

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
 Data File : BP014665.D
 Acq On : 11 Apr 2023 20:17
 Operator : CG/JU
 Sample : PB152027BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS027

Quant Time: Apr 11 23:03:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 11 01:21:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	116700	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	473730	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	279088	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	570298	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	592645	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	652711	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	19808	6.582	ng/uL	0.00
4) Pyridine-d5	3.787	84	247827	32.136	ng/u1	0.00
7) Phenol-d5	7.140	99	322427	29.958	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	222204	32.178	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	243968	31.363	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	246969	28.448	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	116351	30.424	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	132366	30.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	237633	29.796	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	235881	22.454	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	678976	30.005	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	775935	30.902	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	96918	28.350	ng/u1	0.00
60) Fluorene-d10	15.622	176	561988	29.781	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	123080	29.330	ng/u1	0.00
73) Anthracene-d10	17.492	188	858703	31.113	ng/u1	0.00
81) Pyrene-d10	19.722	212	1036983	26.050	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	1133779	32.694	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	42687	12.908	ng/uL	92
5) Pyridine	3.811	79	249550	30.922	ng/u1	97
6) Benzaldehyde	7.116	77	100437	18.775	ng/u1	97
8) Phenol	7.169	94	338201	30.292	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.393	93	275247	30.678	ng/u1	95
12) 2-Chlorophenol	7.534	128	253697	31.334	ng/u1	92
13) 2-Methylphenol	8.428	108	242947	29.178	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	403523	34.255	ng/u1	98
16) Acetophenone	8.810	105	415988	29.018	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.787	70	234366	30.262	ng/u1	93
18) 4-Methylphenol	8.757	108	265366	29.020	ng/u1	98
19) Hexachloroethane	9.052	117	118478	33.491	ng/u1	93
22) Nitrobenzene	9.193	77	355283	32.338	ng/u1	97
23) Isophorone	9.716	82	604825	29.865	ng/u1	98
25) 2-Nitrophenol	9.910	139	138291	29.919	ng/u1	94
26) 2,4-Dimethylphenol	9.963	107	308908	29.859	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.199	93	364987	30.060	ng/u1	100
29) 2,4-Dichlorophenol	10.446	162	233200	29.712	ng/u1	96
30) Naphthalene	10.846	128	805167	30.513	ng/u1	98
32) 4-Chloroaniline	10.969	127	144039	13.537	ng/u1	100
33) Hexachlorobutadiene	11.116	225	185675	29.861	ng/u1	98
35) 4-Chloro-3-methylphenol	12.093	107	273321	28.312	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	519923	29.074	ng/u1	100
37) 1-Methylnaphthalene	12.669	142	529518	29.856	ng/u1	99

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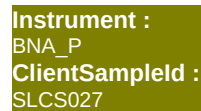
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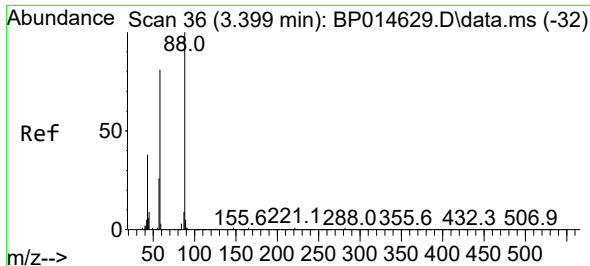
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.816	216	305587	30.711	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	174605	27.096	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	185360	30.103	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	198858	30.336	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	691029	30.647	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	546882	30.675	ng/ul	99
45) 2-Nitroaniline	13.722	65	183005	33.146	ng/ul	94
47) Dimethylphthalate	14.081	163	676521	29.901	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	136032	30.773	ng/ul	95
50) Acenaphthylene	14.351	152	828805	30.994	ng/ul	100
51) 3-Nitroaniline	14.551	138	112837	28.493	ng/ul	89
52) Acenaphthene	14.692	153	583319	30.869	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	76264	26.642	ng/ul#	87
55) 4-Nitrophenol	14.863	109	98635	29.234	ng/ul	92
56) Dibenzofuran	15.028	168	796500	29.984	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	196264	31.301	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.257	232	166096	28.192	ng/ul	94
59) Diethylphthalate	15.445	149	692461	30.798	ng/ul	99
61) Fluorene	15.681	166	653148	30.335	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	340063	29.397	ng/ul	99
63) 4-Nitroaniline	15.722	138	107894	33.532	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.769	198	121170	29.796	ng/ul	96
67) N-Nitrosodiphenylamine	15.887	169	539266	30.392	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	206026	29.032	ng/ul	99
69) Hexachlorobenzene	16.686	284	240980	29.563	ng/ul	97
70) Atrazine	16.851	200	29623	4.586	ng/ul	95
71) Pentachlorophenol	17.045	266	126220	26.728	ng/ul	96
72) Phenanthrene	17.433	178	997634	31.443	ng/ul	99
74) Anthracene	17.528	178	1010304	31.594	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	302577	30.141	ng/uL	97
76) Pentachlorobenzene	14.945	250	293363	29.287	ng/uL	97
77) Carbazole	17.804	167	867634	32.422	ng/ul	99
78) Di-n-butylphthalate	18.333	149	1150900	34.204	ng/ul	99
80) Fluoranthene	19.398	202	1218135	25.881	ng/ul	98
82) Pyrene	19.751	202	1283340	26.116	ng/ul	98
83) Butylbenzylphthalate	20.610	149	541941	32.017	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	376161	28.699	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1353106	32.220	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	804922	34.776	ng/ul	100
87) Chrysene	21.522	228	1301697	32.826	ng/ul	100
89) Di-n-octyl phthalate	22.321	149	1420888	33.545	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1397668	31.706	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1401572	32.736	ng/ul	100
93) Benzo(a)pyrene	23.874	252	1243384	32.768	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.609	276	1658485	31.770	ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	1366304	31.260	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	1339343	31.475	ng/ul	97

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

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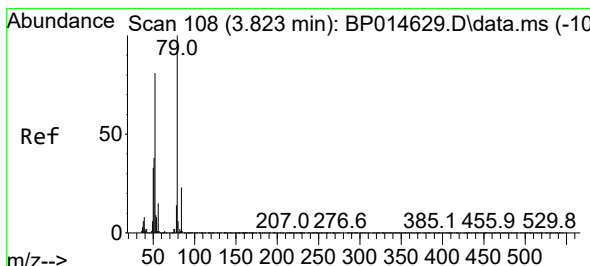
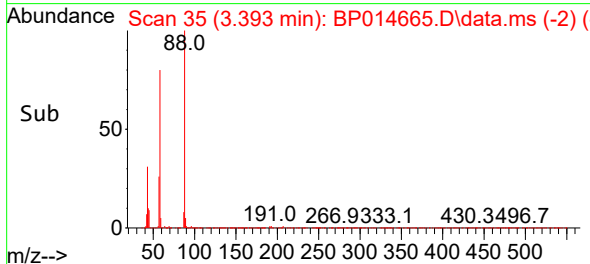
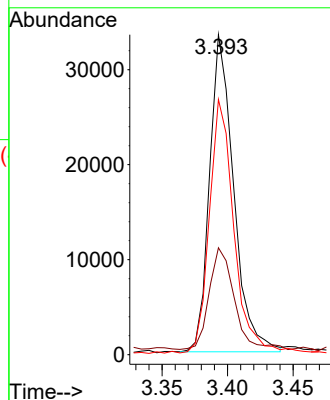
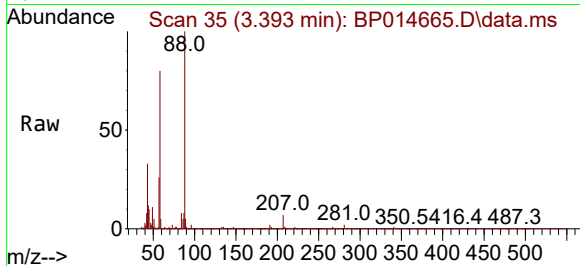




#2
1,4-Dioxane
Concen: 12.908 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014665.D
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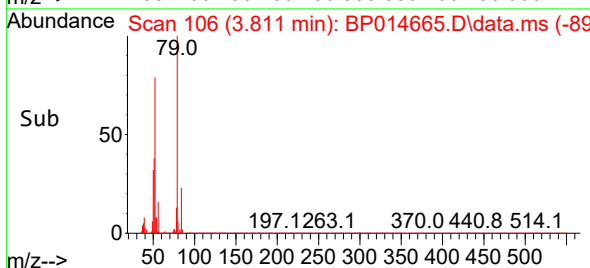
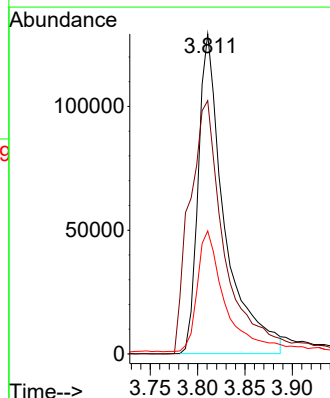
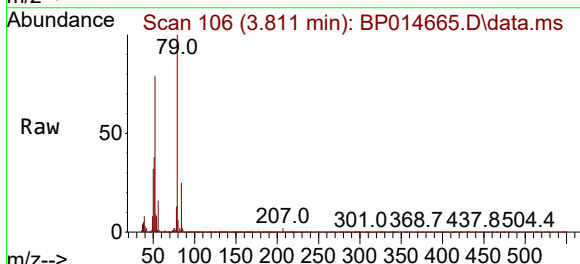
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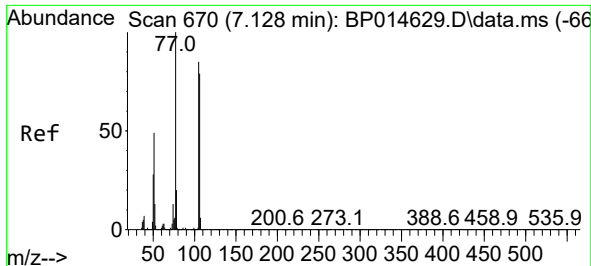
Tgt Ion: 88	Resp: 42687
Ion Ratio	Lower Upper
88 100	
43 33.4	24.4 36.6
58 79.8	57.4 86.0



#5
Pyridine
Concen: 30.922 ng/uL
RT: 3.811 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion: 79	Resp: 249550
Ion Ratio	Lower Upper
79 100	
52 79.1	61.4 92.2
51 38.5	28.5 42.7

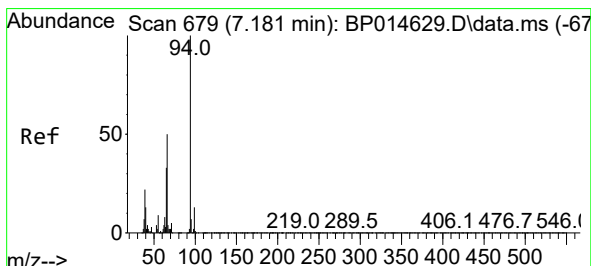
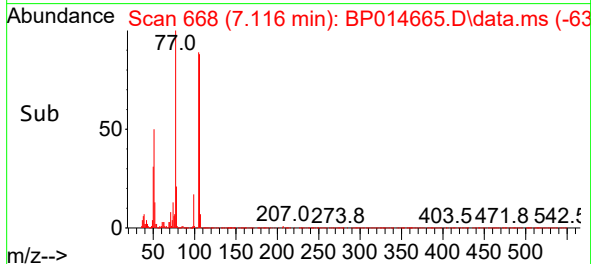
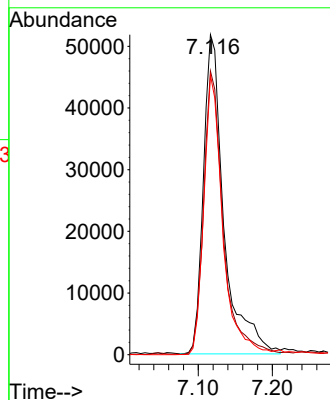
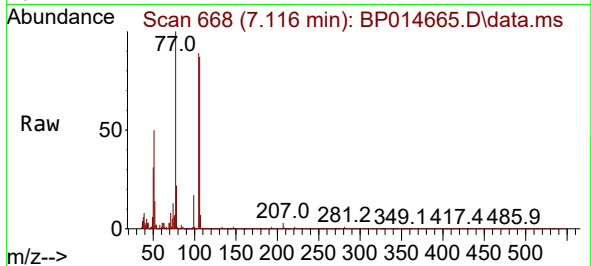




#6
Benzaldehyde
Concen: 18.775 ng/ul
RT: 7.116 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

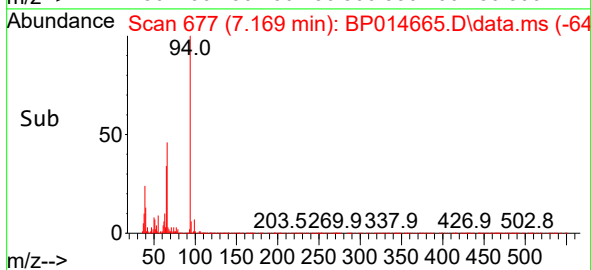
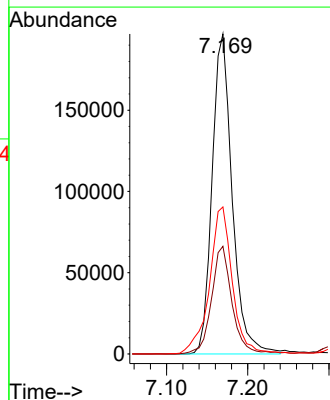
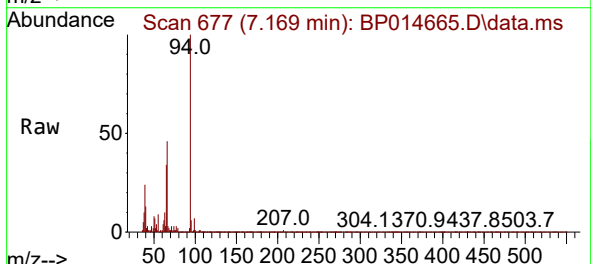
Instrument :
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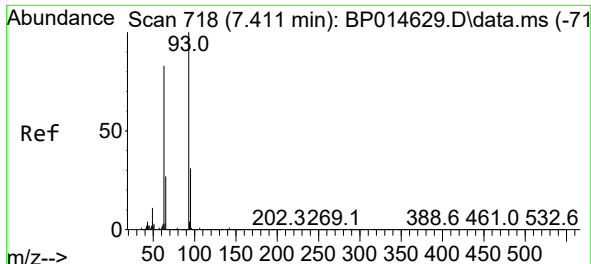
Tgt Ion: 77 Resp: 100437
Ion Ratio Lower Upper
77 100
105 88.7 70.6 105.8
106 87.4 66.5 99.7



#8
Phenol
Concen: 30.292 ng/ul
RT: 7.169 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion: 94 Resp: 338201
Ion Ratio Lower Upper
94 100
65 33.7 25.2 37.8
66 46.0 36.2 54.4

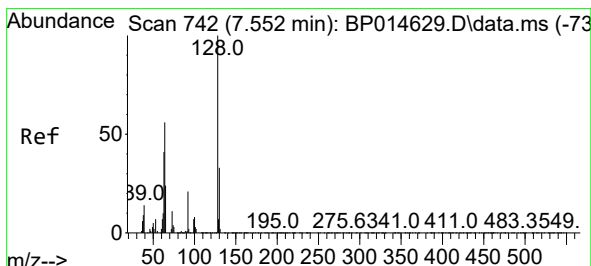
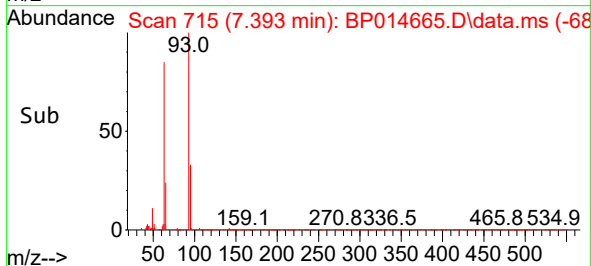
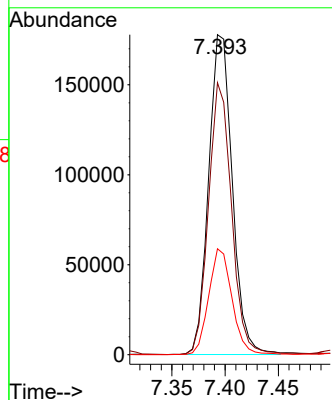
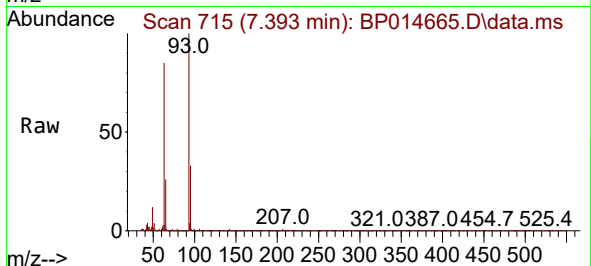




#10
Bis(2-Chloroethyl)ether
Concen: 30.678 ng/ul
RT: 7.393 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

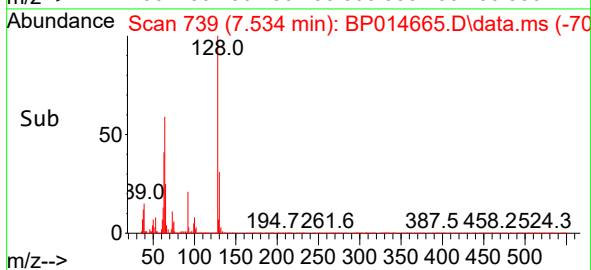
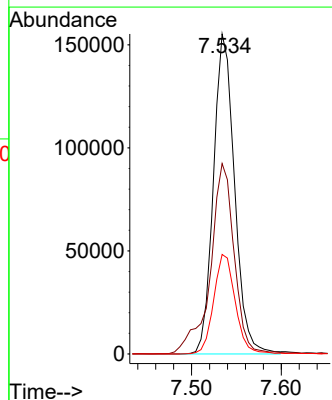
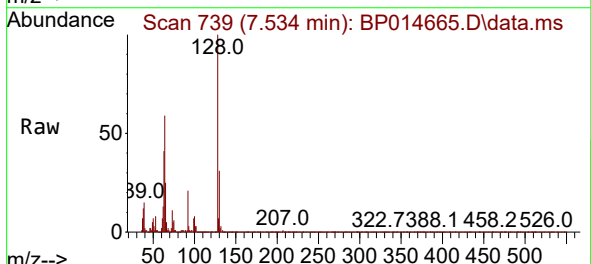
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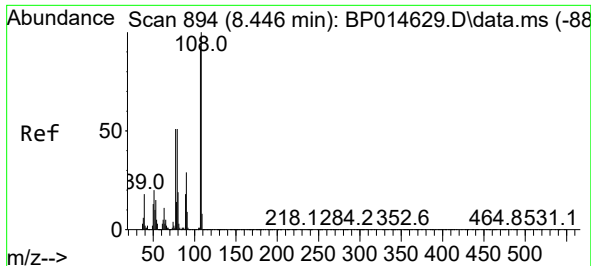
Tgt Ion: 93 Resp: 275247
Ion Ratio Lower Upper
93 100
63 85.0 63.2 94.8
95 33.1 26.0 39.0



#12
2-Chlorophenol
Concen: 31.334 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:128 Resp: 253697
Ion Ratio Lower Upper
128 100
64 59.5 41.4 62.0
130 31.1 24.1 36.1





#13

2-Methylphenol

Concen: 29.178 ng/ul

RT: 8.428 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

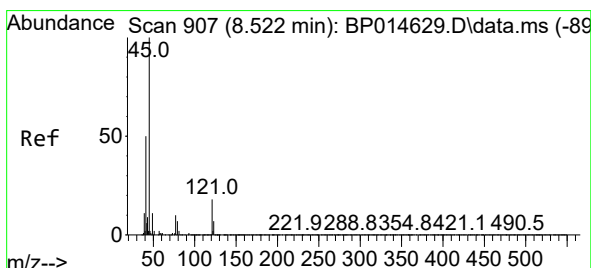
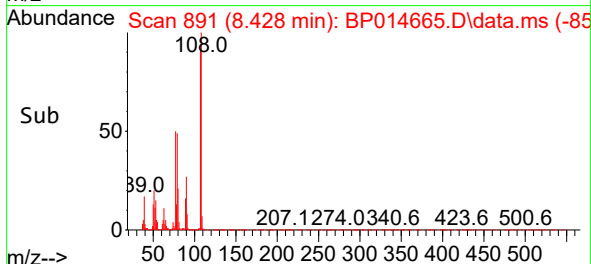
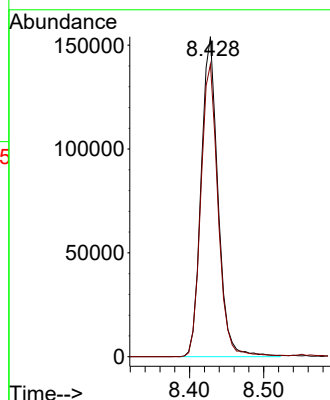
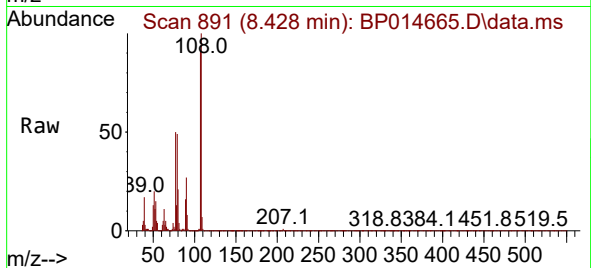
SLCS027

Tgt Ion:108 Resp: 242947

Ion Ratio Lower Upper

108 100

107 91.4 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 34.255 ng/ul

RT: 8.499 min Scan# 903

Delta R.T. -0.006 min

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Acq: 11 Apr 2023 20:17

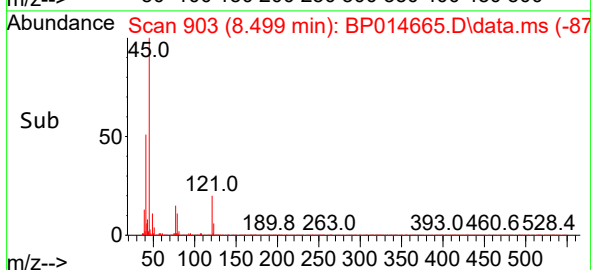
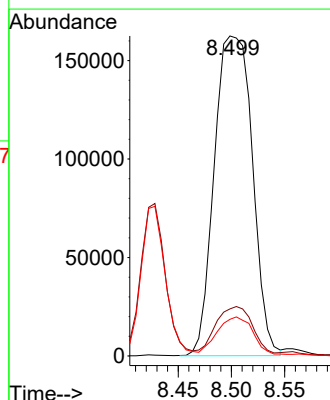
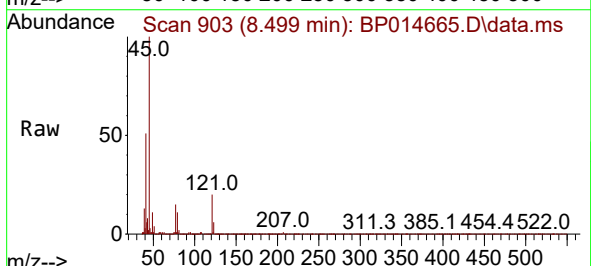
Tgt Ion: 45 Resp: 403523

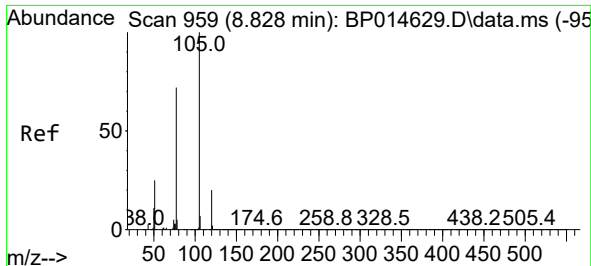
Ion Ratio Lower Upper

45 100

77 14.7 12.8 19.2

79 11.5 9.6 14.4

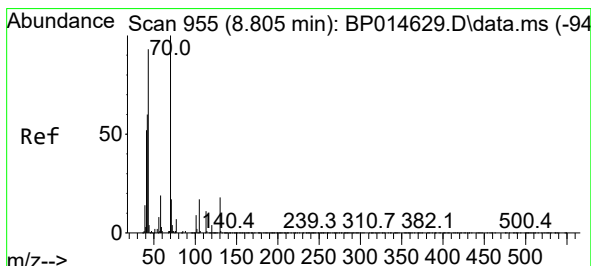
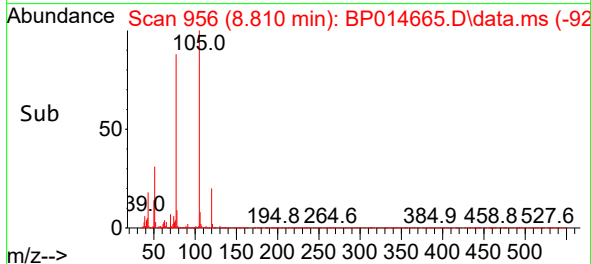
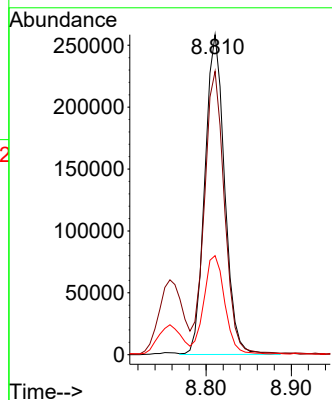
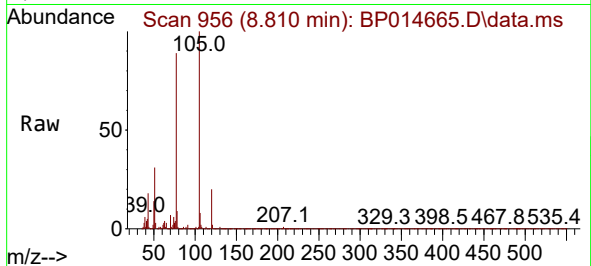




#16
Acetophenone
Concen: 29.018 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014665.D
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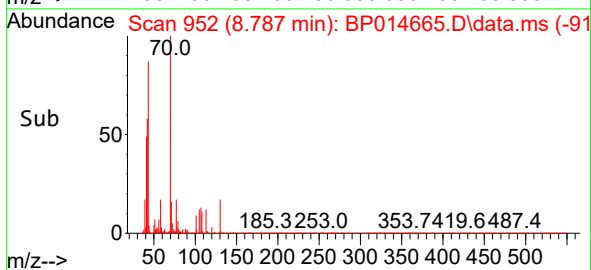
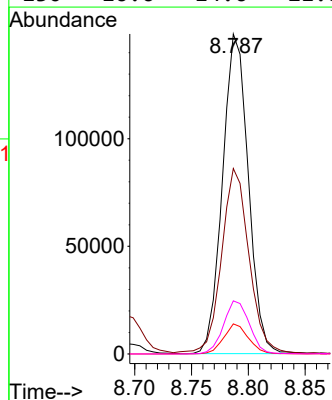
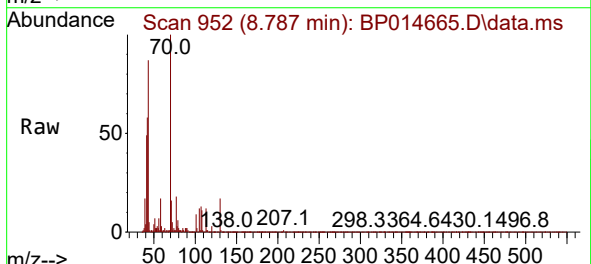
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SLCS027

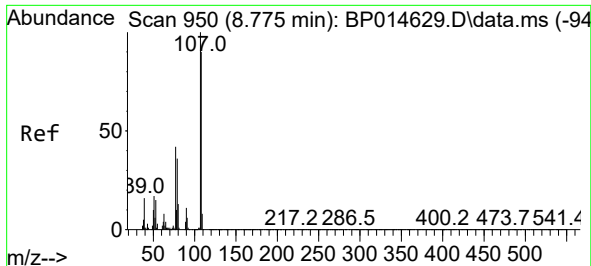
Tgt Ion:105 Resp: 415988
Ion Ratio Lower Upper
105 100
77 88.6 67.3 100.9
51 31.0 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.262 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion: 70 Resp: 234366
Ion Ratio Lower Upper
70 100
42 58.0 41.1 61.7
101 9.4 7.0 10.6
130 16.6 14.6 21.8





#18

4-Methylphenol

Concen: 29.020 ng/ul

RT: 8.757 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

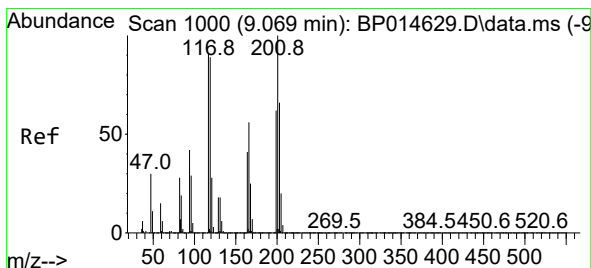
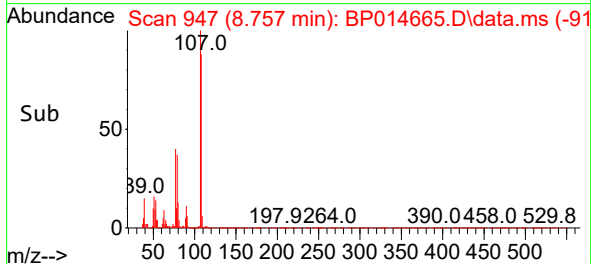
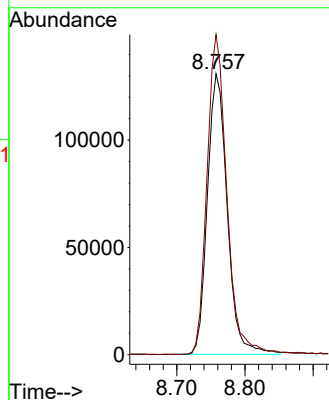
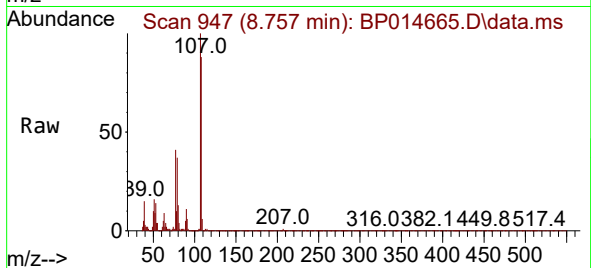
SLCS027

Tgt Ion:108 Resp: 265366

Ion Ratio Lower Upper

108 100

107 113.9 89.0 133.6



#19

Hexachloroethane

Concen: 33.491 ng/ul

RT: 9.052 min Scan# 997

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

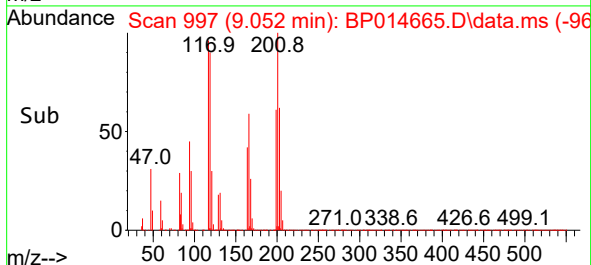
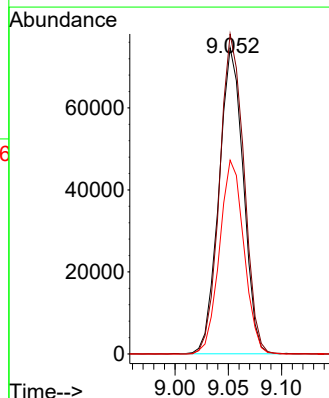
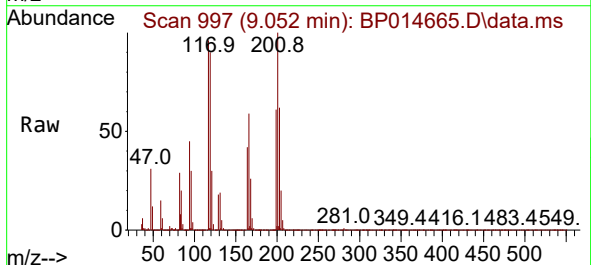
Tgt Ion:117 Resp: 118478

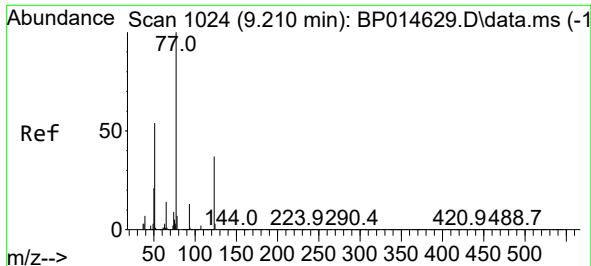
Ion Ratio Lower Upper

117 100

201 104.5 90.2 135.4

199 63.3 54.2 81.2

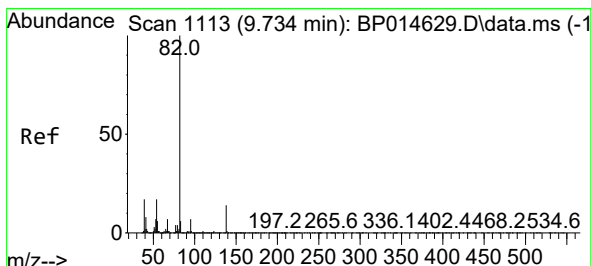
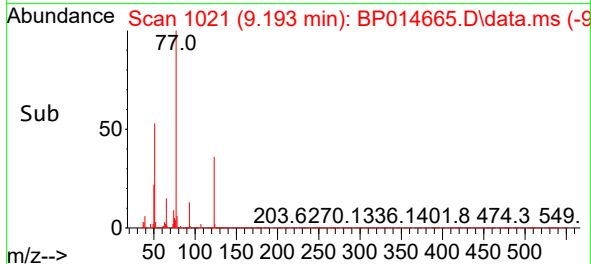
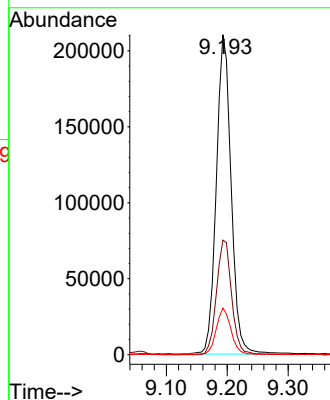
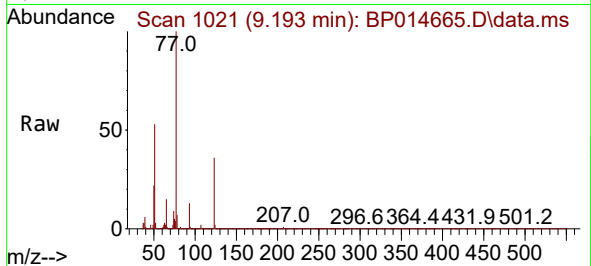




#22
Nitrobenzene
Concen: 32.338 ng/ul
RT: 9.193 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

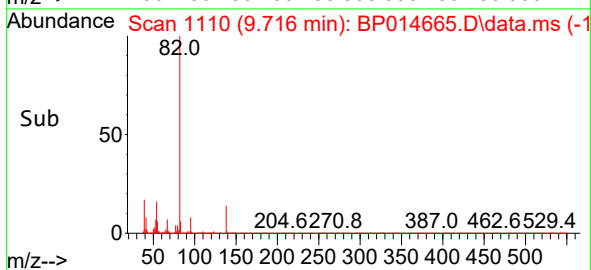
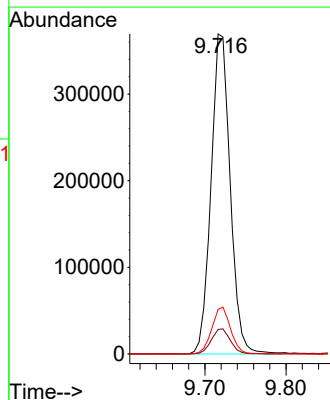
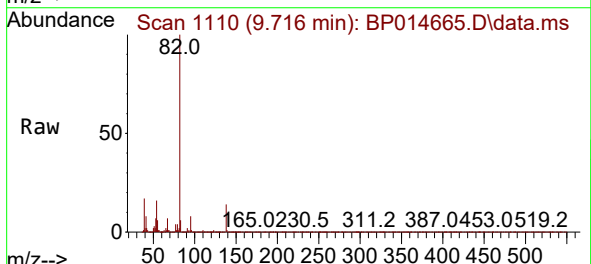
Instrument :
BNA_P
ClientSampleId :
SLCS027

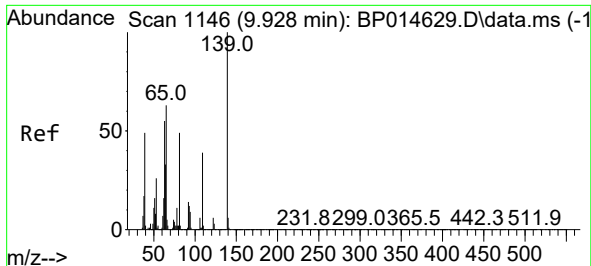
Tgt Ion: 77 Resp: 355283
Ion Ratio Lower Upper
77 100
123 35.8 30.3 45.5
65 14.6 11.0 16.4



#23
Isophorone
Concen: 29.865 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion: 82 Resp: 604825
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 13.9 12.2 18.2

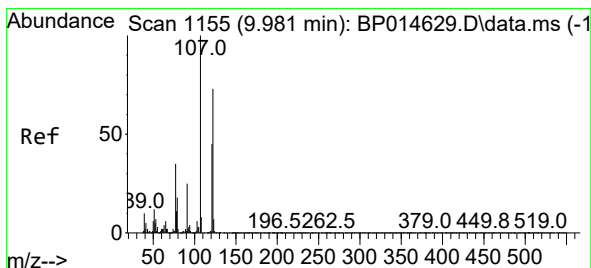
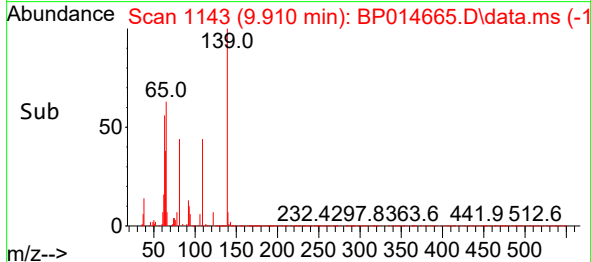
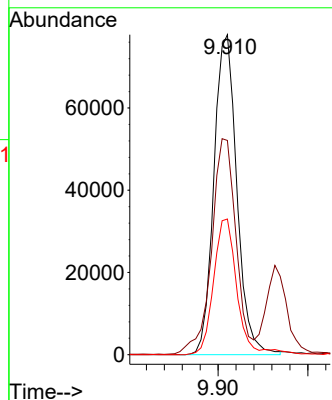
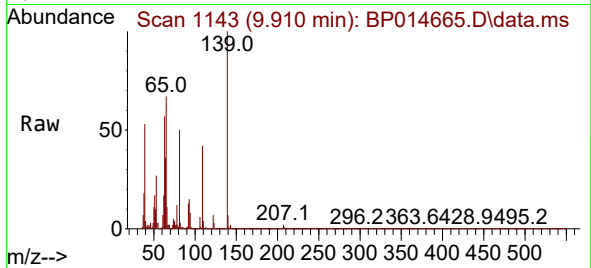




#25
2-Nitrophenol
Concen: 29.919 ng/ul
RT: 9.910 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

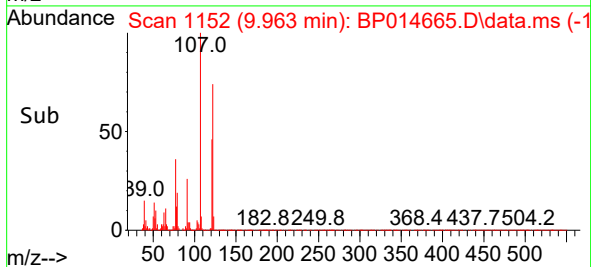
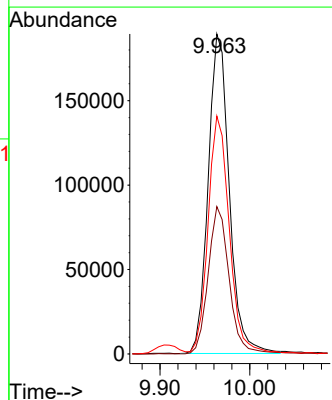
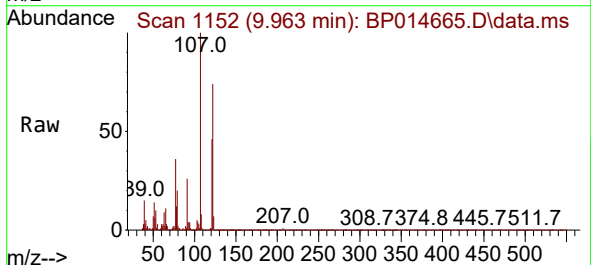
Instrument :
BNA_P
ClientSampleId :
SLCS027

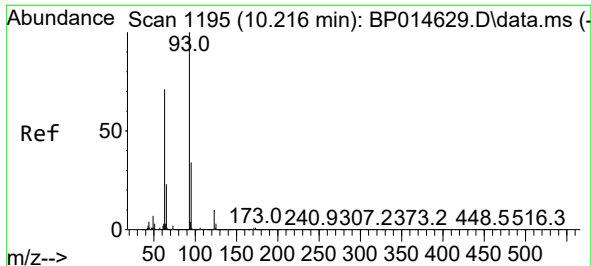
Tgt Ion:139 Resp: 138291
Ion Ratio Lower Upper
139 100
65 66.9 49.7 74.5
109 42.4 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 29.859 ng/ul
RT: 9.963 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:107 Resp: 308908
Ion Ratio Lower Upper
107 100
121 46.0 37.0 55.6
122 74.3 59.8 89.6





#27

Bis(2-Chloroethoxy)methane

Concen: 30.060 ng/ul

RT: 10.199 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

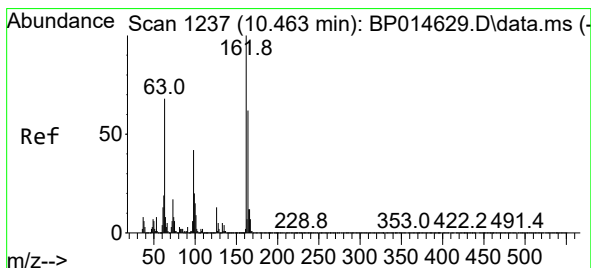
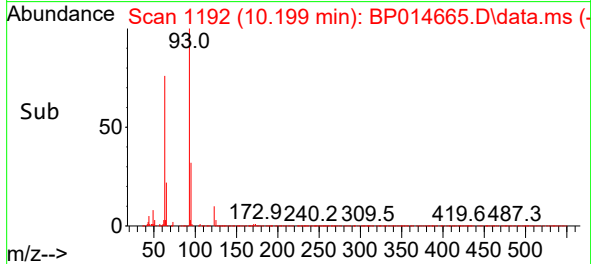
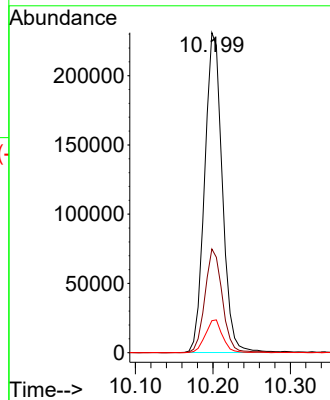
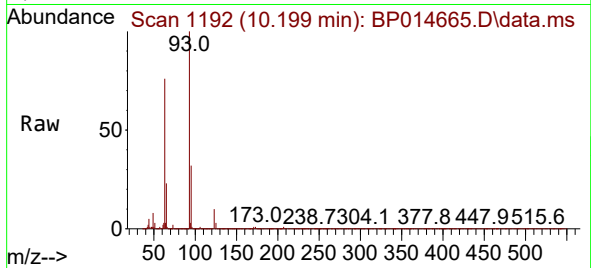
Tgt Ion: 93 Resp: 364987

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 10.0 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 29.712 ng/ul

RT: 10.446 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

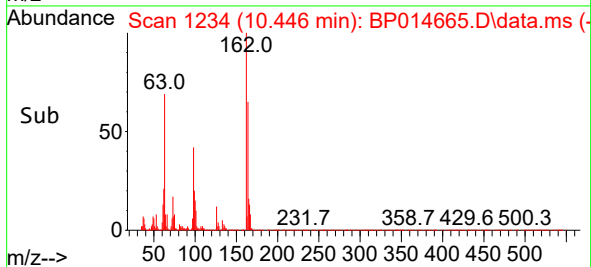
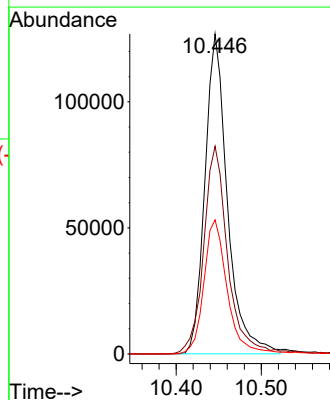
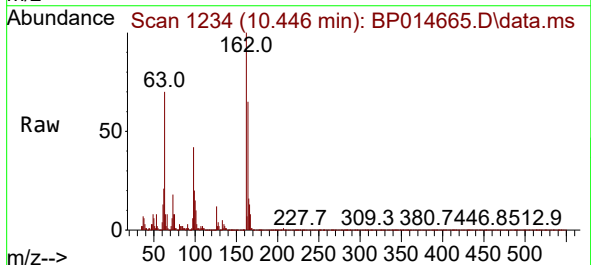
Tgt Ion:162 Resp: 233200

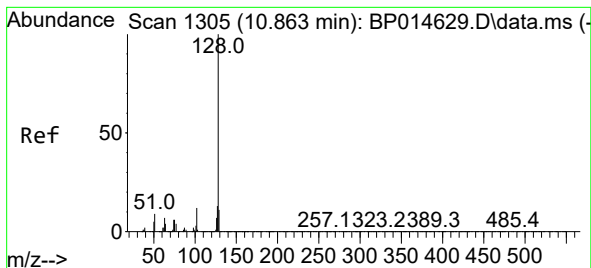
Ion Ratio Lower Upper

162 100

164 64.9 50.1 75.1

98 41.9 30.6 45.8





#30

Naphthalene

Concen: 30.513 ng/ul

RT: 10.846 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

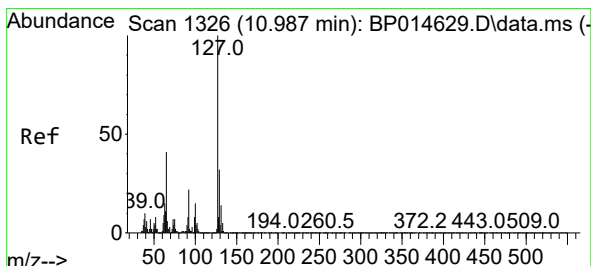
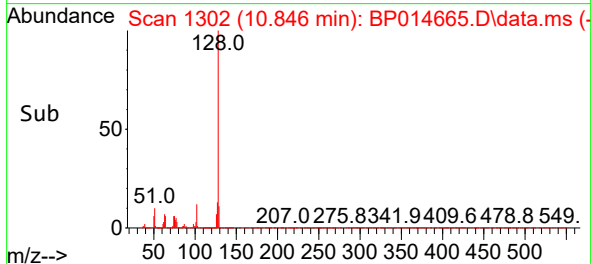
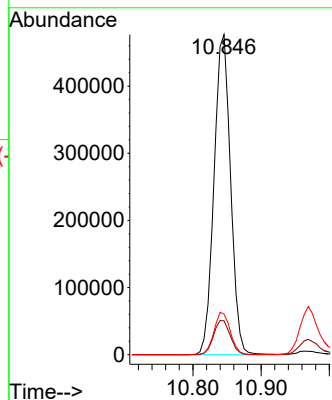
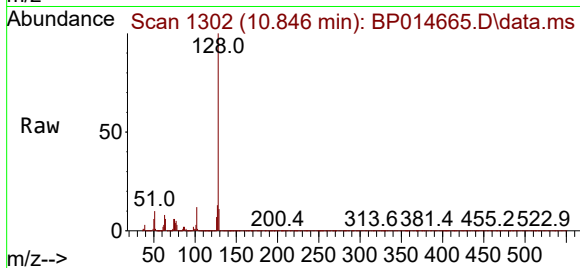
Tgt Ion:128 Resp: 805167

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.7 11.0 16.6



#32

4-Chloroaniline

Concen: 13.537 ng/ul

RT: 10.969 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BP014665.D

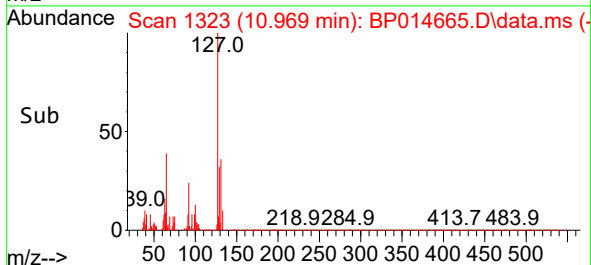
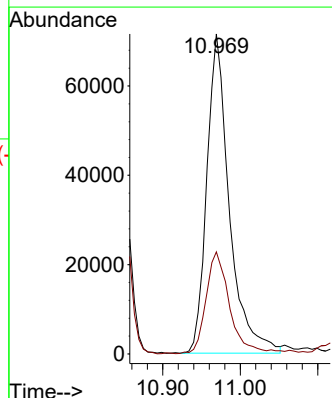
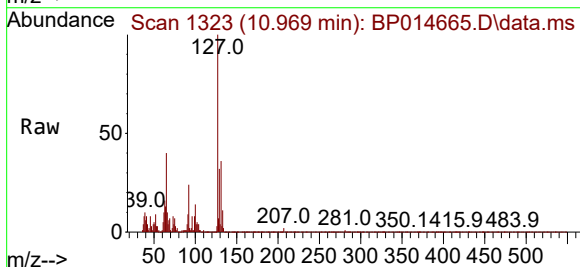
Acq: 11 Apr 2023 20:17

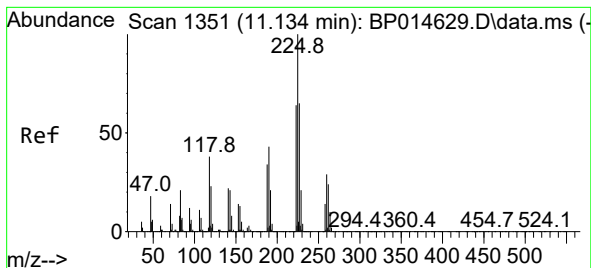
Tgt Ion:127 Resp: 144039

Ion Ratio Lower Upper

127 100

129 31.9 25.4 38.0





#33

Hexachlorobutadiene

Concen: 29.861 ng/ul

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

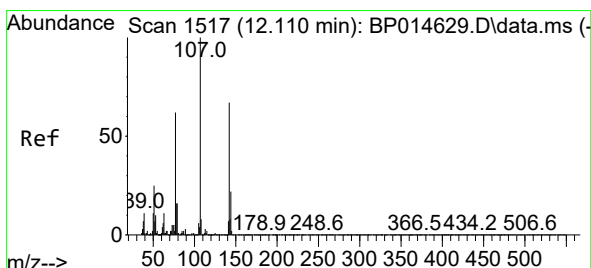
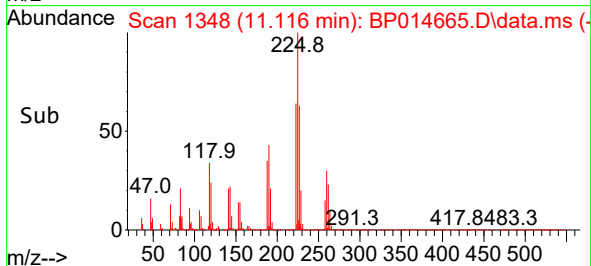
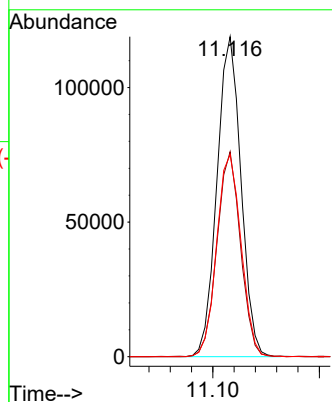
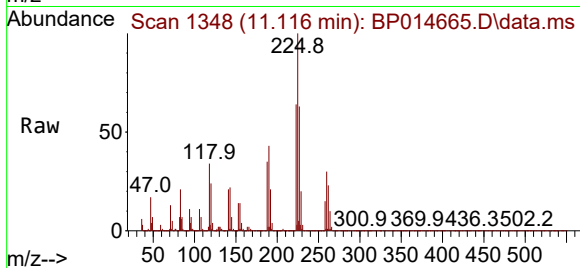
Tgt Ion:225 Resp: 185675

Ion Ratio Lower Upper

225 100

223 64.1 49.3 73.9

227 63.2 49.6 74.4



#35

4-Chloro-3-methylphenol

Concen: 28.312 ng/ul

RT: 12.093 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

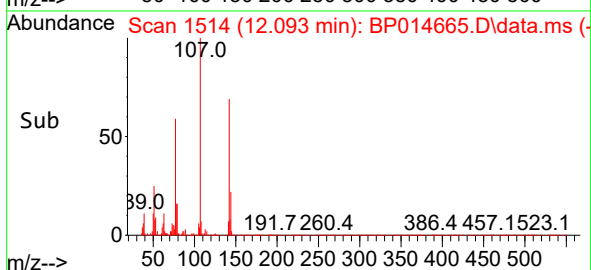
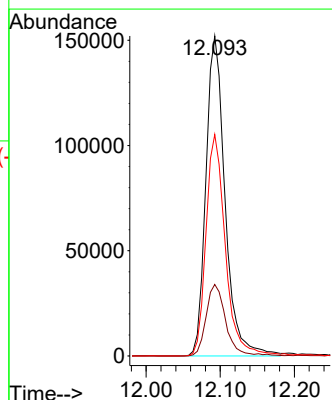
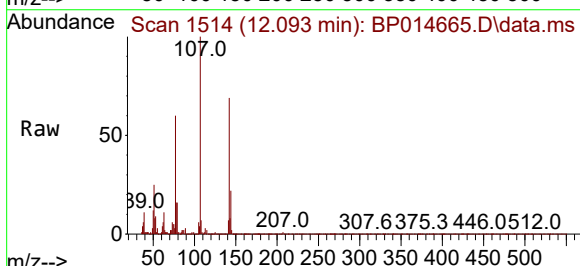
Tgt Ion:107 Resp: 273321

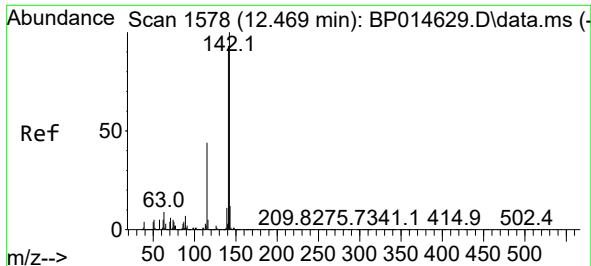
Ion Ratio Lower Upper

107 100

144 22.4 17.3 25.9

142 69.2 54.6 81.8

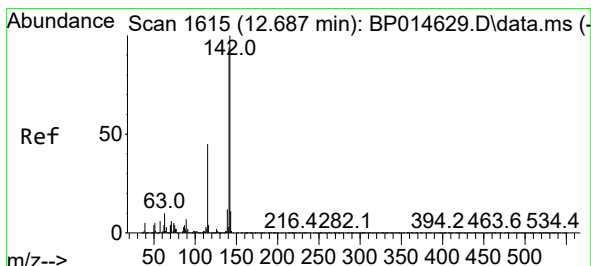
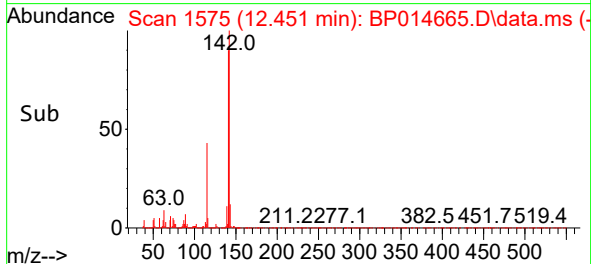
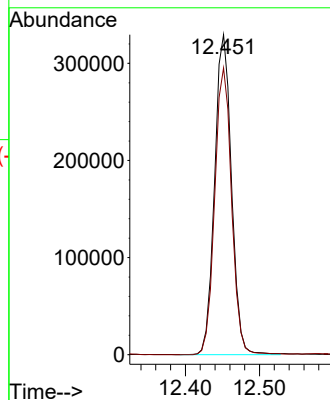
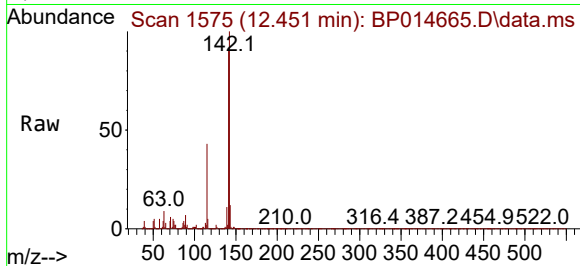




#36
2-Methylnaphthalene
Concen: 29.074 ng/ul
RT: 12.451 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

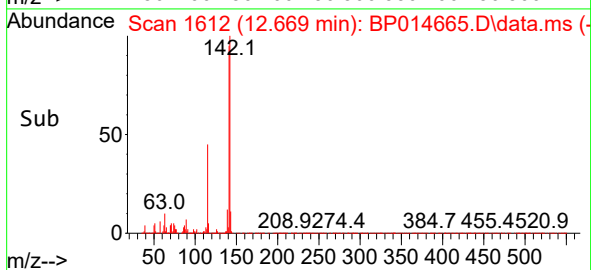
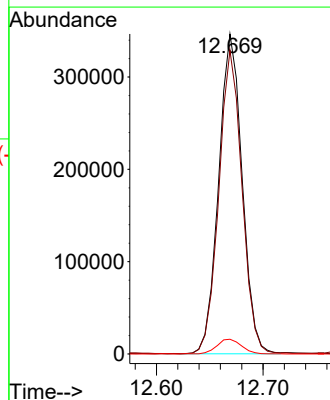
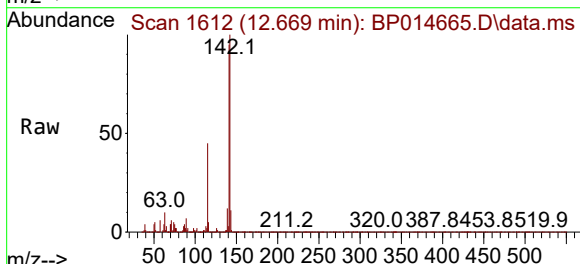
Instrument :
BNA_P
ClientSampleId :
SLCS027

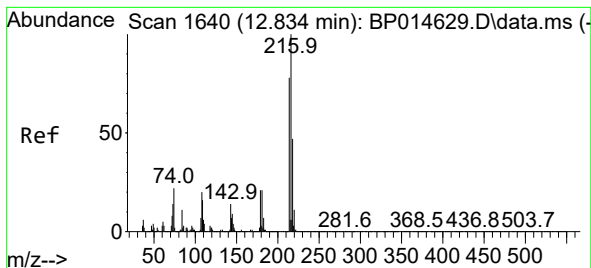
Tgt Ion:142 Resp: 519923
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4



#37
1-Methylnaphthalene
Concen: 29.856 ng/ul
RT: 12.669 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:142 Resp: 529518
Ion Ratio Lower Upper
142 100
141 94.8 76.6 114.8
116 4.6 3.6 5.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.711 ng/ul

RT: 12.816 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

Tgt Ion:216 Resp: 305587

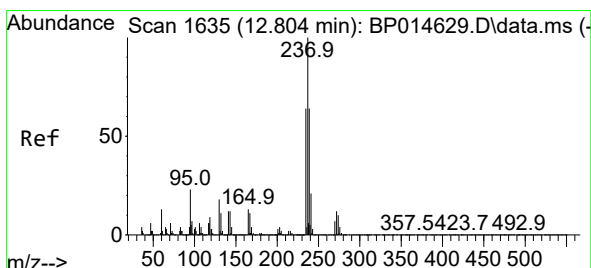
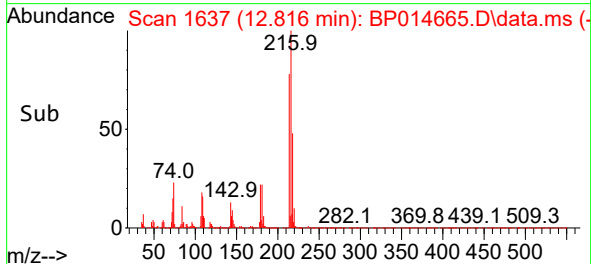
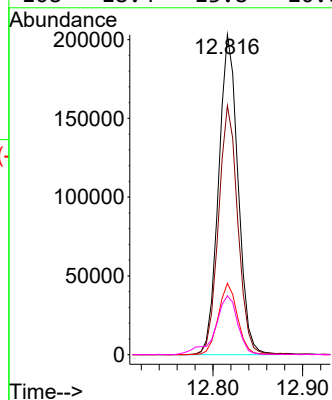
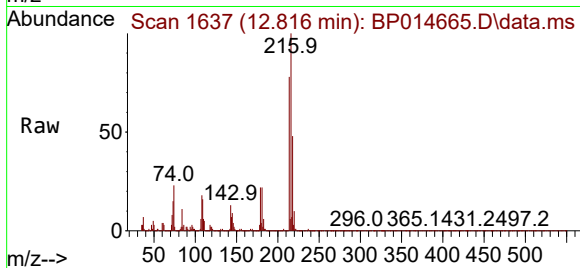
Ion Ratio Lower Upper

216 100

214 77.8 61.0 91.6

179 22.3 16.6 24.8

108 18.4 13.8 20.6



#40

Hexachlorocyclopentadiene

Concen: 27.096 ng/ul

RT: 12.787 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

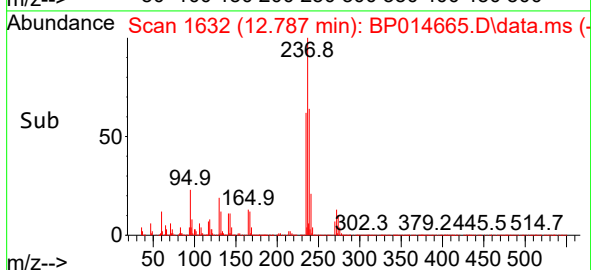
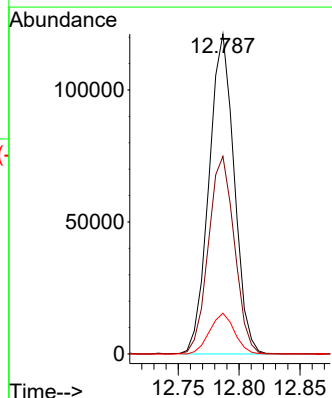
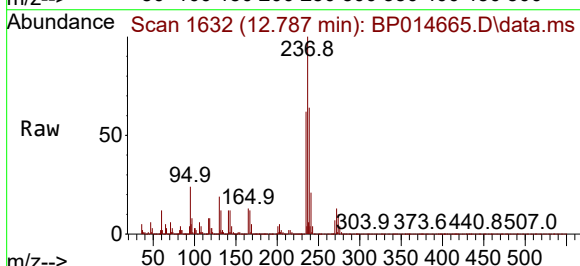
Tgt Ion:237 Resp: 174605

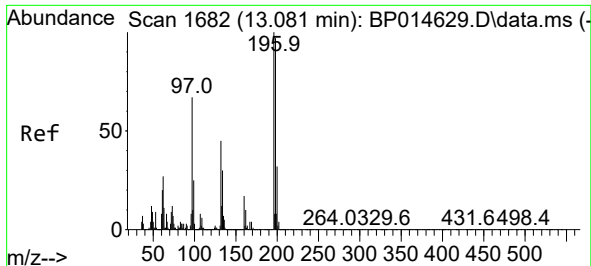
Ion Ratio Lower Upper

237 100

235 61.7 51.0 76.4

272 12.7 10.3 15.5

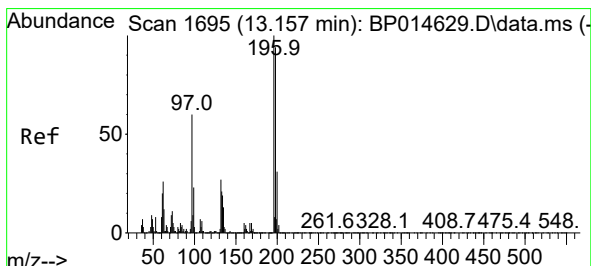
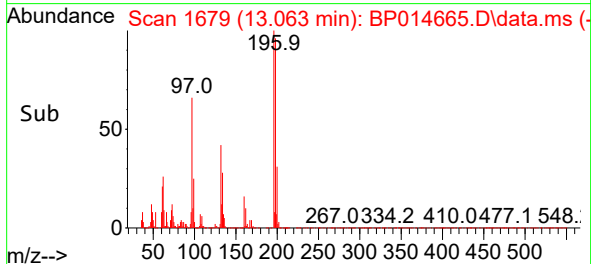
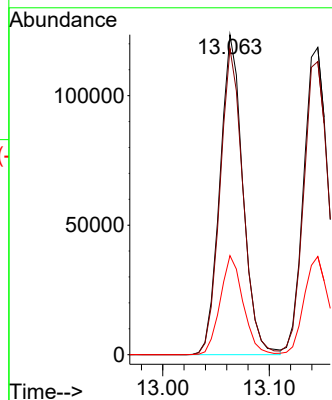
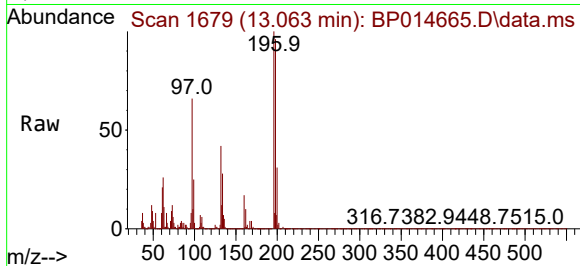




#41
2,4,6-Trichlorophenol
Concen: 30.103 ng/ul
RT: 13.063 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

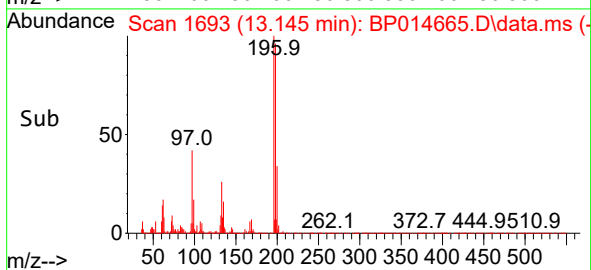
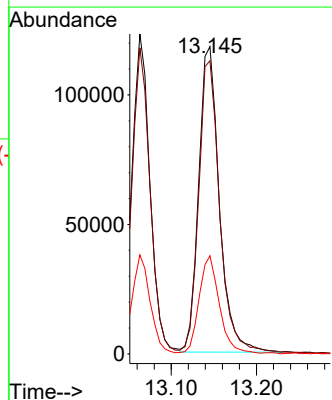
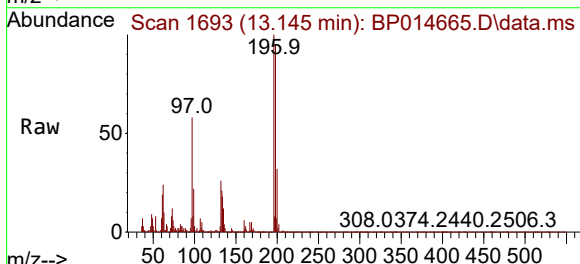
Instrument :
BNA_P
ClientSampleId :
SLCS027

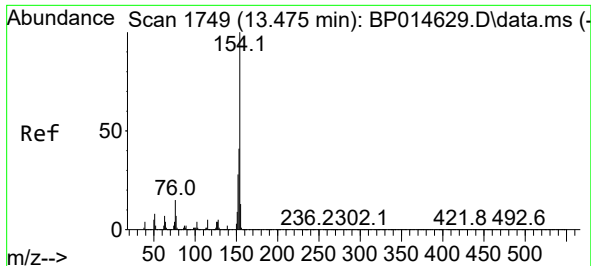
Tgt Ion:196 Resp: 185360
Ion Ratio Lower Upper
196 100
198 95.7 76.6 114.8
200 30.9 25.4 38.2



#42
2,4,5-Trichlorophenol
Concen: 30.336 ng/ul
RT: 13.145 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:196 Resp: 198858
Ion Ratio Lower Upper
196 100
198 95.3 79.8 119.8
200 31.9 25.6 38.4

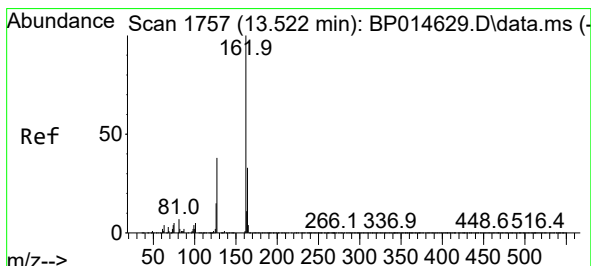
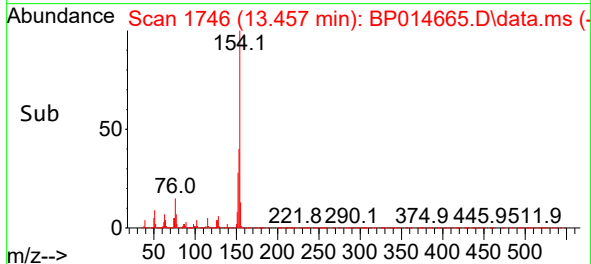
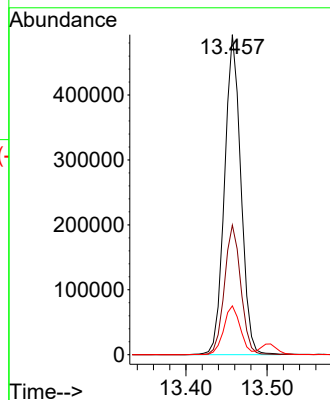
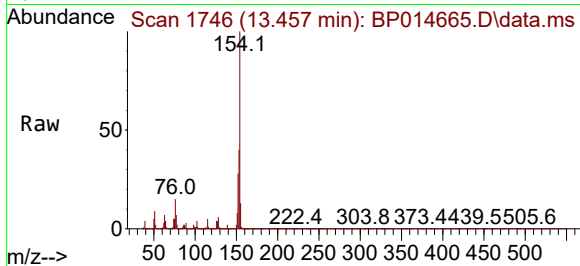




#43
1,1'-Biphenyl
Concen: 30.647 ng/ul
RT: 13.457 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

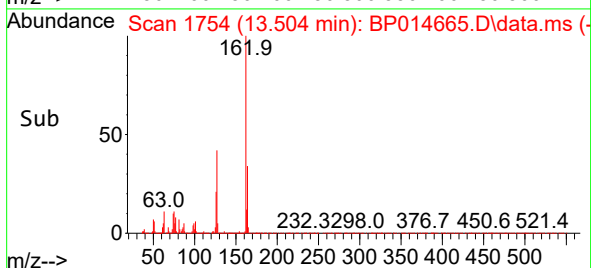
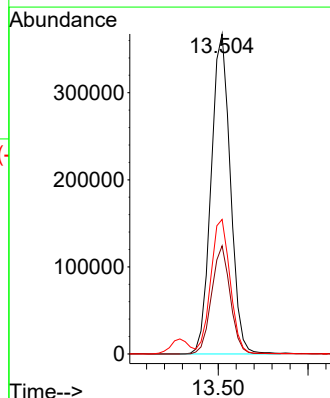
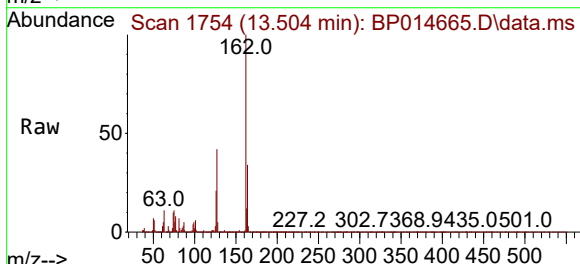
Instrument :
BNA_P
ClientSampleId :
SLCS027

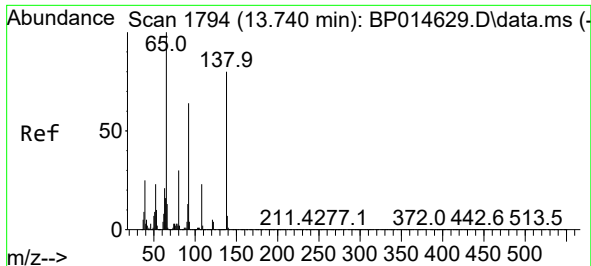
Tgt Ion:154 Resp: 691029
Ion Ratio Lower Upper
154 100
153 40.5 32.4 48.6
76 15.2 10.7 16.1



#44
2-Chloronaphthalene
Concen: 30.675 ng/ul
RT: 13.504 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:162 Resp: 546882
Ion Ratio Lower Upper
162 100
164 33.8 26.1 39.1
127 42.1 33.7 50.5

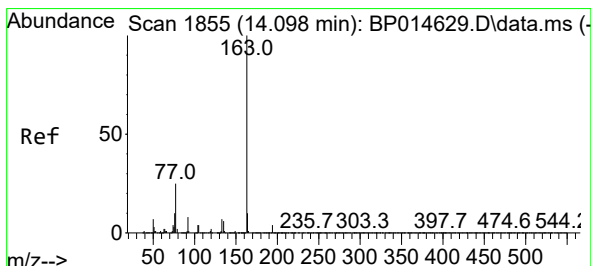
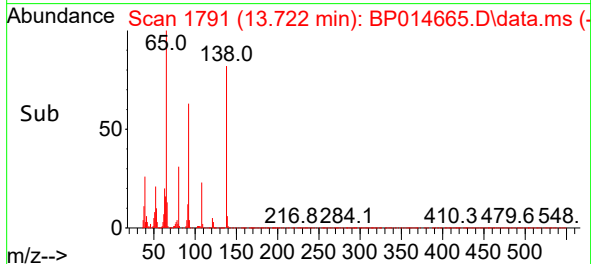
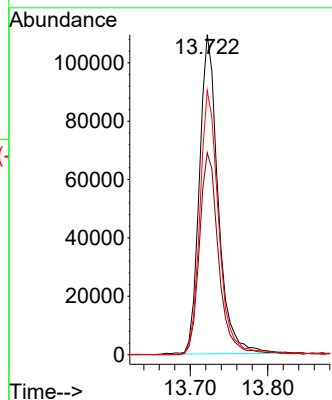
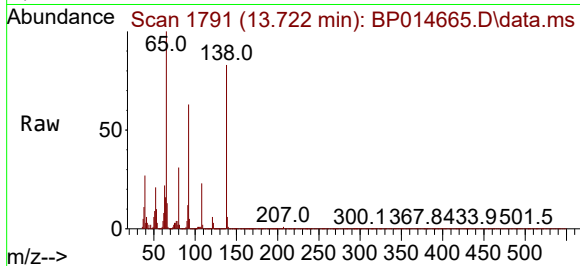




#45
2-Nitroaniline
Concen: 33.146 ng/ul
RT: 13.722 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

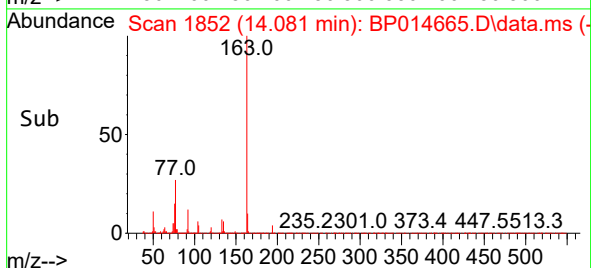
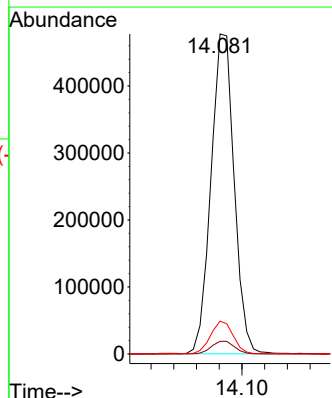
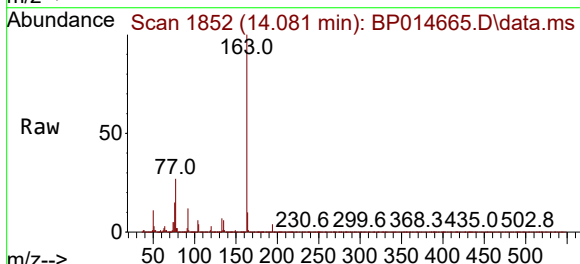
Instrument :
BNA_P
ClientSampleId :
SLCS027

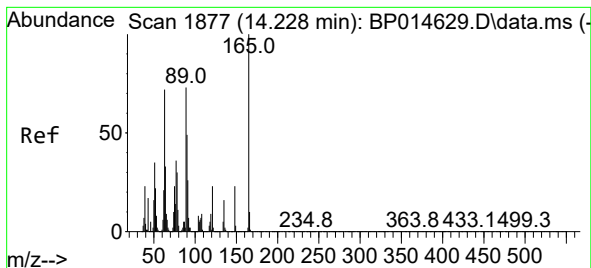
Tgt Ion: 65 Resp: 183005
Ion Ratio Lower Upper
65 100
92 63.1 53.7 80.5
138 82.5 71.7 107.5



#47
Dimethylphthalate
Concen: 29.901 ng/ul
RT: 14.081 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion: 163 Resp: 676521
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 7.8 11.8





#48

2,6-Dinitrotoluene

Concen: 30.773 ng/ul

RT: 14.216 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

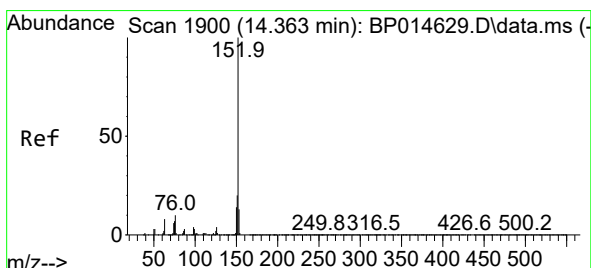
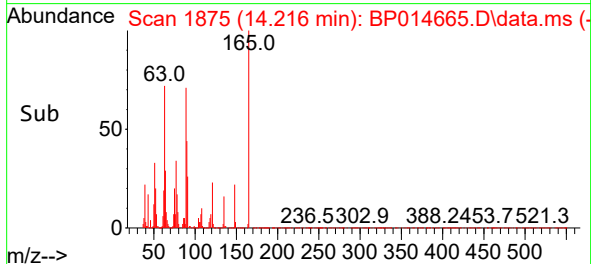
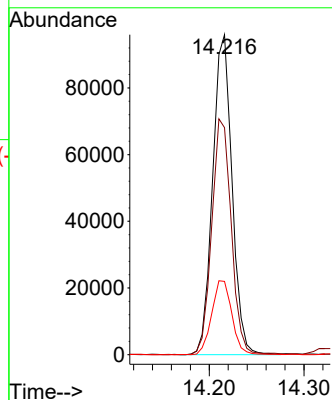
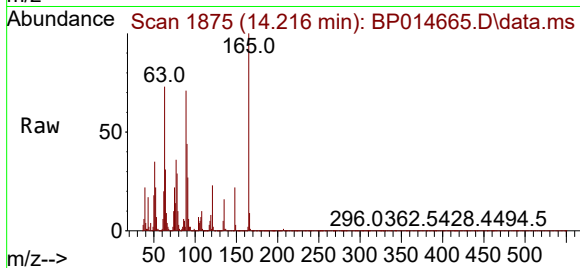
Tgt Ion:165 Resp: 136032

Ion Ratio Lower Upper

165 100

89 70.9 52.7 79.1

121 22.9 17.9 26.9



#50

Acenaphthylene

Concen: 30.994 ng/ul

RT: 14.351 min Scan# 1898

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

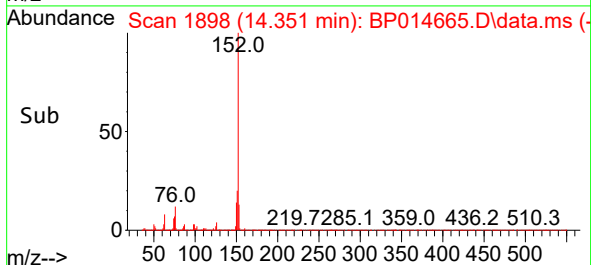
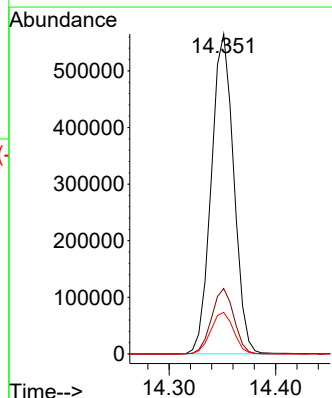
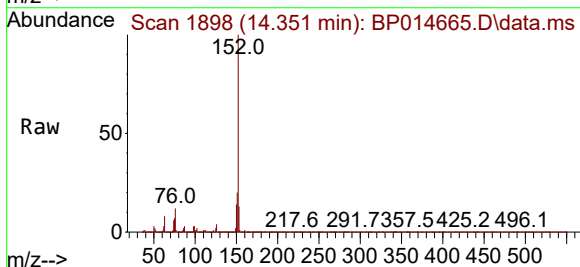
Tgt Ion:152 Resp: 828805

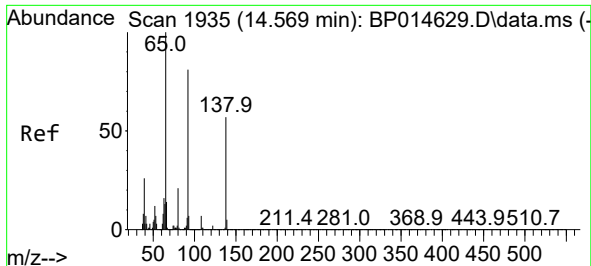
Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.0 10.2 15.4

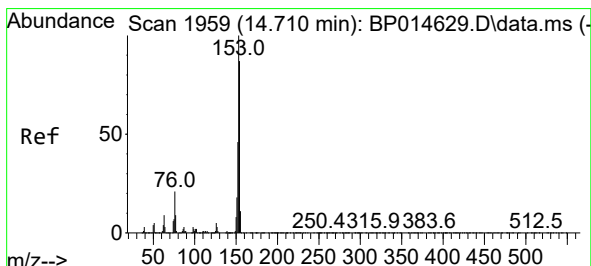
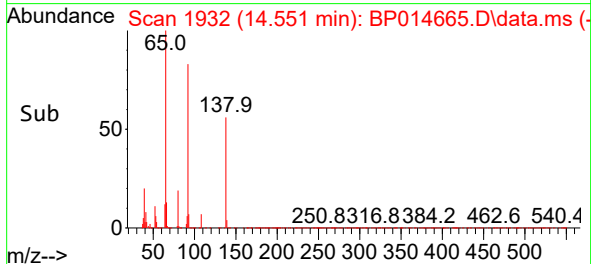
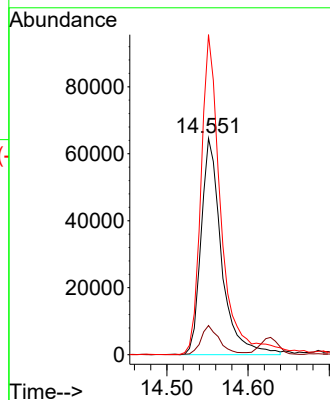
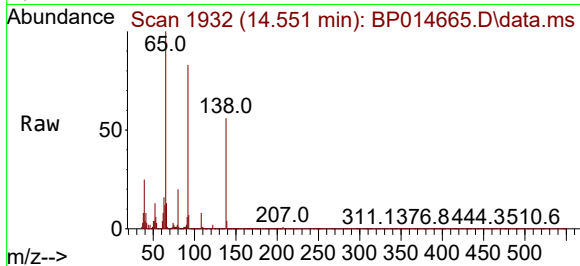




#51
3-Nitroaniline
Concen: 28.493 ng/ul
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

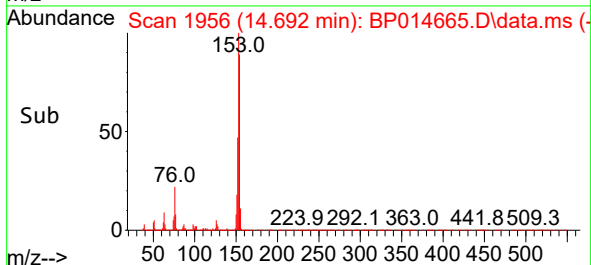
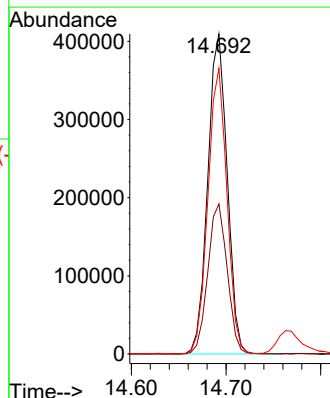
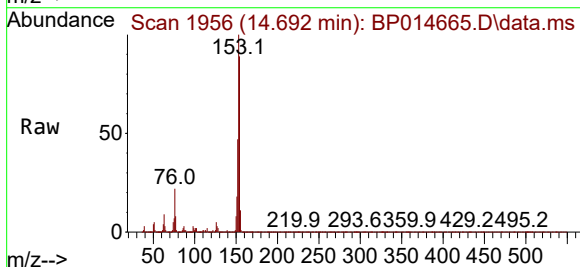
Instrument :
BNA_P
ClientSampleId :
SLCS027

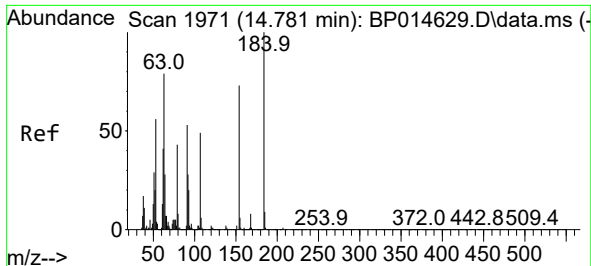
Tgt Ion:138 Resp: 112837
Ion Ratio Lower Upper
138 100
108 13.5 9.9 14.9
92 147.9 107.6 161.4



#52
Acenaphthene
Concen: 30.869 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:153 Resp: 583319
Ion Ratio Lower Upper
153 100
152 46.9 38.2 57.4
154 89.2 70.2 105.2

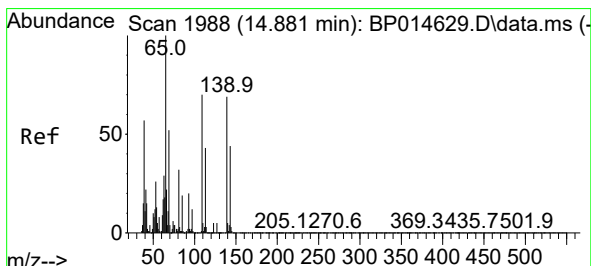
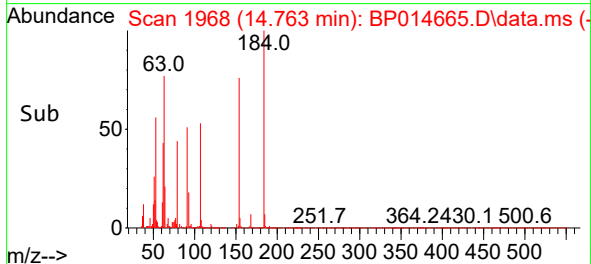
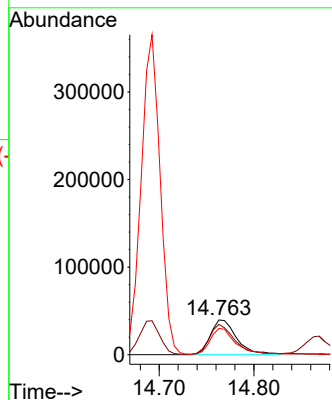
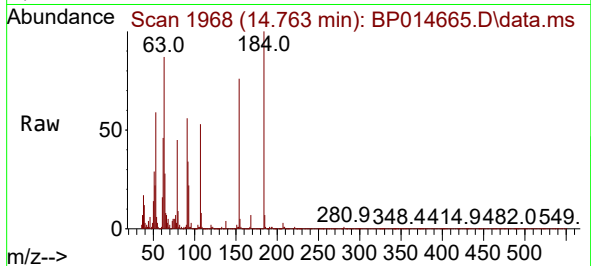




#53
2,4-Dinitrophenol
Concen: 26.642 ng/ul
RT: 14.763 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

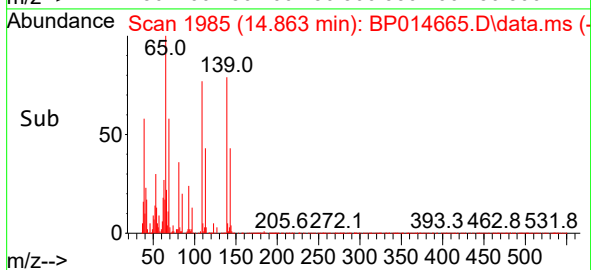
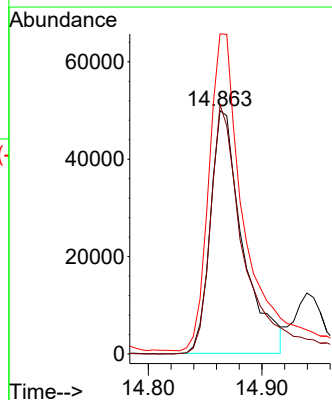
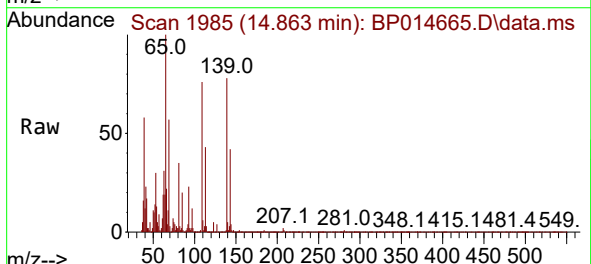
Instrument :
BNA_P
ClientSampleId :
SLCS027

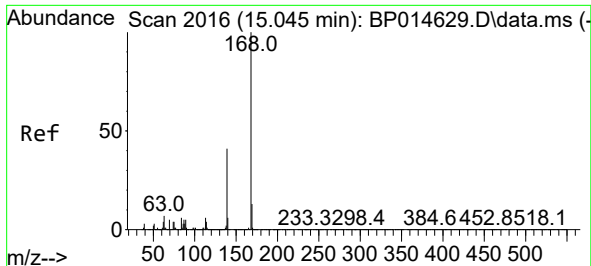
Tgt Ion:184 Resp: 76264
Ion Ratio Lower Upper
184 100
63 86.9 57.1 85.7#
154 75.5 55.3 82.9



#55
4-Nitrophenol
Concen: 29.234 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:109 Resp: 98635
Ion Ratio Lower Upper
109 100
139 102.5 77.4 116.2
65 131.6 97.3 145.9

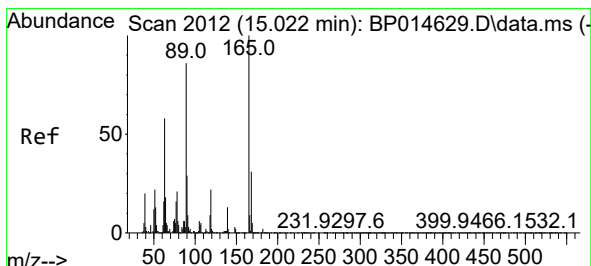
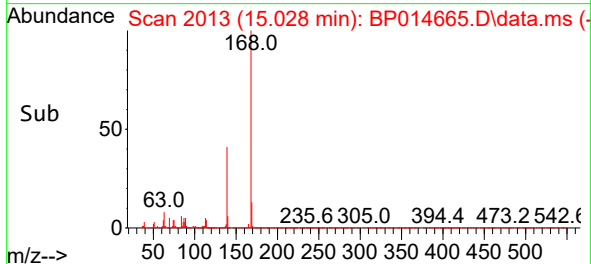
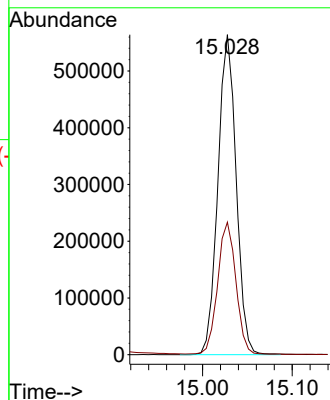
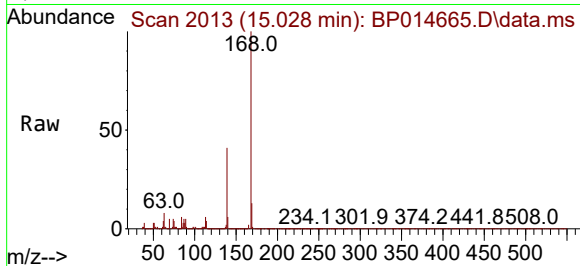




#56
Dibenzofuran
Concen: 29.984 ng/ul
RT: 15.028 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

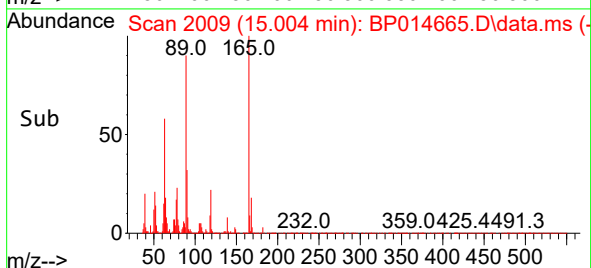
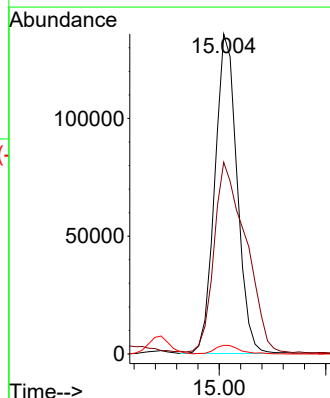
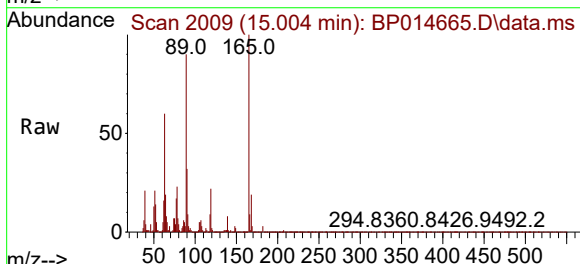
Instrument :
BNA_P
ClientSampleId :
SLCS027

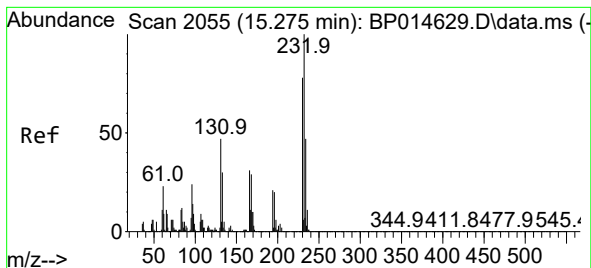
Tgt Ion:168 Resp: 796500
Ion Ratio Lower Upper
168 100
139 41.4 32.1 48.1



#57
2,4-Dinitrotoluene
Concen: 31.301 ng/ul
RT: 15.004 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:165 Resp: 196264
Ion Ratio Lower Upper
165 100
63 59.9 41.6 62.4
182 2.7 2.4 3.6

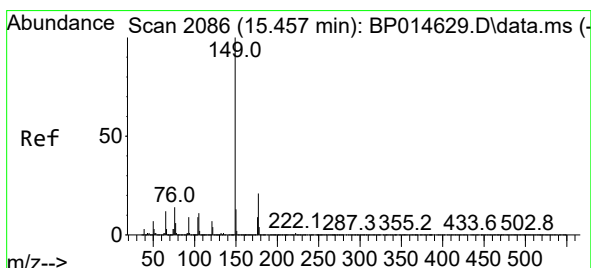
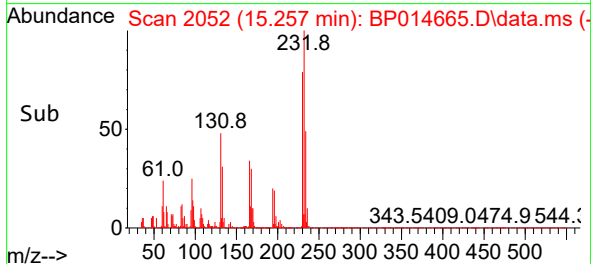
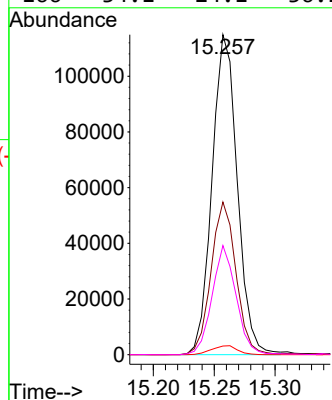
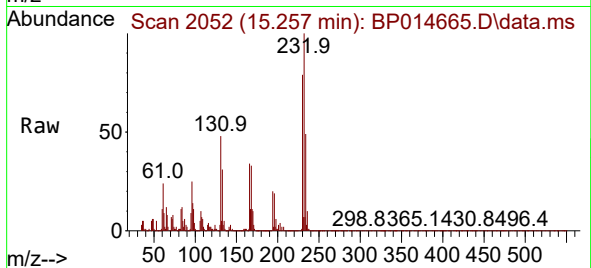




#58
2,3,4,6-Tetrachlorophenol
Concen: 28.192 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

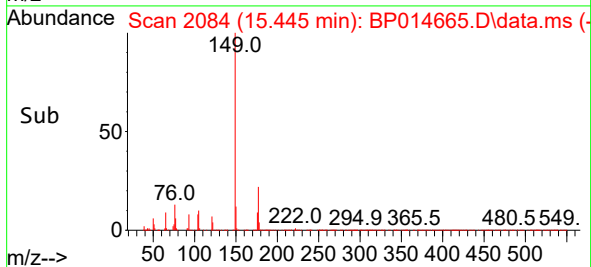
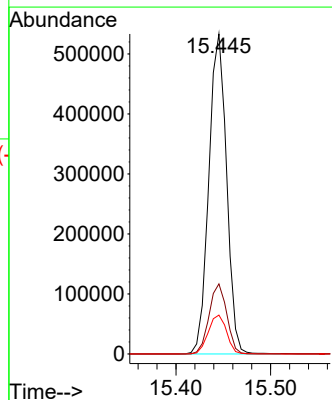
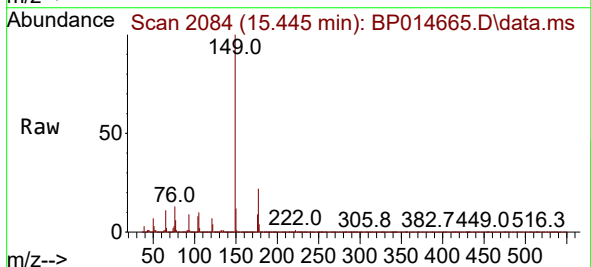
Instrument :
BNA_P
ClientSampleId :
SLCS027

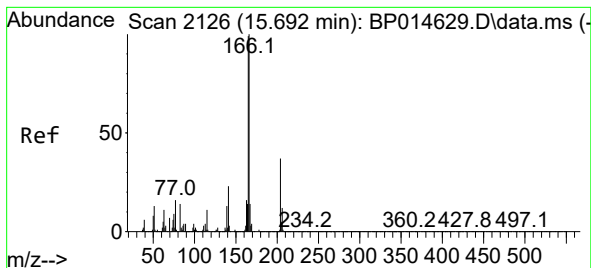
Tgt Ion:	232	Resp:	166096
Ion Ratio	Lower	Upper	
232	100		
131	47.7	35.0	52.4
130	2.7	1.9	2.9
166	34.1	24.1	36.1



#59
Diethylphthalate
Concen: 30.798 ng/ul
RT: 15.445 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:	149	Resp:	692461
Ion Ratio	Lower	Upper	
149	100		
177	21.9	18.2	27.2
150	12.2	9.8	14.8





#61

Fluorene

Concen: 30.335 ng/ul

RT: 15.681 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

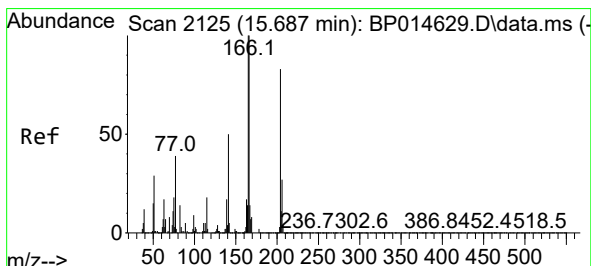
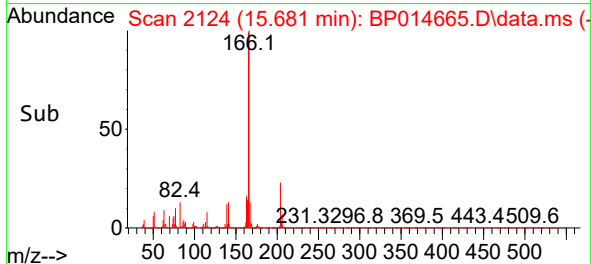
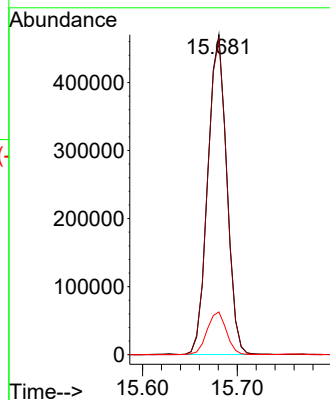
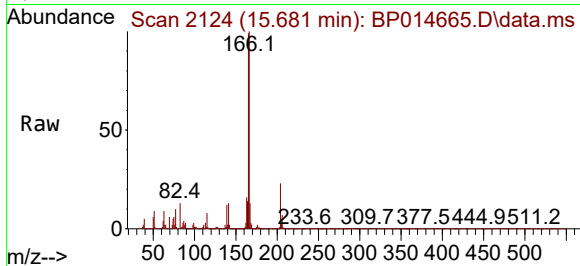
Tgt Ion:166 Resp: 653148

Ion Ratio Lower Upper

166 100

165 98.7 79.2 118.8

167 13.3 11.0 16.4



#62

4-Chlorophenyl-phenylether

Concen: 29.397 ng/ul

RT: 15.669 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

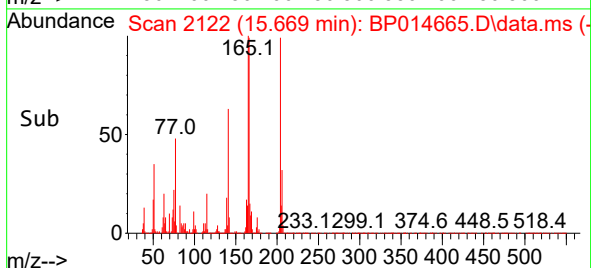
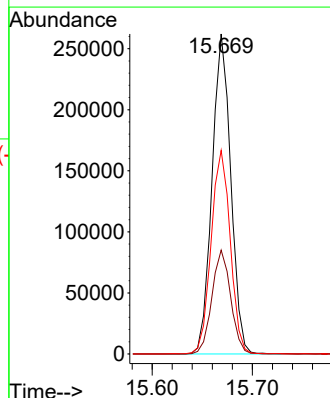
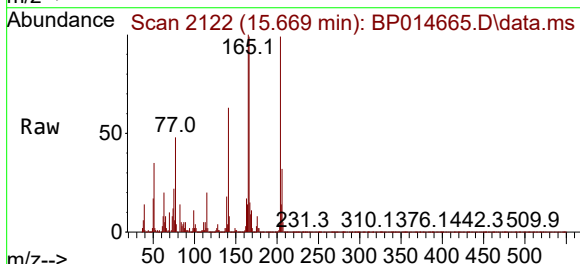
Tgt Ion:204 Resp: 340063

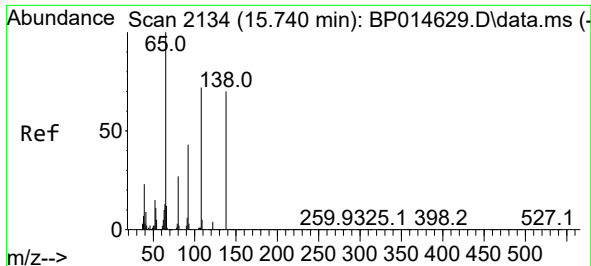
Ion Ratio Lower Upper

204 100

206 32.5 26.9 40.3

141 63.6 51.3 76.9

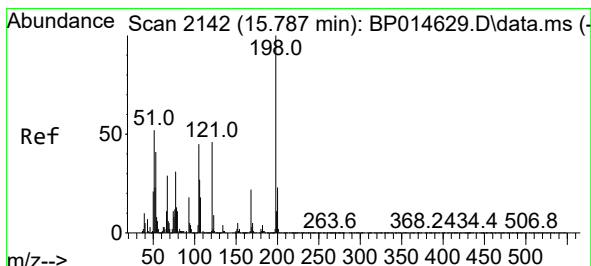
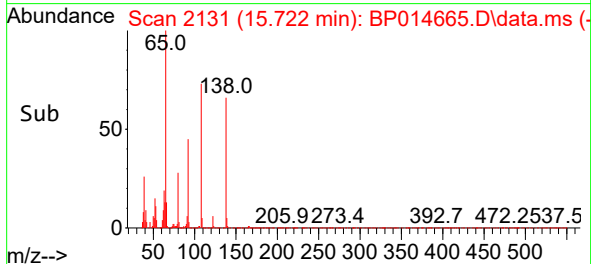
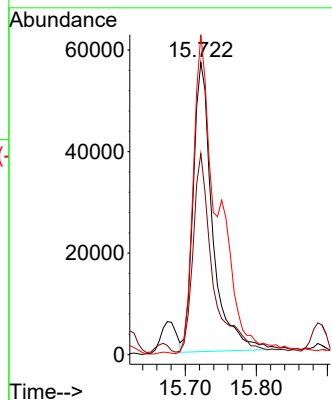
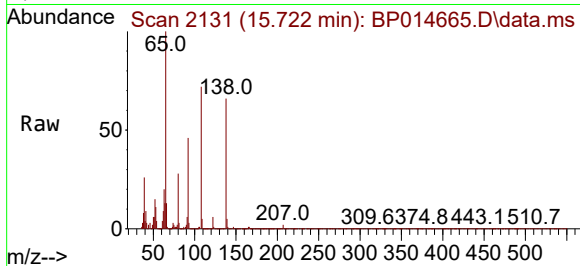




#63
4-Nitroaniline
Concen: 33.532 ng/ul
RT: 15.722 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

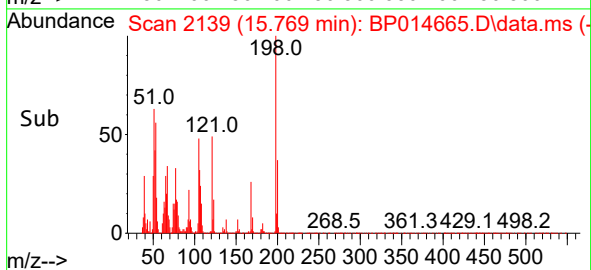
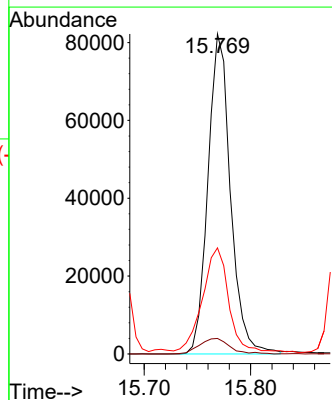
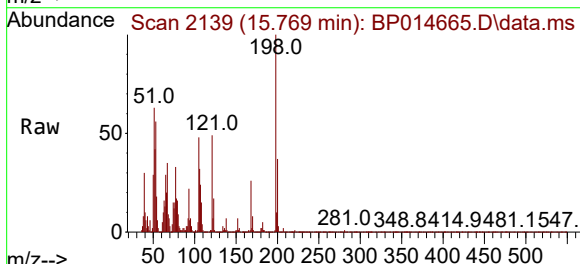
Instrument :
BNA_P
ClientSampleId :
SLCS027

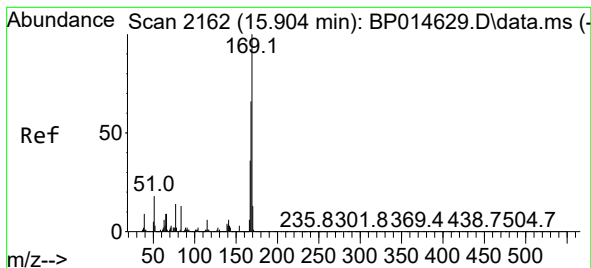
Tgt Ion:138 Resp: 107894
Ion Ratio Lower Upper
138 100
92 68.8 47.8 71.6
108 109.4 82.3 123.5



#66
4,6-Dinitro-2-methylphenol
Concen: 29.796 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:198 Resp: 121170
Ion Ratio Lower Upper
198 100
182 4.9 3.5 5.3
77 33.1 24.4 36.6





#67

N-Nitrosodiphenylamine

Concen: 30.392 ng/ul

RT: 15.887 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

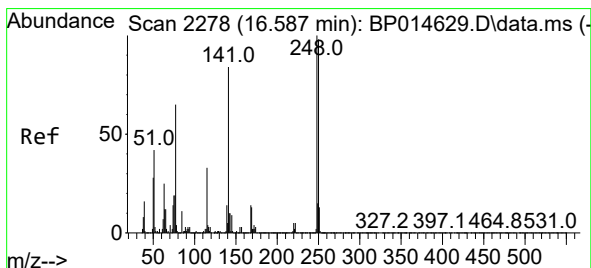
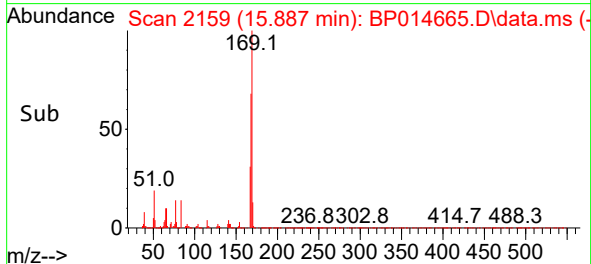
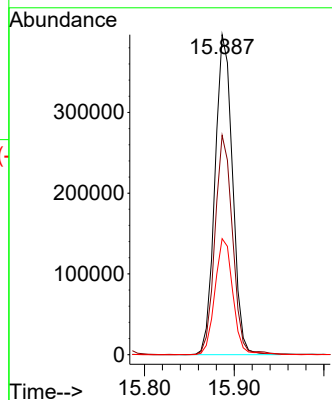
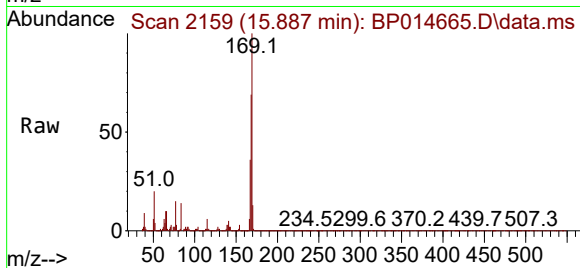
Tgt Ion:169 Resp: 539266

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

167 36.2 29.4 44.2



#68

4-Bromophenyl-phenylether

Concen: 29.032 ng/ul

RT: 16.569 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

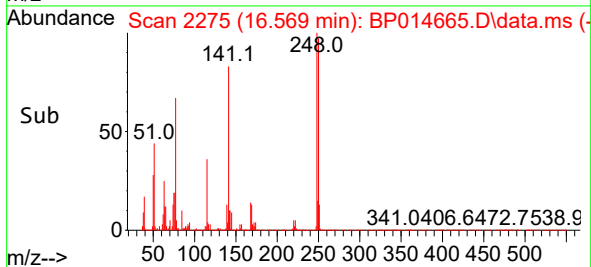
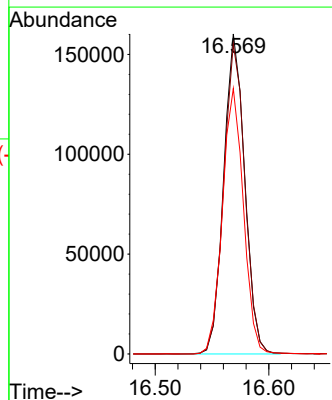
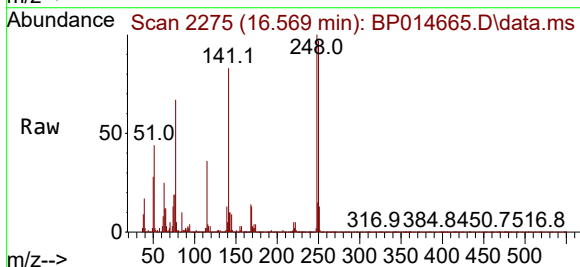
Tgt Ion:248 Resp: 206026

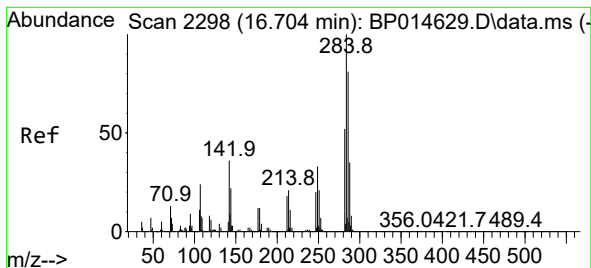
Ion Ratio Lower Upper

248 100

250 96.8 78.1 117.1

141 82.9 66.0 99.0





#69

Hexachlorobenzene

Concen: 29.563 ng/ul

RT: 16.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

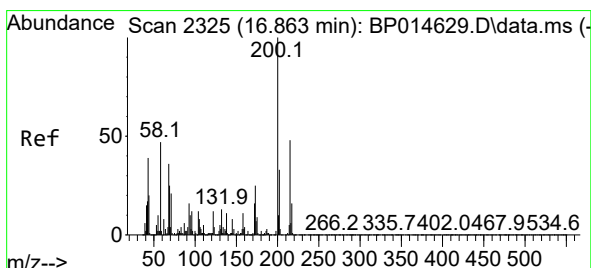
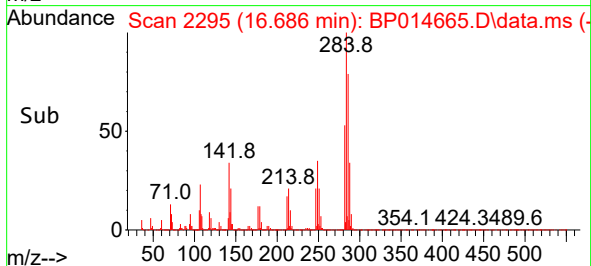
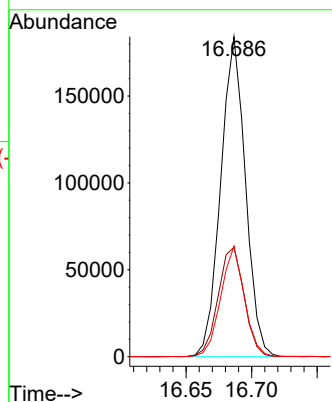
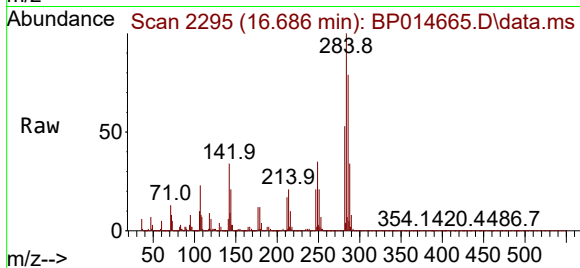
Tgt Ion:284 Resp: 240980

Ion Ratio Lower Upper

284 100

142 34.2 26.6 39.8

249 34.6 25.7 38.5



#70

Atrazine

Concen: 4.586 ng/ul

RT: 16.851 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

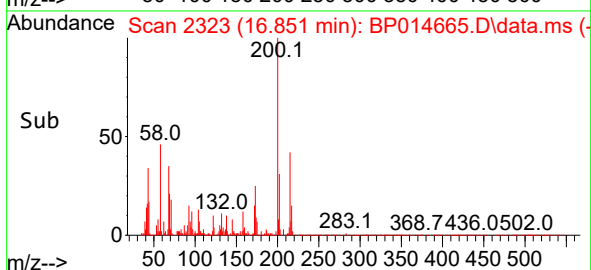
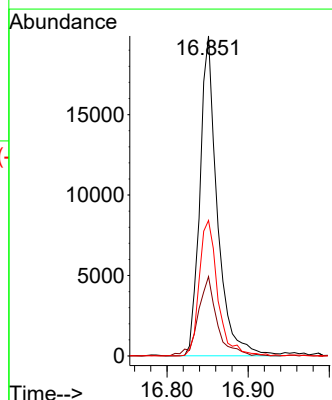
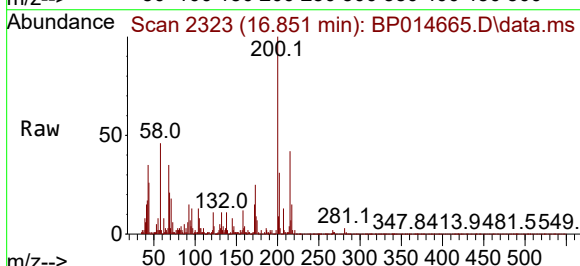
Tgt Ion:200 Resp: 29623

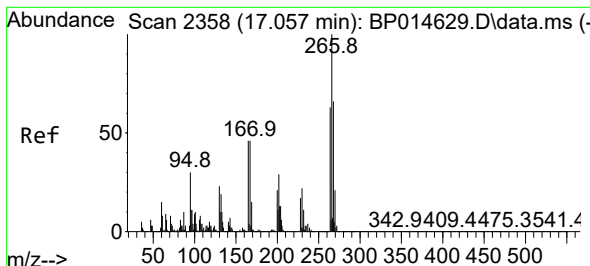
Ion Ratio Lower Upper

200 100

173 24.8 20.6 30.8

215 42.3 37.2 55.8





#71

Pentachlorophenol

Concen: 26.728 ng/ul

RT: 17.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

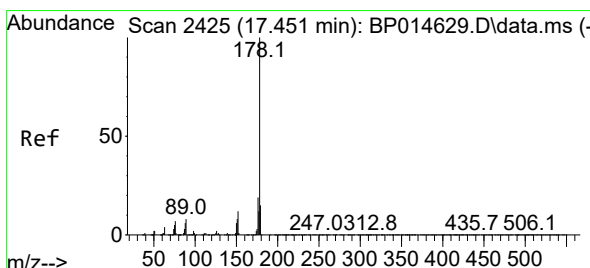
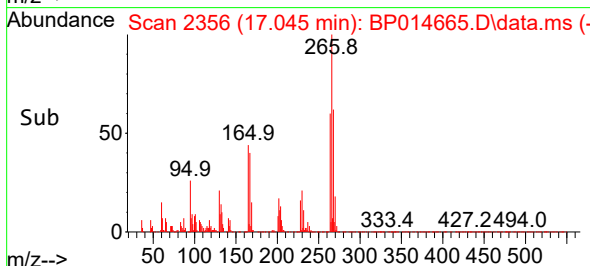
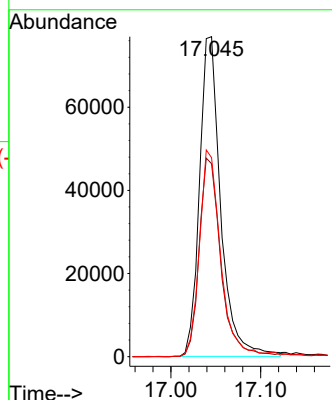
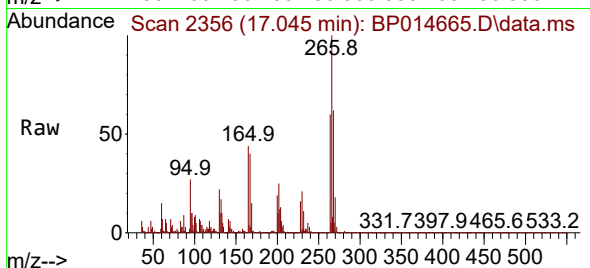
Tgt Ion:266 Resp: 126220

Ion Ratio Lower Upper

266 100

264 60.3 51.0 76.4

268 62.2 51.4 77.2



#72

Phenanthrene

Concen: 31.443 ng/ul

RT: 17.433 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

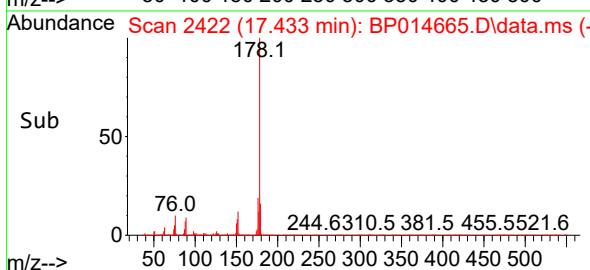
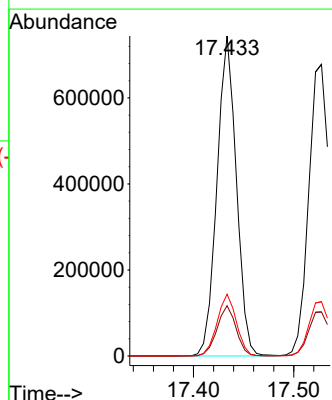
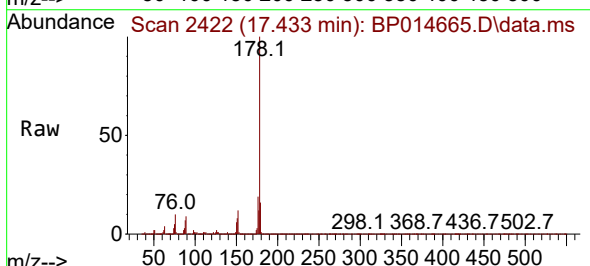
Tgt Ion:178 Resp: 997634

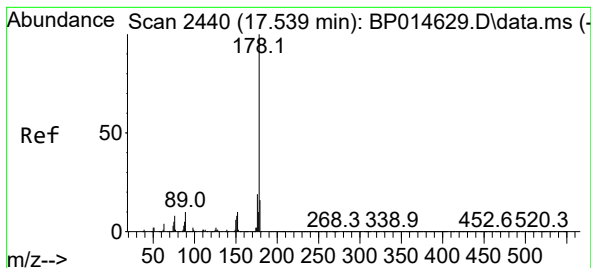
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.3 15.3 22.9





#74

Anthracene

Concen: 31.594 ng/uI

RT: 17.528 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

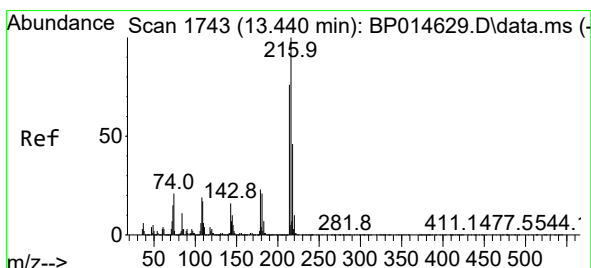
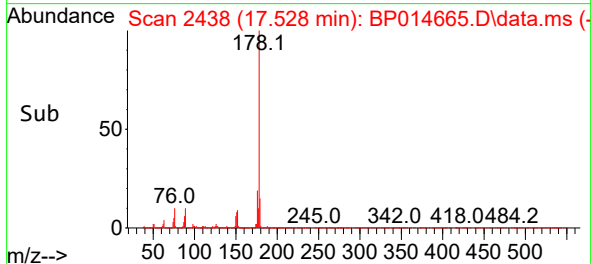
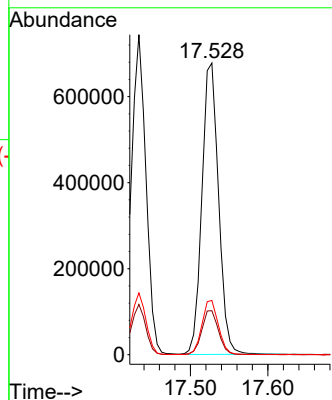
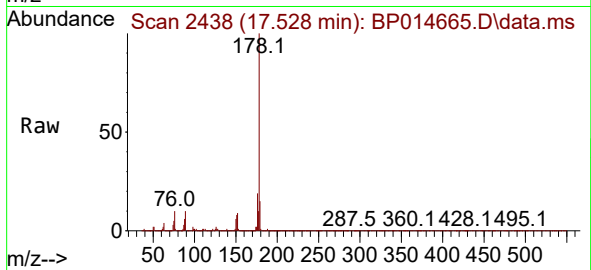
Tgt Ion:178 Resp: 1010304

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.6 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.141 ng/uI

RT: 13.422 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

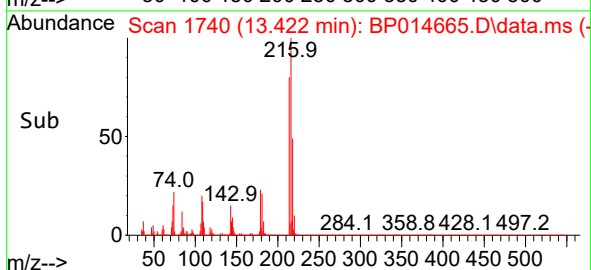
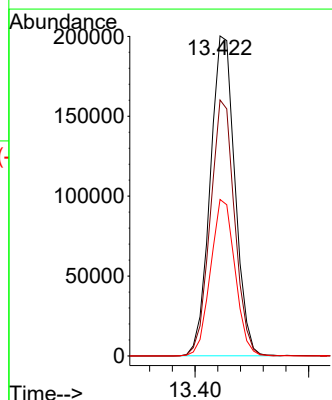
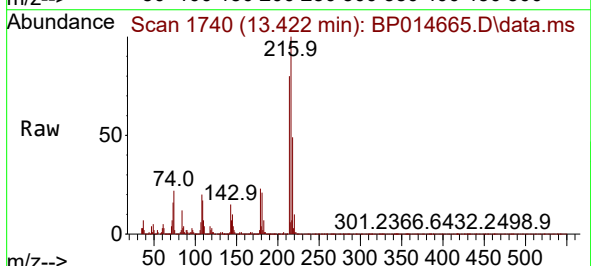
Tgt Ion:216 Resp: 302577

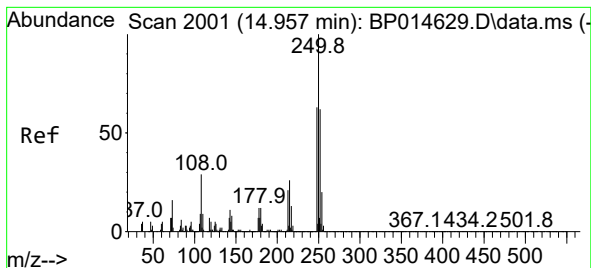
Ion Ratio Lower Upper

216 100

214 80.0 61.0 91.6

218 48.9 38.7 58.1





#76

Pentachlorobenzene

Concen: 29.287 ng/uL

RT: 14.945 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

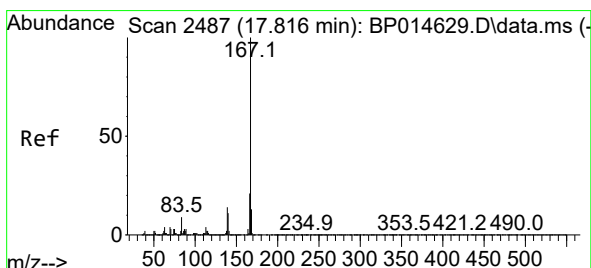
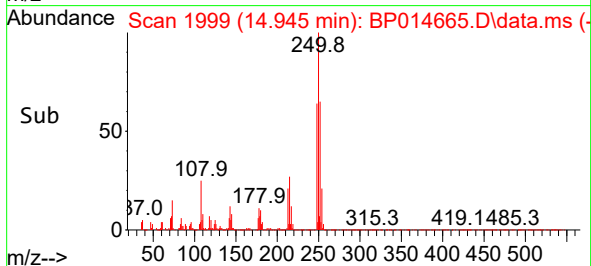
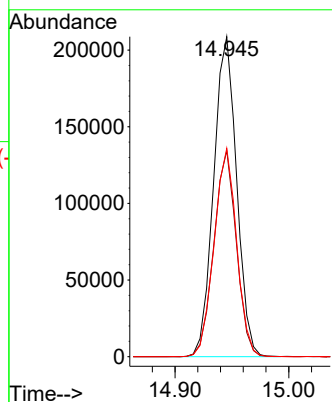
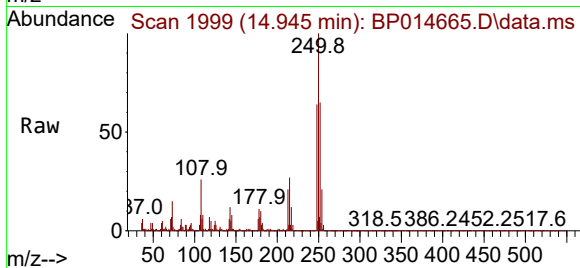
Tgt Ion:250 Resp: 293363

Ion Ratio Lower Upper

250 100

248 64.4 49.0 73.6

252 65.1 50.7 76.1



#77

Carbazole

Concen: 32.422 ng/uL

RT: 17.804 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

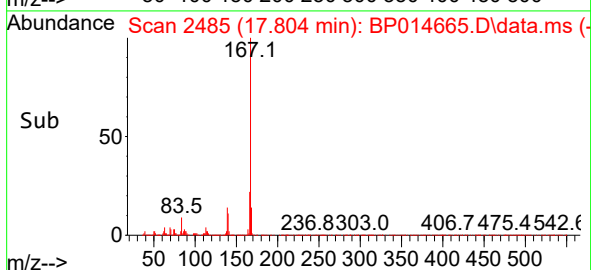
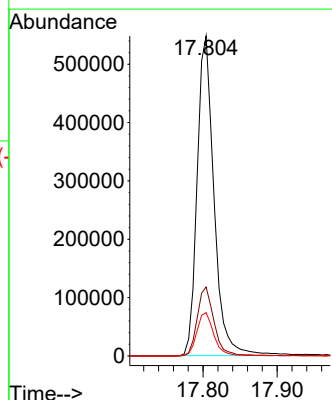
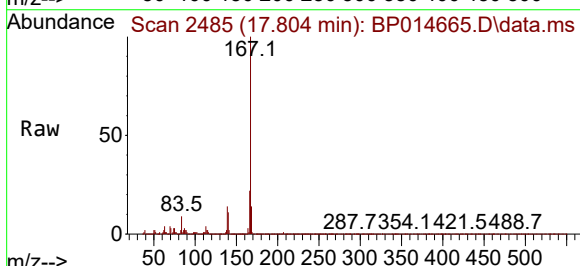
Tgt Ion:167 Resp: 867634

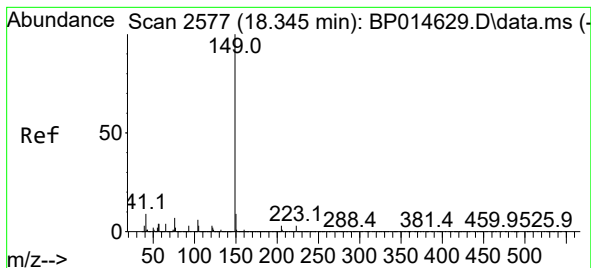
Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.6 11.3 16.9





#78

Di-n-butylphthalate

Concen: 34.204 ng/ul

RT: 18.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

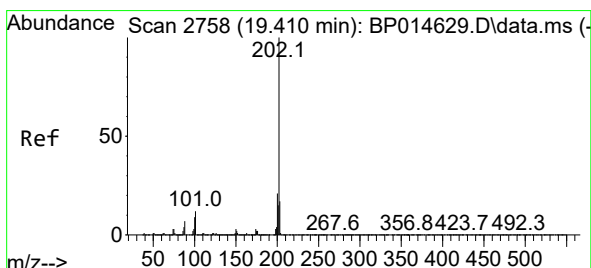
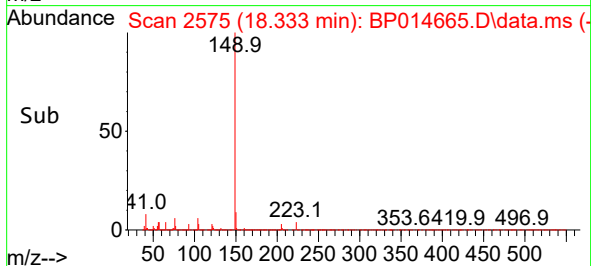
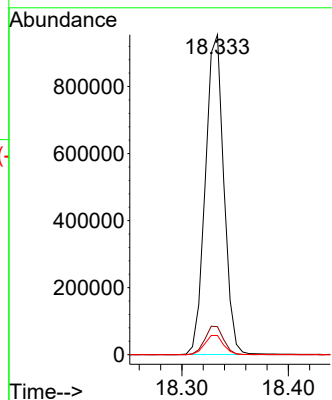
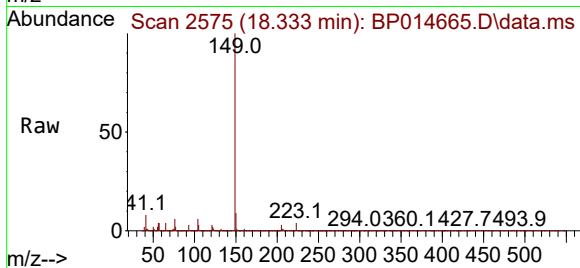
Tgt Ion:149 Resp: 1150900

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 6.0 4.8 7.2



#80

Fluoranthene

Concen: 25.881 ng/ul

RT: 19.398 min Scan# 2756

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

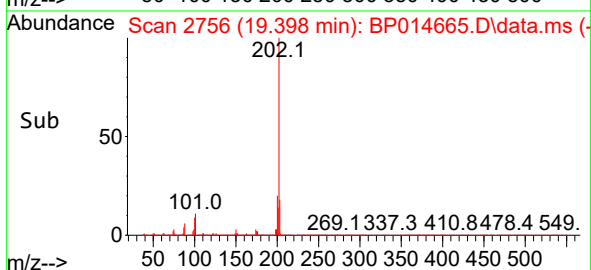
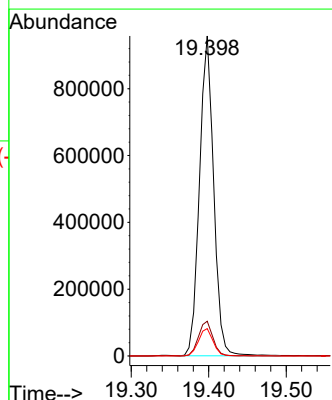
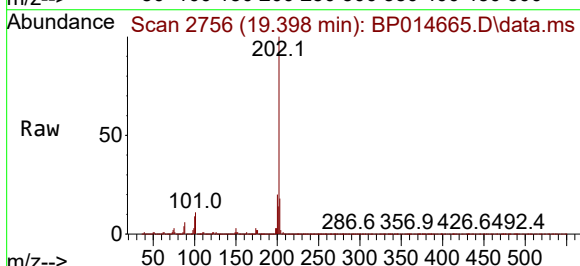
Tgt Ion:202 Resp: 1218135

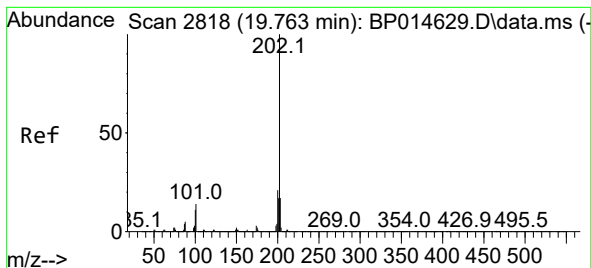
Ion Ratio Lower Upper

202 100

101 10.9 8.2 12.2

100 8.5 6.4 9.6





#82

Pyrene

Concen: 26.116 ng/ul

RT: 19.751 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

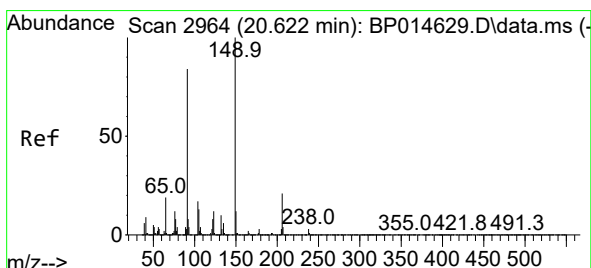
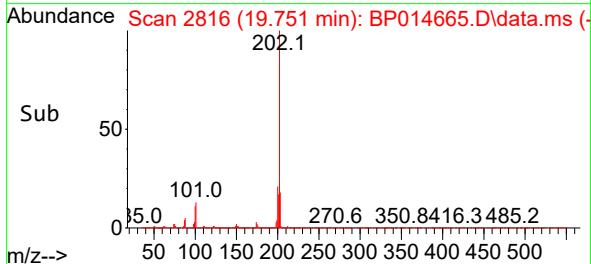
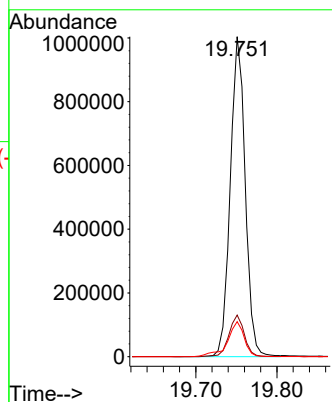
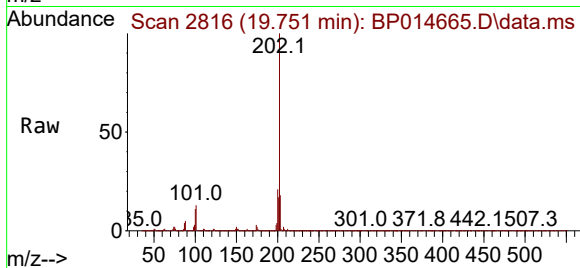
Tgt Ion:202 Resp: 1283340

Ion Ratio Lower Upper

202 100

101 13.0 9.7 14.5

100 11.0 8.0 12.0



#83

Butylbenzylphthalate

Concen: 32.017 ng/ul

RT: 20.610 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

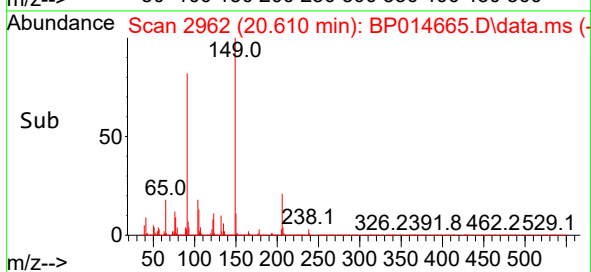
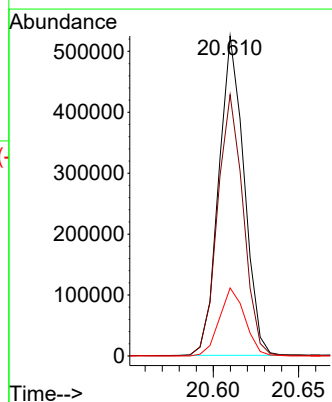
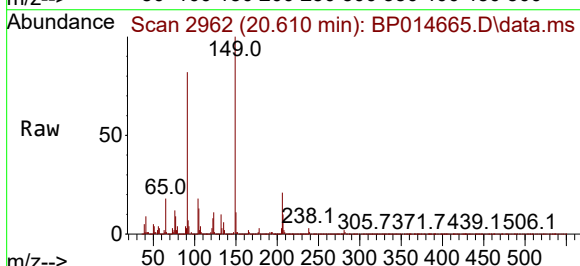
Tgt Ion:149 Resp: 541941

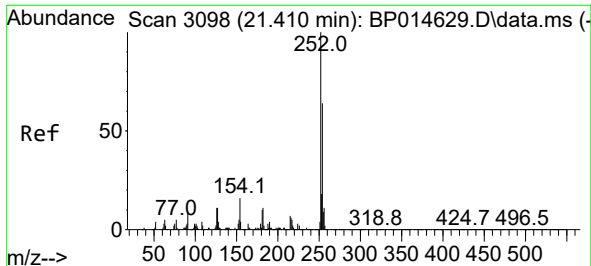
Ion Ratio Lower Upper

149 100

91 81.6 61.8 92.8

206 21.2 17.8 26.6

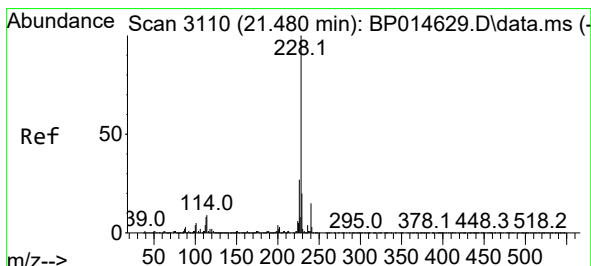
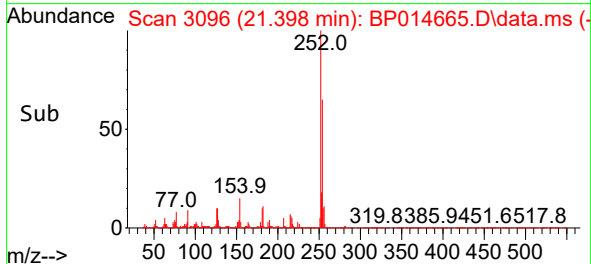
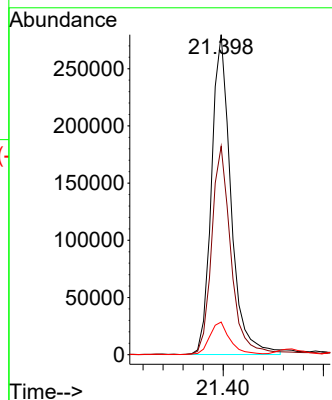
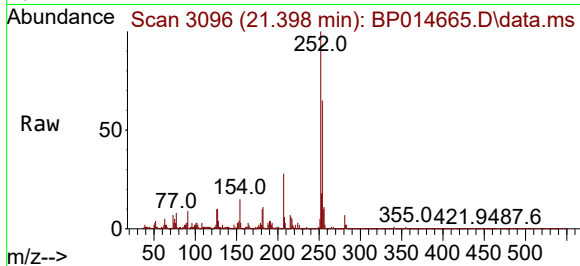




#84
3,3'-Dichlorobenzidine
Concen: 28.699 ng/ul
RT: 21.398 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

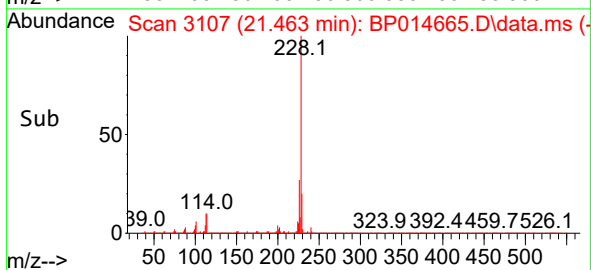
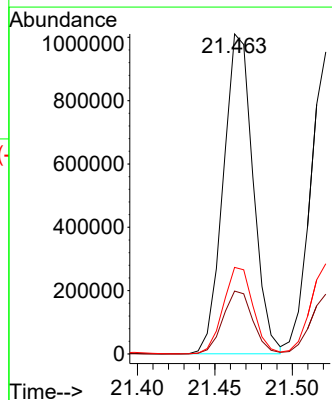
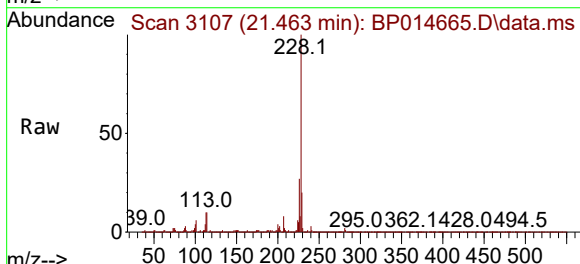
Instrument :
BNA_P
ClientSampleId :
SLCS027

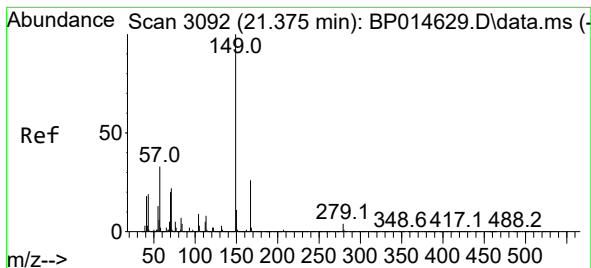
Tgt Ion:252 Resp: 376161
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 10.2 7.8 11.6



#85
Benzo(a)anthracene
Concen: 32.220 ng/ul
RT: 21.463 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:228 Resp: 1353106
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.0 21.8 32.6

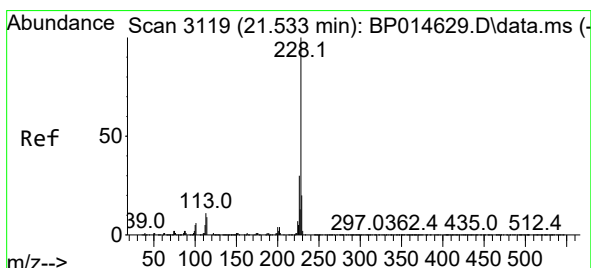
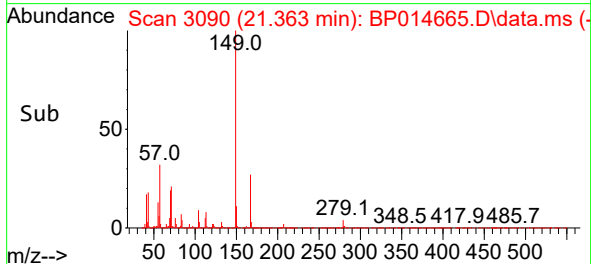
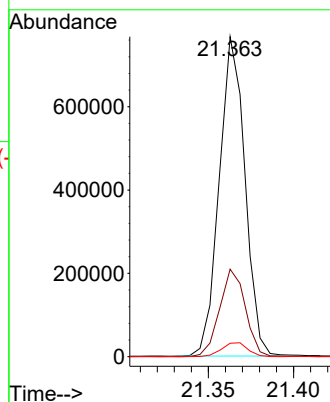
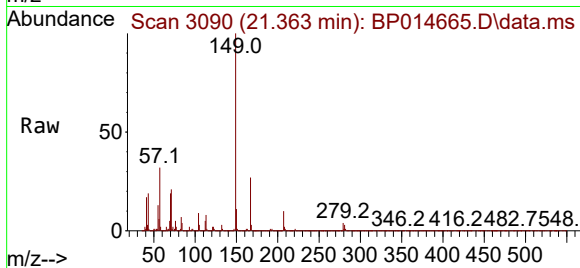




#86
Bis(2-ethylhexyl)phthalate
Concen: 34.776 ng/ul
RT: 21.363 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

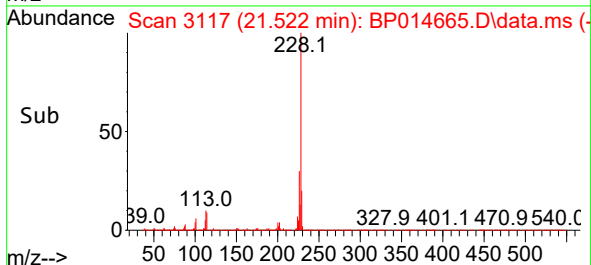
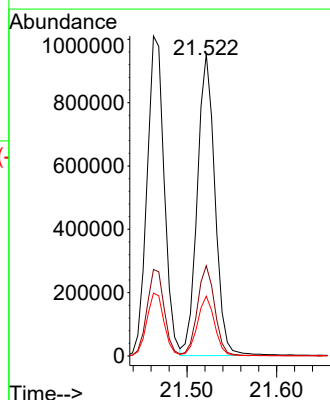
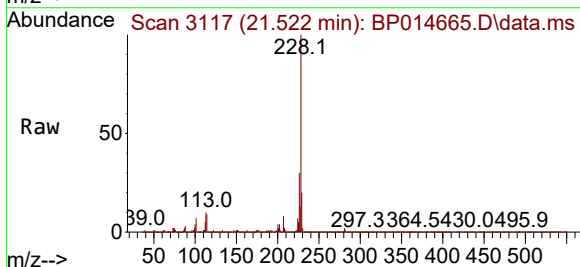
Instrument :
BNA_P
ClientSampleId :
SLCS027

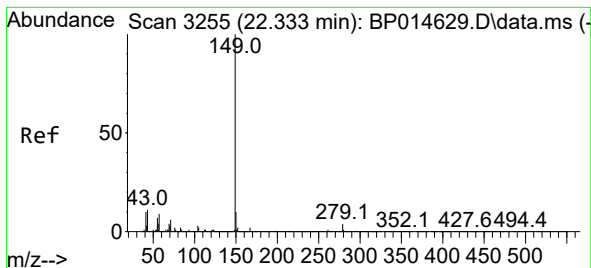
Tgt Ion:149 Resp: 804922
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 4.2 3.7 5.5



#87
Chrysene
Concen: 32.826 ng/ul
RT: 21.522 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP014665.D
Acq: 11 Apr 2023 20:17

Tgt Ion:228 Resp: 1301697
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.8 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 33.545 ng/ul

RT: 22.321 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

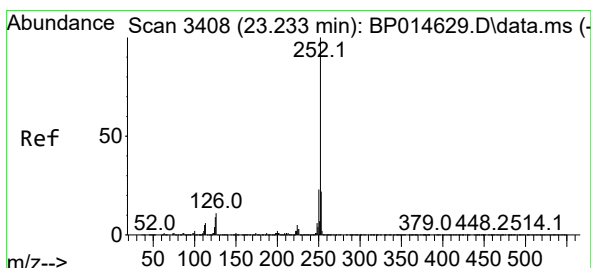
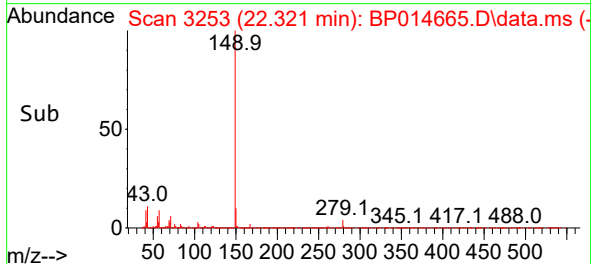
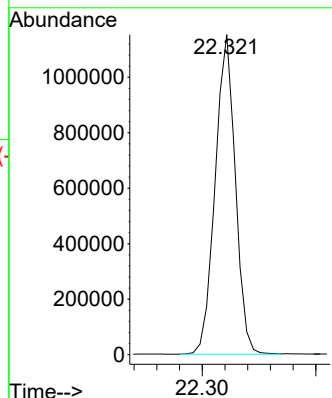
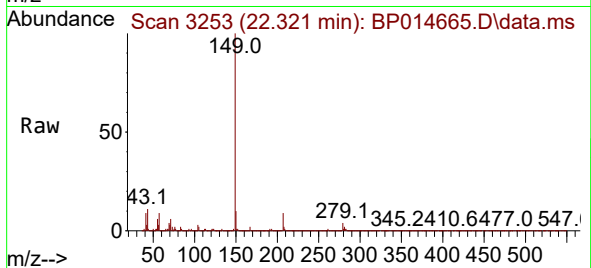
Instrument :

BNA_P

ClientSampleId :

SLCS027

Tgt Ion:149 Resp: 1420888



#90

Benzo(b)fluoranthene

Concen: 31.706 ng/ul

RT: 23.216 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

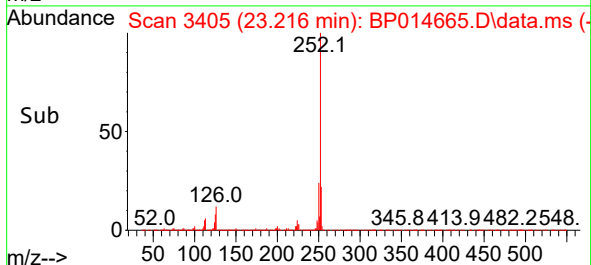
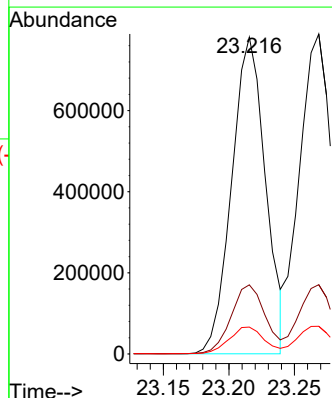
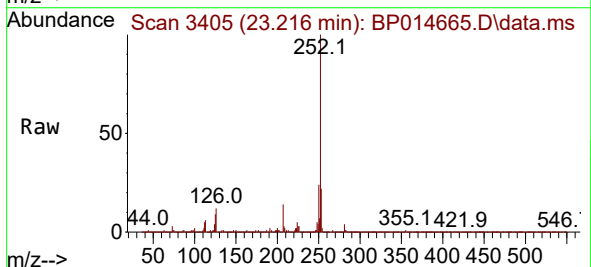
Tgt Ion:252 Resp: 1397668

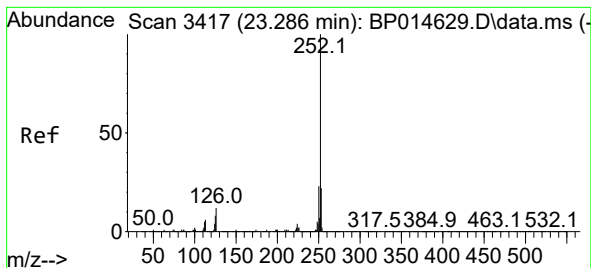
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 8.5 6.8 10.2





#91

Benzo(k)fluoranthene

Concen: 32.736 ng/ul

RT: 23.268 min Scan# 3417

Delta R.T. 0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

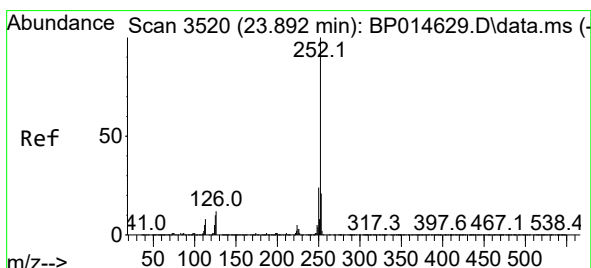
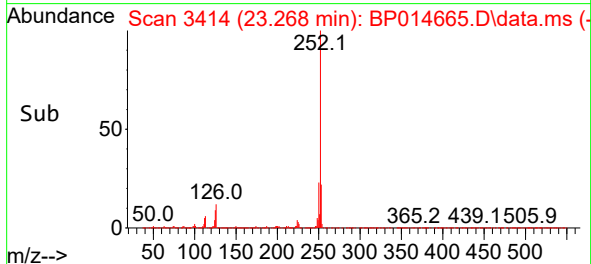
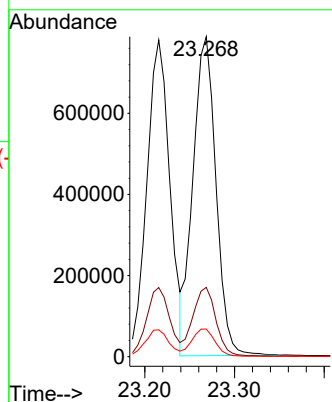
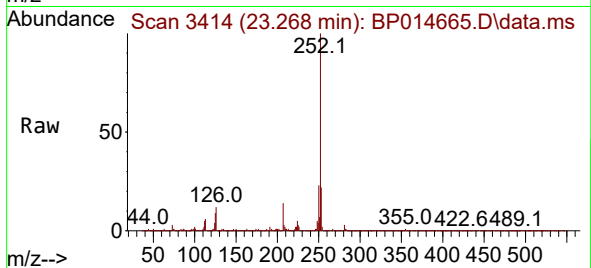
Tgt Ion:252 Resp: 1401572

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 8.6 6.9 10.3



#93

Benzo(a)pyrene

Concen: 32.768 ng/ul

RT: 23.874 min Scan# 3517

Delta R.T. 0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

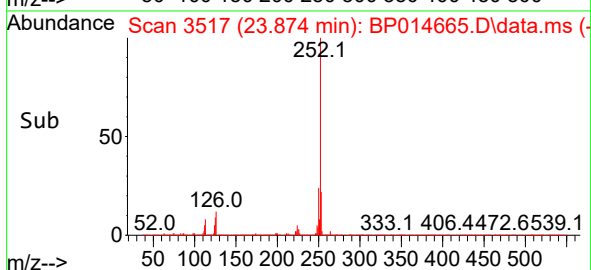
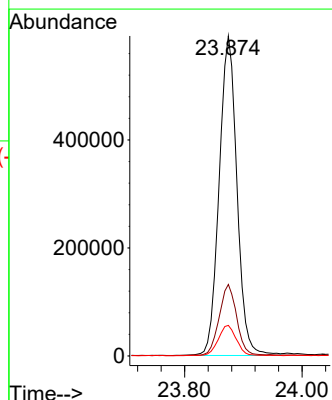
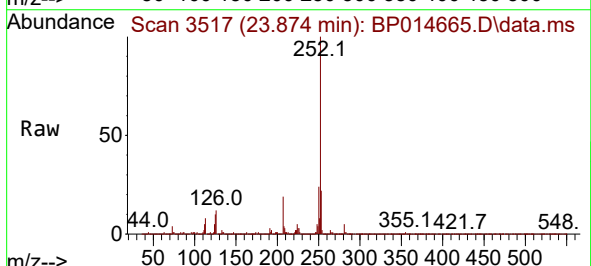
Tgt Ion:252 Resp: 1243384

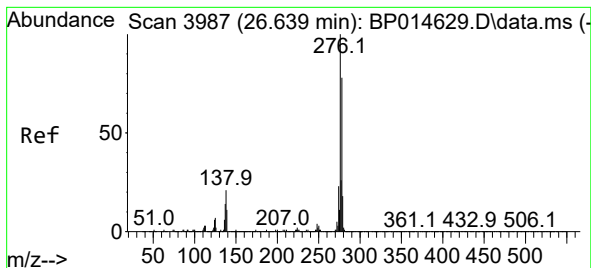
Ion Ratio Lower Upper

252 100

253 22.4 16.9 25.3

125 9.5 6.8 10.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 31.770 ng/ul

RT: 26.609 min Scan# 3982

Delta R.T. 0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027

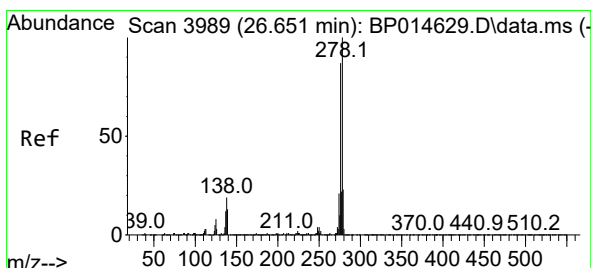
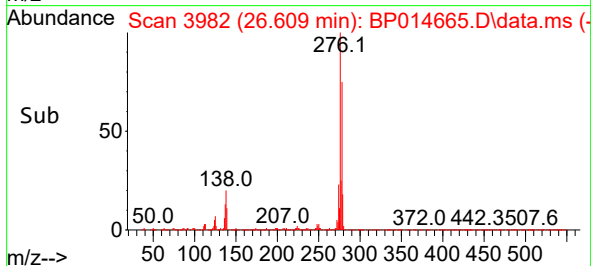
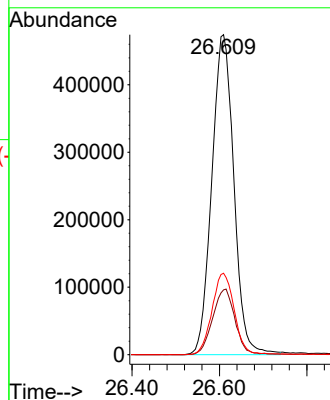
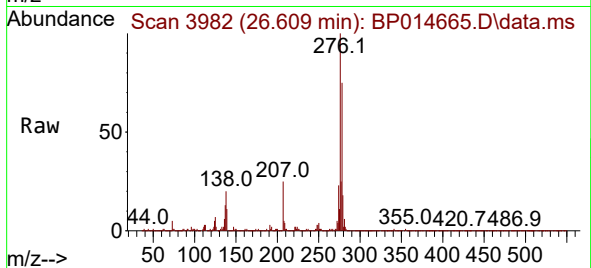
Tgt Ion:276 Resp: 1658485

Ion Ratio Lower Upper

276 100

138 20.2 14.9 22.3

277 25.5 20.3 30.5



#95

Dibenzo(a,h)anthracene

Concen: 31.260 ng/ul

RT: 26.621 min Scan# 3984

Delta R.T. 0.006 min

Lab File: BP014665.D

Acq: 11 Apr 2023 20:17

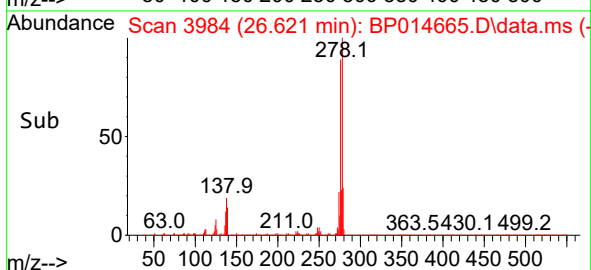
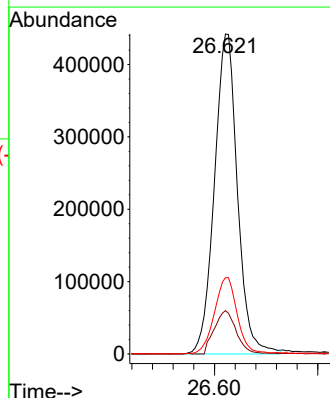
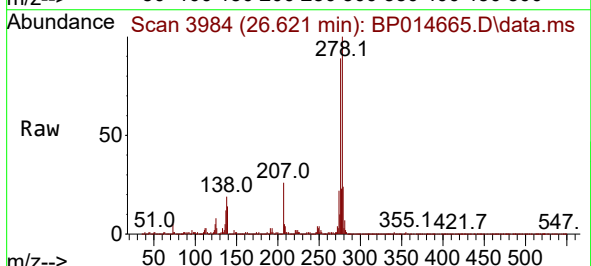
Tgt Ion:278 Resp: 1366304

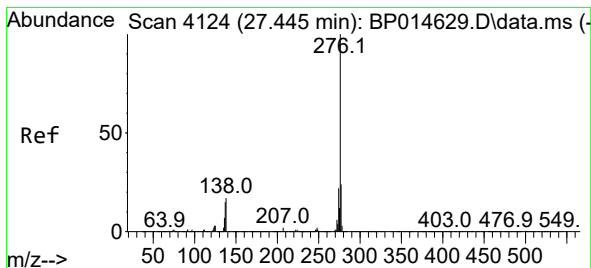
Ion Ratio Lower Upper

278 100

139 13.6 10.4 15.6

279 23.9 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 31.475 ng/ul

RT: 27.409 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP014665.D

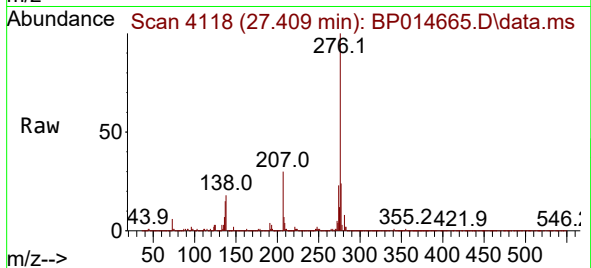
Acq: 11 Apr 2023 20:17

Instrument :

BNA_P

ClientSampleId :

SLCS027



Tgt Ion:276 Resp: 1339343

Ion Ratio Lower Upper

276 100

138 18.3 13.0 19.4

277 24.2 18.4 27.6

