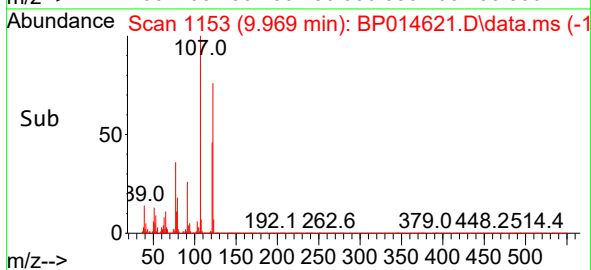
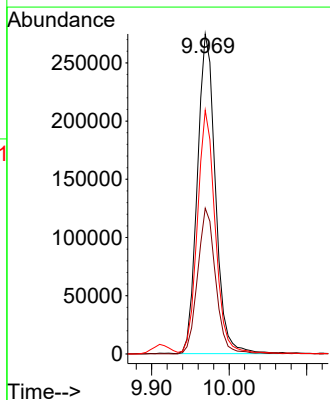
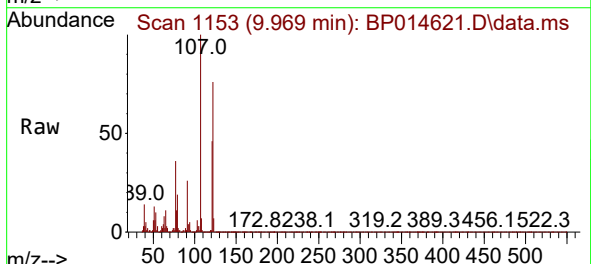
Instrument :
BNA_P
ClientSampleId :
SLCS979

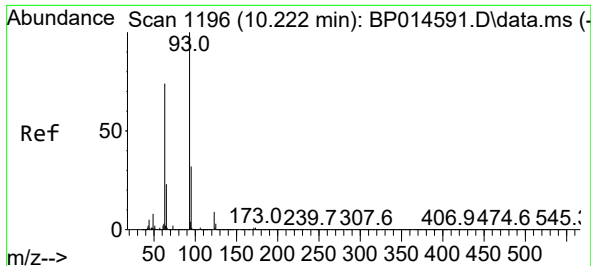
Tgt Ion:139 Resp: 194978
Ion Ratio Lower Upper
139 100
65 68.7 49.7 74.5
109 40.8 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 31.267 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:107 Resp: 445235
Ion Ratio Lower Upper
107 100
121 45.6 37.0 55.6
122 76.1 59.8 89.6





#27

Bis(2-Chloroethoxy)methane

Concen: 30.589 ng/ul

RT: 10.204 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

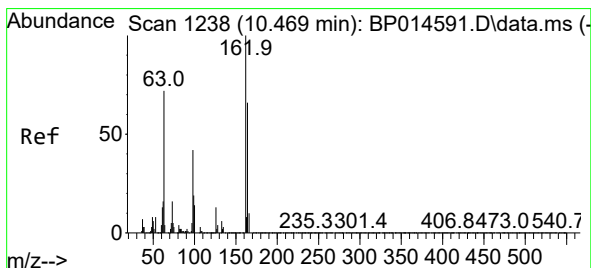
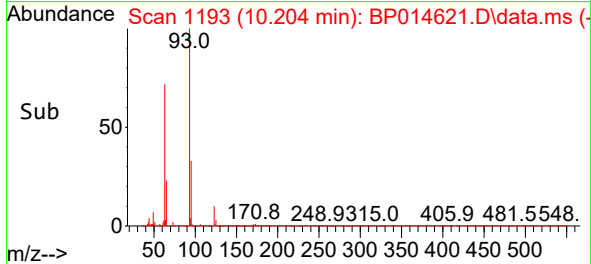
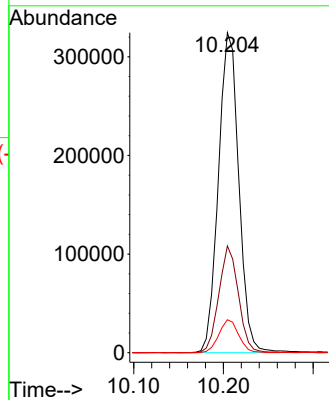
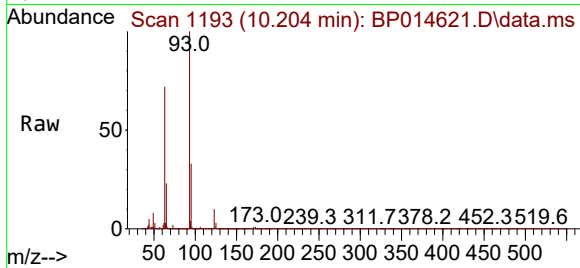
Tgt Ion: 93 Resp: 511211

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

123 10.3 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 31.293 ng/ul

RT: 10.451 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

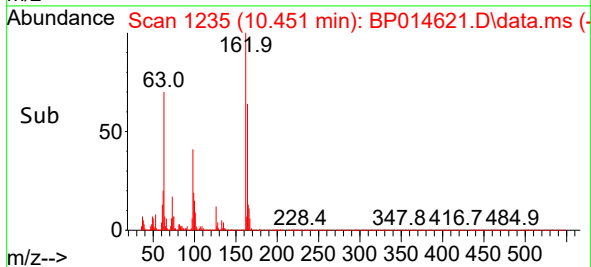
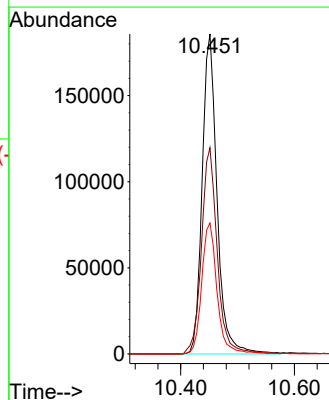
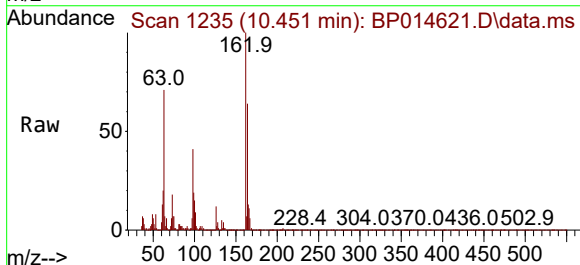
Tgt Ion:162 Resp: 338062

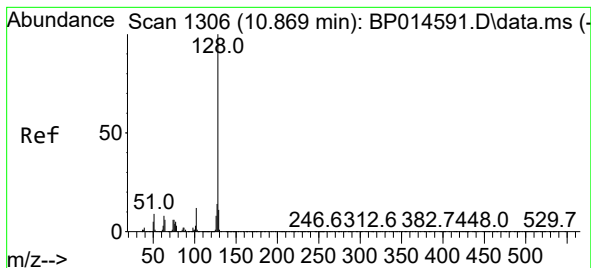
Ion Ratio Lower Upper

162 100

164 64.5 50.1 75.1

98 41.0 30.6 45.8





#30

Naphthalene

Concen: 30.019 ng/ul

RT: 10.846 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

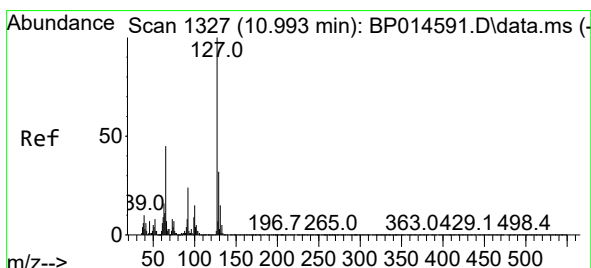
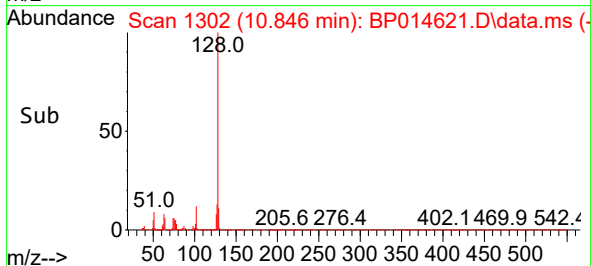
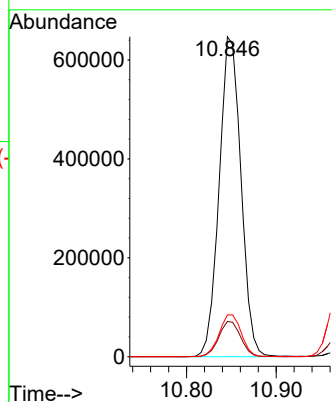
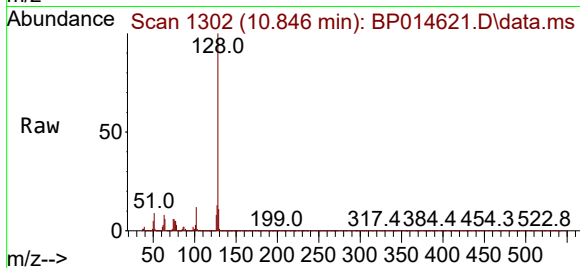
Tgt Ion:128 Resp: 1090288

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.1 11.0 16.6



#32

4-Chloroaniline

Concen: 20.004 ng/ul

RT: 10.969 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BP014621.D

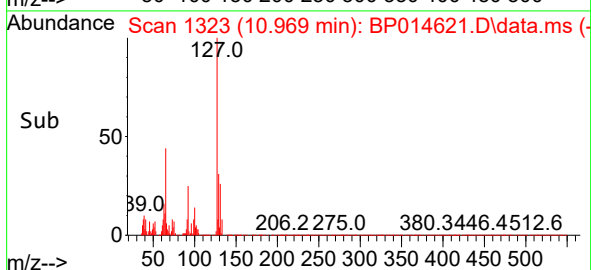
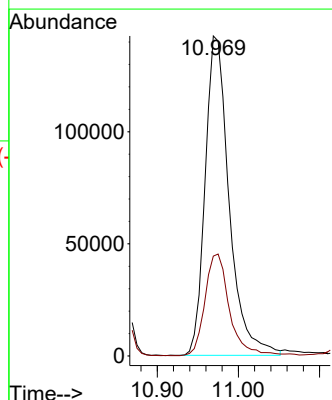
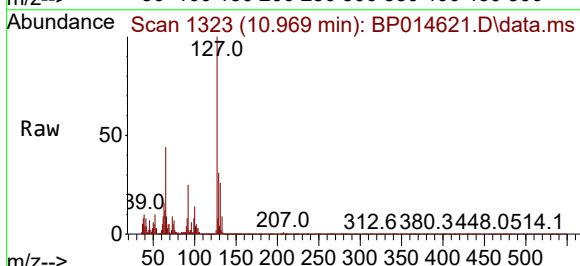
Acq: 08 Apr 2023 00:36

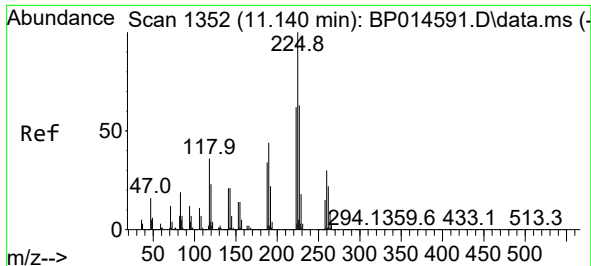
Tgt Ion:127 Resp: 292959

Ion Ratio Lower Upper

127 100

129 31.2 25.4 38.0

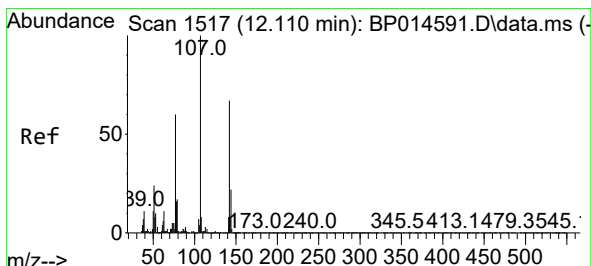
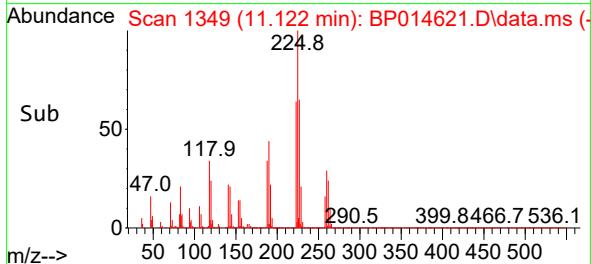
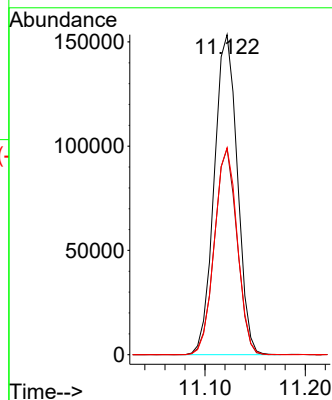
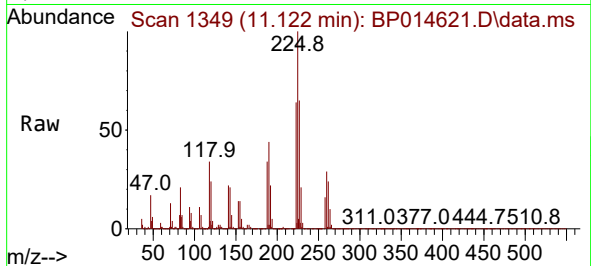




#33
Hexachlorobutadiene
Concen: 28.702 ng/ul
RT: 11.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

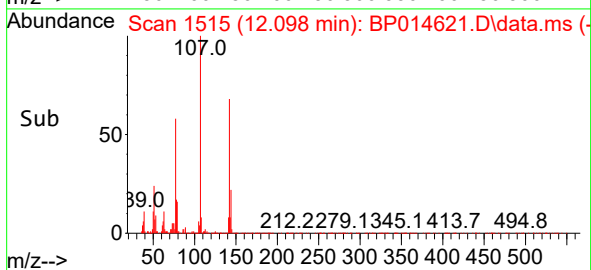
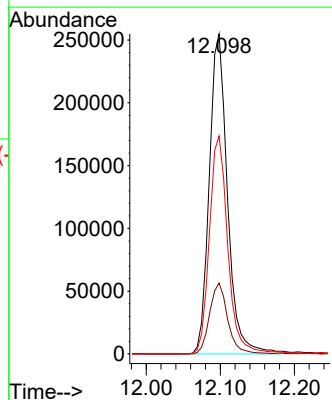
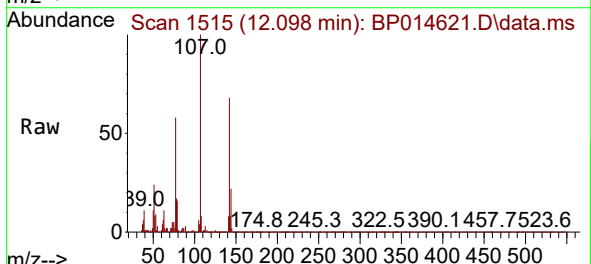
Instrument :
BNA_P
ClientSampleId :
SLCS979

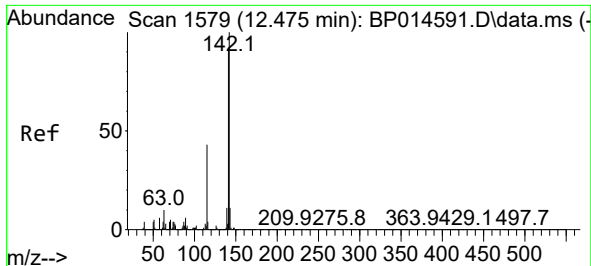
Tgt Ion:225 Resp: 245648
Ion Ratio Lower Upper
225 100
223 64.4 49.3 73.9
227 64.7 49.6 74.4



#35
4-Chloro-3-methylphenol
Concen: 32.753 ng/ul
RT: 12.098 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:107 Resp: 435214
Ion Ratio Lower Upper
107 100
144 22.2 17.3 25.9
142 68.1 54.6 81.8

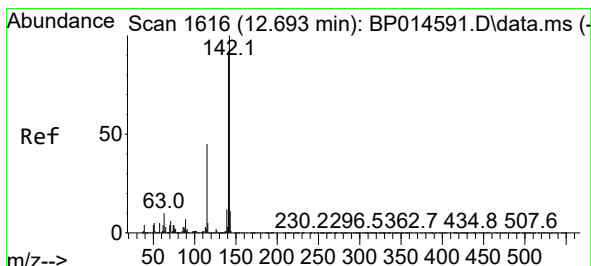
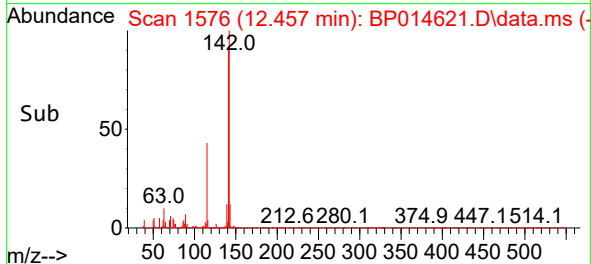
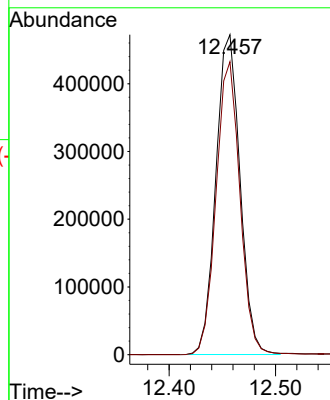
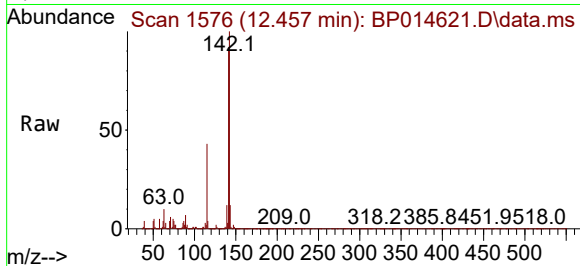




#36
2-Methylnaphthalene
Concen: 30.180 ng/ul
RT: 12.457 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

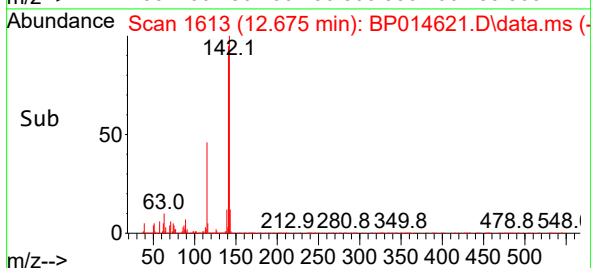
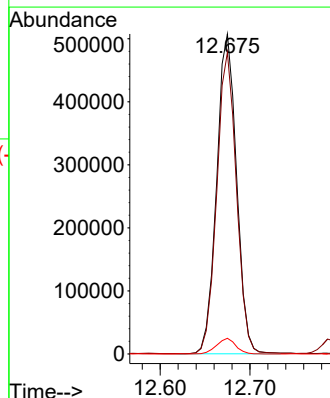
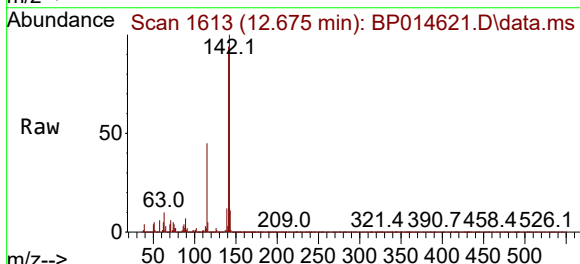
Instrument :
BNA_P
ClientSampleId :
SLCS979

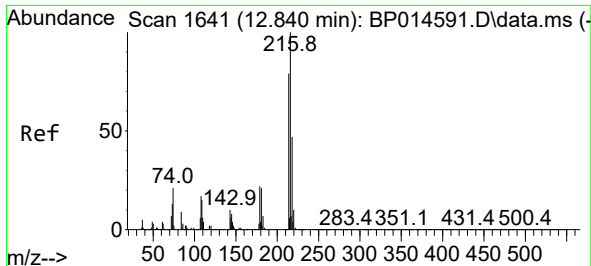
Tgt Ion:142 Resp: 742868
Ion Ratio Lower Upper
142 100
141 91.6 71.6 107.4



#37
1-Methylnaphthalene
Concen: 31.999 ng/ul
RT: 12.675 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:142 Resp: 781145
Ion Ratio Lower Upper
142 100
141 94.3 76.6 114.8
116 4.9 3.6 5.4

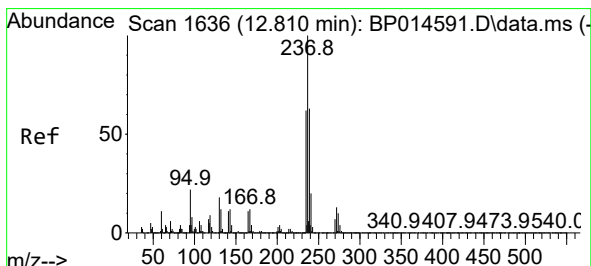
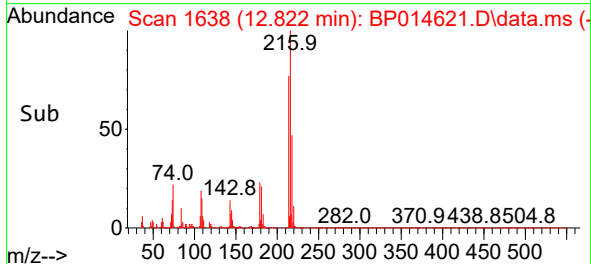
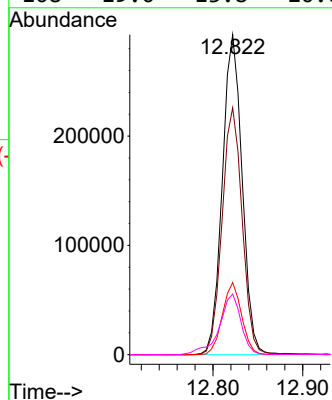
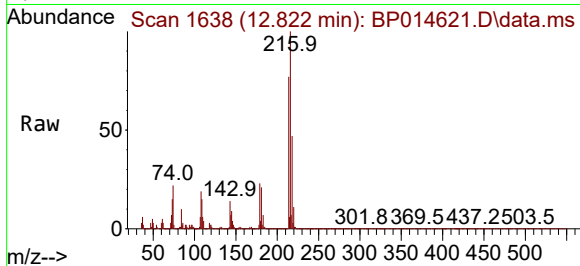




#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.885 ng/ul
RT: 12.822 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

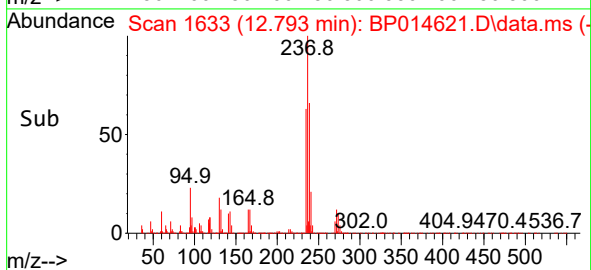
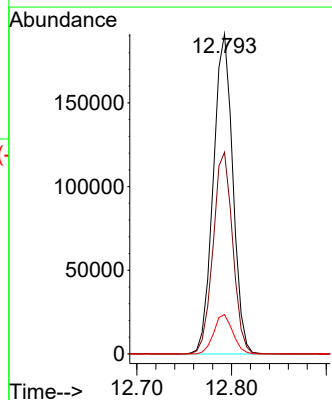
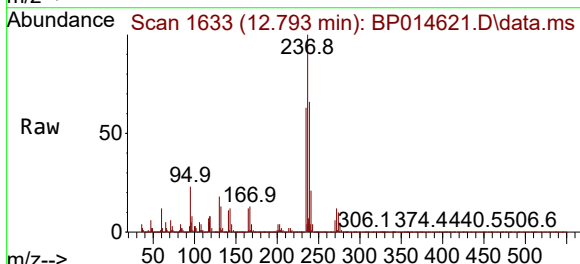
Instrument :
BNA_P
ClientSampleId :
SLCS979

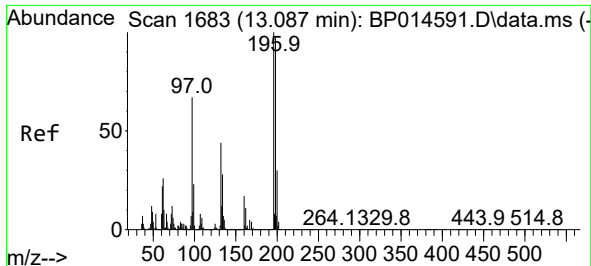
Tgt Ion:216 Resp: 448793
Ion Ratio Lower Upper
216 100
214 77.2 61.0 91.6
179 22.5 16.6 24.8
108 19.0 13.8 20.6



#40
Hexachlorocyclopentadiene
Concen: 26.204 ng/ul
RT: 12.793 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:237 Resp: 273111
Ion Ratio Lower Upper
237 100
235 63.1 51.0 76.4
272 12.9 10.3 15.5

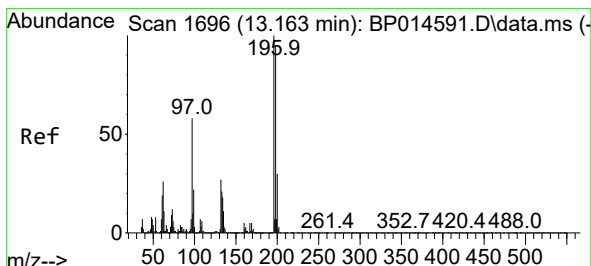
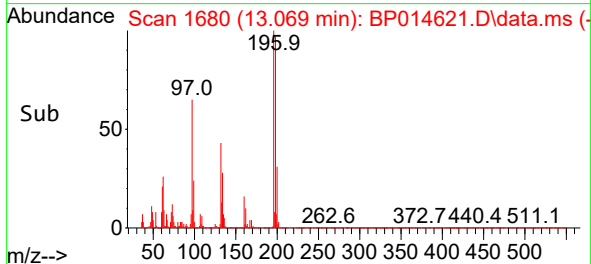
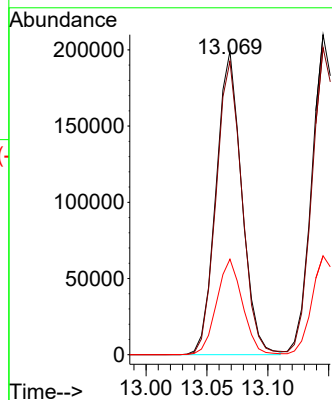
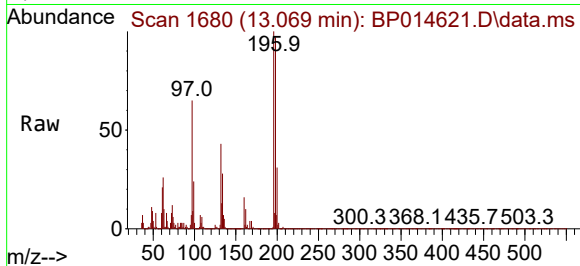




#41
2,4,6-Trichlorophenol
Concen: 29.358 ng/ul
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

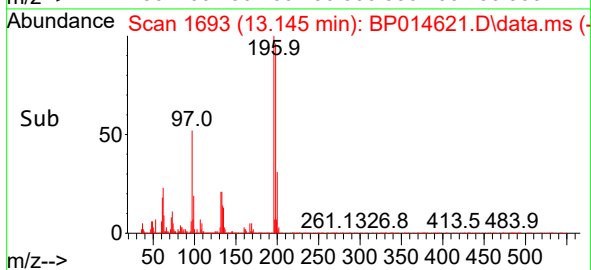
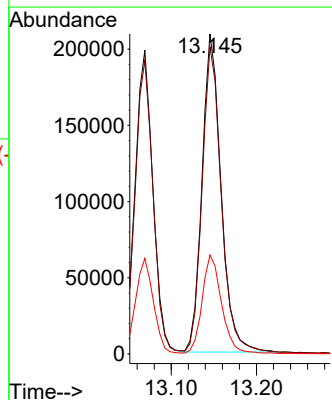
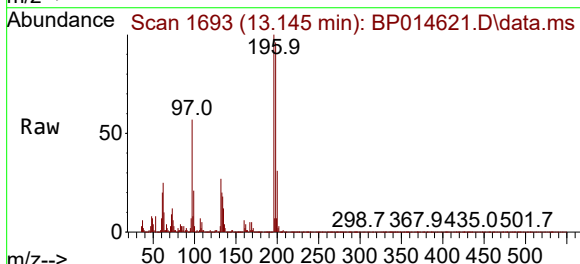
Instrument :
BNA_P
ClientSampleId :
SLCS979

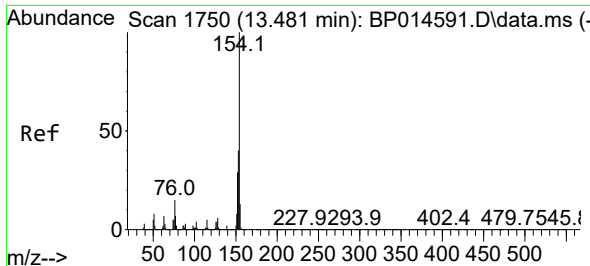
Tgt Ion:196 Resp: 292389
Ion Ratio Lower Upper
196 100
198 96.6 76.6 114.8
200 31.5 25.4 38.2



#42
2,4,5-Trichlorophenol
Concen: 30.581 ng/ul
RT: 13.145 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:196 Resp: 324242
Ion Ratio Lower Upper
196 100
198 95.9 79.8 119.8
200 30.9 25.6 38.4

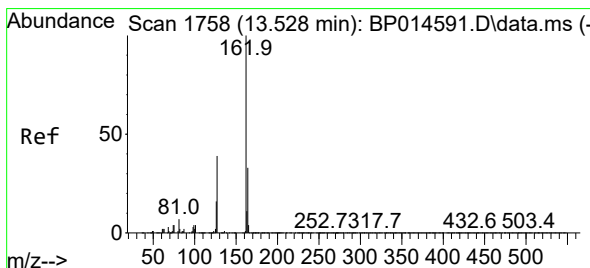
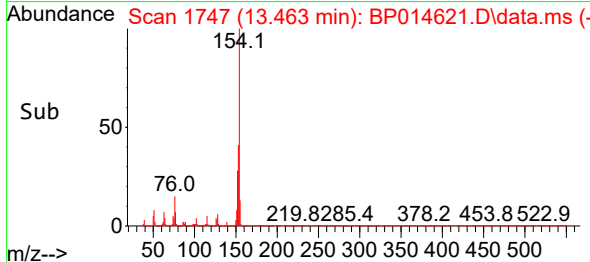
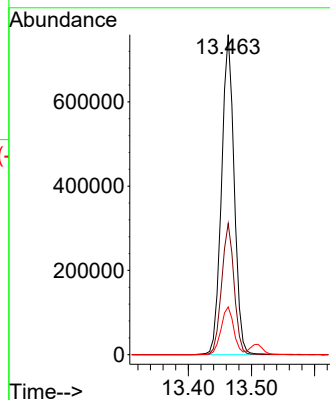
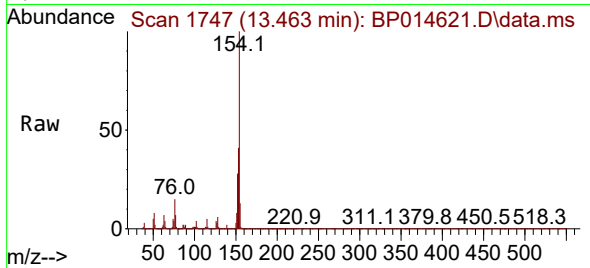




#43
1,1'-Biphenyl
Concen: 29.064 ng/ul
RT: 13.463 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

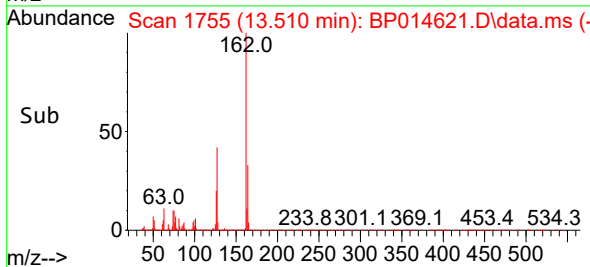
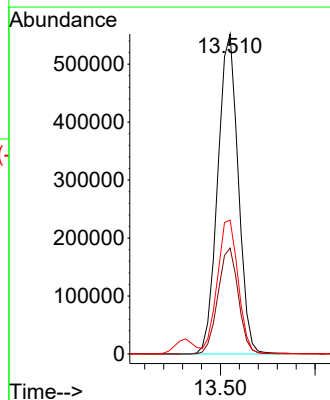
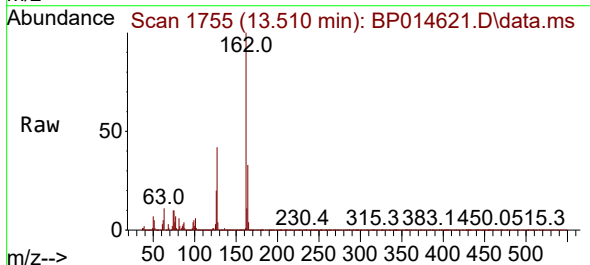
Instrument :
BNA_P
ClientSampleId :
SLCS979

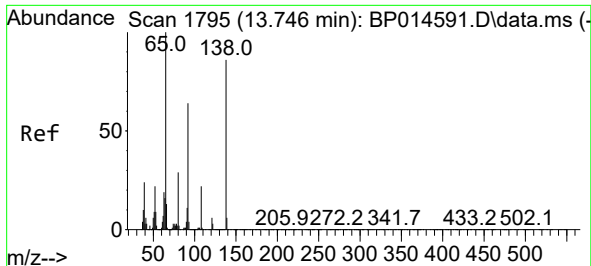
Tgt Ion:154 Resp: 1059957
Ion Ratio Lower Upper
154 100
153 41.0 32.4 48.6
76 14.9 10.7 16.1



#44
2-Chloronaphthalene
Concen: 28.767 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:162 Resp: 829531
Ion Ratio Lower Upper
162 100
164 33.1 26.1 39.1
127 41.8 33.7 50.5

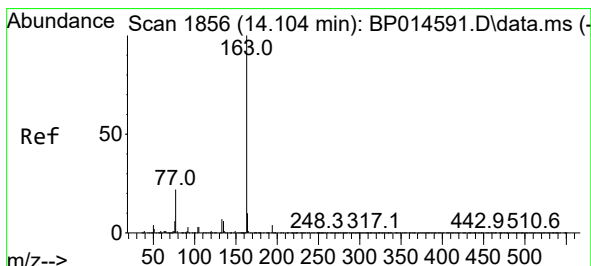
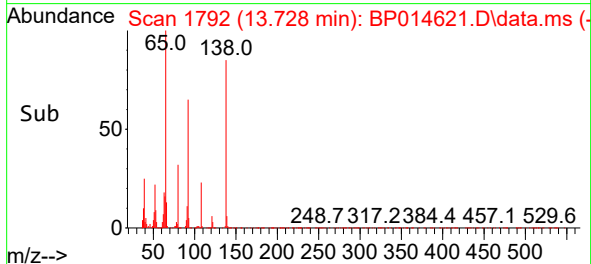
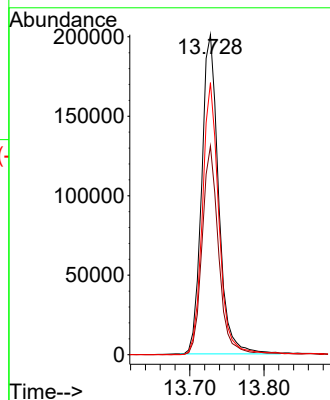
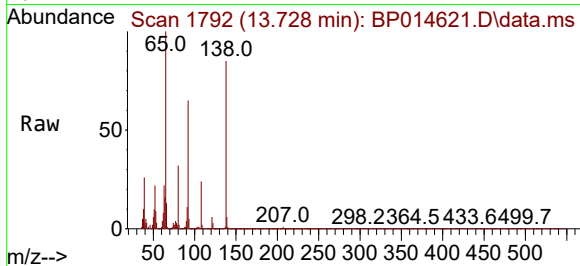




#45
2-Nitroaniline
Concen: 35.771 ng/ul
RT: 13.728 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

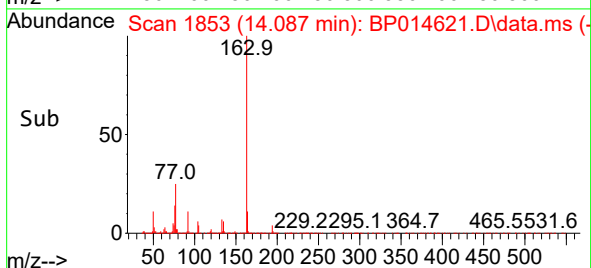
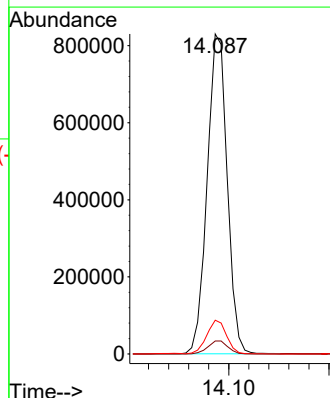
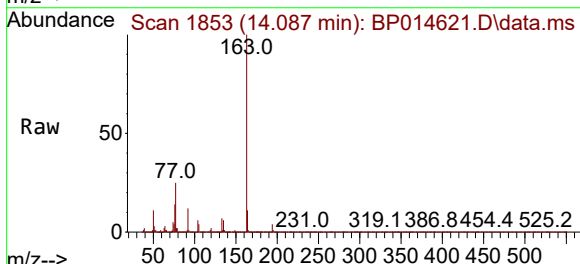
Instrument :
BNA_P
ClientSampleId :
SLCS979

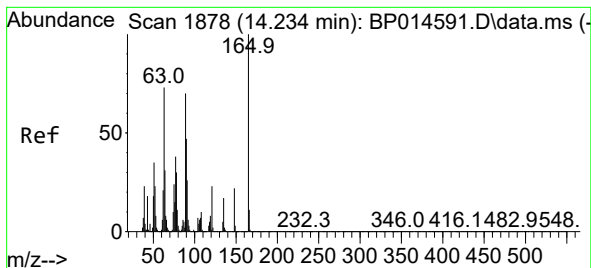
Tgt Ion: 65 Resp: 319439
Ion Ratio Lower Upper
65 100
92 65.2 53.7 80.5
138 85.0 71.7 107.5



#47
Dimethylphthalate
Concen: 31.498 ng/ul
RT: 14.087 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:163 Resp: 1152700
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.6 7.8 11.8





#48

2,6-Dinitrotoluene

Concen: 33.443 ng/ul

RT: 14.222 min Scan# 1876

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

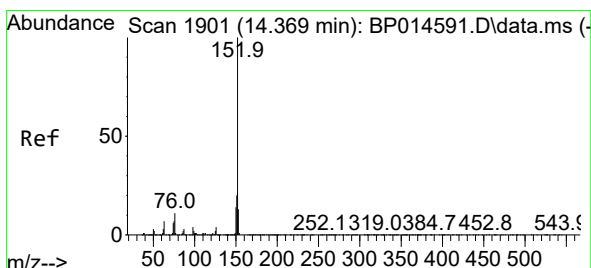
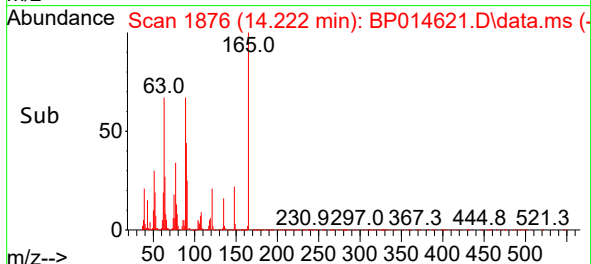
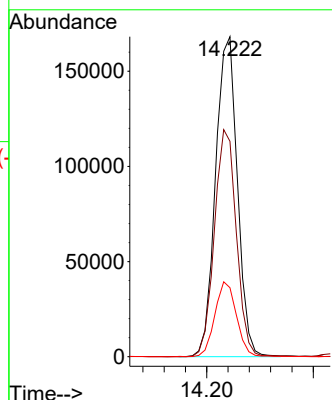
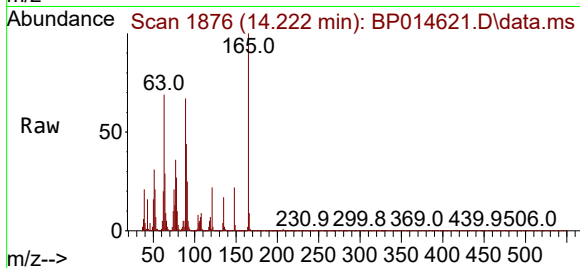
Tgt Ion:165 Resp: 239114

Ion Ratio Lower Upper

165 100

89 67.3 52.7 79.1

121 21.6 17.9 26.9



#50

Acenaphthylene

Concen: 30.821 ng/ul

RT: 14.357 min Scan# 1899

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

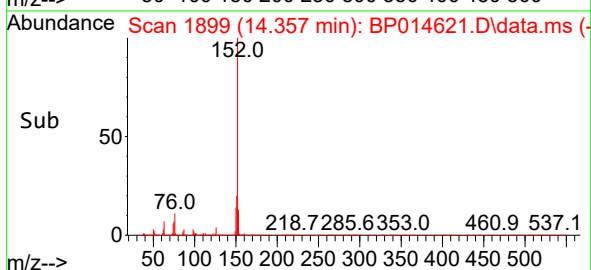
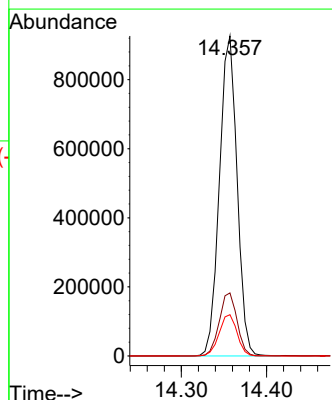
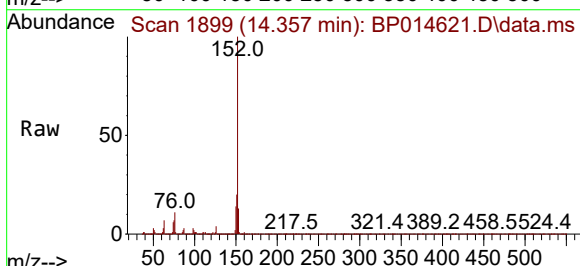
Tgt Ion:152 Resp: 1333101

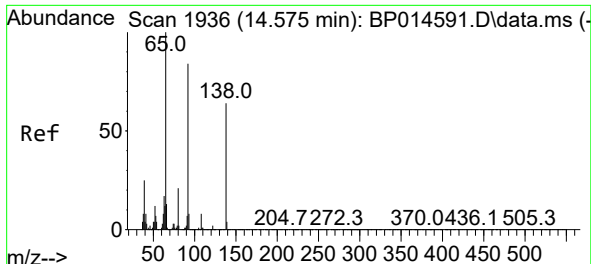
Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

153 12.9 10.2 15.4

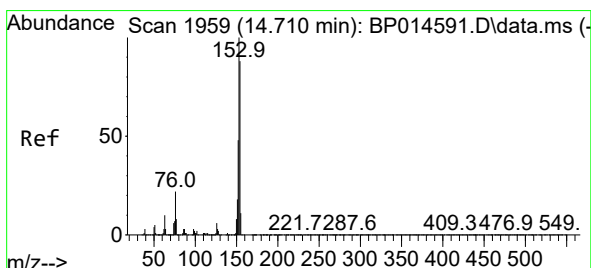
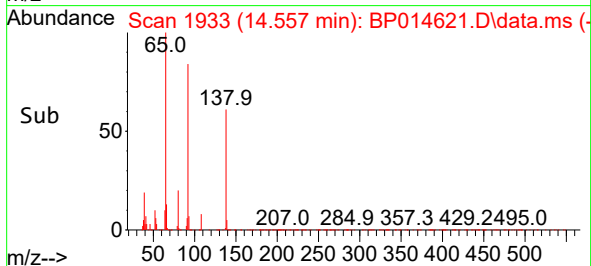
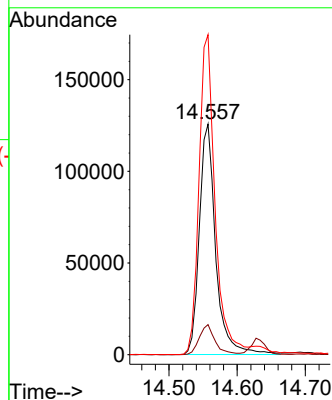
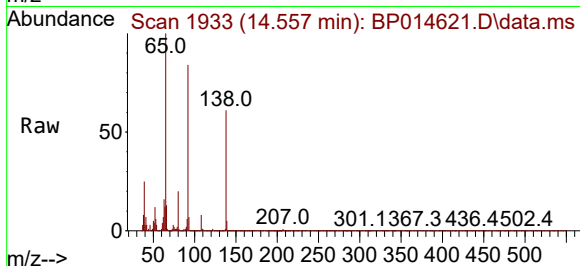




#51
3-Nitroaniline
Concen: 32.821 ng/ul
RT: 14.557 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

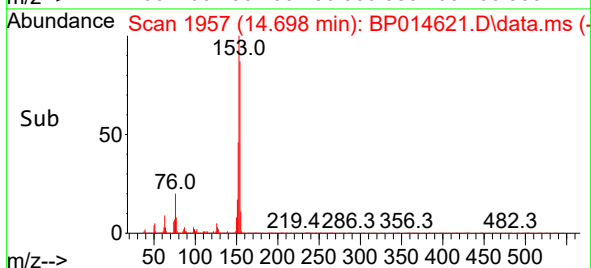
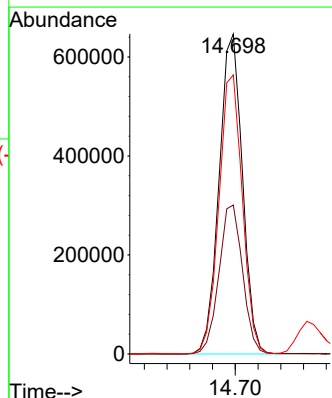
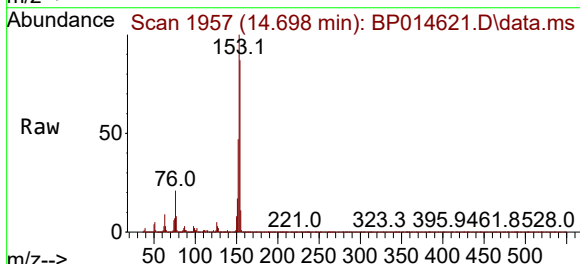
Instrument :
BNA_P
ClientSampleId :
SLCS979

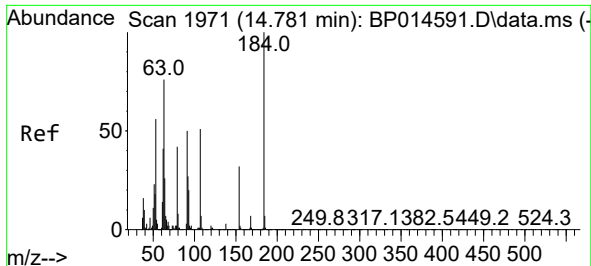
Tgt Ion:138 Resp: 210235
Ion Ratio Lower Upper
138 100
108 13.0 9.9 14.9
92 138.8 107.6 161.4



#52
Acenaphthene
Concen: 30.187 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:153 Resp: 922654
Ion Ratio Lower Upper
153 100
152 46.5 38.2 57.4
154 87.2 70.2 105.2

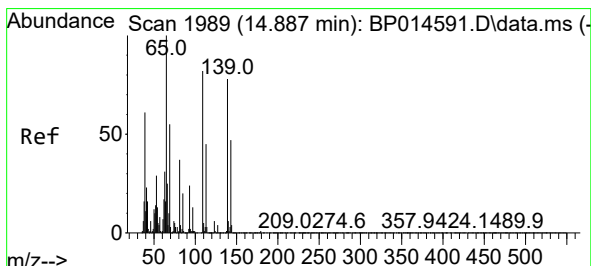
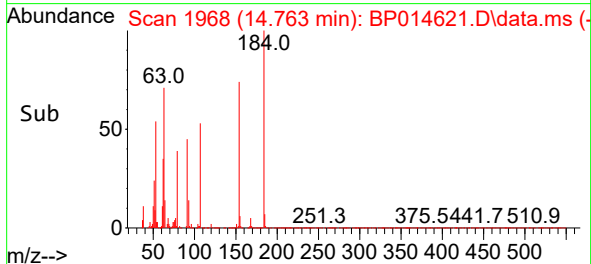
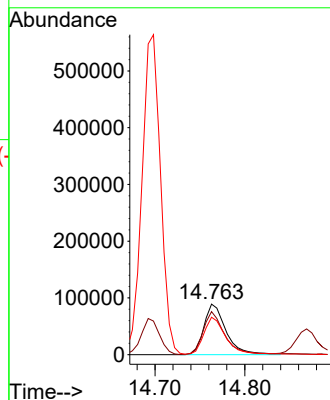
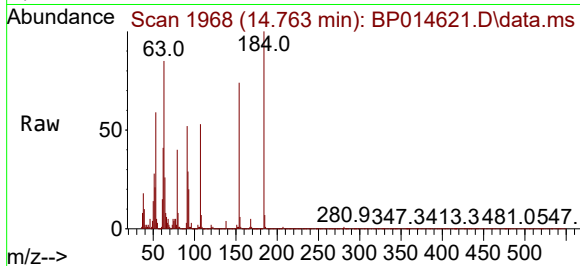




#53
2,4-Dinitrophenol
Concen: 32.959 ng/ul
RT: 14.763 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

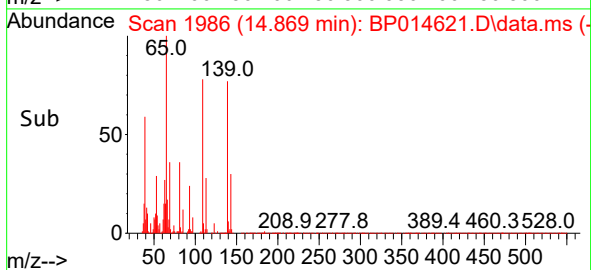
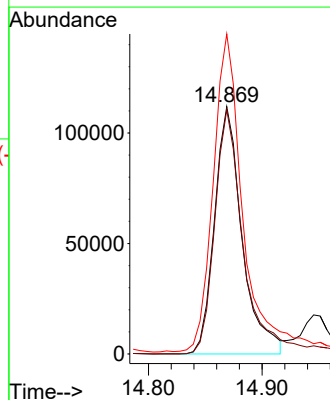
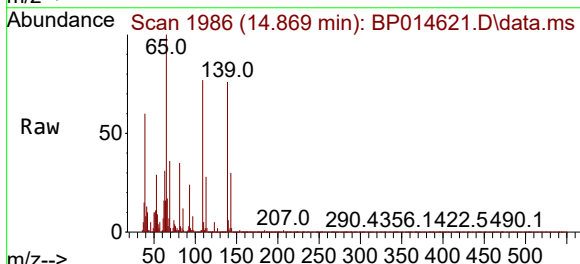
Instrument :
BNA_P
ClientSampleId :
SLCS979

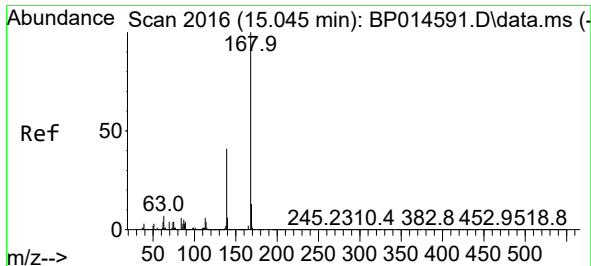
Tgt Ion:184 Resp: 152604
Ion Ratio Lower Upper
184 100
63 85.1 57.1 85.7
154 74.0 55.3 82.9



#55
4-Nitrophenol
Concen: 34.579 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:109 Resp: 188701
Ion Ratio Lower Upper
109 100
139 98.7 77.4 116.2
65 129.4 97.3 145.9

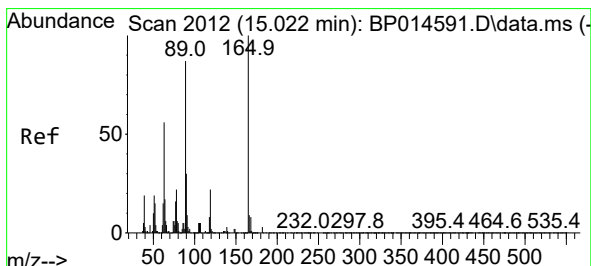
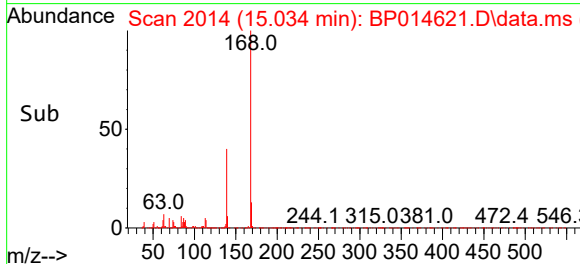
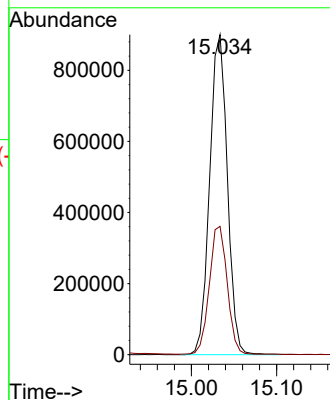
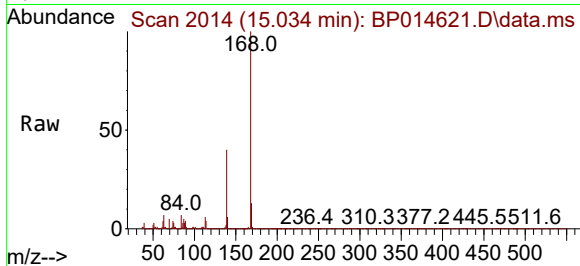




#56
Dibenzofuran
Concen: 30.272 ng/ul
RT: 15.034 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

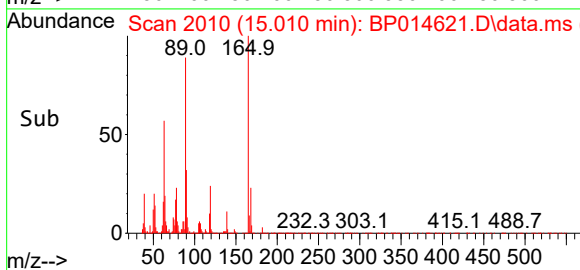
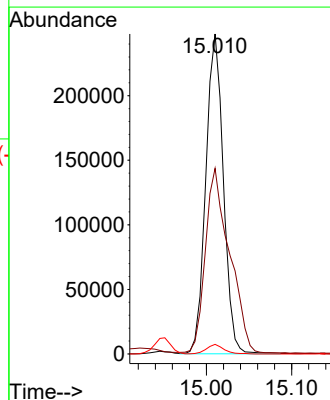
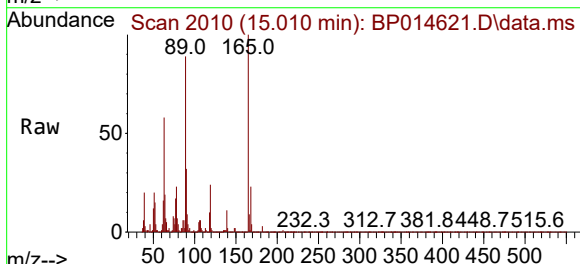
Instrument :
BNA_P
ClientSampleId :
SLCS979

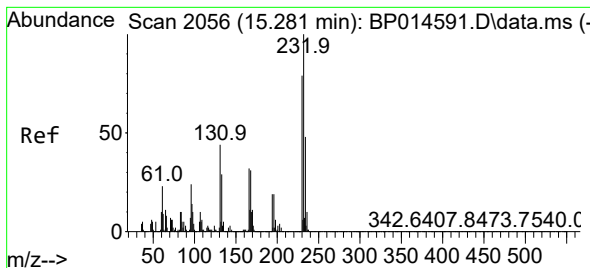
Tgt Ion:168 Resp: 1300658
Ion Ratio Lower Upper
168 100
139 40.1 32.1 48.1



#57
2,4-Dinitrotoluene
Concen: 35.010 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:165 Resp: 355067
Ion Ratio Lower Upper
165 100
63 58.0 41.6 62.4
182 3.0 2.4 3.6

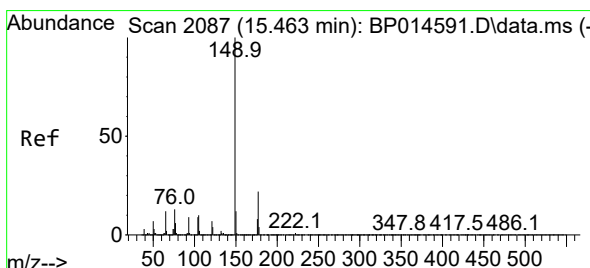
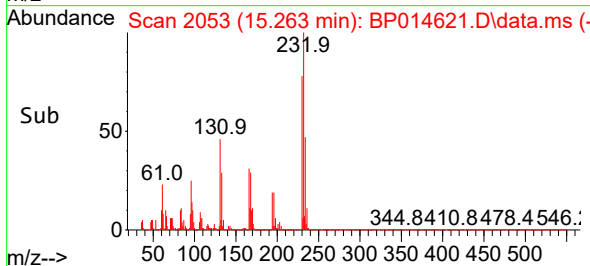
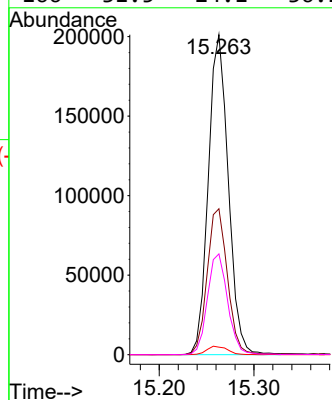
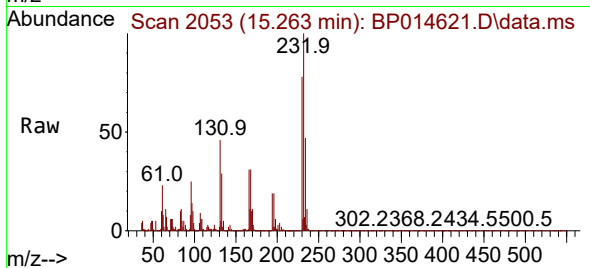




#58
2,3,4,6-Tetrachlorophenol
Concen: 31.031 ng/ul
RT: 15.263 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

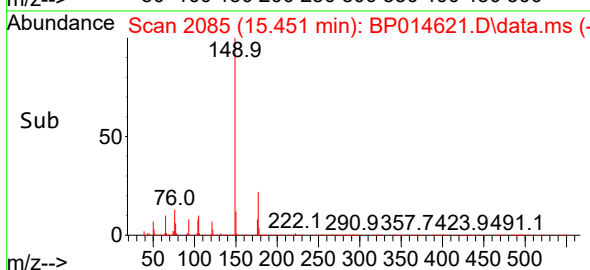
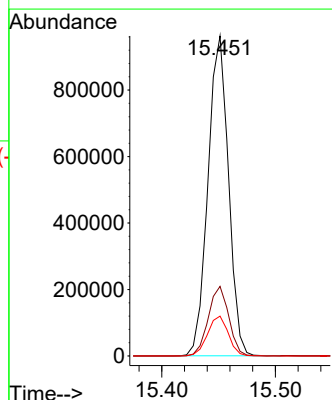
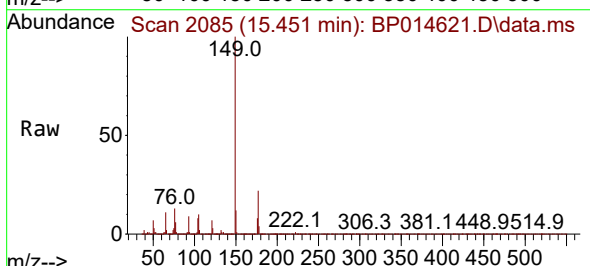
Instrument :
BNA_P
ClientSampleId :
SLCS979

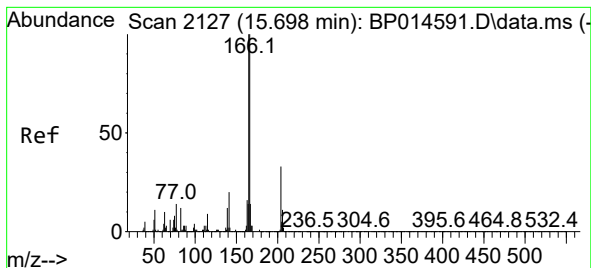
Tgt Ion:232 Resp: 295709
Ion Ratio Lower Upper
232 100
131 45.6 35.0 52.4
130 2.3 1.9 2.9
166 31.5 24.1 36.1



#59
Diethylphthalate
Concen: 33.165 ng/ul
RT: 15.451 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:149 Resp: 1206097
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.5 9.8 14.8





#61

Fluorene

Concen: 31.355 ng/ul

RT: 15.686 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

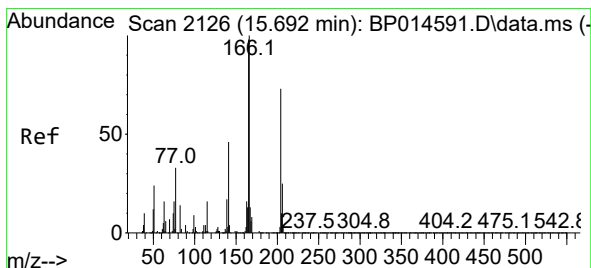
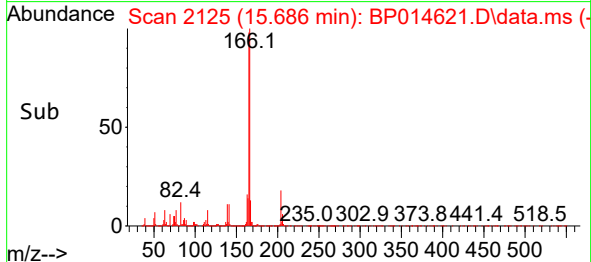
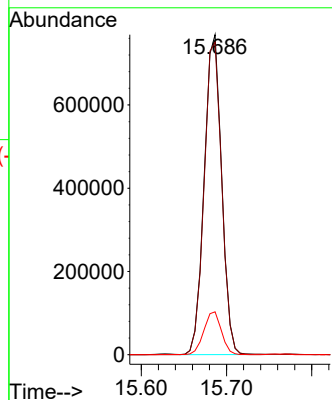
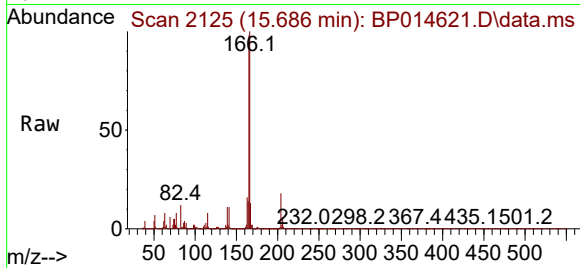
Tgt Ion:166 Resp: 1091967

Ion Ratio Lower Upper

166 100

165 97.6 79.2 118.8

167 13.4 11.0 16.4



#62

4-Chlorophenyl-phenylether

Concen: 30.188 ng/ul

RT: 15.675 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

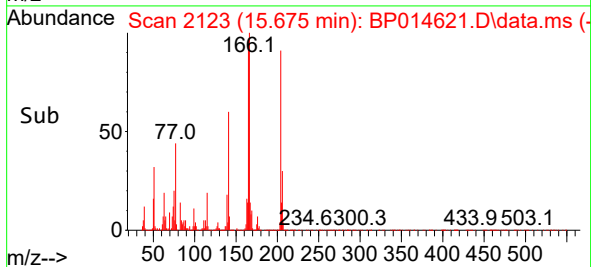
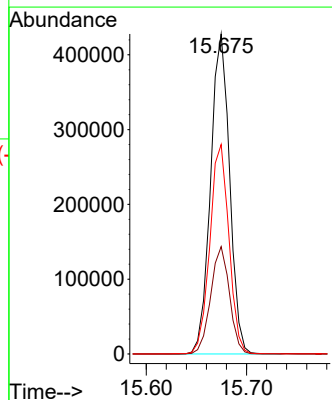
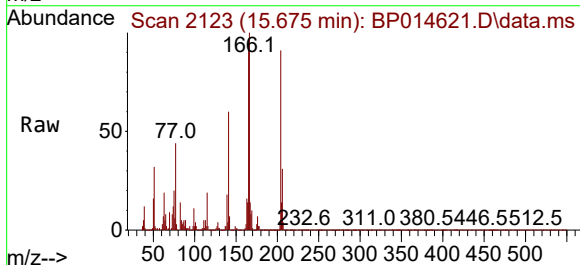
Tgt Ion:204 Resp: 564828

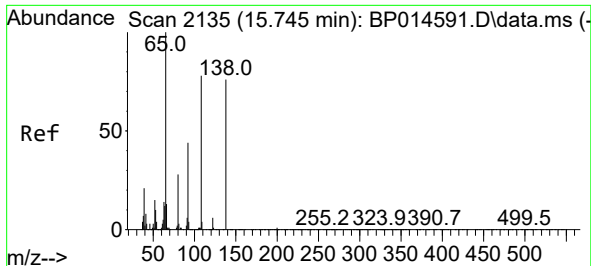
Ion Ratio Lower Upper

204 100

206 33.6 26.9 40.3

141 65.5 51.3 76.9

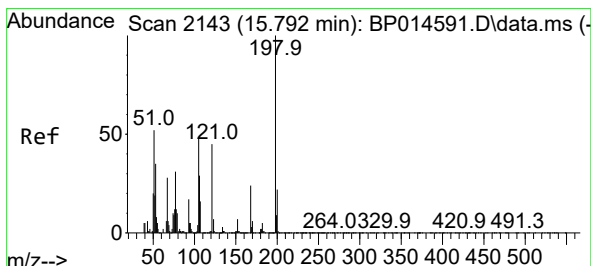
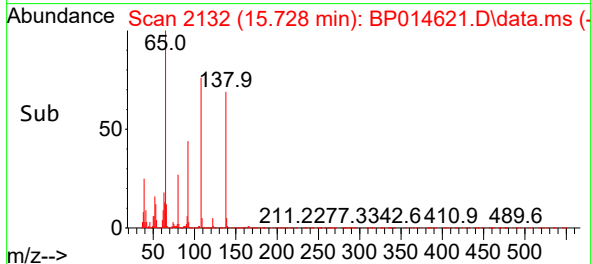
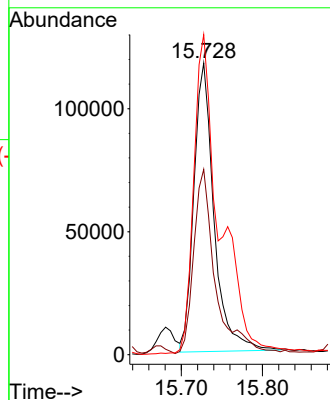
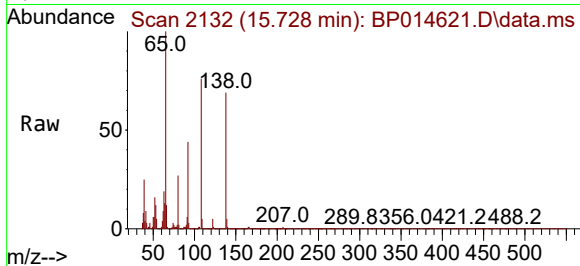




#63
4-Nitroaniline
Concen: 38.875 ng/ul
RT: 15.728 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

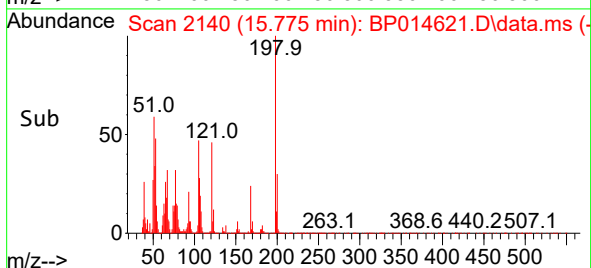
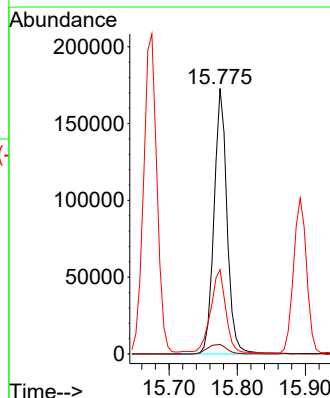
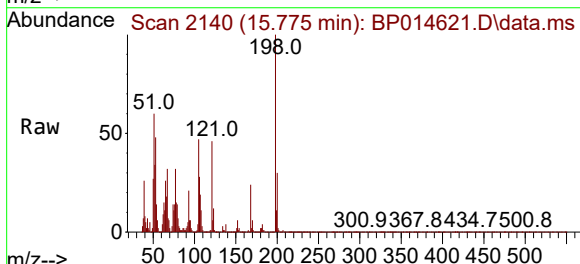
Instrument :
BNA_P
ClientSampleId :
SLCS979

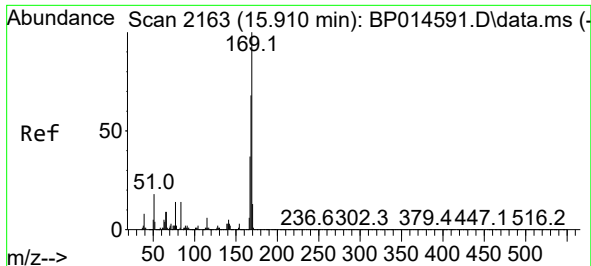
Tgt Ion:138 Resp: 202322
Ion Ratio Lower Upper
138 100
92 63.5 47.8 71.6
108 109.7 82.3 123.5



#66
4,6-Dinitro-2-methylphenol
Concen: 31.251 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:198 Resp: 229917
Ion Ratio Lower Upper
198 100
182 3.6 3.5 5.3
77 31.8 24.4 36.6

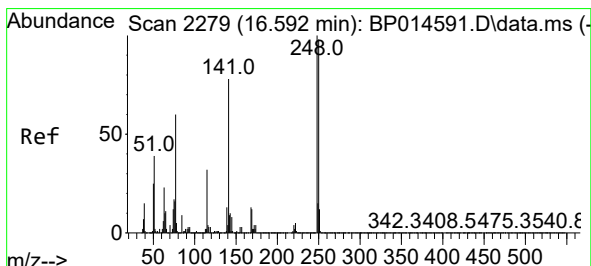
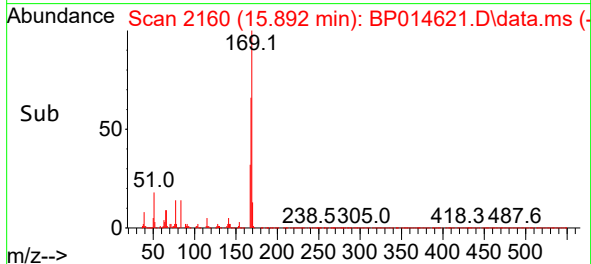
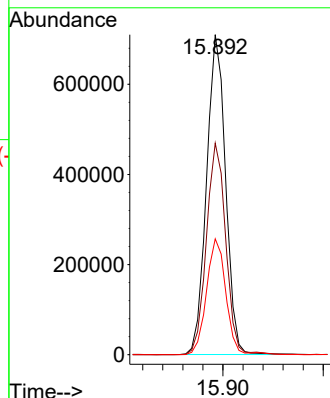
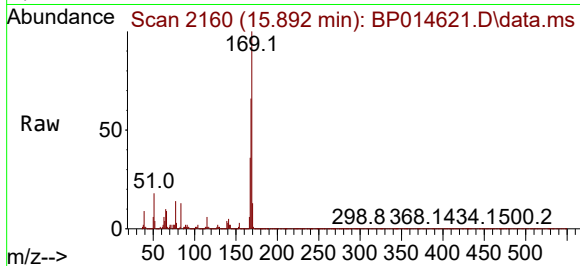




#67
N-Nitrosodiphenylamine
Concen: 29.200 ng/ul
RT: 15.892 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

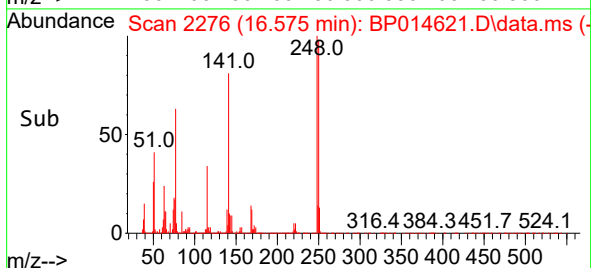
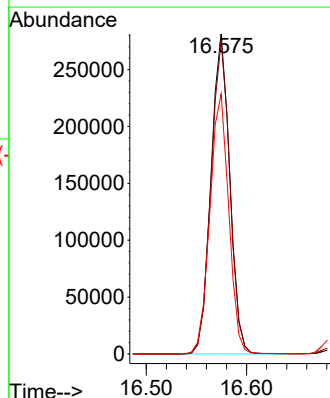
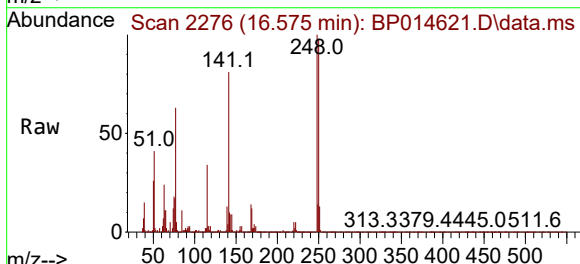
Instrument :
BNA_P
ClientSampleId :
SLCS979

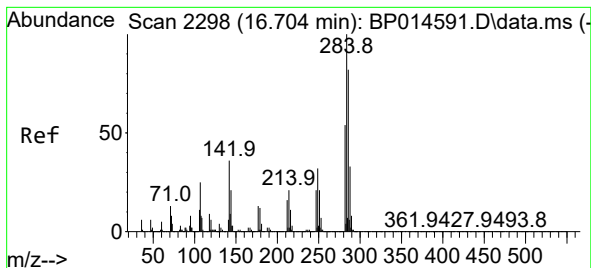
Tgt Ion:169 Resp: 937342
Ion Ratio Lower Upper
169 100
168 66.1 54.2 81.2
167 36.2 29.4 44.2



#68
4-Bromophenyl-phenylether
Concen: 28.493 ng/ul
RT: 16.575 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:248 Resp: 365795
Ion Ratio Lower Upper
248 100
250 97.9 78.1 117.1
141 81.3 66.0 99.0





#69

Hexachlorobenzene

Concen: 29.032 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

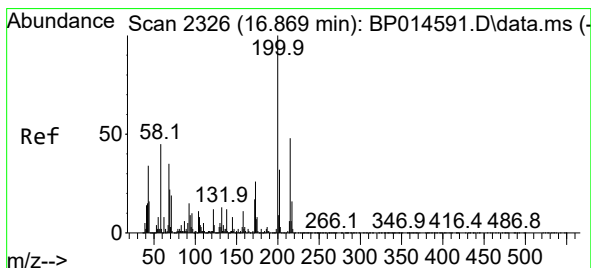
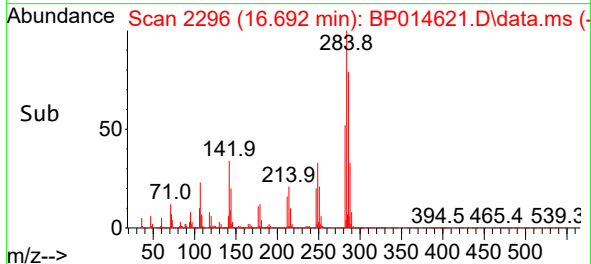
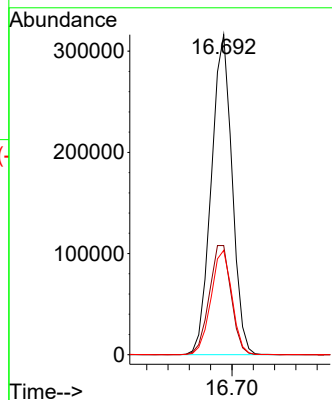
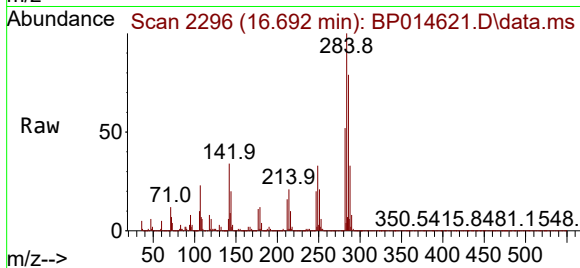
Tgt Ion:284 Resp: 428126

Ion Ratio Lower Upper

284 100

142 34.1 26.6 39.8

249 32.6 25.7 38.5



#70

Atrazine

Concen: 8.115 ng/ul

RT: 16.851 min Scan# 2323

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

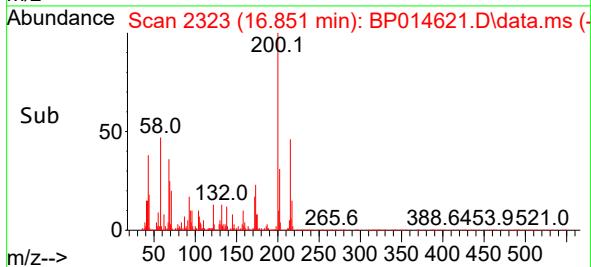
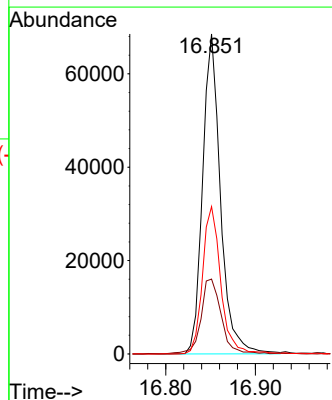
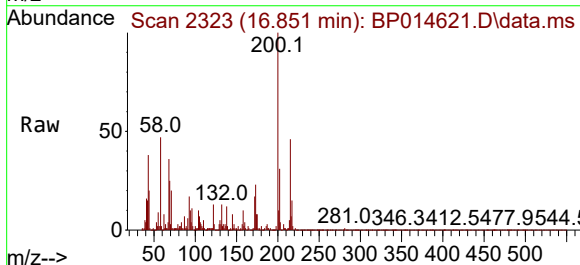
Tgt Ion:200 Resp: 94832

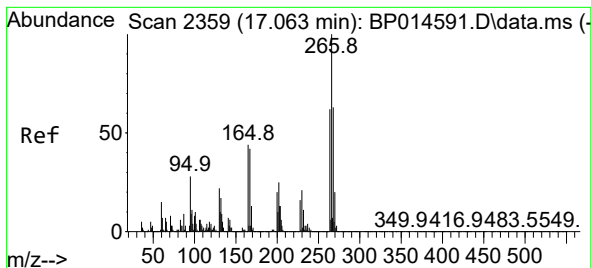
Ion Ratio Lower Upper

200 100

173 23.4 20.6 30.8

215 46.1 37.2 55.8





#71

Pentachlorophenol

Concen: 27.829 ng/ul

RT: 17.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

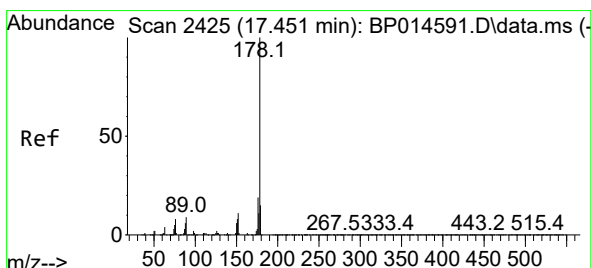
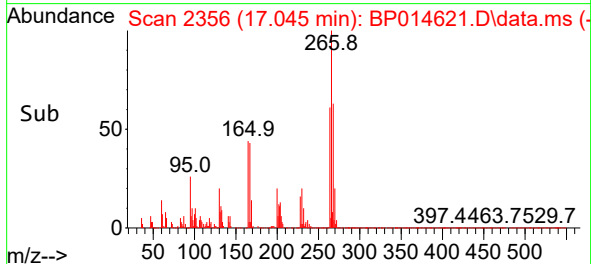
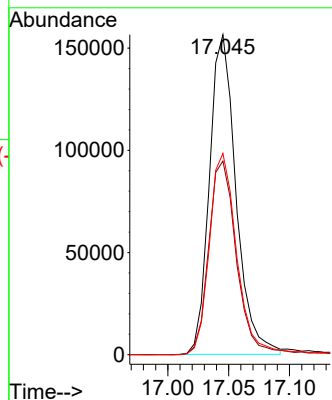
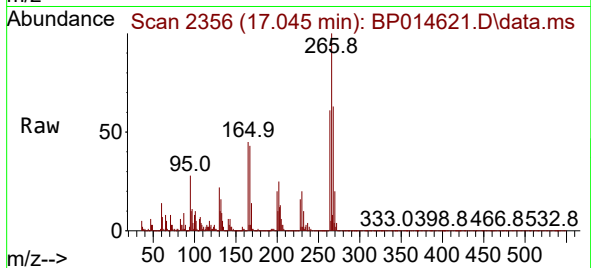
Tgt Ion:266 Resp: 237744

Ion Ratio Lower Upper

266 100

264 60.5 51.0 76.4

268 62.9 51.4 77.2



#72

Phenanthrene

Concen: 30.829 ng/ul

RT: 17.439 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

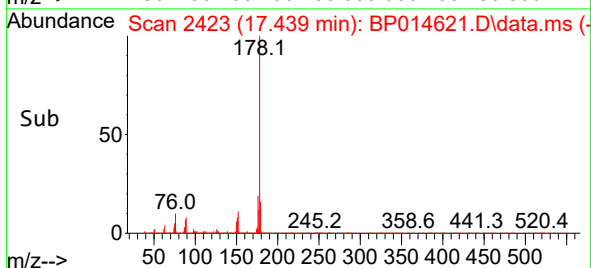
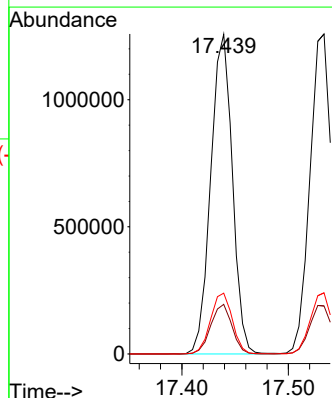
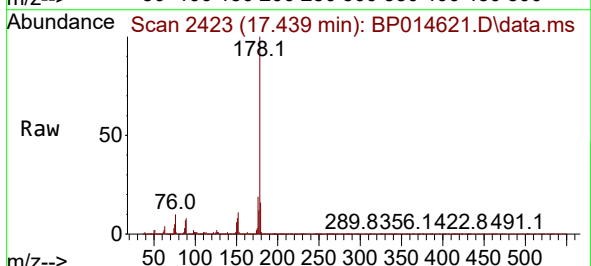
Tgt Ion:178 Resp: 1769546

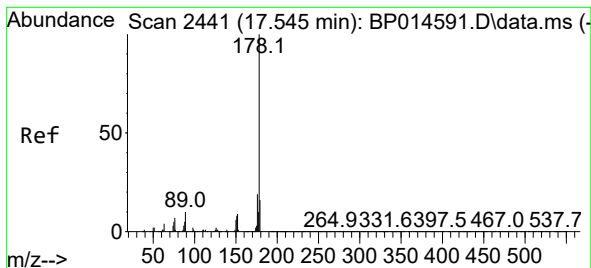
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.0 15.3 22.9





#74

Anthracene

Concen: 31.279 ng/uI

RT: 17.533 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

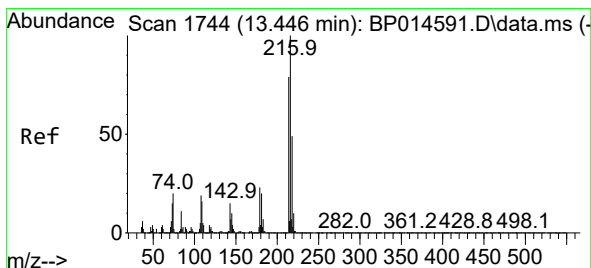
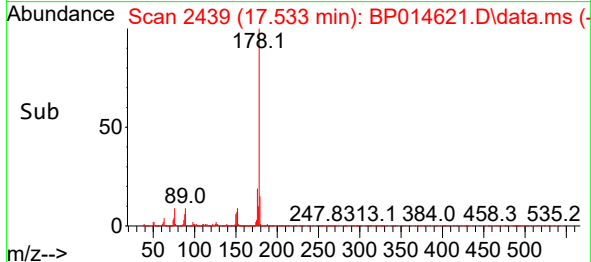
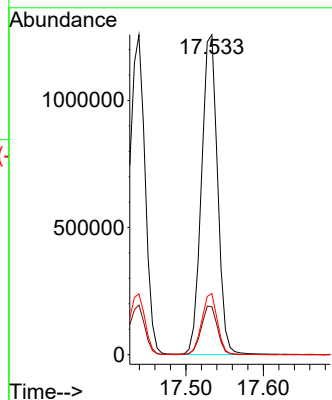
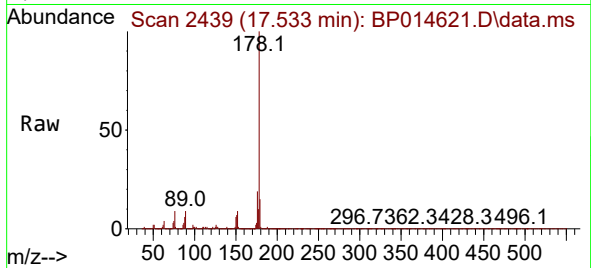
Tgt Ion:178 Resp: 1809481

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

176 19.1 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.135 ng/uI

RT: 13.428 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

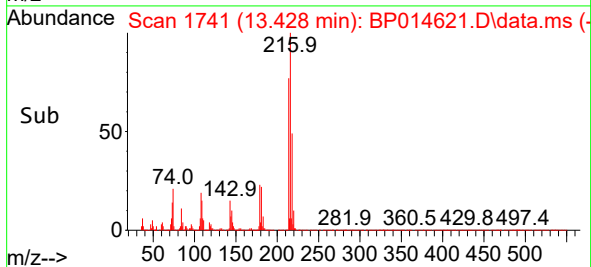
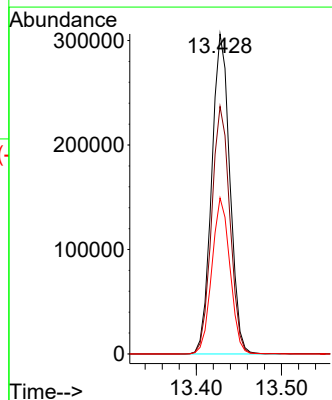
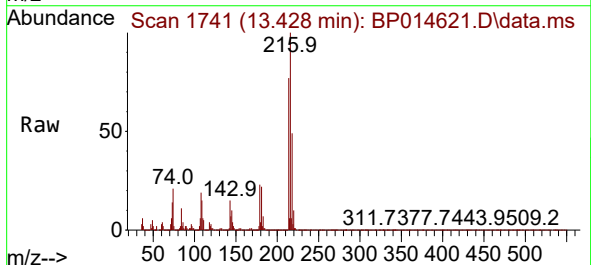
Tgt Ion:216 Resp: 456479

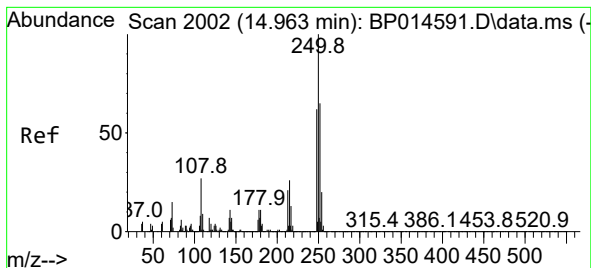
Ion Ratio Lower Upper

216 100

214 77.3 61.0 91.6

218 48.7 38.7 58.1





#76

Pentachlorobenzene

Concen: 26.784 ng/uL

RT: 14.951 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

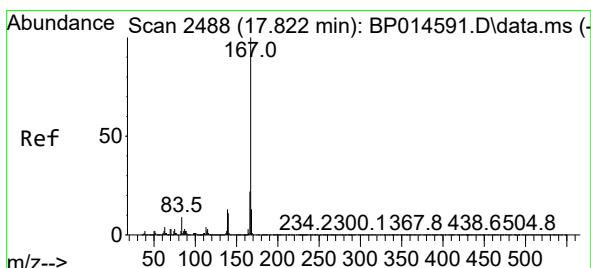
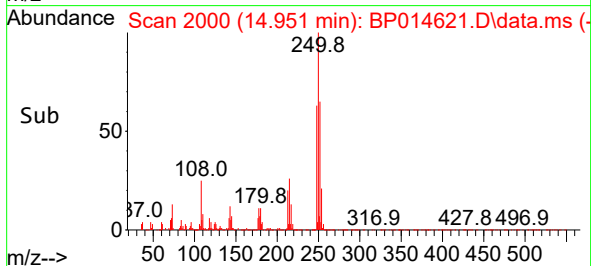
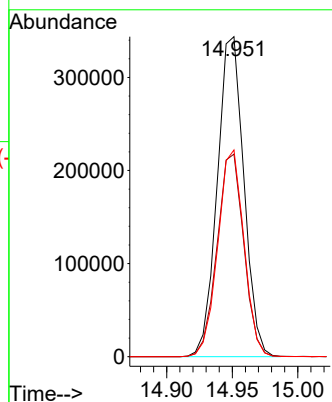
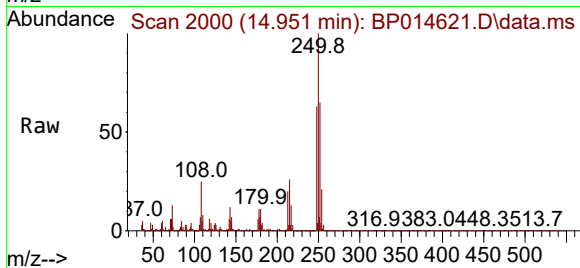
Tgt Ion:250 Resp: 485362

Ion Ratio Lower Upper

250 100

248 63.3 49.0 73.6

252 64.6 50.7 76.1



#77

Carbazole

Concen: 32.300 ng/uL

RT: 17.804 min Scan# 2485

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

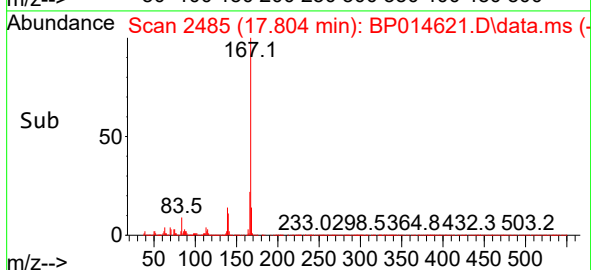
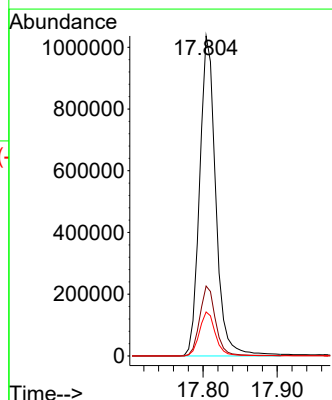
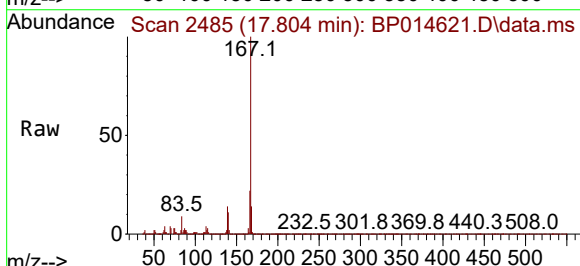
Tgt Ion:167 Resp: 1563719

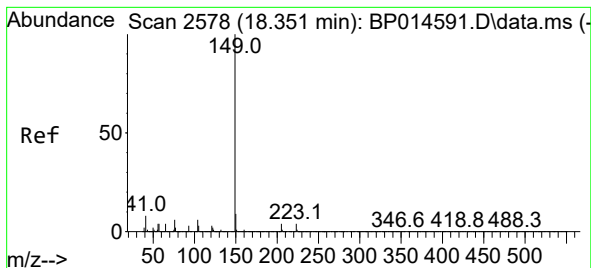
Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.7 11.3 16.9





#78

Di-n-butylphthalate

Concen: 34.536 ng/ul

RT: 18.333 min Scan# 2102327

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

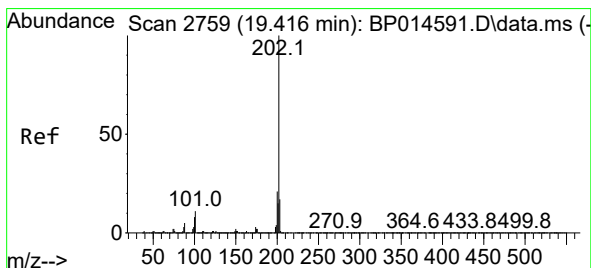
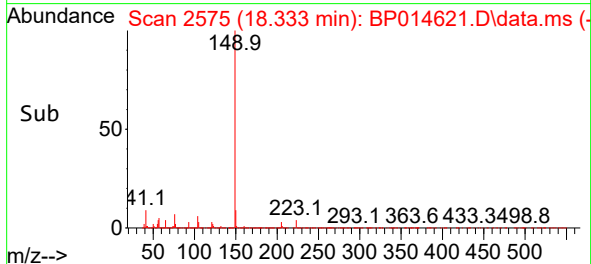
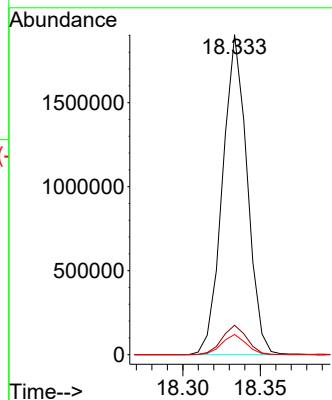
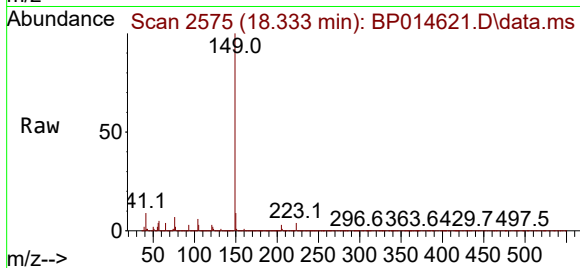
Tgt Ion:149 Resp: 2102327

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.3 4.8 7.2



#80

Fluoranthene

Concen: 29.658 ng/ul

RT: 19.398 min Scan# 2756

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

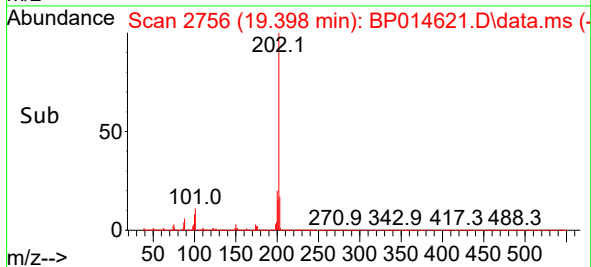
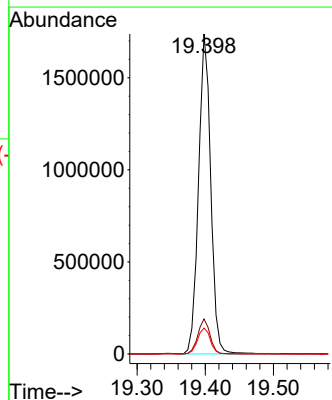
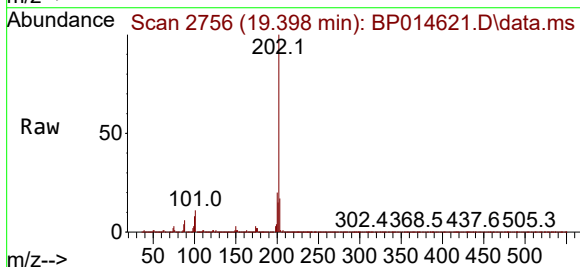
Tgt Ion:202 Resp: 2158351

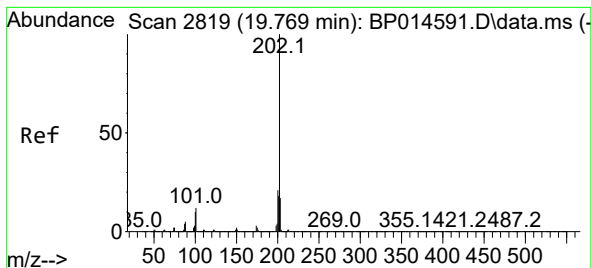
Ion Ratio Lower Upper

202 100

101 10.9 8.2 12.2

100 8.1 6.4 9.6





#82

Pyrene

Concen: 29.361 ng/ul

RT: 19.751 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

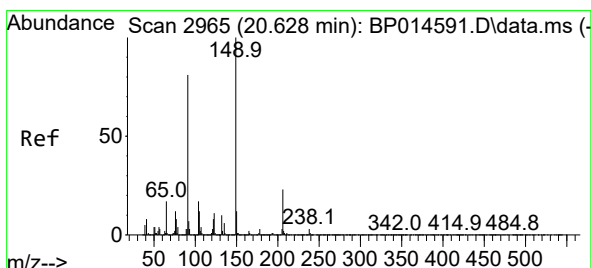
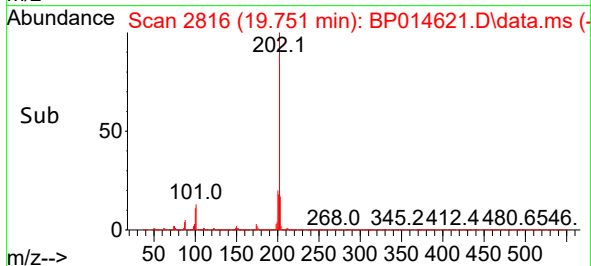
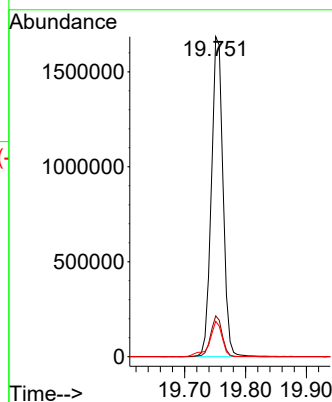
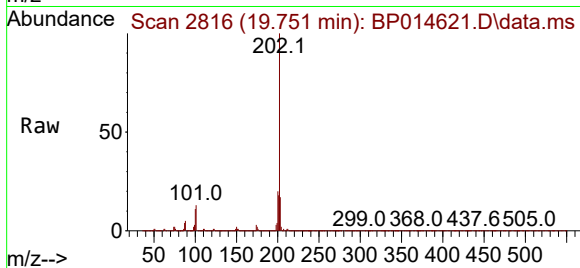
Tgt Ion:202 Resp: 2230793

Ion Ratio Lower Upper

202 100

101 12.7 9.7 14.5

100 11.0 8.0 12.0



#83

Butylbenzylphthalate

Concen: 36.712 ng/ul

RT: 20.610 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

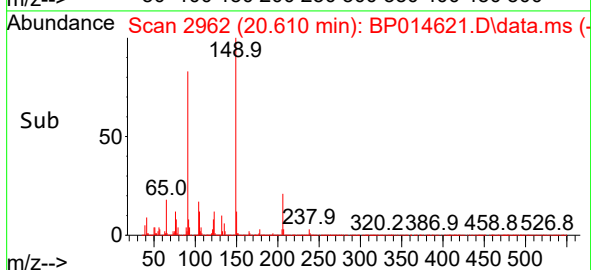
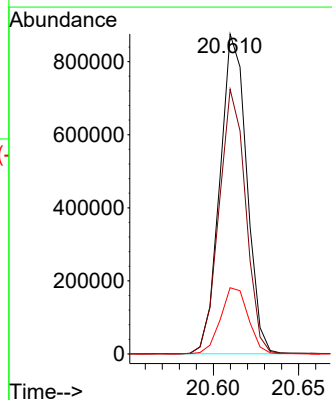
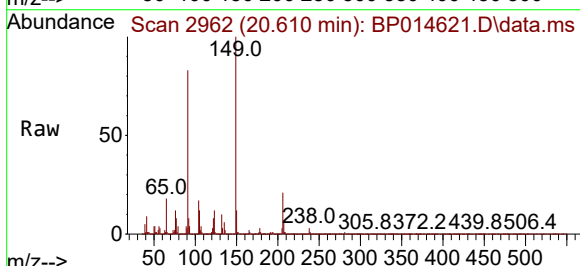
Tgt Ion:149 Resp: 960819

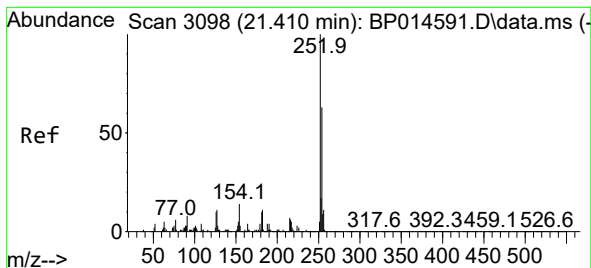
Ion Ratio Lower Upper

149 100

91 82.7 61.8 92.8

206 20.7 17.8 26.6





#84

3,3'-Dichlorobenzidine

Concen: 26.217 ng/ul

RT: 21.398 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

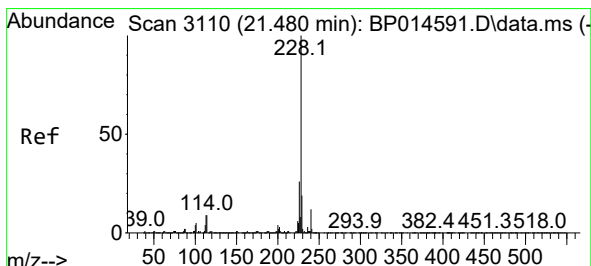
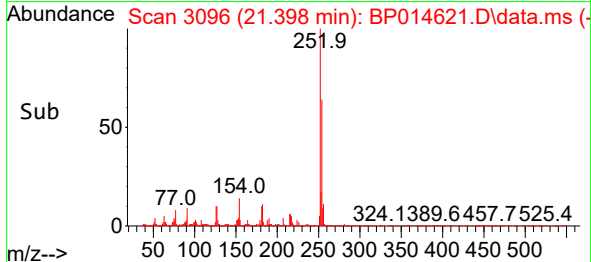
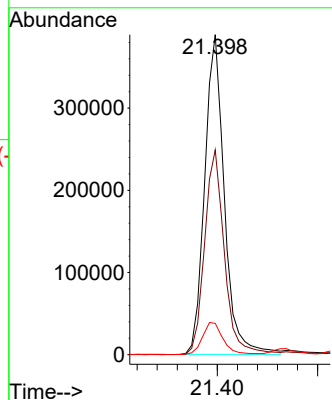
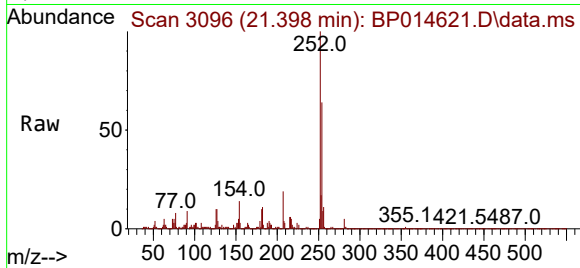
Tgt Ion:252 Resp: 531308

Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.0

126 9.8 7.8 11.6



#85

Benzo(a)anthracene

Concen: 31.148 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

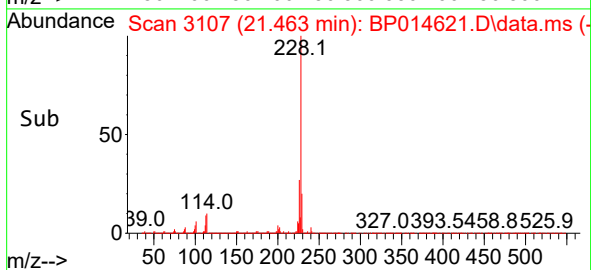
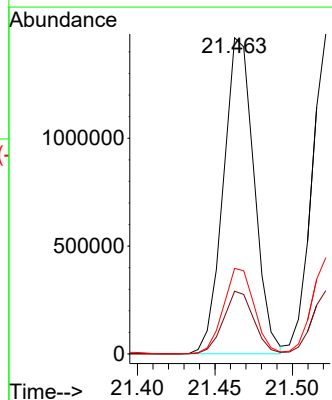
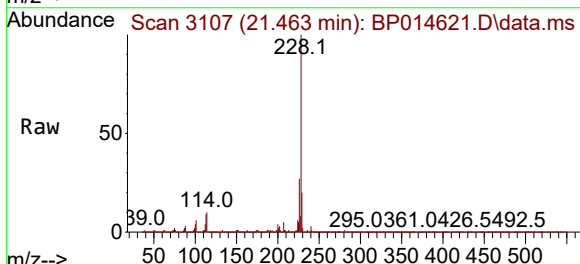
Tgt Ion:228 Resp: 2022578

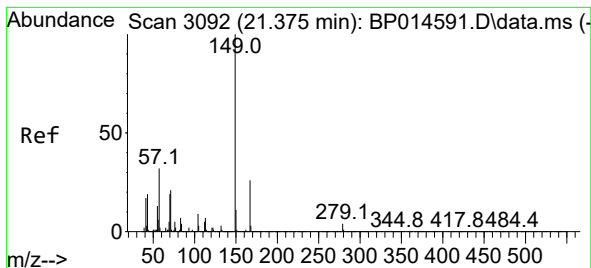
Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 27.1 21.8 32.6

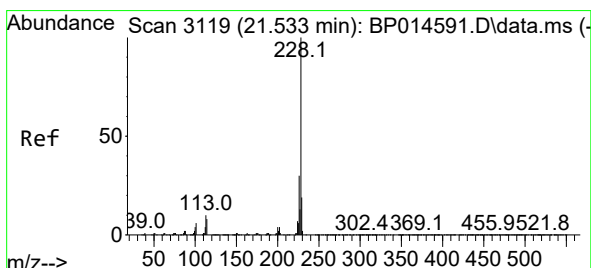
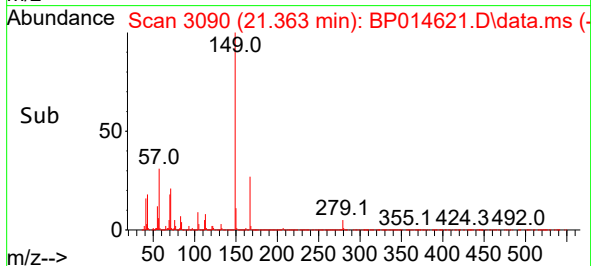
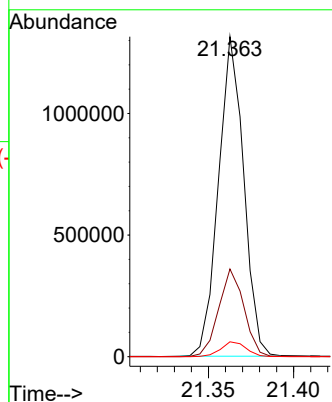
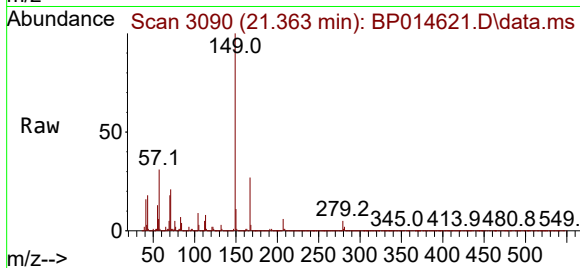




#86
Bis(2-ethylhexyl)phthalate
Concen: 37.767 ng/ul
RT: 21.363 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

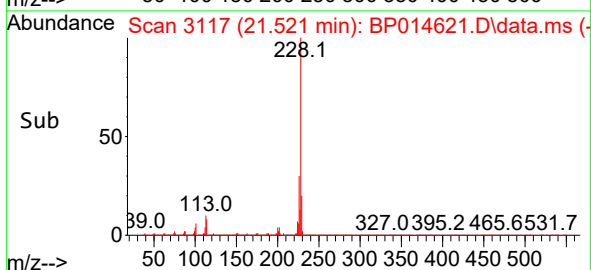
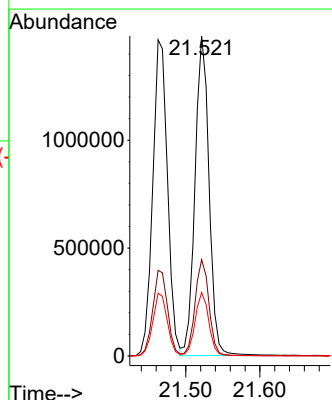
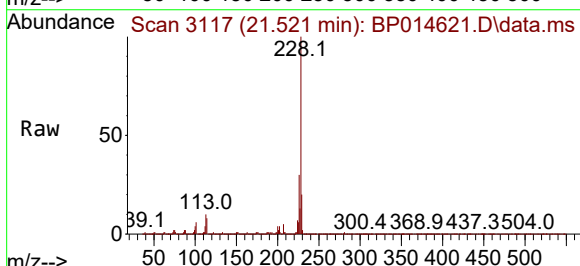
Instrument :
BNA_P
ClientSampleId :
SLCS979

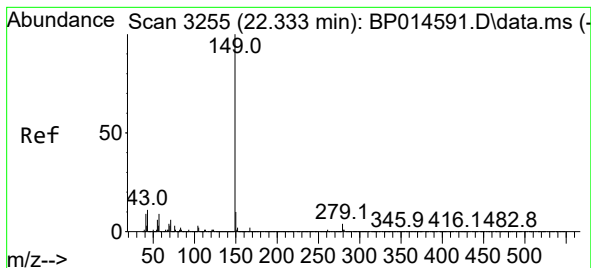
Tgt Ion:149 Resp: 1351620
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 4.7 3.7 5.5



#87
Chrysene
Concen: 31.763 ng/ul
RT: 21.521 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:228 Resp: 1947487
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.8 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 40.589 ng/ul

RT: 22.316 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

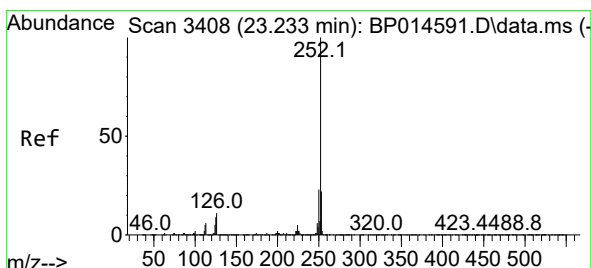
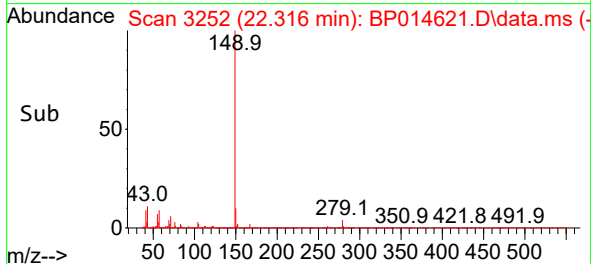
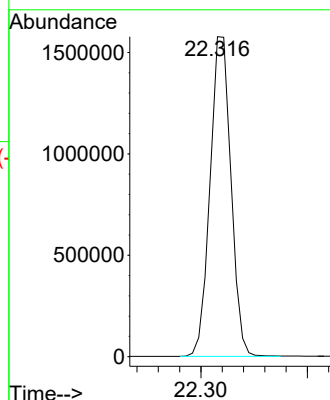
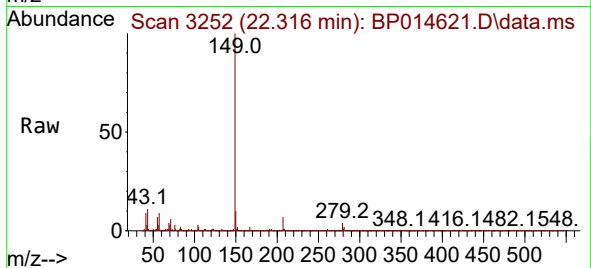
Instrument :

BNA_P

ClientSampleId :

SLCS979

Tgt Ion:149 Resp: 2153847



#90

Benzo(b)fluoranthene

Concen: 32.201 ng/ul

RT: 23.215 min Scan# 3405

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

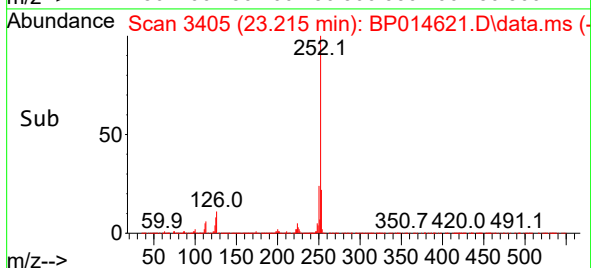
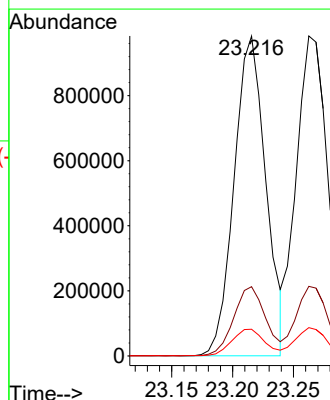
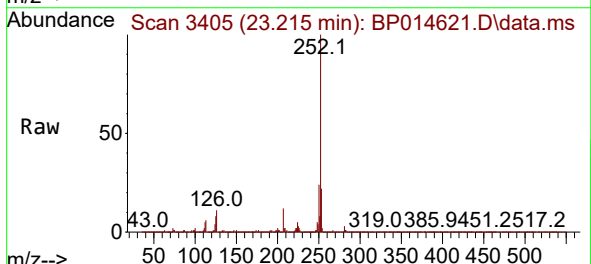
Tgt Ion:252 Resp: 1778326

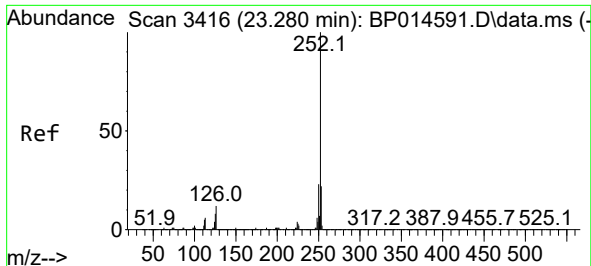
Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 8.3 6.8 10.2

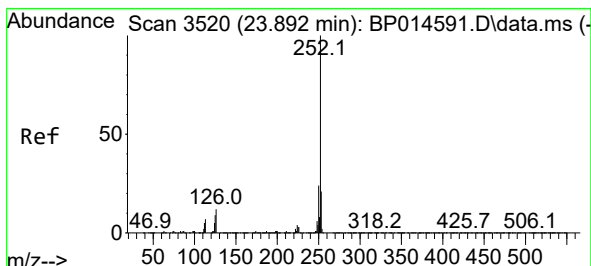
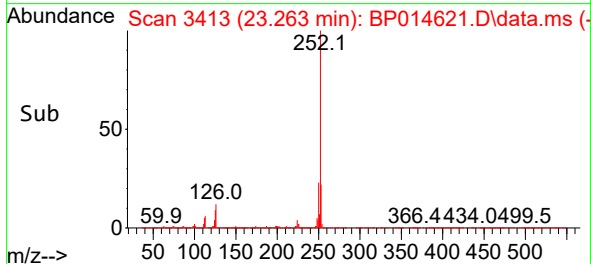
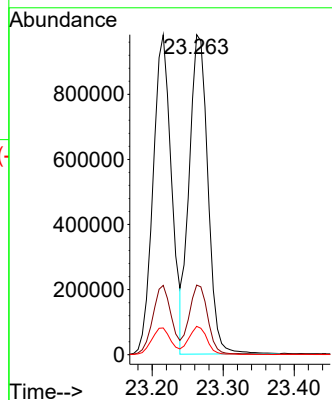
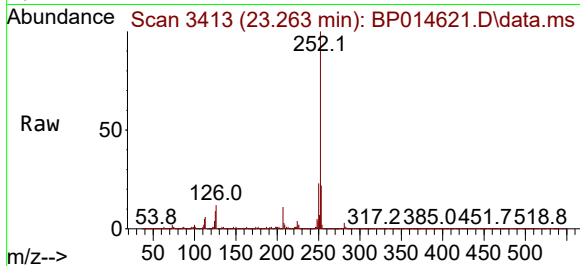




#91
Benzo(k)fluoranthene
Concen: 33.308 ng/ul
RT: 23.263 min Scan# 3416
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

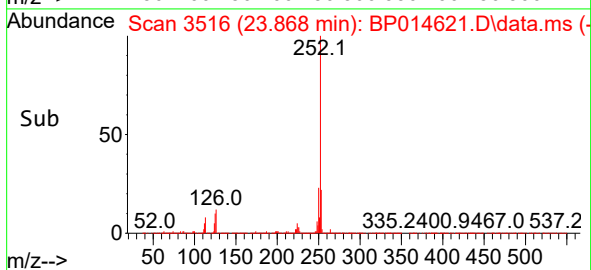
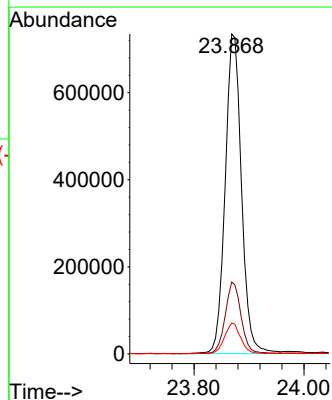
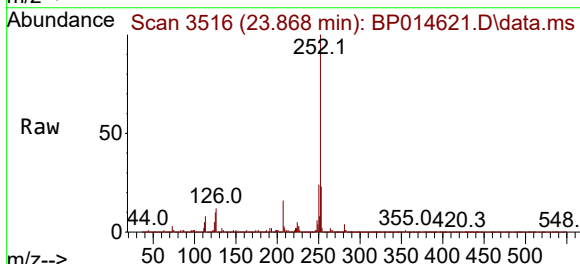
Instrument :
BNA_P
ClientSampleId :
SLCS979

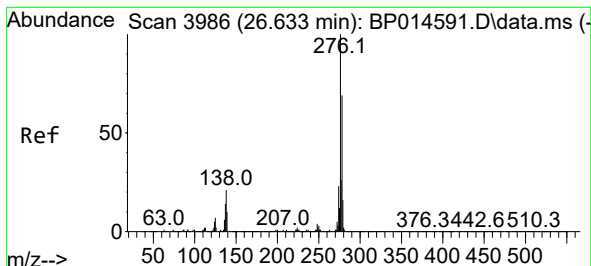
Tgt Ion:252 Resp: 1786606
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.9 6.9 10.3



#93
Benzo(a)pyrene
Concen: 31.763 ng/ul
RT: 23.868 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Tgt Ion:252 Resp: 1509900
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 9.7 6.8 10.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 28.019 ng/ul

RT: 26.609 min Scan# 3982

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

Instrument :

BNA_P

ClientSampleId :

SLCS979

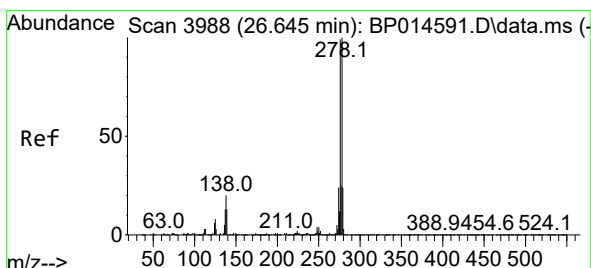
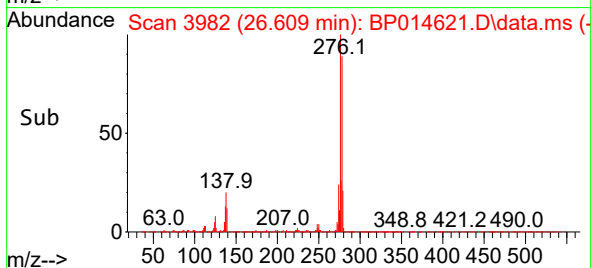
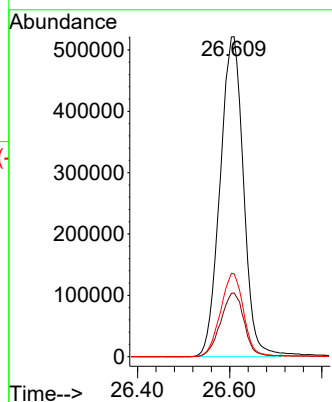
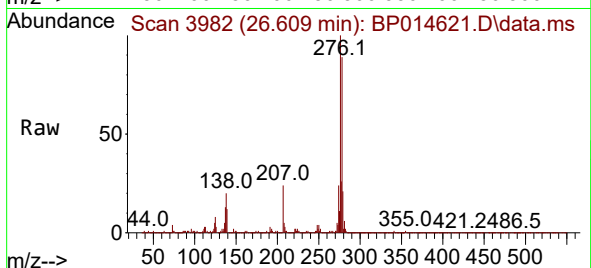
Tgt Ion:276 Resp: 1832468

Ion Ratio Lower Upper

276 100

138 19.9 14.9 22.3

277 25.9 20.3 30.5



#95

Dibenzo(a,h)anthracene

Concen: 27.962 ng/ul

RT: 26.621 min Scan# 3984

Delta R.T. -0.000 min

Lab File: BP014621.D

Acq: 08 Apr 2023 00:36

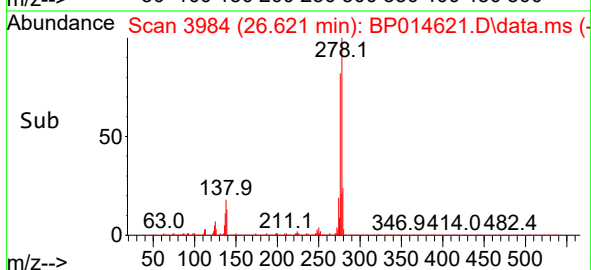
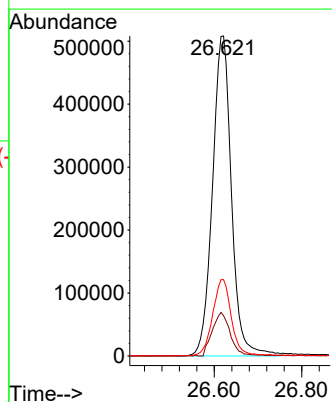
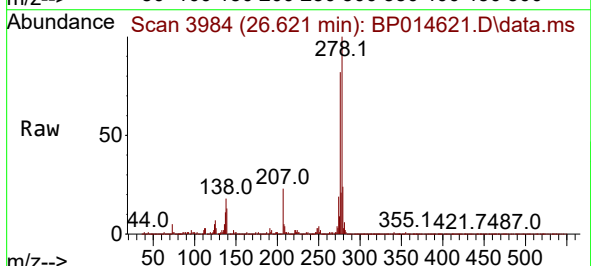
Tgt Ion:278 Resp: 1531079

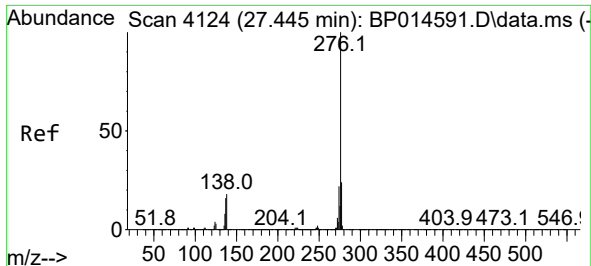
Ion Ratio Lower Upper

278 100

139 12.6 10.4 15.6

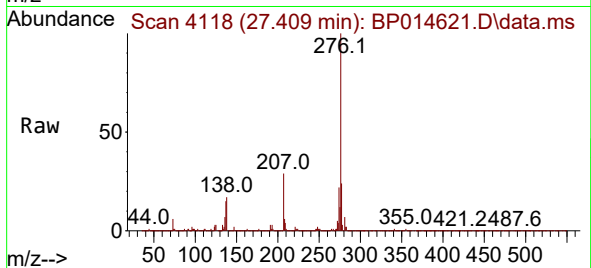
279 23.8 18.9 28.3





#96
Benzo(g,h,i)perylene
Concen: 27.794 ng/ul
RT: 27.409 min Scan# 4118
Delta R.T. -0.006 min
Lab File: BP014621.D
Acq: 08 Apr 2023 00:36

Instrument :
BNA_P
ClientSampleId :
SLCS979



Tgt Ion:276 Resp: 1481672
Ion Ratio Lower Upper
276 100
138 17.5 13.0 19.4
277 23.9 18.4 27.6

