

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
 Data File : BP014642.D
 Acq On : 10 Apr 2023 23:53
 Operator : CG/JU
 Sample : PB152000BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS000

Quant Time: Apr 11 01:25:33 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	112125	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	484652	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	320872	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	727448	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	753661	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	823243	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	15991	5.531	ng/uL	0.00
4) Pyridine-d5	3.793	84	218000	29.422	ng/u1	0.00
7) Phenol-d5	7.140	99	288266	27.877	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	195699	29.496	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	216549	28.974	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	232056	27.821	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	105796	27.040	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	124982	27.897	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	224891	27.563	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	195129	18.156	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	720392	27.689	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	803423	27.830	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	111230	28.300	ng/u1	0.00
60) Fluorene-d10	15.622	176	611324	28.177	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	131436	24.555	ng/u1	0.00
73) Anthracene-d10	17.492	188	992574	28.194	ng/u1	0.00
81) Pyrene-d10	19.722	212	1220622	24.112	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	1270103	29.039	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	38287	12.050	ng/uL	93
5) Pyridine	3.811	79	224847	28.998	ng/u1	91
6) Benzaldehyde	7.122	77	46871	9.119	ng/u1	94
8) Phenol	7.169	94	312161	29.100	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.399	93	247866	28.753	ng/u1	97
12) 2-Chlorophenol	7.540	128	225518	28.990	ng/u1	91
13) 2-Methylphenol	8.428	108	228629	28.579	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.511	45	364004	32.161	ng/u1	98
16) Acetophenone	8.810	105	393000	28.533	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.793	70	224025	30.107	ng/u1	92
18) 4-Methylphenol	8.763	108	248457	28.280	ng/u1	98
19) Hexachloroethane	9.058	117	103306	30.394	ng/u1	98
22) Nitrobenzene	9.193	77	329267	29.294	ng/u1	98
23) Isophorone	9.722	82	593817	28.661	ng/u1	98
25) 2-Nitrophenol	9.910	139	131001	27.703	ng/u1	91
26) 2,4-Dimethylphenol	9.969	107	299189	28.268	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.205	93	343912	27.686	ng/u1	98
29) 2,4-Dichlorophenol	10.452	162	229186	28.542	ng/u1	99
30) Naphthalene	10.846	128	761523	28.209	ng/u1	99
32) 4-Chloroaniline	10.969	127	135782	12.474	ng/u1	97
33) Hexachlorobutadiene	11.116	225	169780	26.689	ng/u1	96
35) 4-Chloro-3-methylphenol	12.093	107	287905	29.151	ng/u1	97
36) 2-Methylnaphthalene	12.451	142	504821	27.593	ng/u1	99
37) 1-Methylnaphthalene	12.669	142	528003	29.100	ng/u1	99

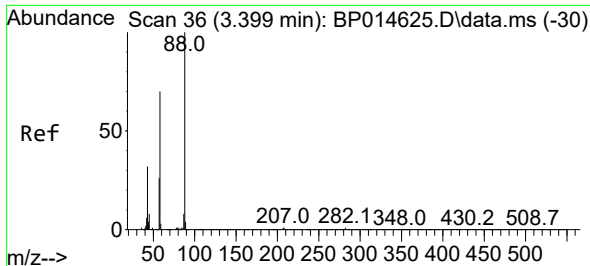
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.816	216	299348	26.166	ng/ul	97
40) Hexachlorocyclopentadiene	12.787	237	159909	21.584	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	184176	26.016	ng/ul	100
42) 2,4,5-Trichlorophenol	13.146	196	206024	27.336	ng/ul	95
43) 1,1'-Biphenyl	13.457	154	704617	27.181	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	561010	27.370	ng/ul	99
45) 2-Nitroaniline	13.722	65	205262	32.336	ng/ul	94
47) Dimethylphthalate	14.087	163	734920	28.252	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	148481	29.216	ng/ul	94
50) Acenaphthylene	14.351	152	880816	28.649	ng/ul	100
51) 3-Nitroaniline	14.551	138	119608	26.270	ng/ul	97
52) Acenaphthene	14.693	153	620512	28.561	ng/ul	96
53) 2,4-Dinitrophenol	14.769	184	69378	21.080	ng/ul	89
55) 4-Nitrophenol	14.869	109	116572	30.052	ng/ul	97
56) Dibenzofuran	15.028	168	860662	28.180	ng/ul	97
57) 2,4-Dinitrotoluene	15.004	165	226522	31.422	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.257	232	183082	27.028	ng/ul	94
59) Diethylphthalate	15.445	149	767672	29.697	ng/ul	99
61) Fluorene	15.681	166	721935	29.163	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	369157	27.756	ng/ul	99
63) 4-Nitroaniline	15.722	138	123070	33.268	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.769	198	129821	25.027	ng/ul	94
67) N-Nitrosodiphenylamine	15.887	169	609297	26.920	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	231210	25.542	ng/ul	97
69) Hexachlorobenzene	16.687	284	275490	26.496	ng/ul	98
70) Atrazine	16.845	200	26921	3.267	ng/ul	94
71) Pentachlorophenol	17.039	266	142068	23.585	ng/ul	97
72) Phenanthrene	17.434	178	1178059	29.109	ng/ul	100
74) Anthracene	17.528	178	1201201	29.449	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.428	216	305016	23.820	ng/uL	99
76) Pentachlorobenzene	14.945	250	317280	24.832	ng/uL	97
77) Carbazole	17.804	167	1048941	30.730	ng/ul	99
78) Di-n-butylphthalate	18.334	149	1352710	31.517	ng/ul	99
80) Fluoranthene	19.398	202	1441180	24.078	ng/ul	98
82) Pyrene	19.751	202	1526280	24.424	ng/ul	98
83) Butylbenzylphthalate	20.610	149	656643	30.506	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	400667	24.038	ng/ul	98
85) Benzo(a)anthracene	21.463	228	1550330	29.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	977809	33.220	ng/ul	99
87) Chrysene	21.522	228	1487408	29.496	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	1687493	31.587	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1619511	29.128	ng/ul	100
91) Benzo(k)fluoranthene	23.263	252	1580489	29.268	ng/ul	100
93) Benzo(a)pyrene	23.874	252	1422630	29.726	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.604	276	1899845	28.854	ng/ul	99
95) Dibenzo(a,h)anthracene	26.615	278	1585363	28.759	ng/ul	99
96) Benzo(g,h,i)perylene	27.410	276	1536886	28.636	ng/ul	98

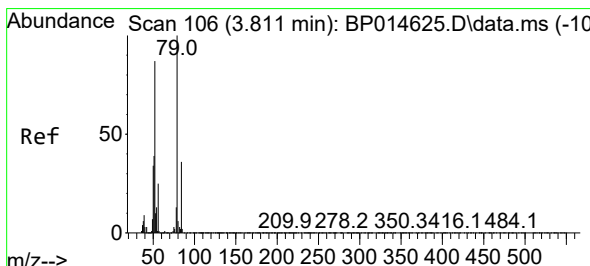
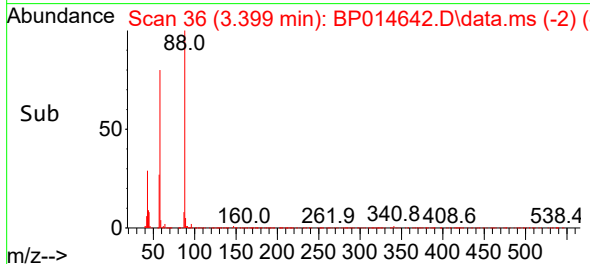
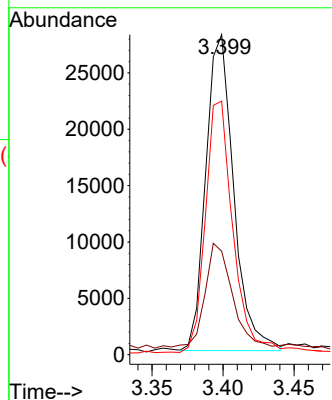
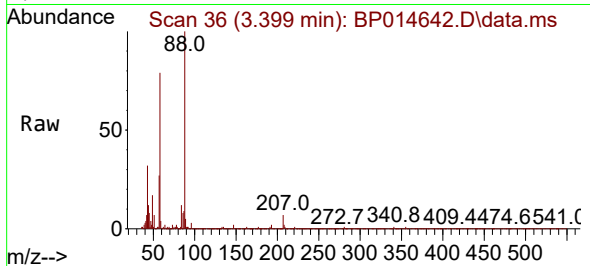
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#2
1,4-Dioxane
Concen: 12.050 ng/uL
RT: 3.399 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP014642.D
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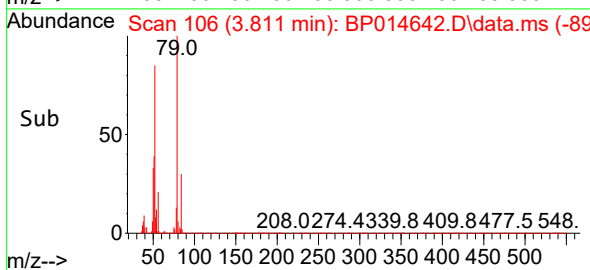
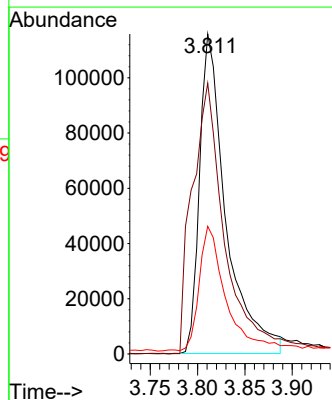
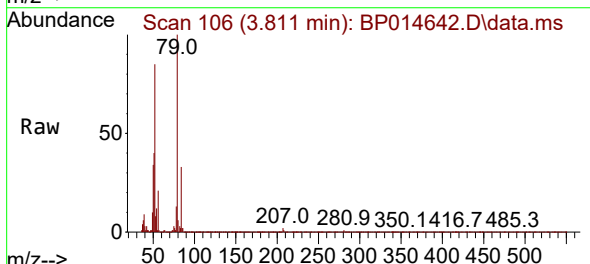
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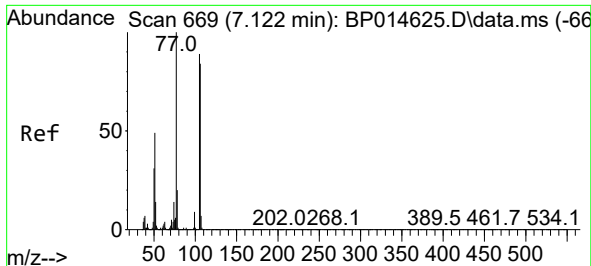
Tgt Ion: 88 Resp: 38287
Ion Ratio Lower Upper
88 100
43 32.4 24.4 36.6
58 79.2 57.4 86.0



#5
Pyridine
Concen: 28.998 ng/uL
RT: 3.811 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion: 79 Resp: 224847
Ion Ratio Lower Upper
79 100
52 84.7 61.4 92.2
51 39.9 28.5 42.7

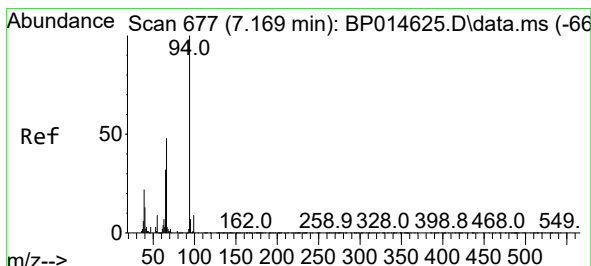
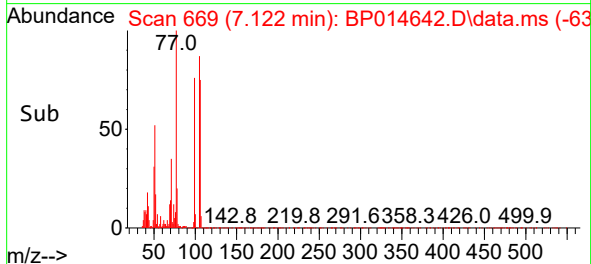
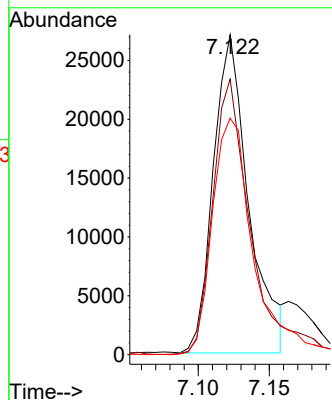
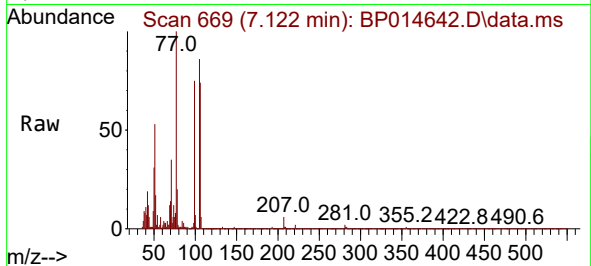




#6
Benzaldehyde
Concen: 9.119 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

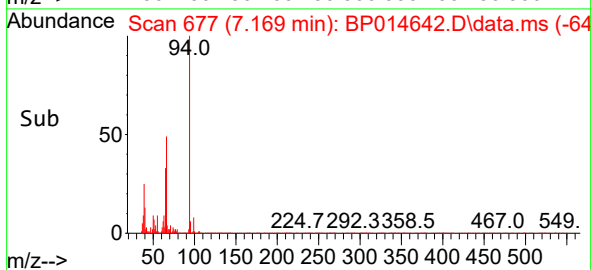
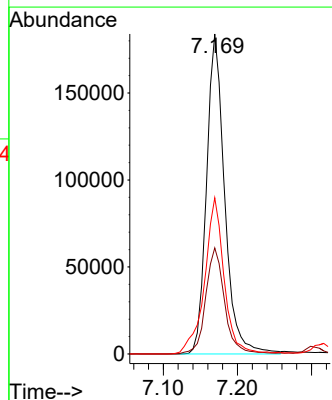
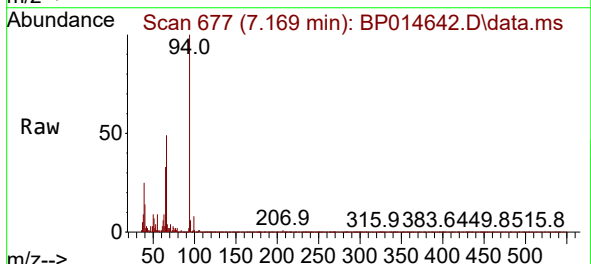
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ClientSampleId :
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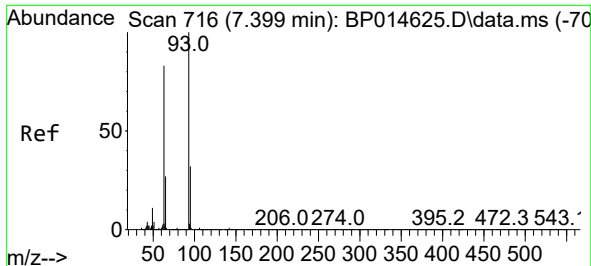
Tgt Ion: 77 Resp: 46871
Ion Ratio Lower Upper
77 100
105 86.1 70.6 105.8
106 73.9 66.5 99.7



#8
Phenol
Concen: 29.100 ng/ul
RT: 7.169 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion: 94 Resp: 312161
Ion Ratio Lower Upper
94 100
65 33.2 25.2 37.8
66 48.8 36.2 54.4

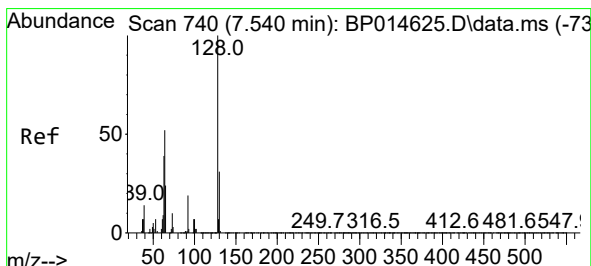
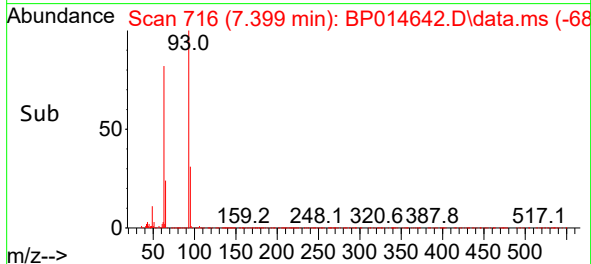
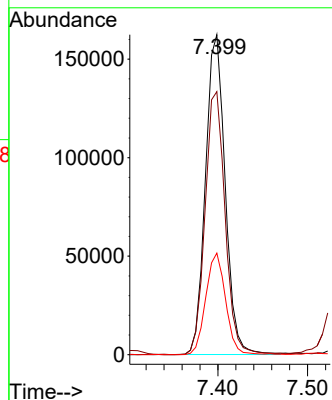
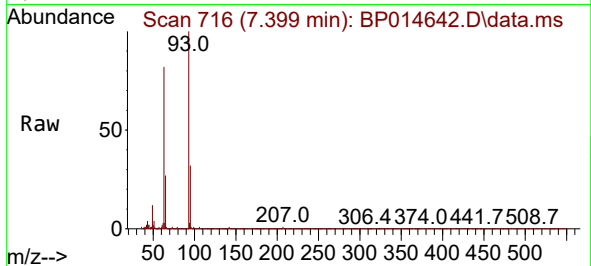




#10
Bis(2-Chloroethyl)ether
Concen: 28.753 ng/ul
RT: 7.399 min Scan# 716
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

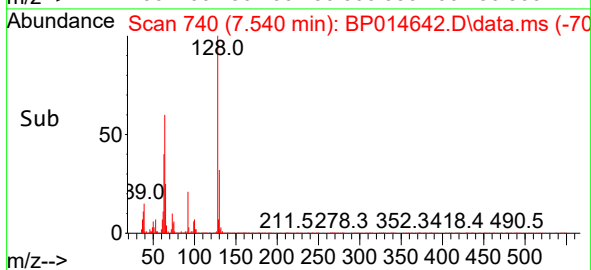
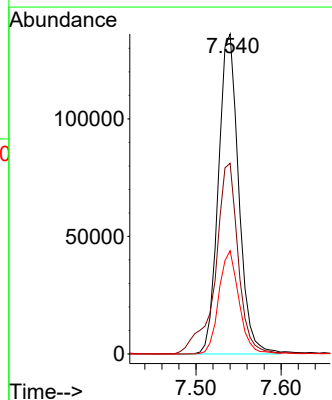
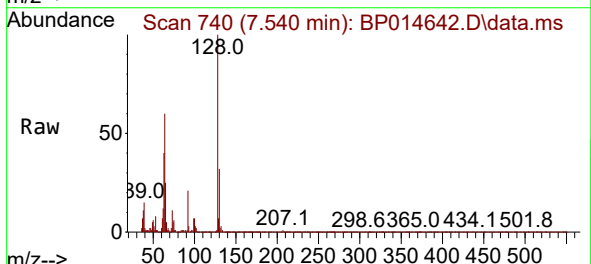
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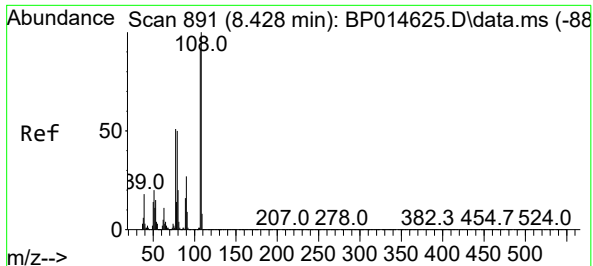
Tgt Ion: 93 Resp: 247866
Ion Ratio Lower Upper
93 100
63 82.2 63.2 94.8
95 31.7 26.0 39.0



#12
2-Chlorophenol
Concen: 28.990 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion: 128 Resp: 225518
Ion Ratio Lower Upper
128 100
64 59.6 41.4 62.0
130 32.3 24.1 36.1





#13

2-Methylphenol

Concen: 28.579 ng/ul

RT: 8.428 min Scan# 891

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

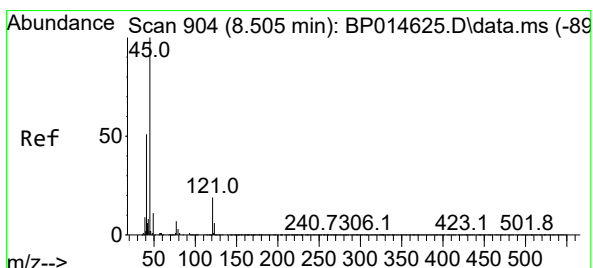
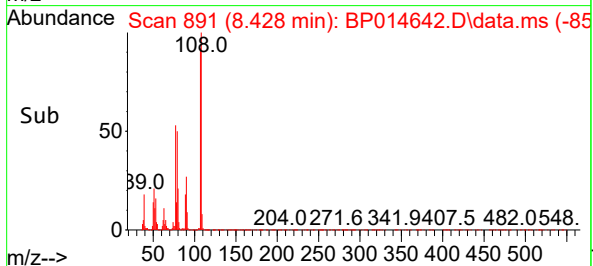
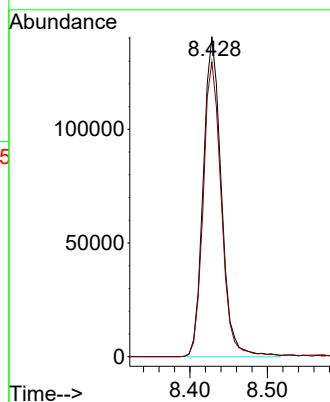
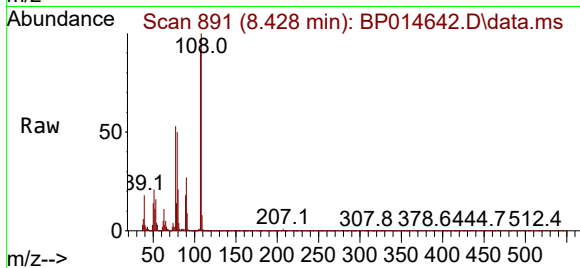
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Tgt Ion:108 Resp: 228629

Ion Ratio Lower Upper

108 100

107 92.1 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.161 ng/ul

RT: 8.511 min Scan# 905

Delta R.T. 0.006 min

Lab File: BP014642.D

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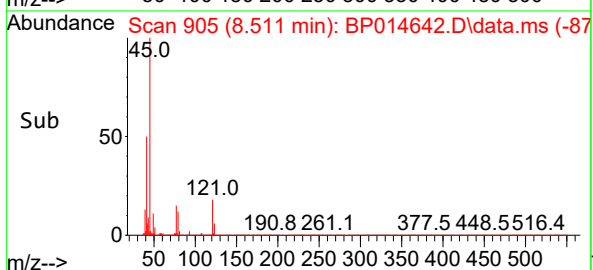
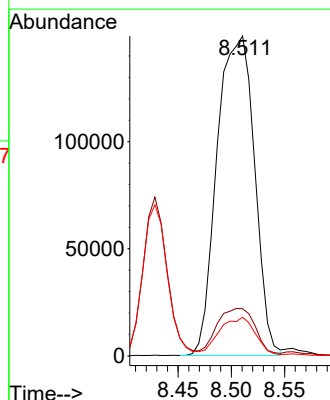
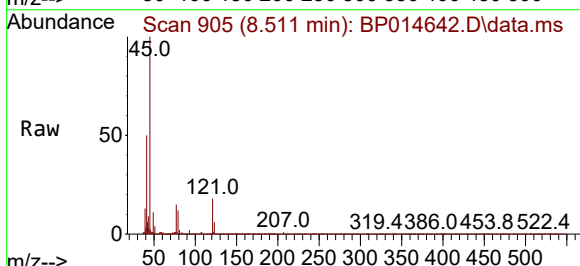
Tgt Ion: 45 Resp: 364004

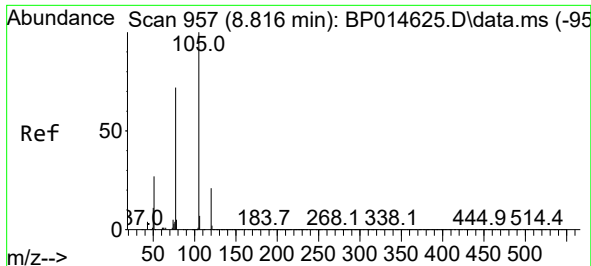
Ion Ratio Lower Upper

45 100

77 14.8 12.8 19.2

79 12.1 9.6 14.4

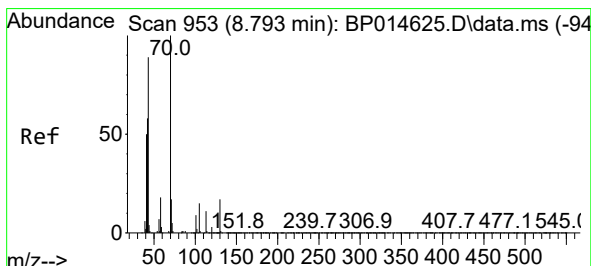
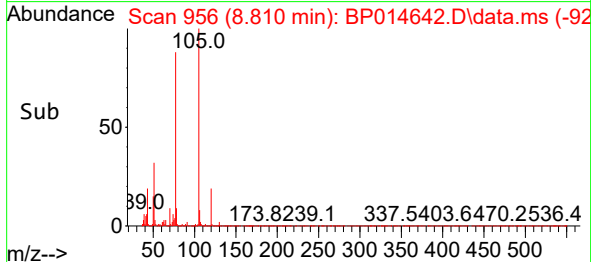
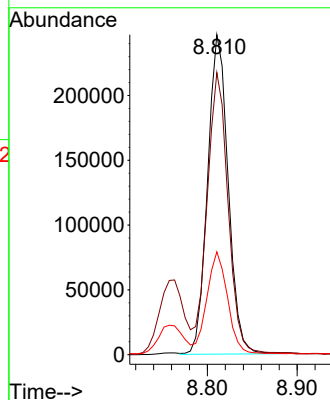
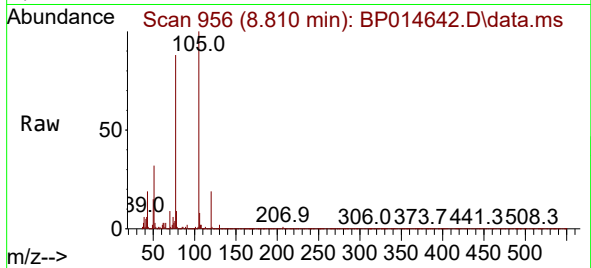




#16
Acetophenone
Concen: 28.533 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

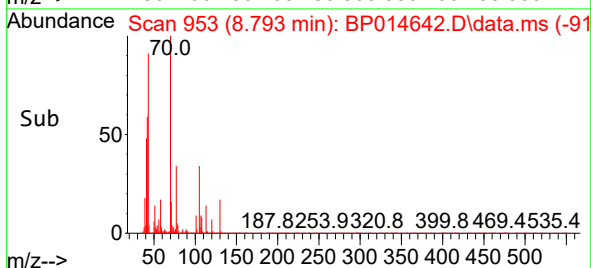
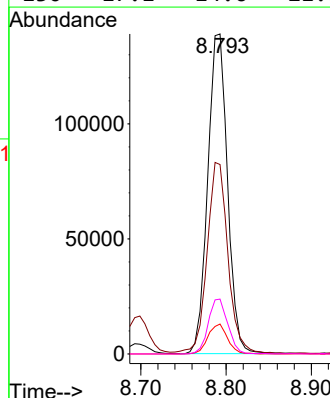
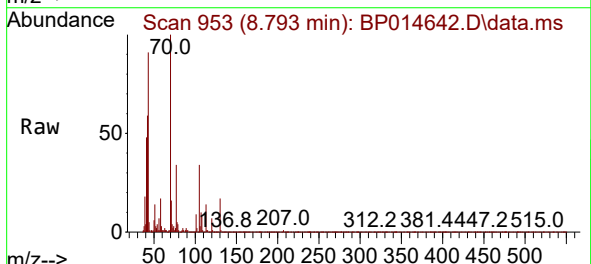
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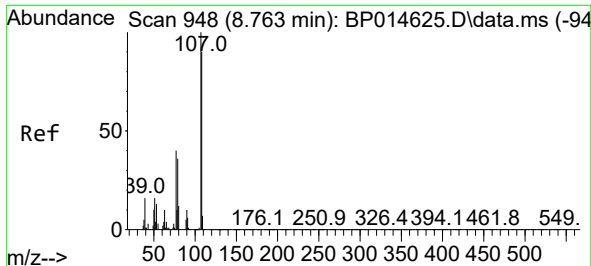
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Ion Ratio Lower Upper
105 100
77 88.2 67.3 100.9
51 32.1 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.107 ng/ul
RT: 8.793 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion: 70 Resp: 224025
Ion Ratio Lower Upper
70 100
42 59.2 41.1 61.7
101 9.3 7.0 10.6
130 17.1 14.6 21.8





#18

4-Methylphenol

Concen: 28.280 ng/ul

RT: 8.763 min Scan# 948

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

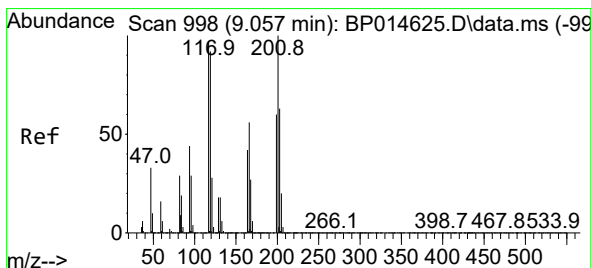
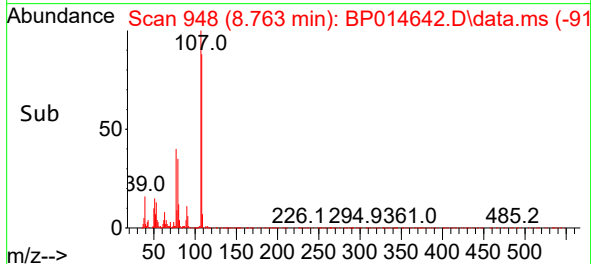
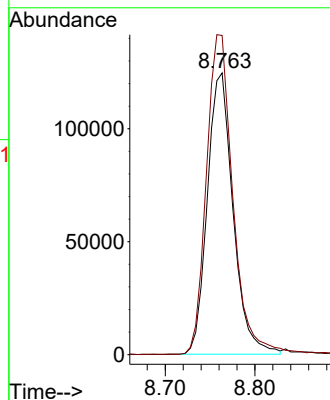
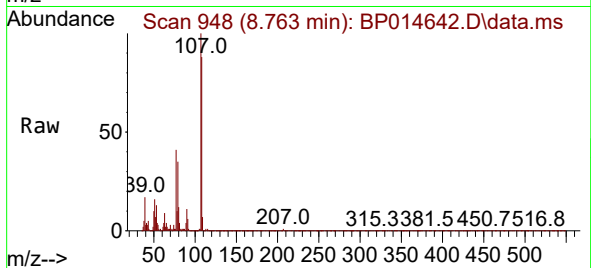
SLCS000

Tgt Ion:108 Resp: 248457

Ion Ratio Lower Upper

108 100

107 113.3 89.0 133.6



#19

Hexachloroethane

Concen: 30.394 ng/ul

RT: 9.058 min Scan# 998

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

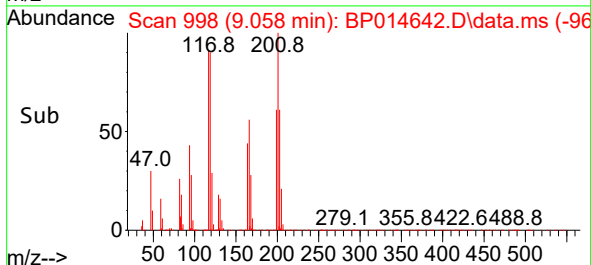
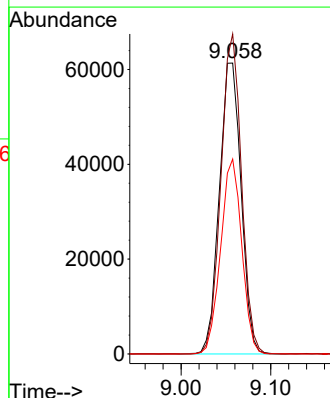
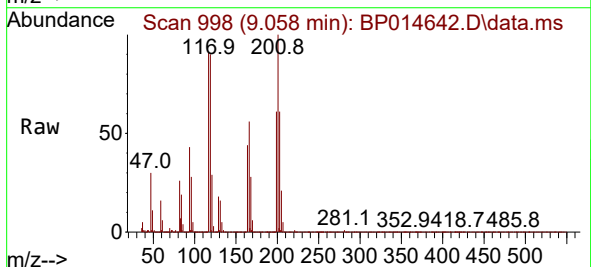
Tgt Ion:117 Resp: 103306

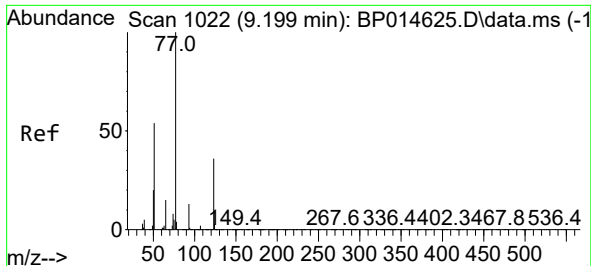
Ion Ratio Lower Upper

117 100

201 110.0 90.2 135.4

199 67.0 54.2 81.2

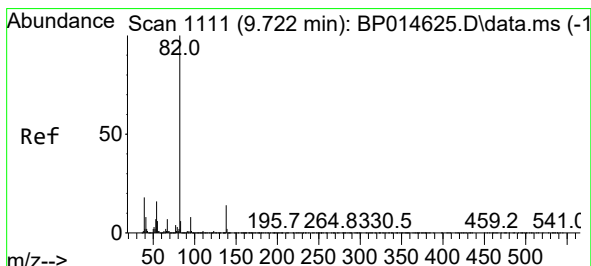
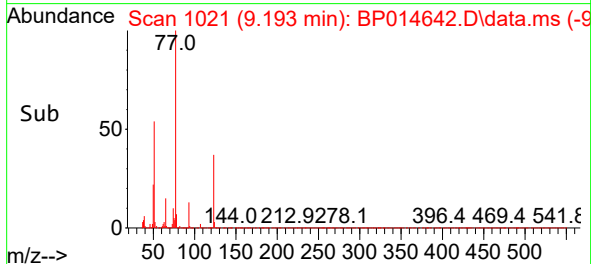
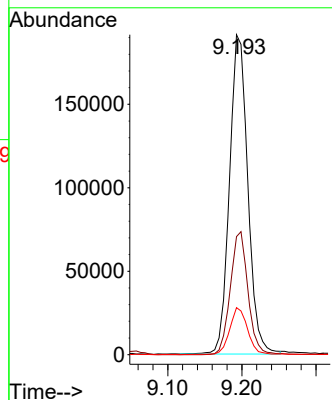
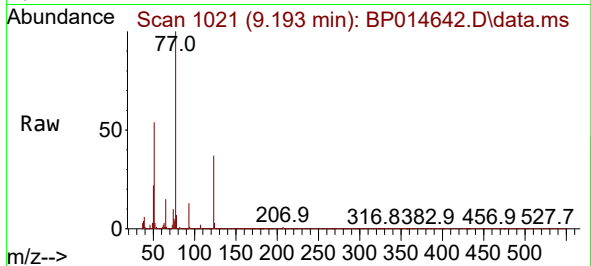




#22
Nitrobenzene
Concen: 29.294 ng/ul
RT: 9.193 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

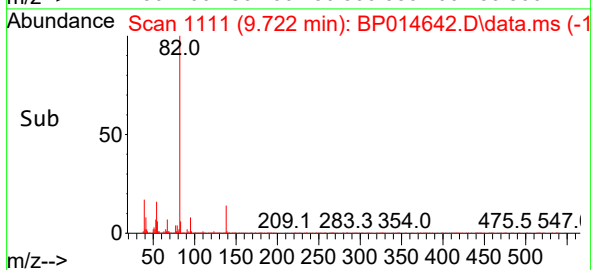
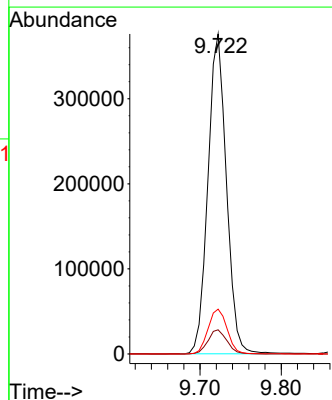
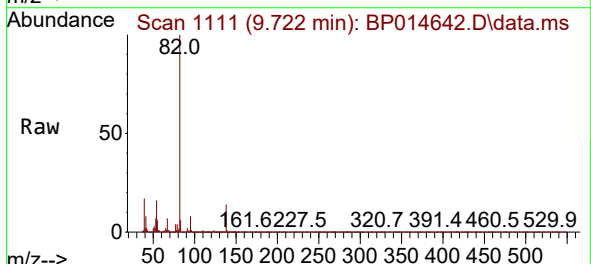
Instrument :
BNA_P
ClientSampleId :
SLCS000

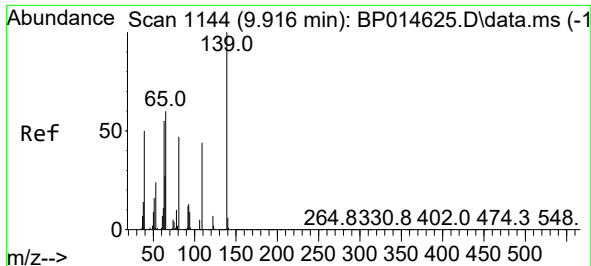
Tgt Ion: 77 Resp: 329267
Ion Ratio Lower Upper
77 100
123 36.9 30.3 45.5
65 14.7 11.0 16.4



#23
Isophorone
Concen: 28.661 ng/ul
RT: 9.722 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion: 82 Resp: 593817
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 14.0 12.2 18.2

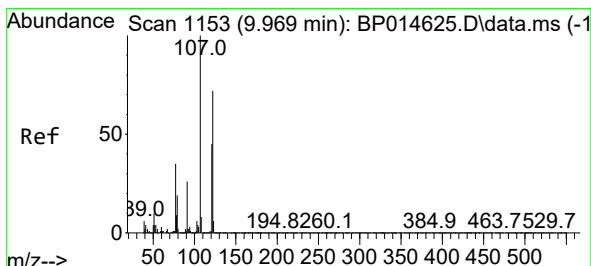
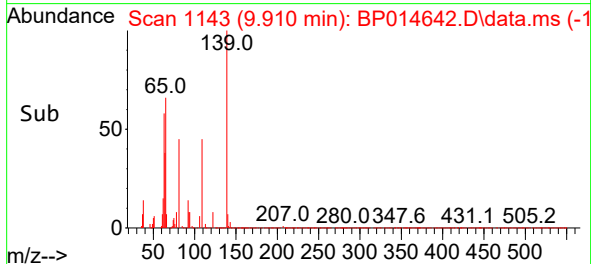
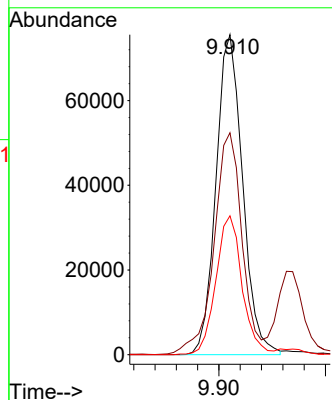
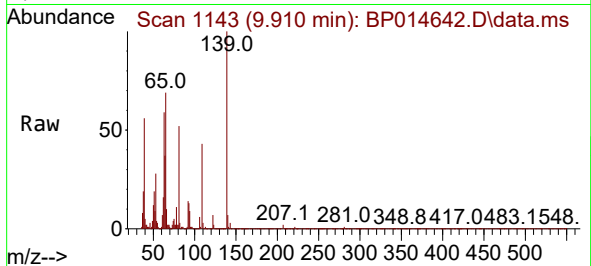




#25
2-Nitrophenol
Concen: 27.703 ng/ul
RT: 9.910 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

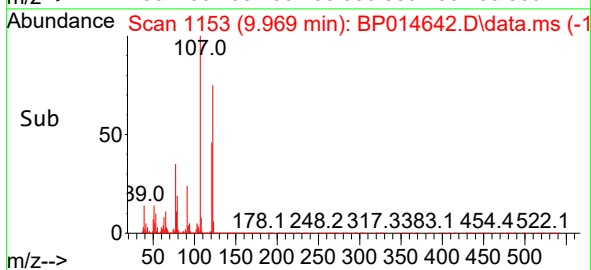
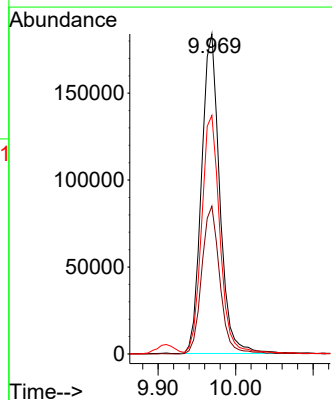
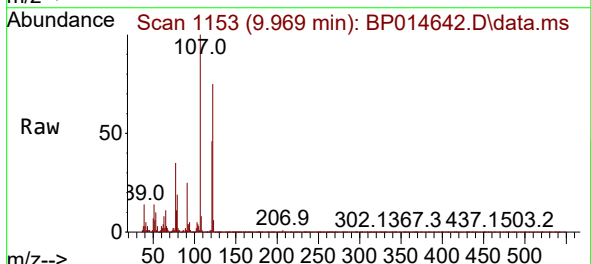
Instrument :
BNA_P
ClientSampleId :
SLCS000

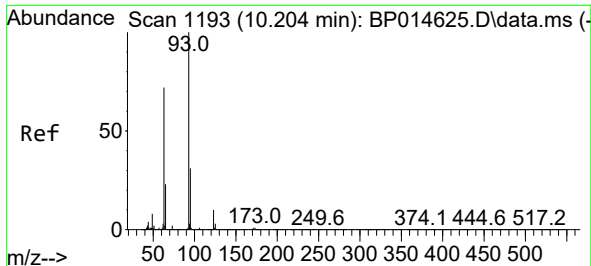
Tgt Ion:139 Resp: 131001
Ion Ratio Lower Upper
139 100
65 69.4 49.7 74.5
109 43.4 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 28.268 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:107 Resp: 299189
Ion Ratio Lower Upper
107 100
121 46.2 37.0 55.6
122 74.5 59.8 89.6

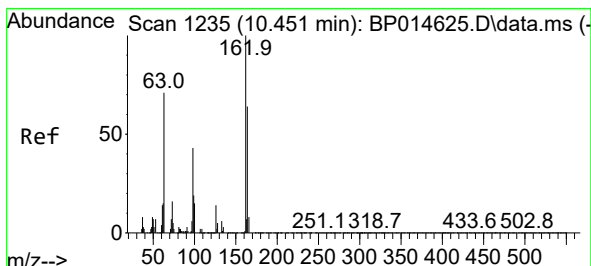
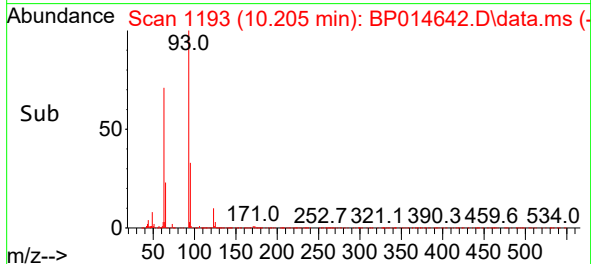
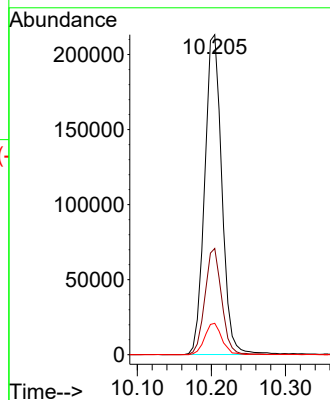
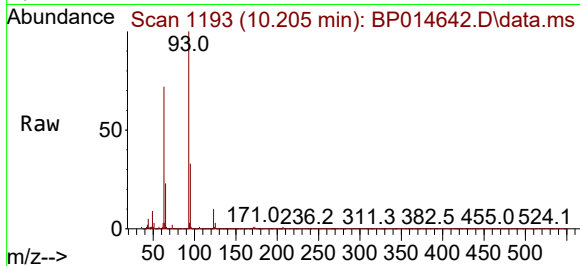




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.686 ng/ul
 RT: 10.205 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: BP014642.D
 Acq: 10 Apr 2023 23:53

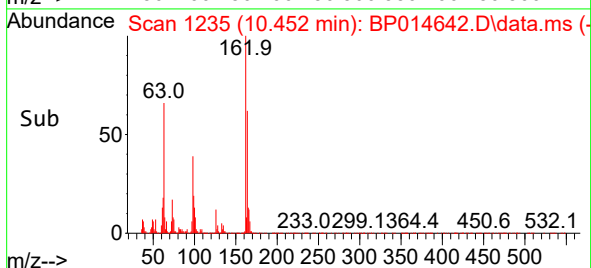
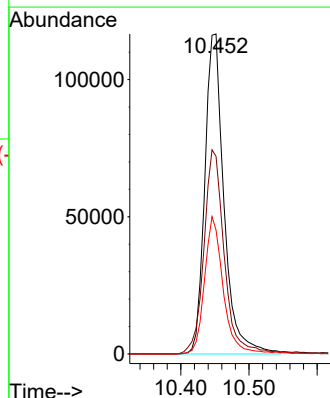
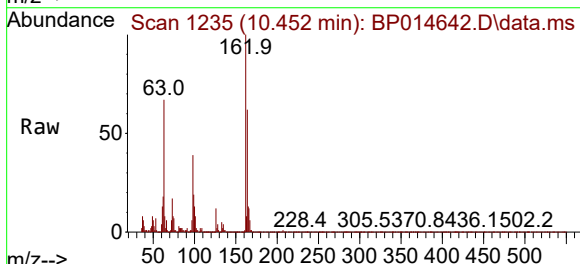
Instrument :
 BNA_P
 ClientSampleId :
 SLCS000

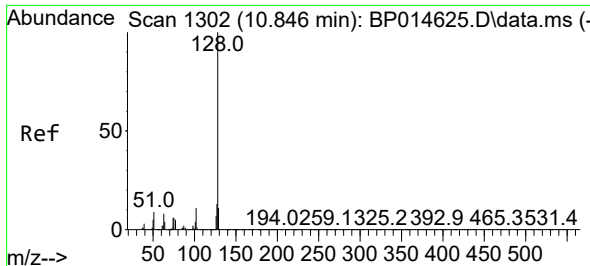
Tgt Ion: 93 Resp: 343912
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.8 38.8
 123 9.8 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 28.542 ng/ul
 RT: 10.452 min Scan# 1235
 Delta R.T. 0.000 min
 Lab File: BP014642.D
 Acq: 10 Apr 2023 23:53

Tgt Ion: 162 Resp: 229186
 Ion Ratio Lower Upper
 162 100
 164 61.7 50.1 75.1
 98 38.7 30.6 45.8

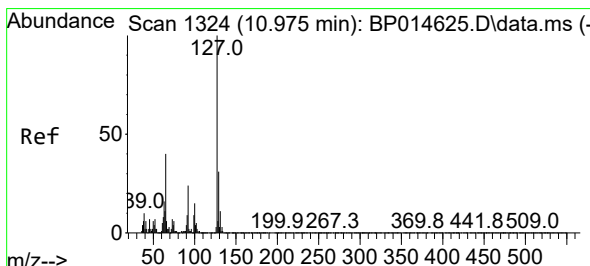
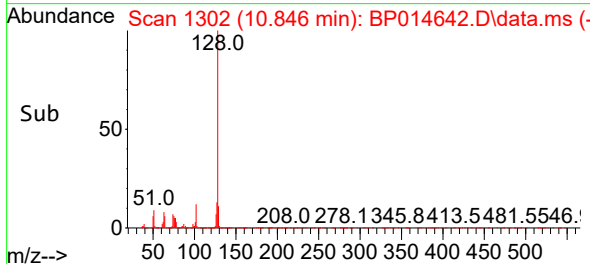
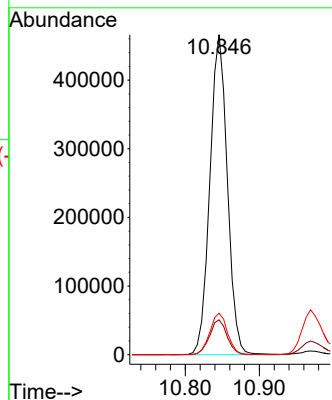
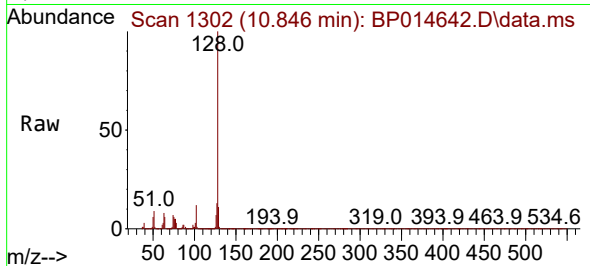




#30
Naphthalene
Concen: 28.209 ng/ul
RT: 10.846 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

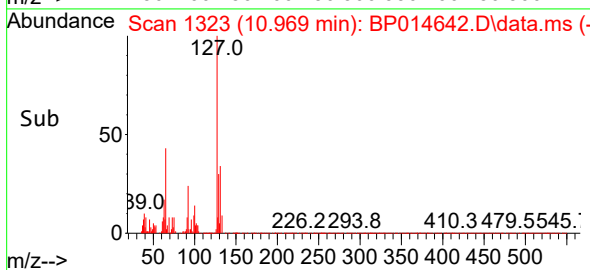
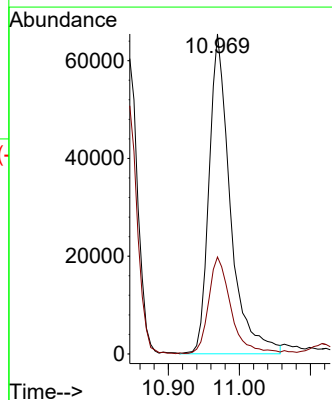
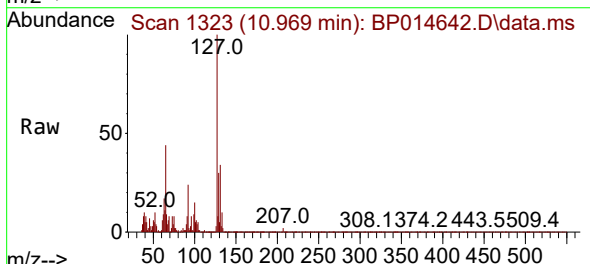
Instrument :
BNA_P
ClientSampleId :
SLCS000

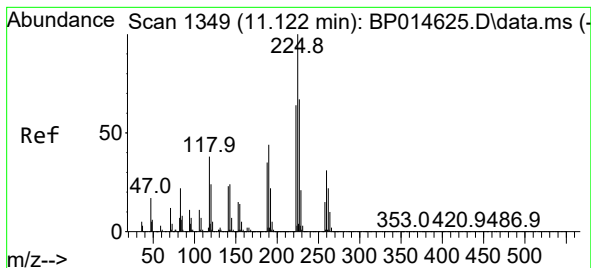
Tgt Ion:128 Resp: 761523
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 11.0 16.6



#32
4-Chloroaniline
Concen: 12.474 ng/ul
RT: 10.969 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:127 Resp: 135782
Ion Ratio Lower Upper
127 100
129 30.3 25.4 38.0





#33

Hexachlorobutadiene

Concen: 26.689 ng/ul

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

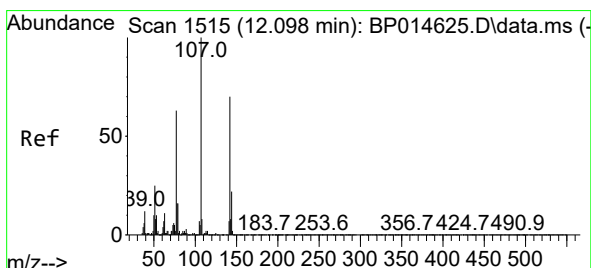
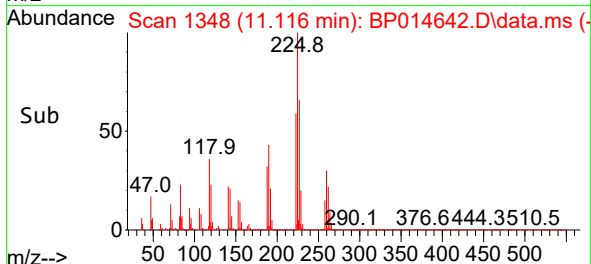
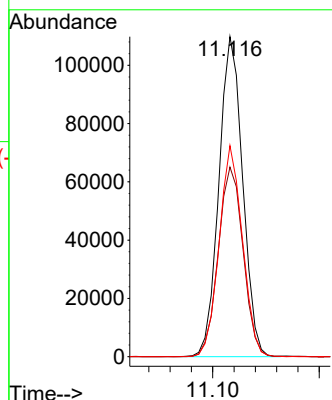
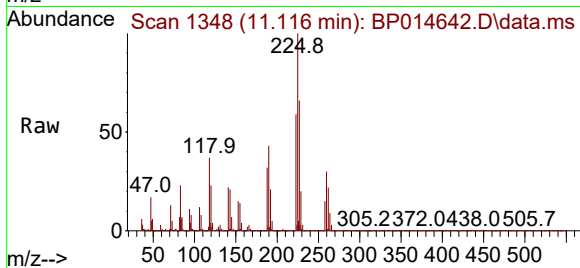
Tgt Ion:225 Resp: 169780

Ion Ratio Lower Upper

225 100

223 59.2 49.3 73.9

227 66.0 49.6 74.4



#35

4-Chloro-3-methylphenol

Concen: 29.151 ng/ul

RT: 12.093 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

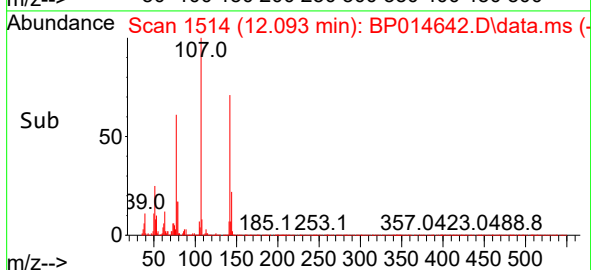
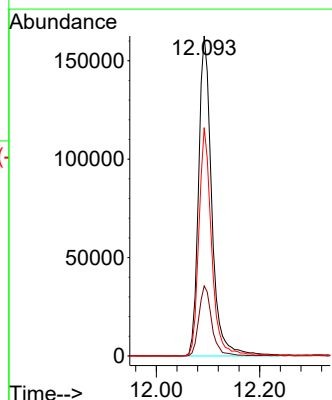
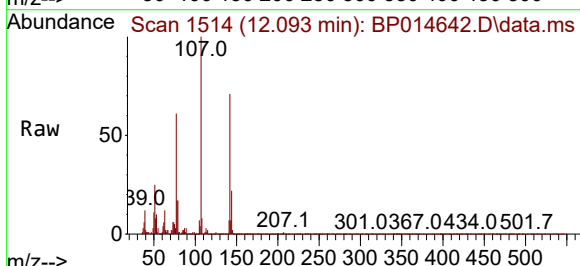
Tgt Ion:107 Resp: 287905

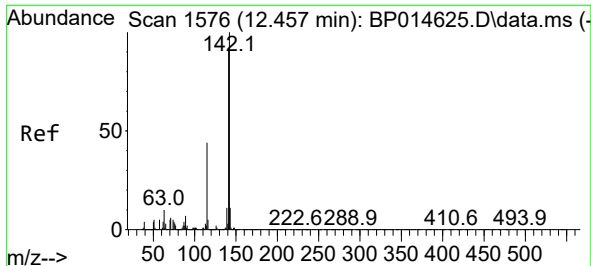
Ion Ratio Lower Upper

107 100

144 21.9 17.3 25.9

142 71.3 54.6 81.8

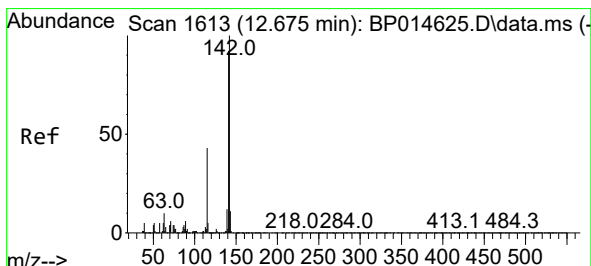
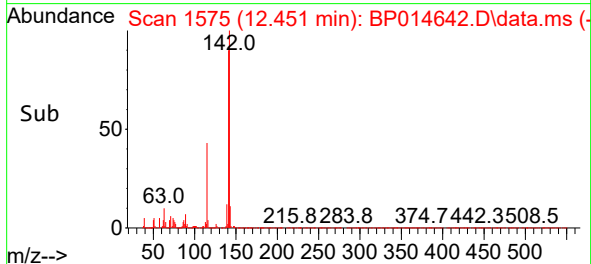
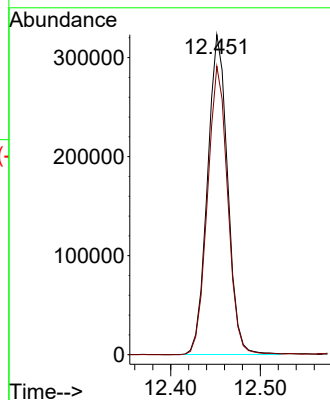
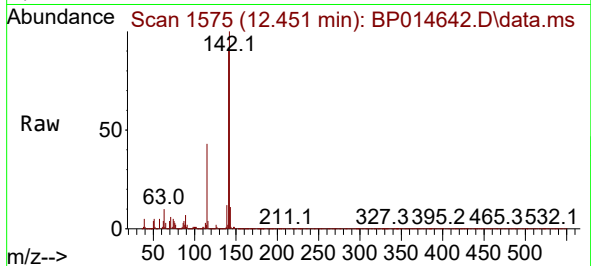




#36
2-Methylnaphthalene
Concen: 27.593 ng/ul
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

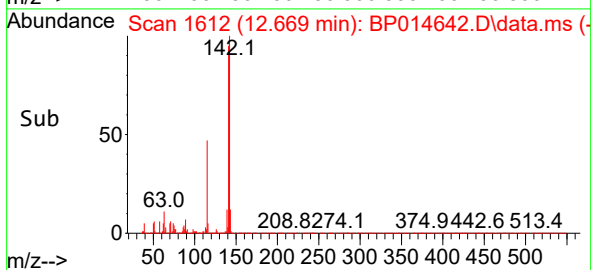
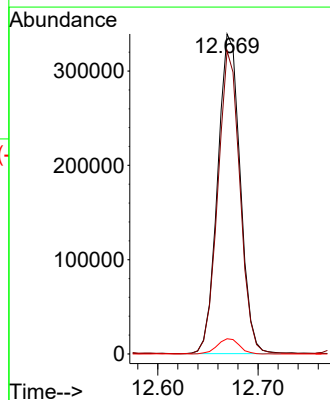
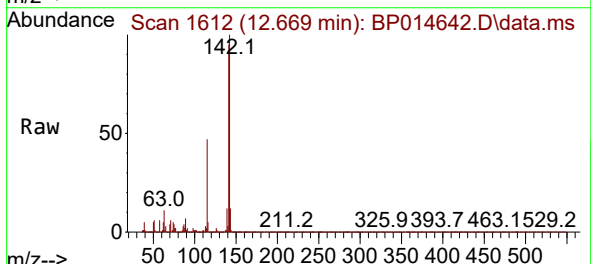
Instrument :
BNA_P
ClientSampleId :
SLCS000

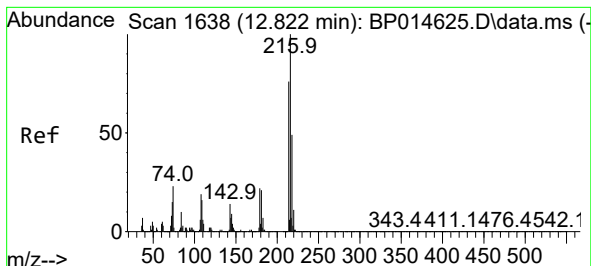
Tgt Ion:142 Resp: 504821
Ion Ratio Lower Upper
142 100
141 90.2 71.6 107.4



#37
1-Methylnaphthalene
Concen: 29.100 ng/ul
RT: 12.669 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:142 Resp: 528003
Ion Ratio Lower Upper
142 100
141 94.7 76.6 114.8
116 4.8 3.6 5.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.166 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

Tgt Ion:216 Resp: 299348

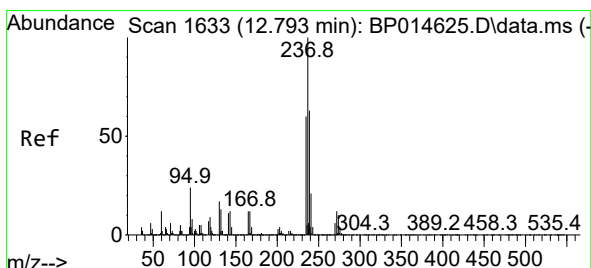
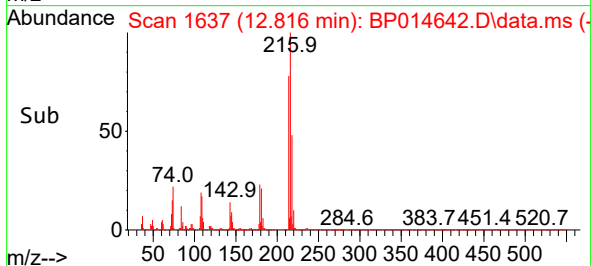
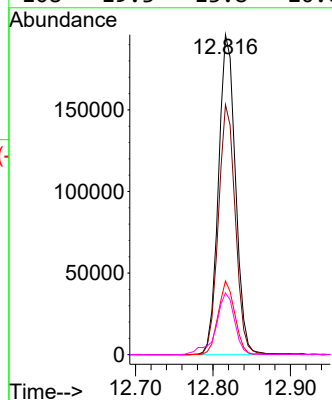
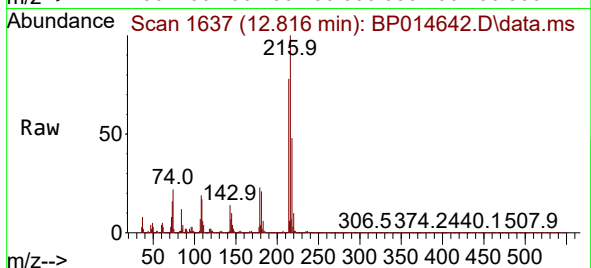
Ion Ratio Lower Upper

216 100

214 78.1 61.0 91.6

179 23.0 16.6 24.8

108 19.3 13.8 20.6



#40

Hexachlorocyclopentadiene

Concen: 21.584 ng/ul

RT: 12.787 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

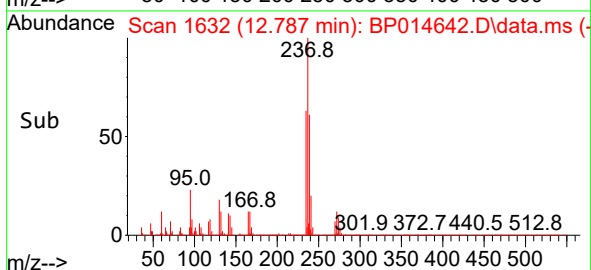
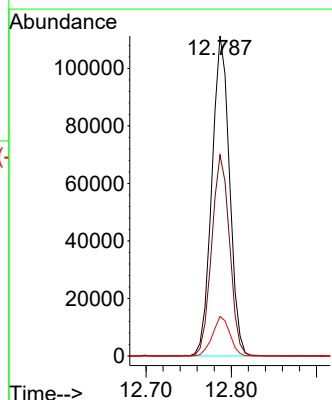
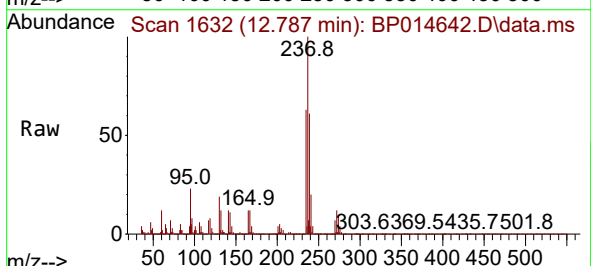
Tgt Ion:237 Resp: 159909

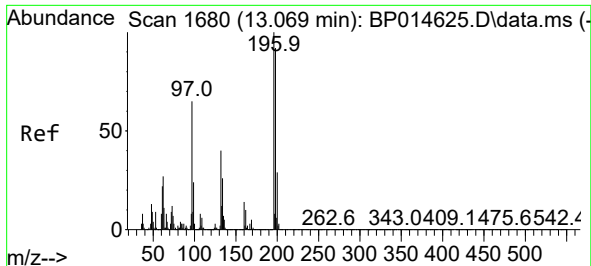
Ion Ratio Lower Upper

237 100

235 62.8 51.0 76.4

272 13.2 10.3 15.5

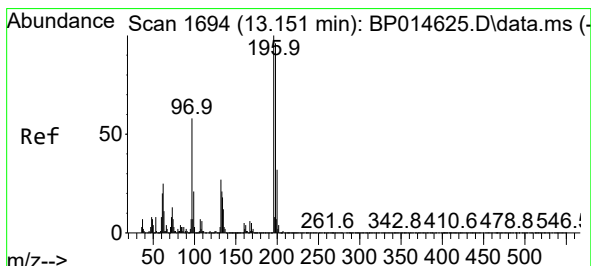
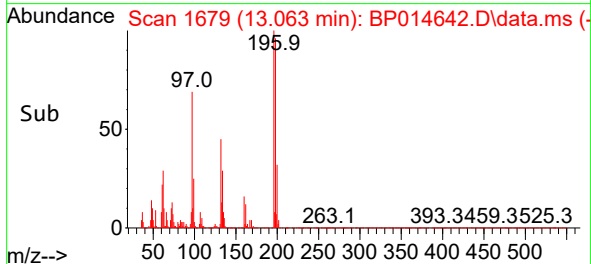
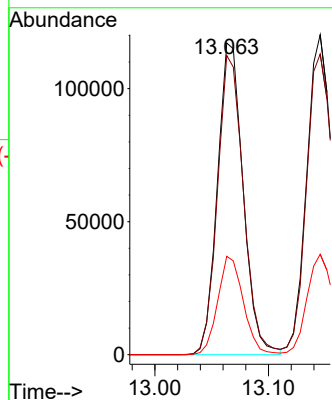
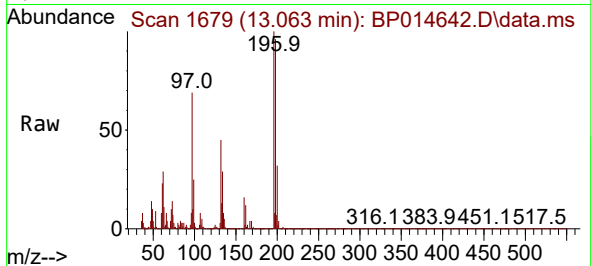




#41
2,4,6-Trichlorophenol
Concen: 26.016 ng/ul
RT: 13.063 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

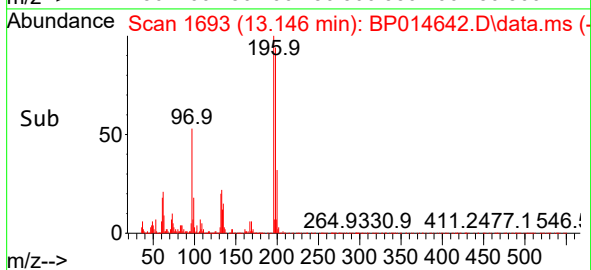
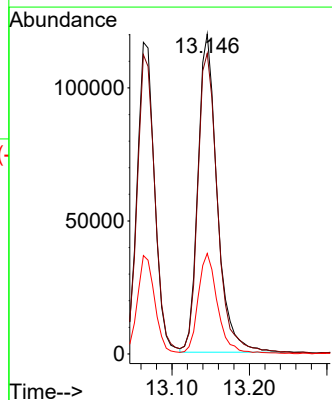
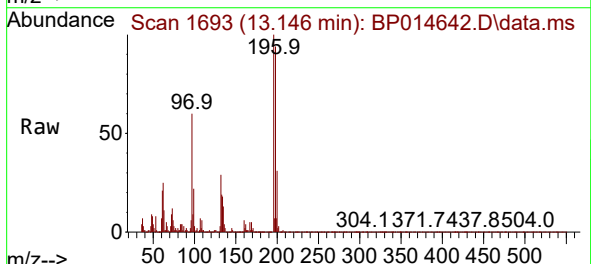
Instrument :
BNA_P
ClientSampleId :
SLCS000

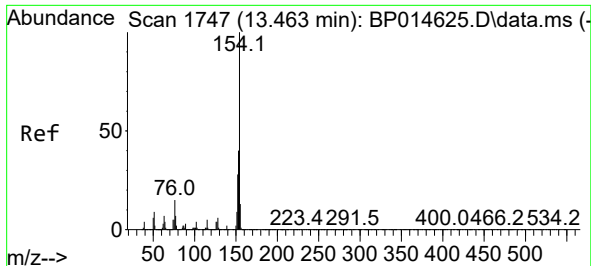
Tgt Ion:196 Resp: 184176
Ion Ratio Lower Upper
196 100
198 96.0 76.6 114.8
200 31.6 25.4 38.2



#42
2,4,5-Trichlorophenol
Concen: 27.336 ng/ul
RT: 13.146 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:196 Resp: 206024
Ion Ratio Lower Upper
196 100
198 94.0 79.8 119.8
200 31.4 25.6 38.4

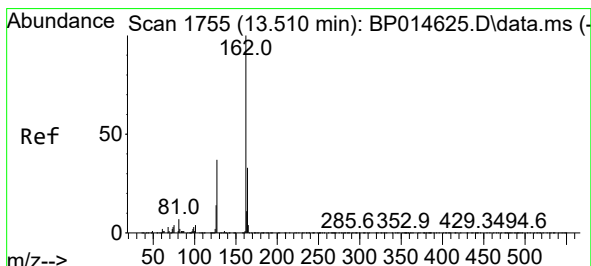
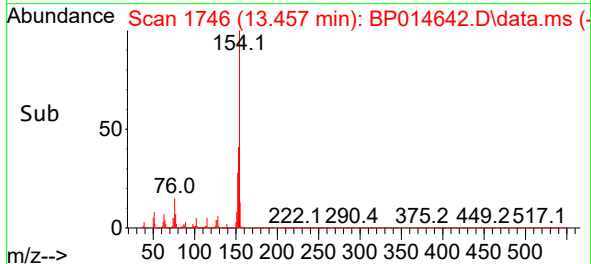
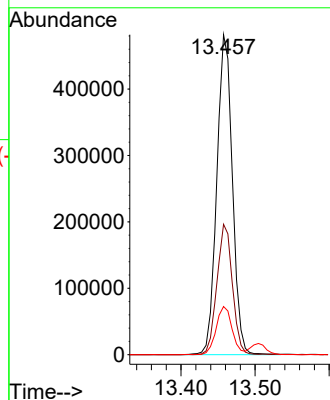
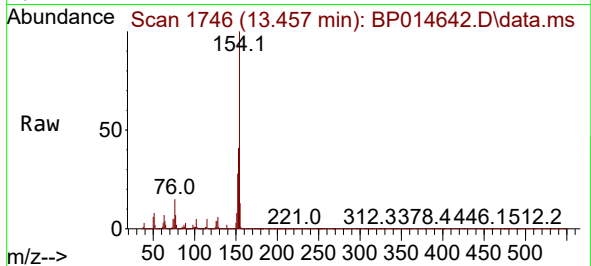




#43
1,1'-Biphenyl
Concen: 27.181 ng/ul
RT: 13.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

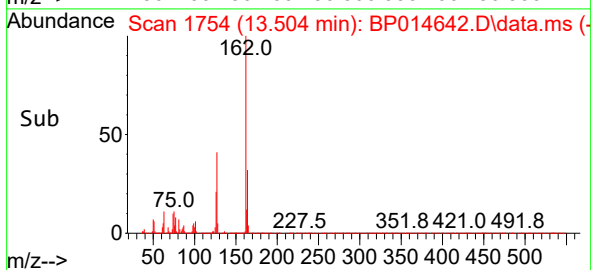
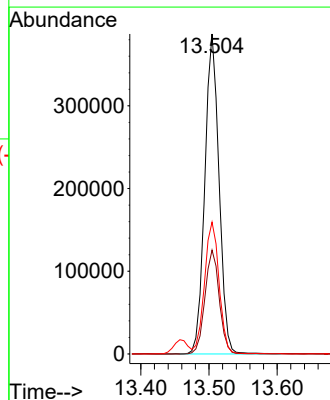
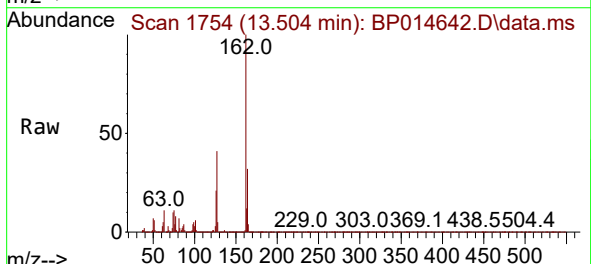
Instrument :
BNA_P
ClientSampleId :
SLCS000

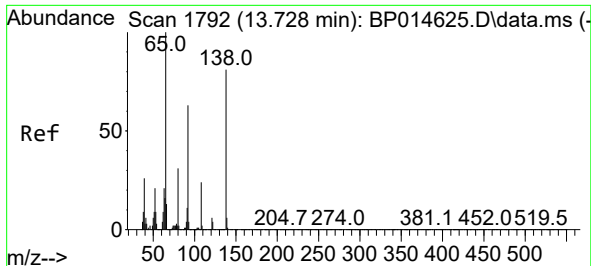
Tgt Ion:154 Resp: 704617
Ion Ratio Lower Upper
154 100
153 40.7 32.4 48.6
76 15.0 10.7 16.1



#44
2-Chloronaphthalene
Concen: 27.370 ng/ul
RT: 13.504 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:162 Resp: 561010
Ion Ratio Lower Upper
162 100
164 32.4 26.1 39.1
127 41.2 33.7 50.5

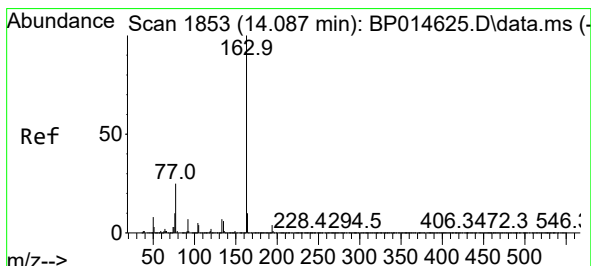
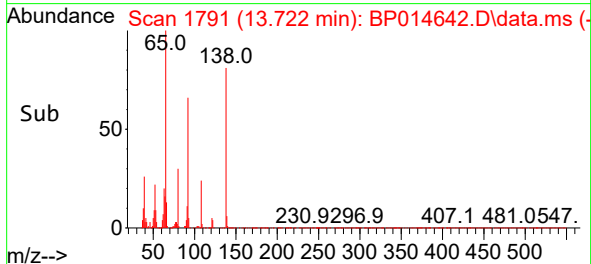
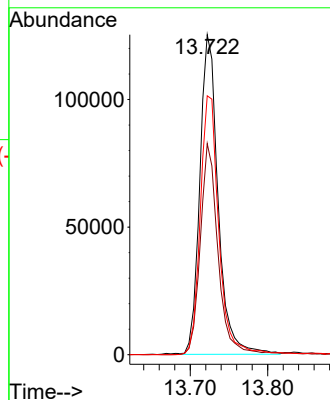
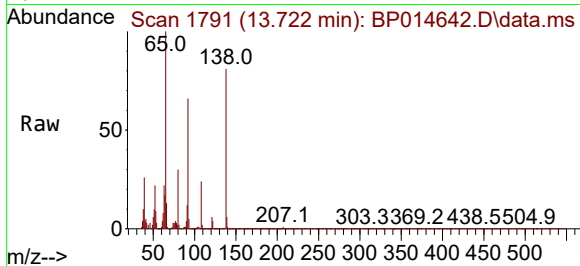




#45
2-Nitroaniline
Concen: 32.336 ng/ul
RT: 13.722 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

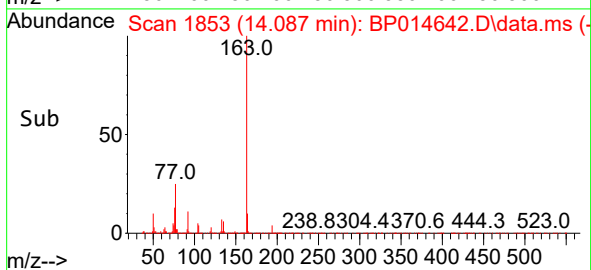
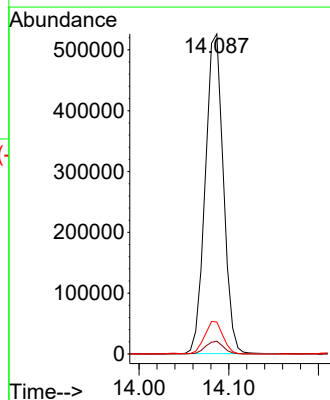
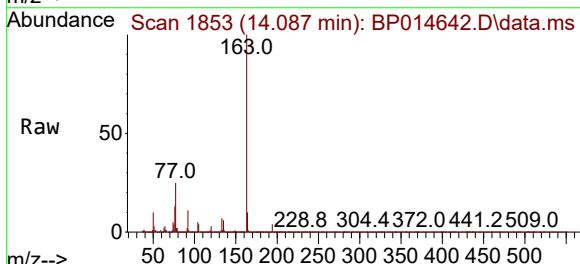
Instrument :
BNA_P
ClientSampleId :
SLCS000

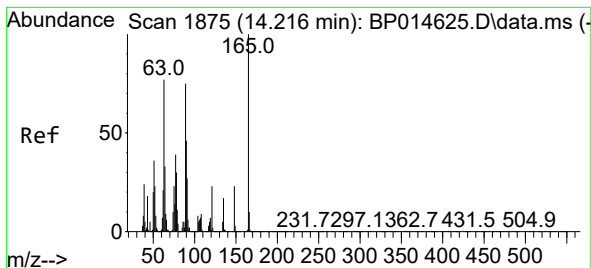
Tgt Ion: 65 Resp: 205262
Ion Ratio Lower Upper
65 100
92 65.9 53.7 80.5
138 80.9 71.7 107.5



#47
Dimethylphthalate
Concen: 28.252 ng/ul
RT: 14.087 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion: 163 Resp: 734920
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 7.8 11.8

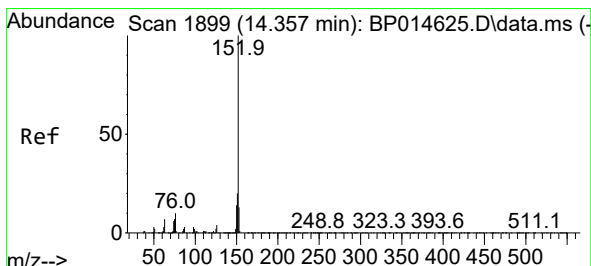
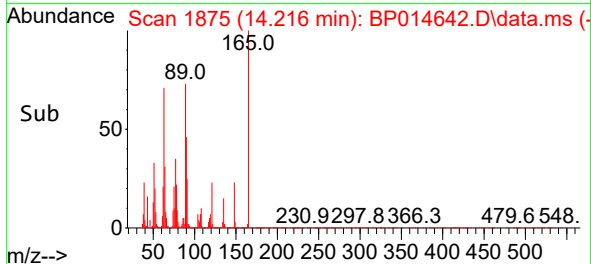
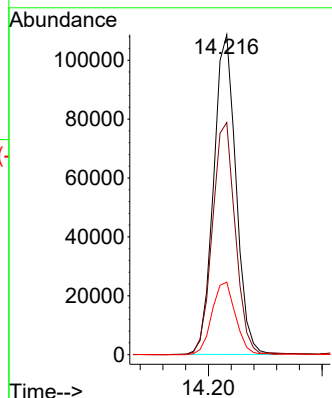
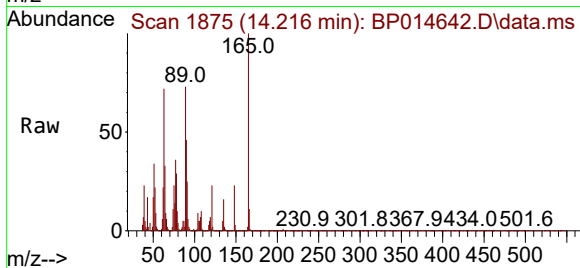




#48
2,6-Dinitrotoluene
Concen: 29.216 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

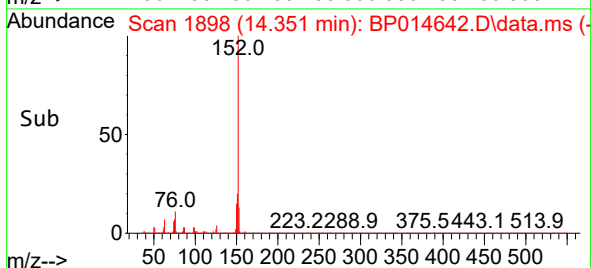
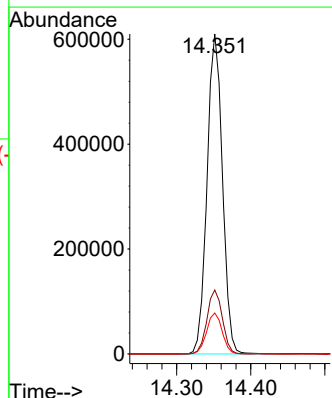
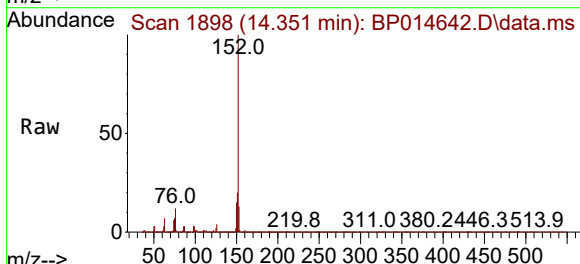
Instrument :
BNA_P
ClientSampleId :
SLCS000

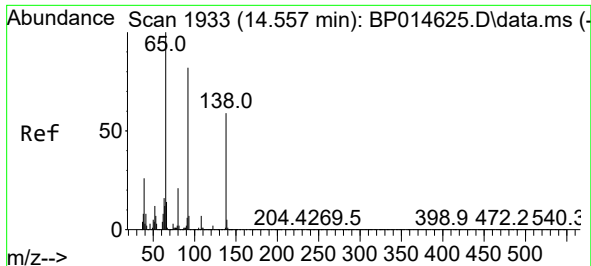
Tgt Ion:165 Resp: 148481
Ion Ratio Lower Upper
165 100
89 72.6 52.7 79.1
121 22.6 17.9 26.9



#50
Acenaphthylene
Concen: 28.649 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:152 Resp: 880816
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.8 10.2 15.4

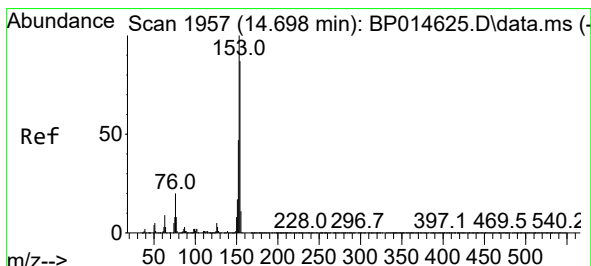
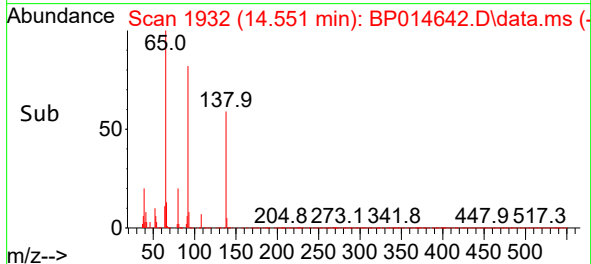
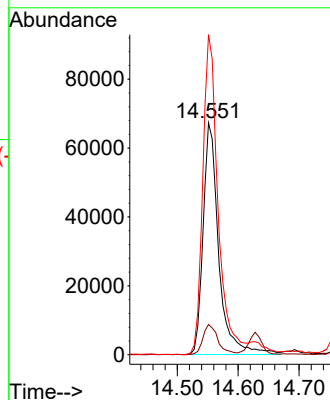
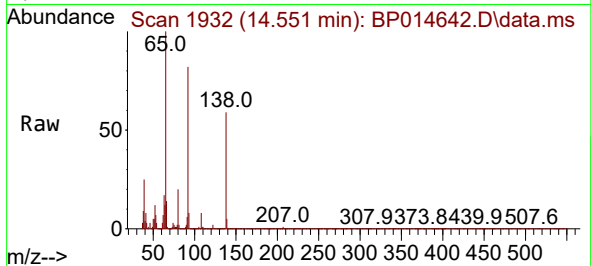




#51
3-Nitroaniline
Concen: 26.270 ng/ul
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

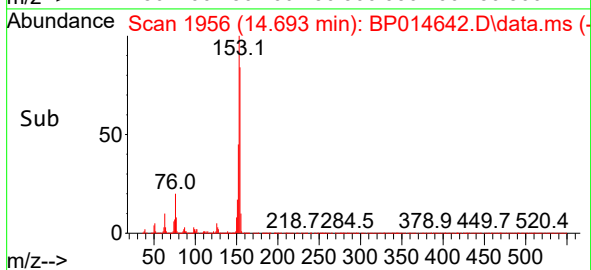
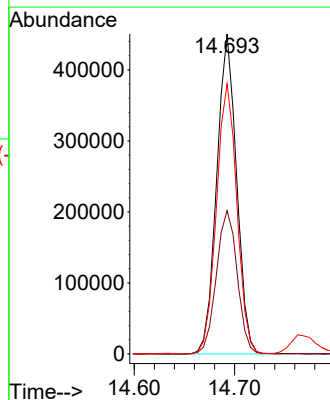
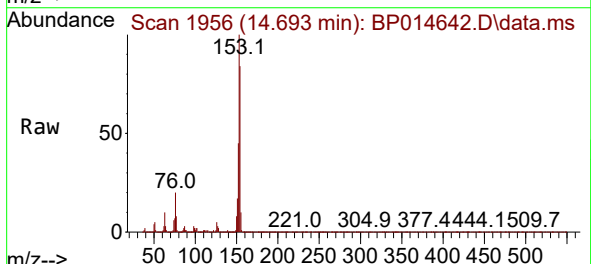
Instrument :
BNA_P
ClientSampleId :
SLCS000

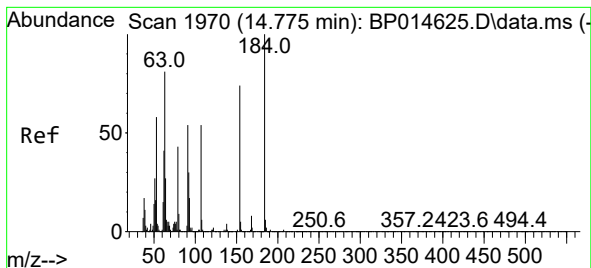
Tgt Ion:138 Resp: 119608
Ion Ratio Lower Upper
138 100
108 13.0 9.9 14.9
92 138.0 107.6 161.4



#52
Acenaphthene
Concen: 28.561 ng/ul
RT: 14.693 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:153 Resp: 620512
Ion Ratio Lower Upper
153 100
152 44.8 38.2 57.4
154 84.5 70.2 105.2

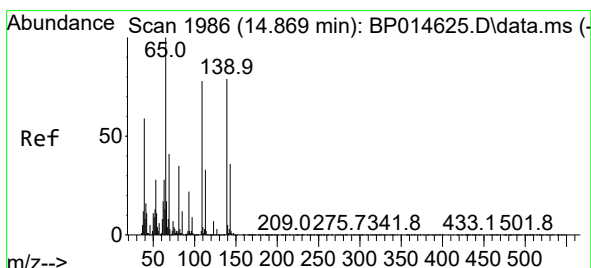
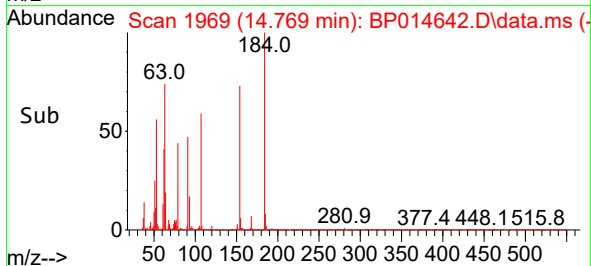
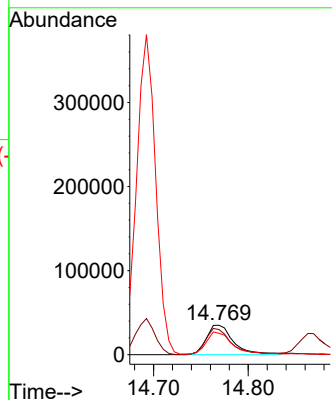
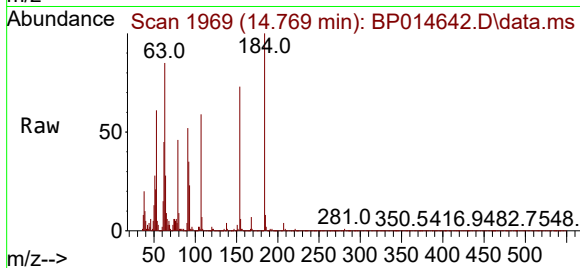




#53
2,4-Dinitrophenol
Concen: 21.080 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

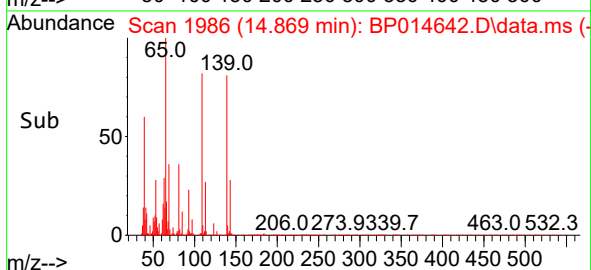
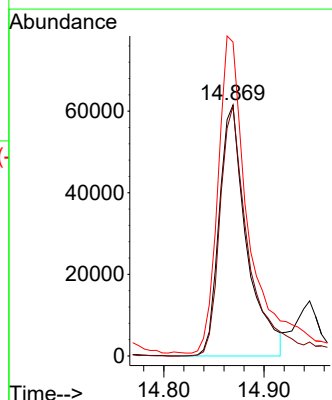
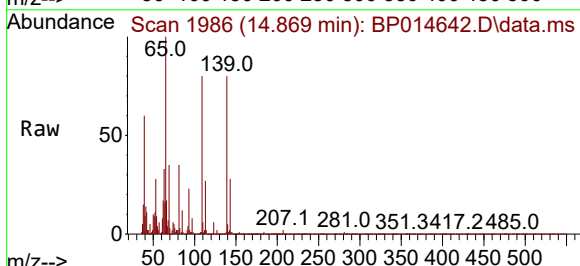
Instrument :
BNA_P
ClientSampleId :
SLCS000

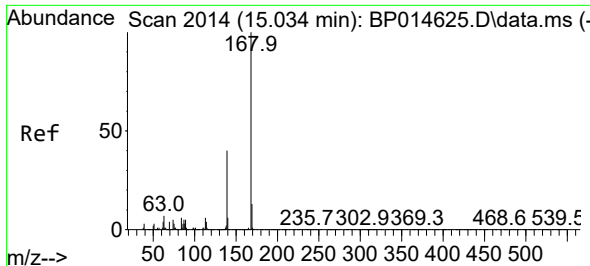
Tgt Ion:184 Resp: 69378
Ion Ratio Lower Upper
184 100
63 85.5 57.1 85.7
154 72.7 55.3 82.9



#55
4-Nitrophenol
Concen: 30.052 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:109 Resp: 116572
Ion Ratio Lower Upper
109 100
139 99.5 77.4 116.2
65 125.1 97.3 145.9

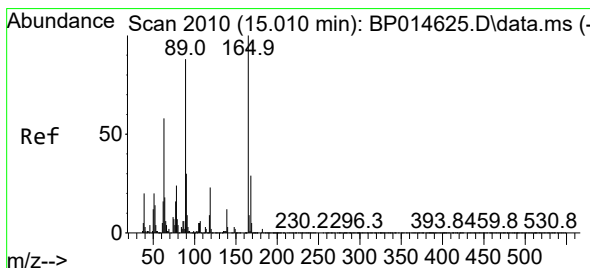
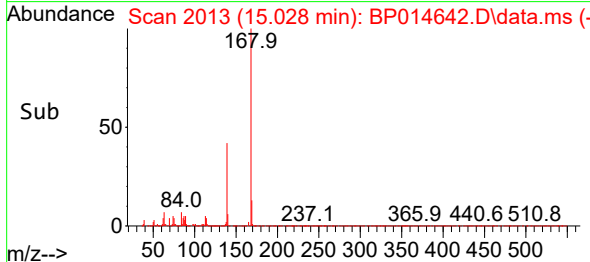
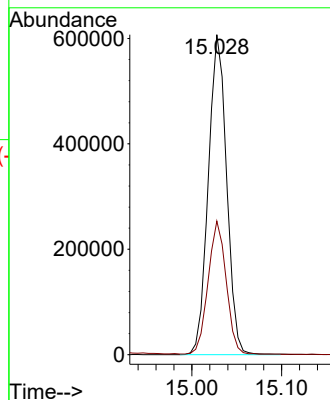
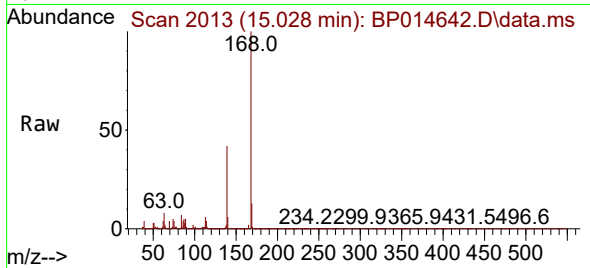




#56
Dibenzofuran
Concen: 28.180 ng/ul
RT: 15.028 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

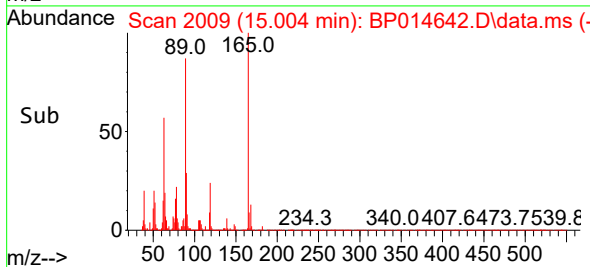
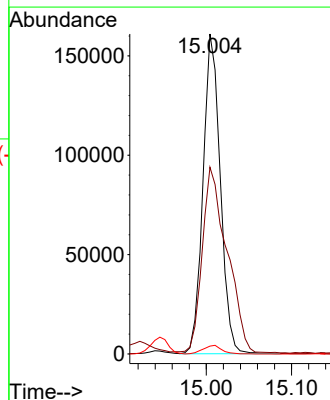
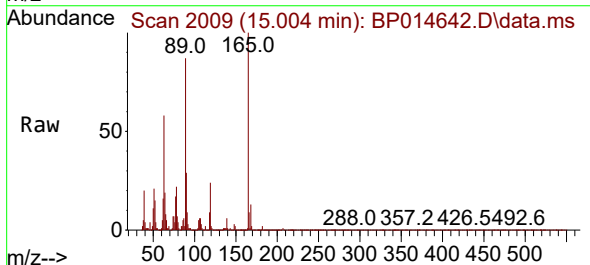
Instrument :
BNA_P
ClientSampleId :
SLCS000

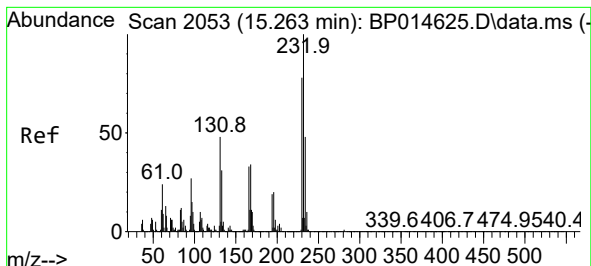
Tgt Ion:168 Resp: 860662
Ion Ratio Lower Upper
168 100
139 41.7 32.1 48.1



#57
2,4-Dinitrotoluene
Concen: 31.422 ng/ul
RT: 15.004 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:165 Resp: 226522
Ion Ratio Lower Upper
165 100
63 58.3 41.6 62.4
182 2.4 2.4 3.6

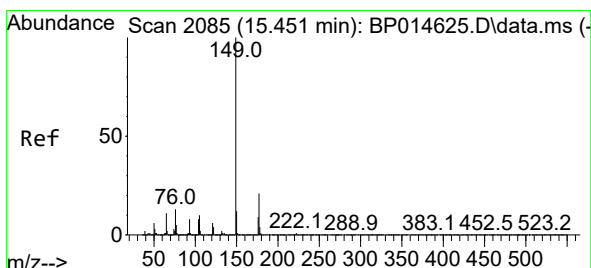
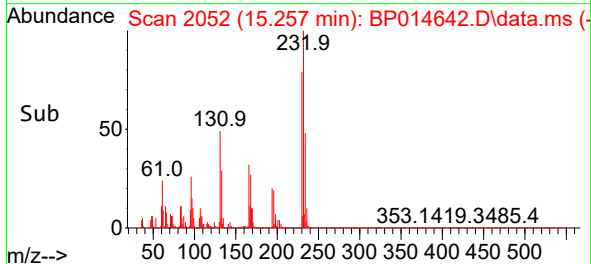
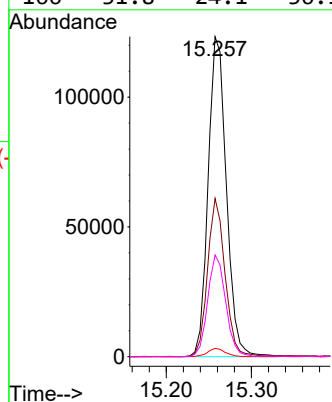
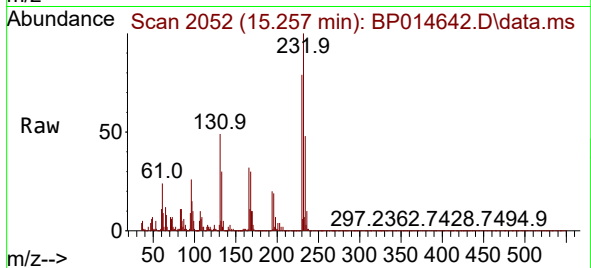




#58
2,3,4,6-Tetrachlorophenol
Concen: 27.028 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

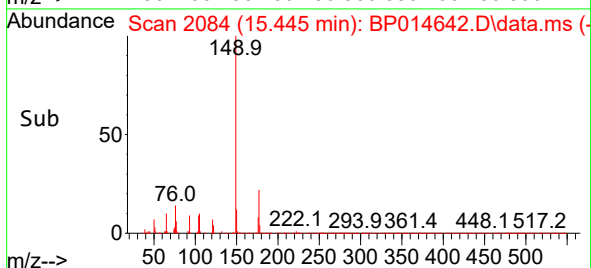
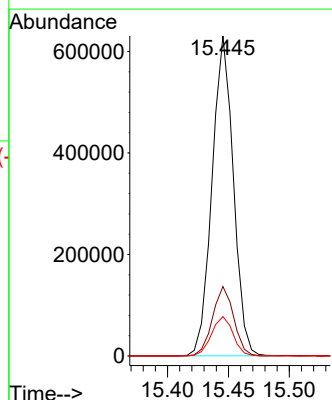
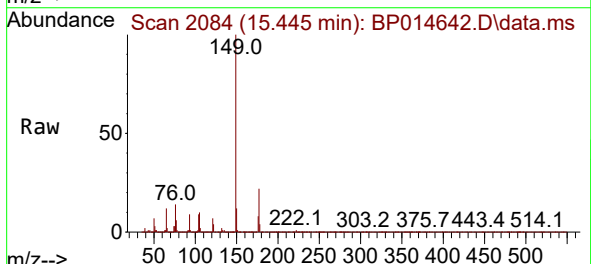
Instrument :
BNA_P
ClientSampleId :
SLCS000

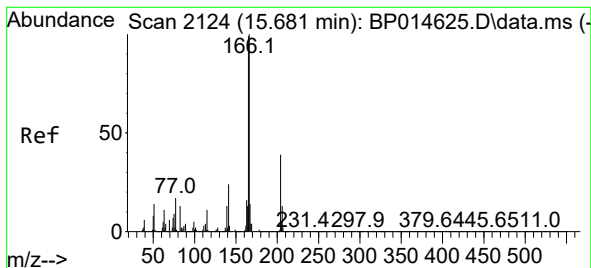
Tgt Ion:232	Resp:	183082
Ion Ratio	Lower	Upper
232	100	
131	49.4	35.0 52.4
130	2.6	1.9 2.9
166	31.8	24.1 36.1



#59
Diethylphthalate
Concen: 29.697 ng/ul
RT: 15.445 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:149	Resp:	767672
Ion Ratio	Lower	Upper
149	100	
177	21.7	18.2 27.2
150	12.3	9.8 14.8





#61

Fluorene

Concen: 29.163 ng/ul

RT: 15.681 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

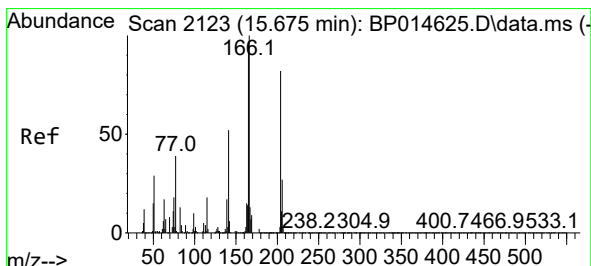
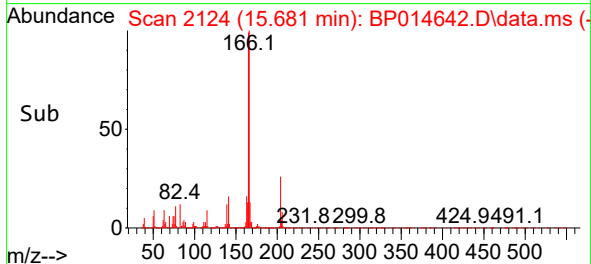
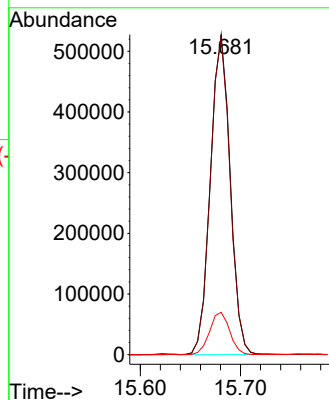
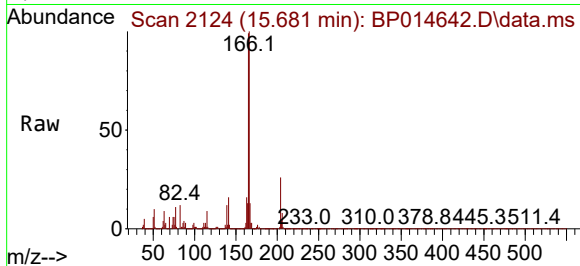
Tgt Ion:166 Resp: 721935

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

167 13.3 11.0 16.4



#62

4-Chlorophenyl-phenylether

Concen: 27.756 ng/ul

RT: 15.669 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

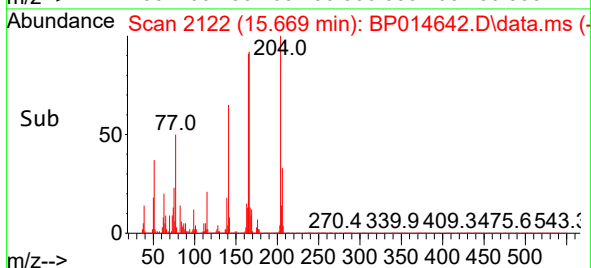
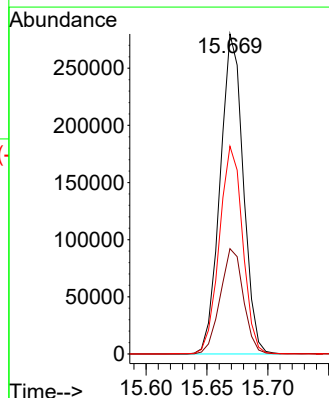
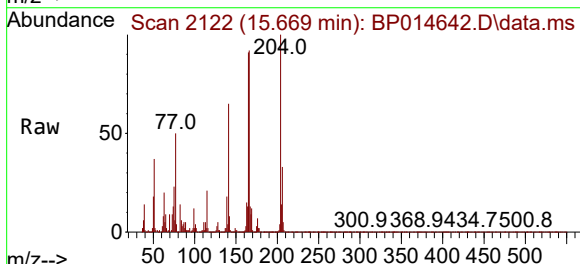
Tgt Ion:204 Resp: 369157

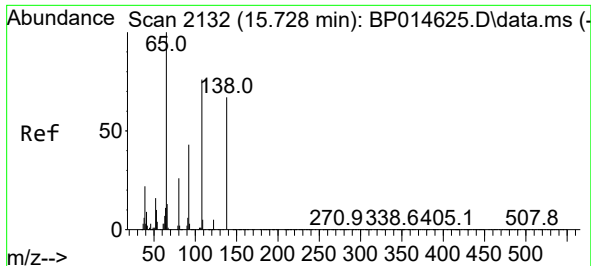
Ion Ratio Lower Upper

204 100

206 32.9 26.9 40.3

141 64.9 51.3 76.9

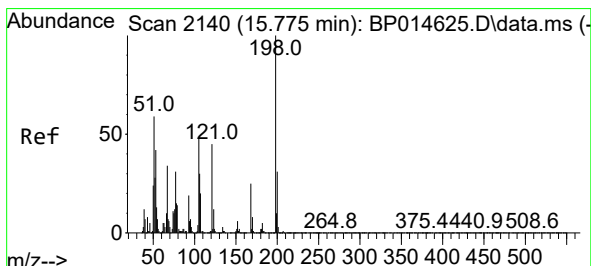
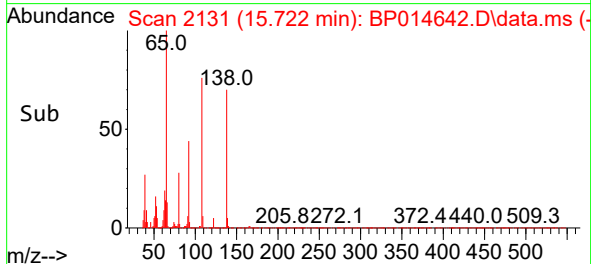
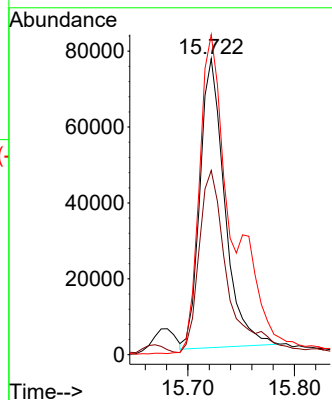
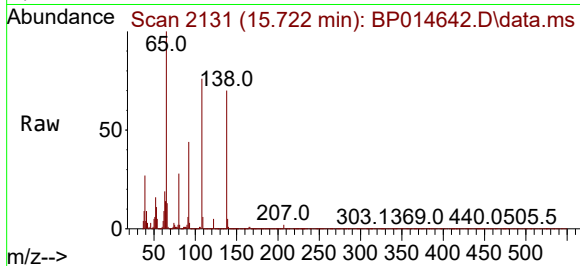




#63
4-Nitroaniline
Concen: 33.268 ng/ul
RT: 15.722 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

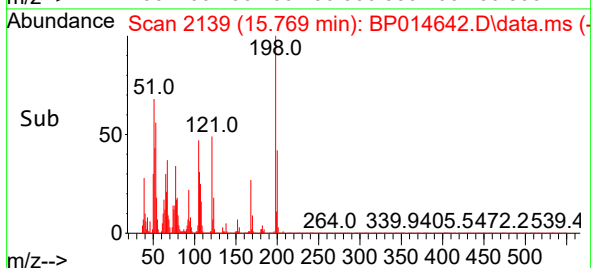
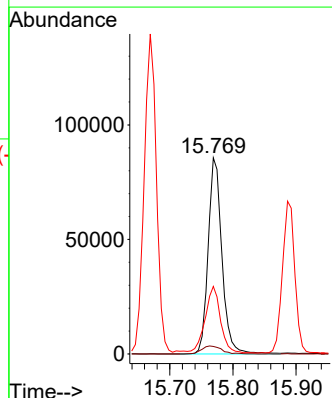
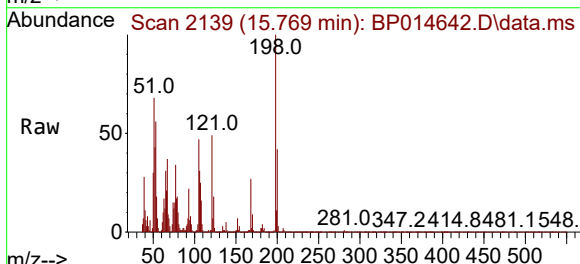
Instrument :
BNA_P
ClientSampleId :
SLCS000

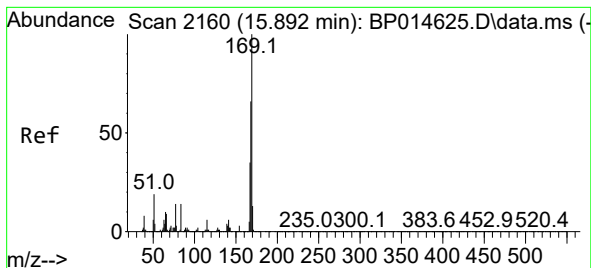
Tgt Ion:138 Resp: 123070
Ion Ratio Lower Upper
138 100
92 62.2 47.8 71.6
108 108.1 82.3 123.5



#66
4,6-Dinitro-2-methylphenol
Concen: 25.027 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:198 Resp: 129821
Ion Ratio Lower Upper
198 100
182 3.9 3.5 5.3
77 34.4 24.4 36.6





#67

N-Nitrosodiphenylamine

Concen: 26.920 ng/ul

RT: 15.887 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

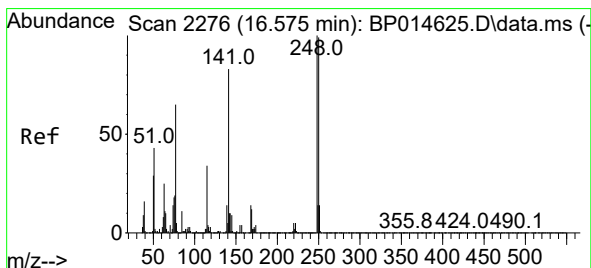
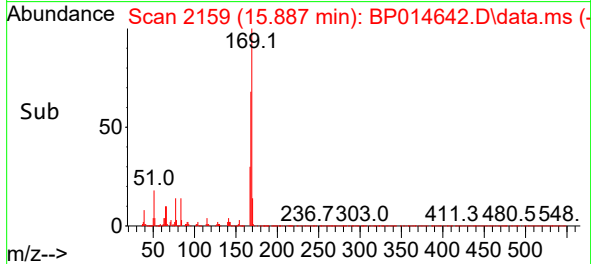
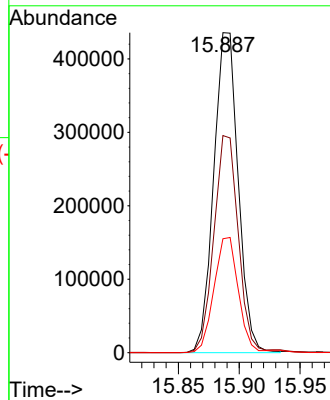
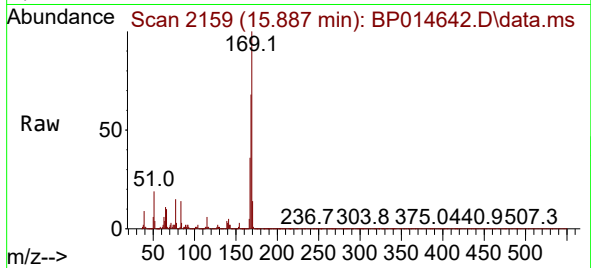
Tgt Ion:169 Resp: 609297

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

167 35.6 29.4 44.2



#68

4-Bromophenyl-phenylether

Concen: 25.542 ng/ul

RT: 16.569 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

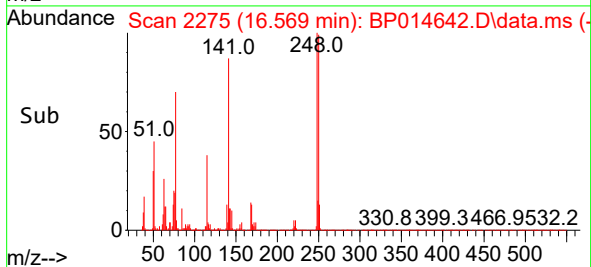
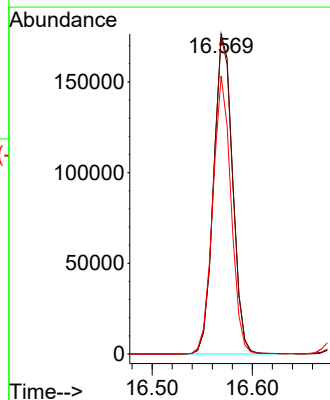
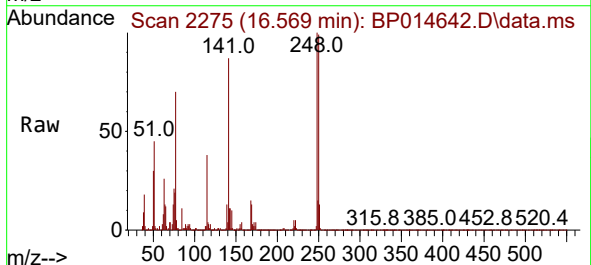
Tgt Ion:248 Resp: 231210

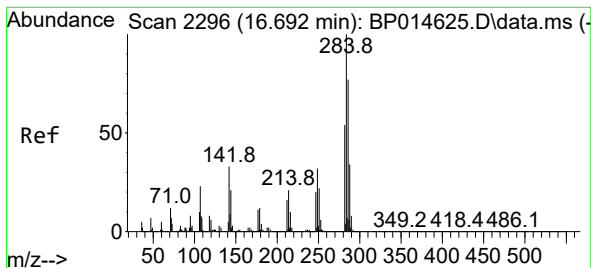
Ion Ratio Lower Upper

248 100

250 99.1 78.1 117.1

141 86.8 66.0 99.0





#69

Hexachlorobenzene

Concen: 26.496 ng/ul

RT: 16.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

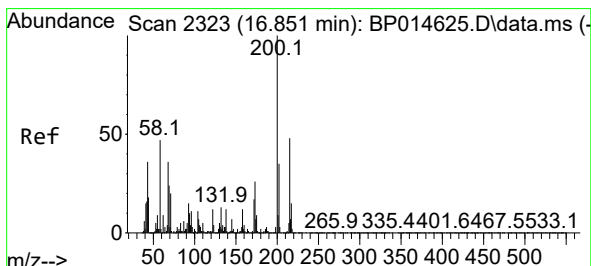
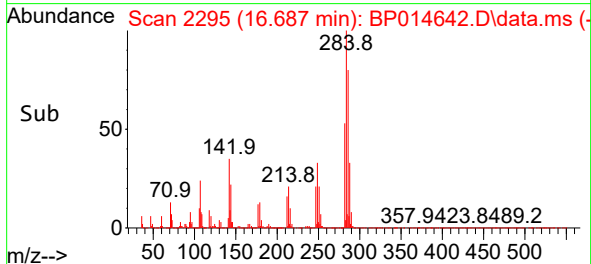
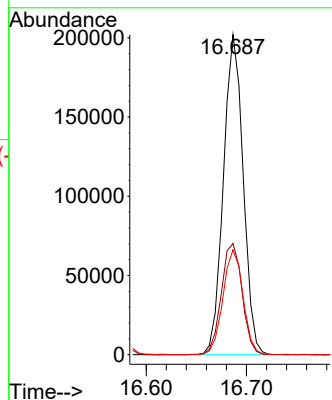
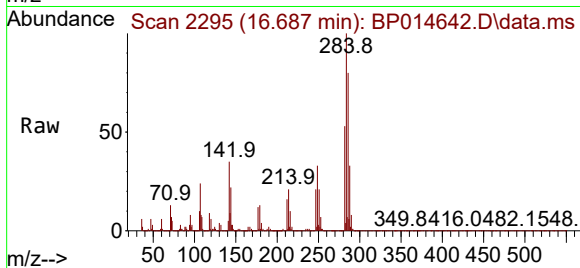
Tgt Ion:284 Resp: 275490

Ion Ratio Lower Upper

284 100

142 34.7 26.6 39.8

249 32.7 25.7 38.5



#70

Atrazine

Concen: 3.267 ng/ul

RT: 16.845 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

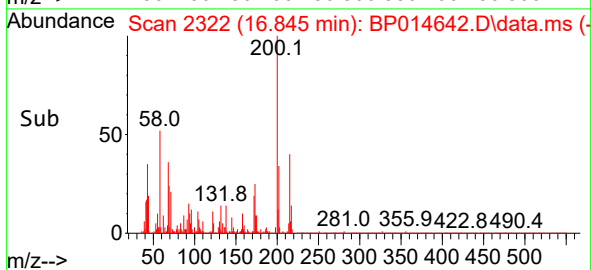
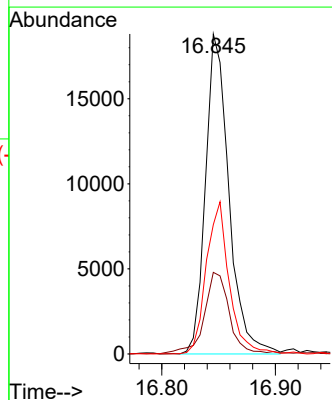
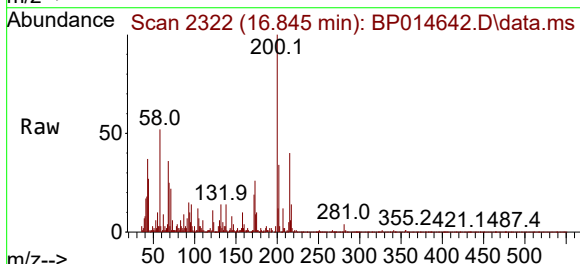
Tgt Ion:200 Resp: 26921

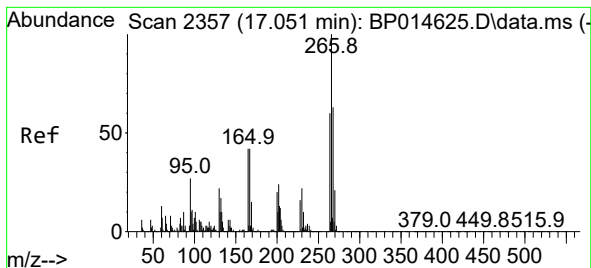
Ion Ratio Lower Upper

200 100

173 25.5 20.6 30.8

215 40.4 37.2 55.8





#71

Pentachlorophenol

Concen: 23.585 ng/ul

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

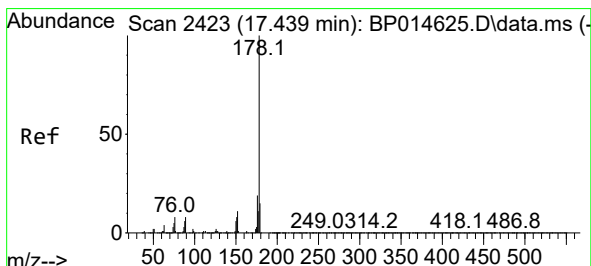
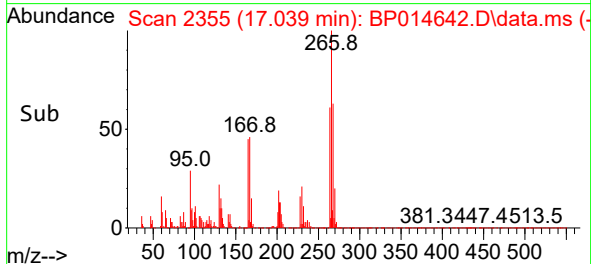
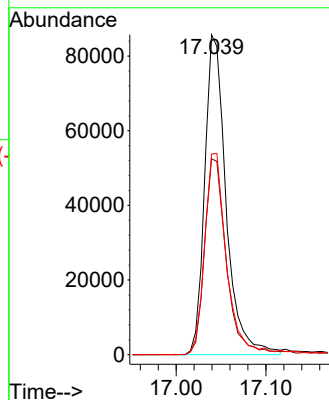
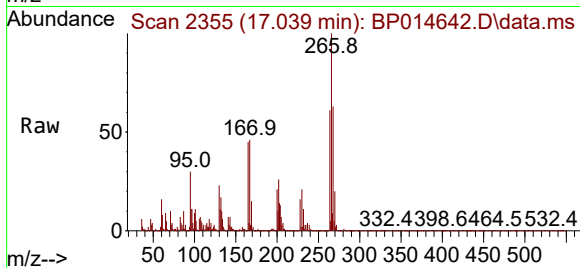
Tgt Ion:266 Resp: 142068

Ion Ratio Lower Upper

266 100

264 61.2 51.0 76.4

268 62.7 51.4 77.2



#72

Phenanthrene

Concen: 29.109 ng/ul

RT: 17.434 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

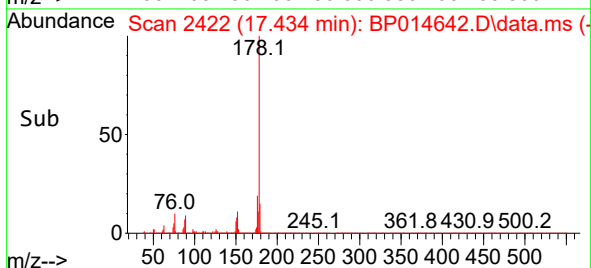
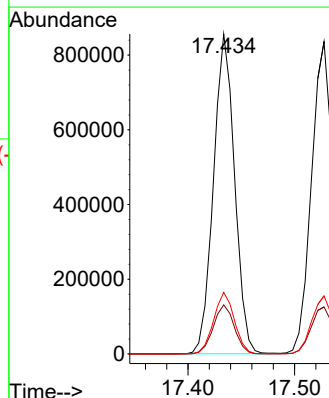
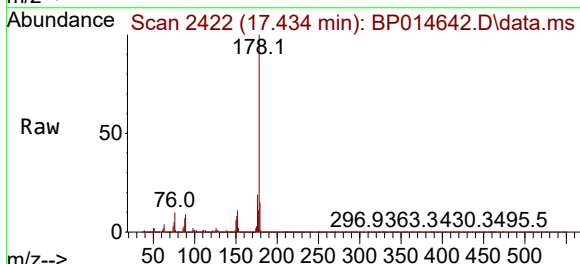
Tgt Ion:178 Resp: 1178059

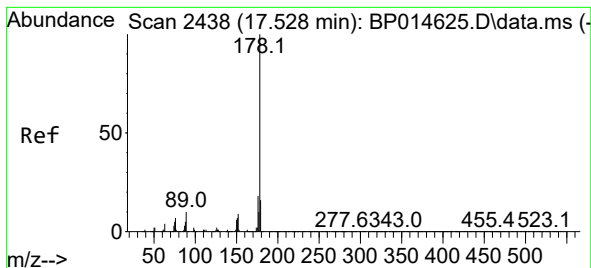
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.2 15.3 22.9





#74

Anthracene

Concen: 29.449 ng/uI

RT: 17.528 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

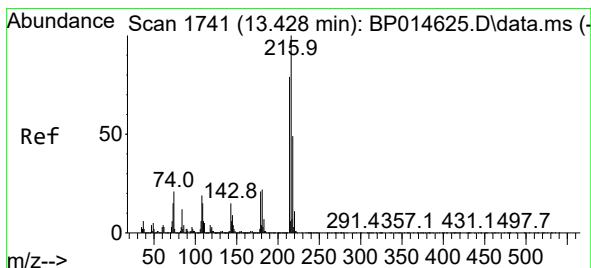
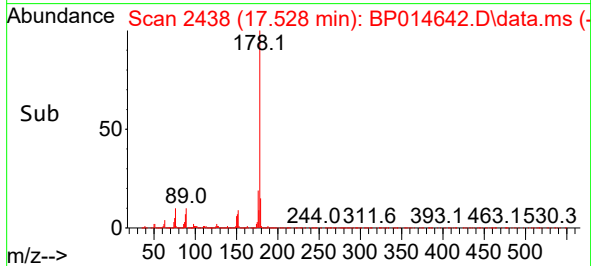
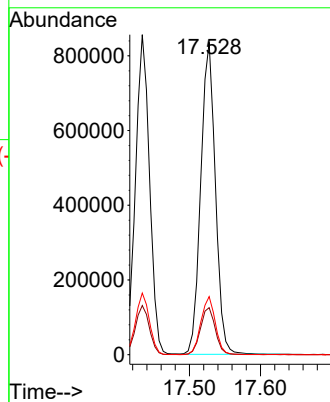
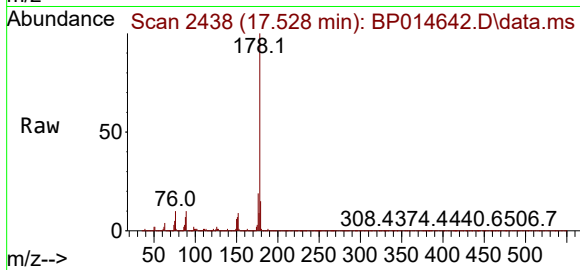
Tgt Ion:178 Resp: 1201201

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.6 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.820 ng/uI

RT: 13.428 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

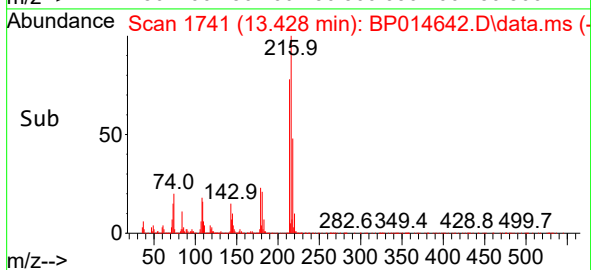
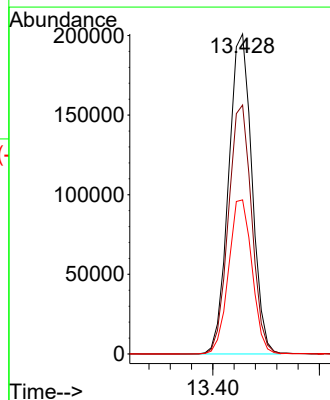
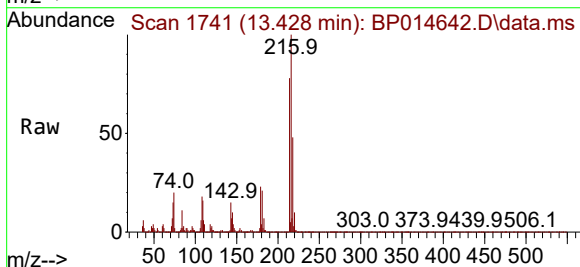
Tgt Ion:216 Resp: 305016

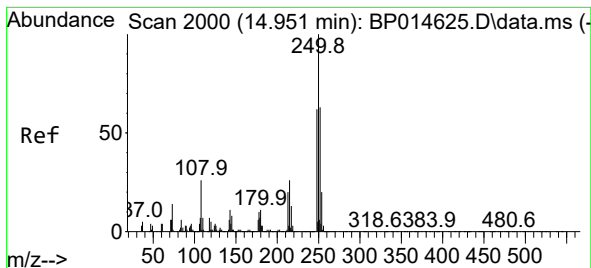
Ion Ratio Lower Upper

216 100

214 77.8 61.0 91.6

218 48.1 38.7 58.1





#76

Pentachlorobenzene

Concen: 24.832 ng/uL

RT: 14.945 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

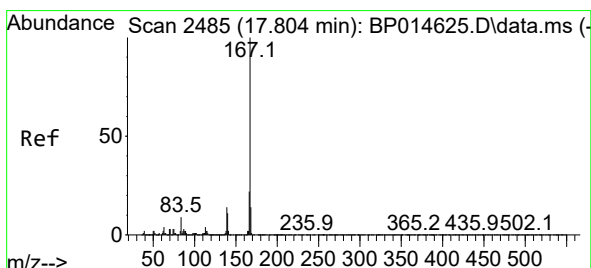
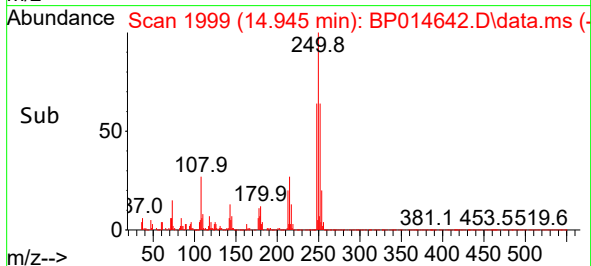
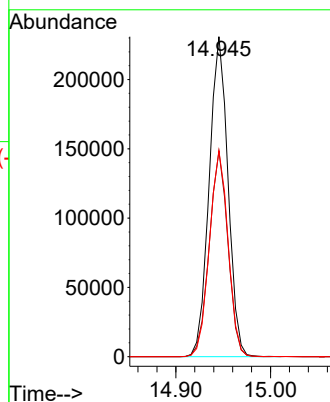
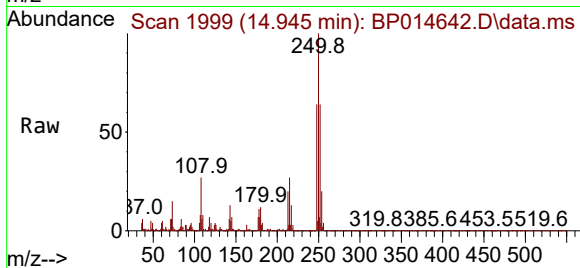
Tgt Ion:250 Resp: 317280

Ion Ratio Lower Upper

250 100

248 64.3 49.0 73.6

252 64.3 50.7 76.1



#77

Carbazole

Concen: 30.730 ng/uL

RT: 17.804 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

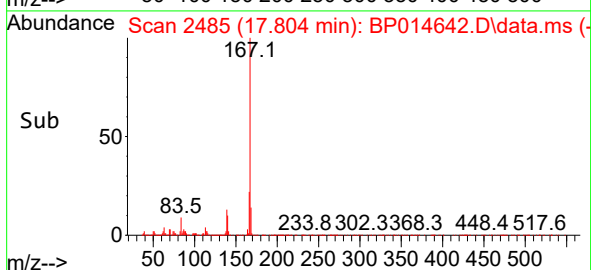
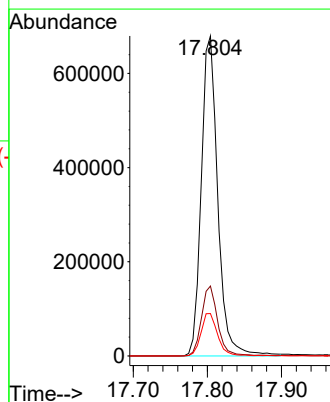
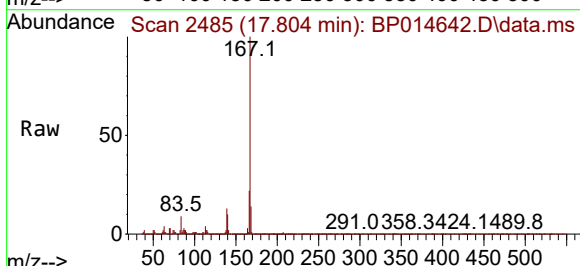
Tgt Ion:167 Resp: 1048941

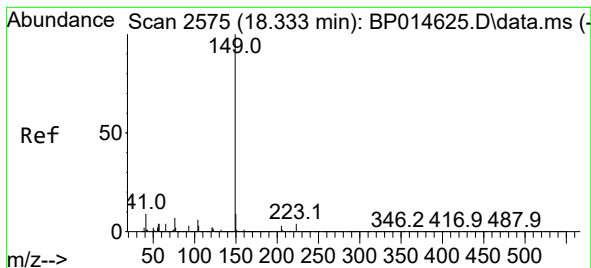
Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.2 11.3 16.9





#78

Di-n-butylphthalate

Concen: 31.517 ng/ul

RT: 18.334 min Scan# 2575

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

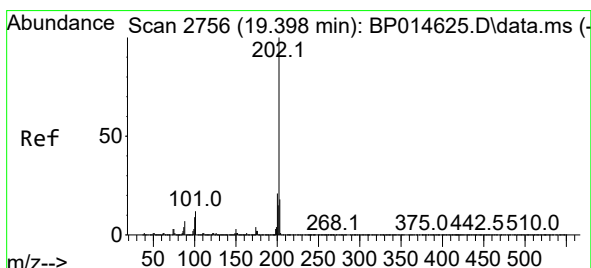
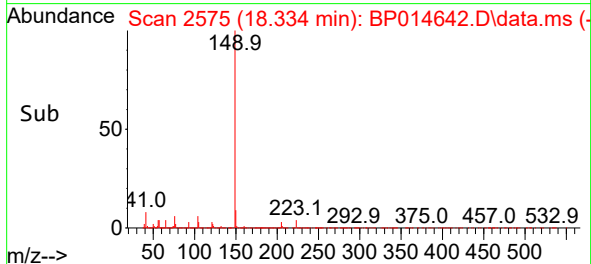
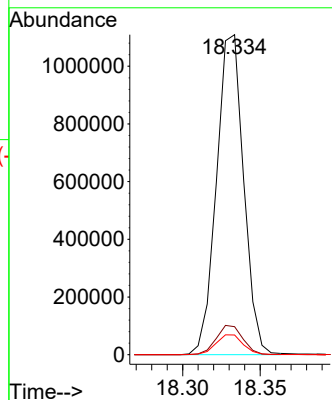
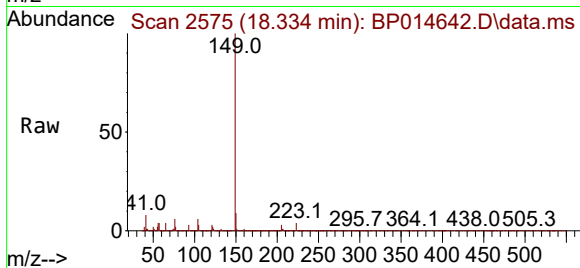
Tgt Ion:149 Resp: 1352710

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 6.1 4.8 7.2



#80

Fluoranthene

Concen: 24.078 ng/ul

RT: 19.398 min Scan# 2756

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

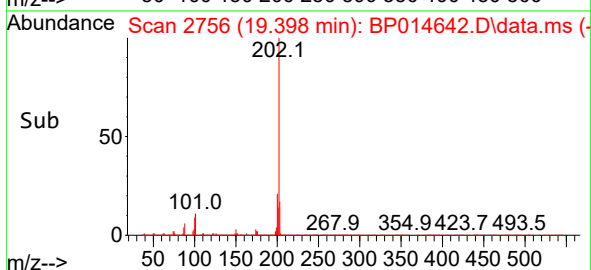
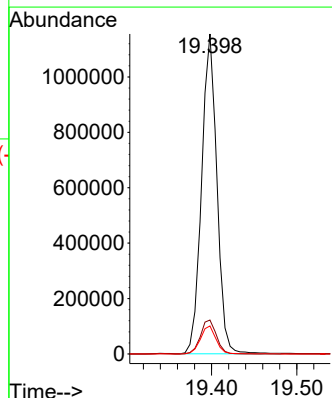
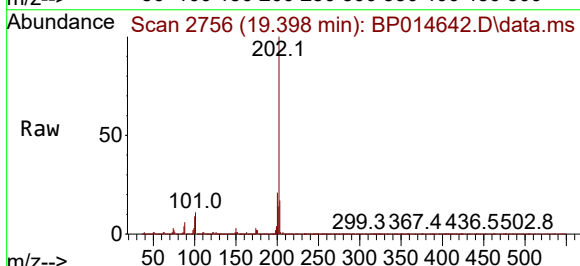
Tgt Ion:202 Resp: 1441180

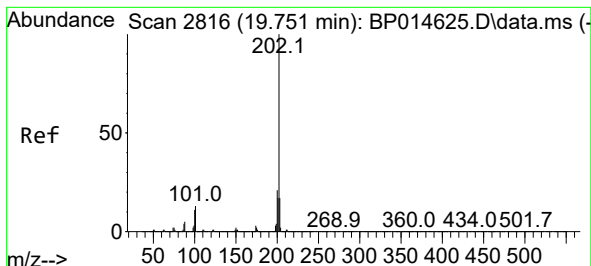
Ion Ratio Lower Upper

202 100

101 10.6 8.2 12.2

100 8.8 6.4 9.6





#82

Pyrene

Concen: 24.424 ng/ul

RT: 19.751 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

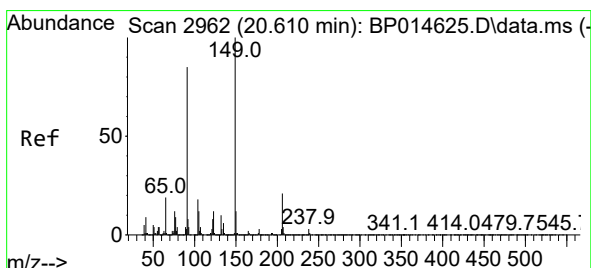
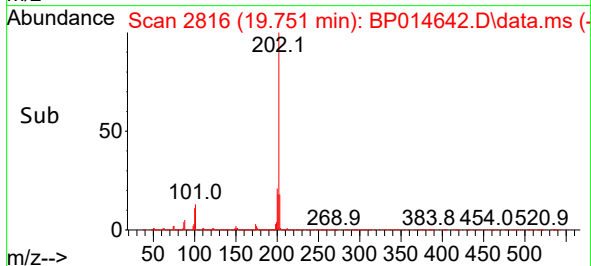
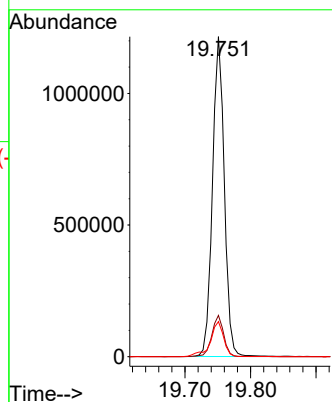
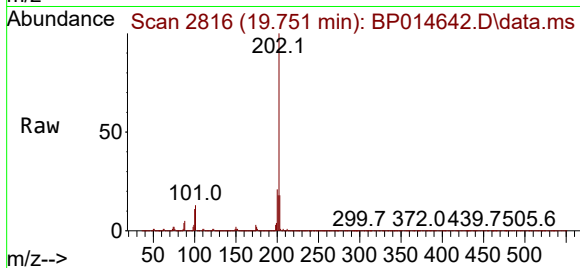
Tgt Ion:202 Resp: 1526280

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

100 11.0 8.0 12.0



#83

Butylbenzylphthalate

Concen: 30.506 ng/ul

RT: 20.610 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

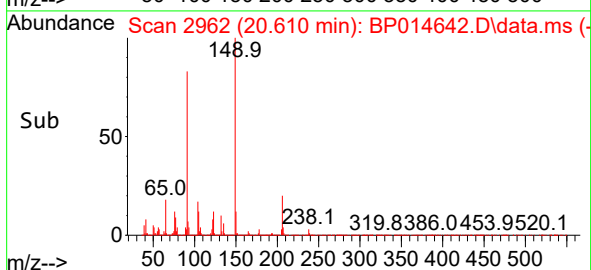
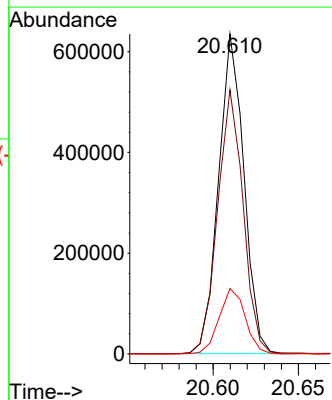
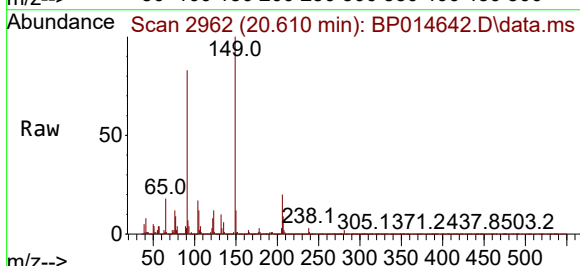
Tgt Ion:149 Resp: 656643

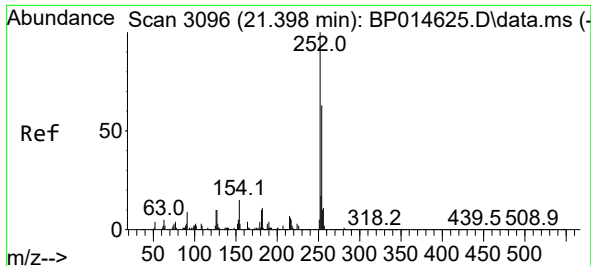
Ion Ratio Lower Upper

149 100

91 82.6 61.8 92.8

206 20.5 17.8 26.6

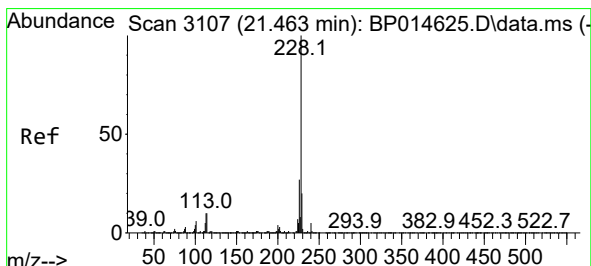
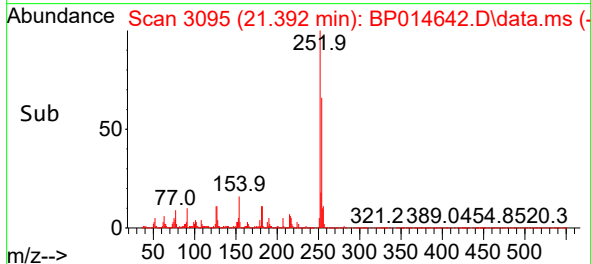
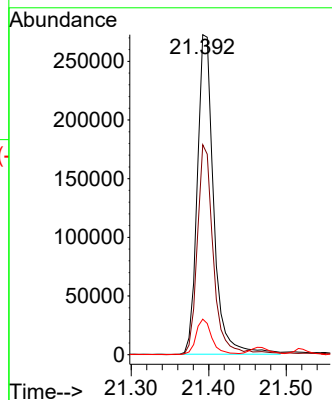
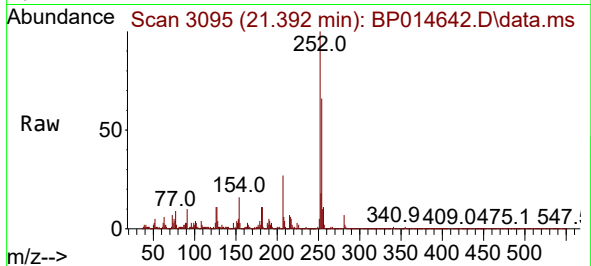




#84
3,3'-Dichlorobenzidine
Concen: 24.038 ng/ul
RT: 21.392 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

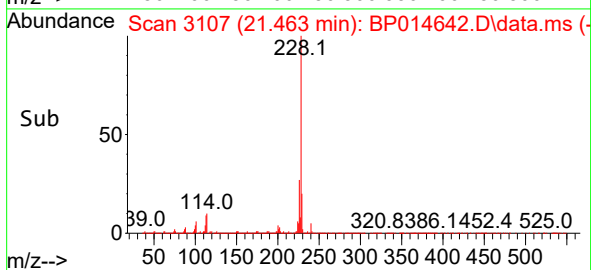
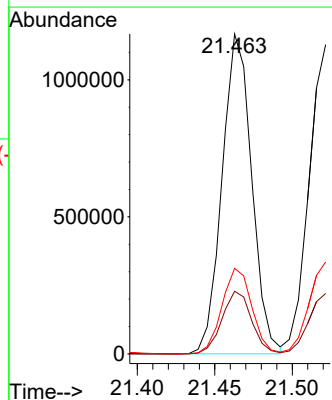
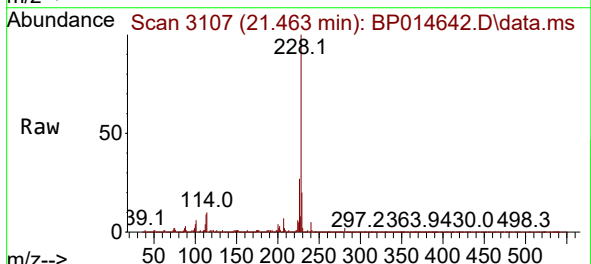
Instrument :
BNA_P
ClientSampleId :
SLCS000

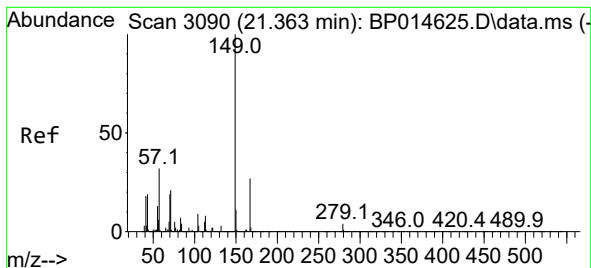
Tgt Ion:252 Resp: 400667
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.0
126 11.1 7.8 11.6



#85
Benzo(a)anthracene
Concen: 29.029 ng/ul
RT: 21.463 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP014642.D
Acq: 10 Apr 2023 23:53

Tgt Ion:228 Resp: 1550330
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 26.7 21.8 32.6

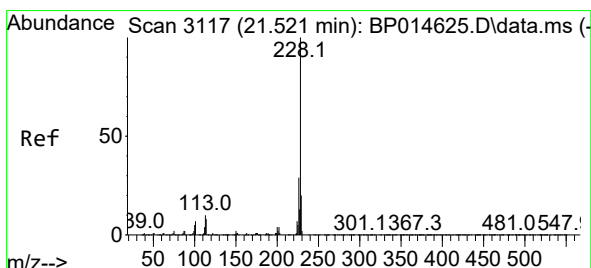
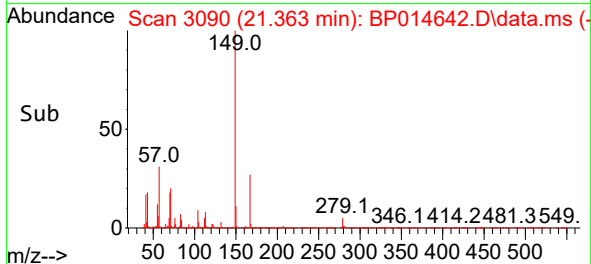
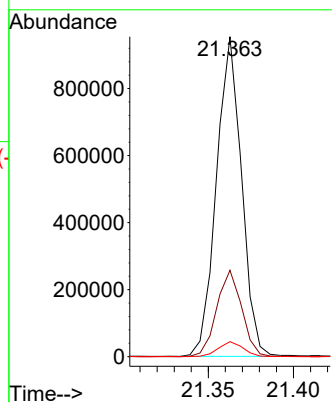
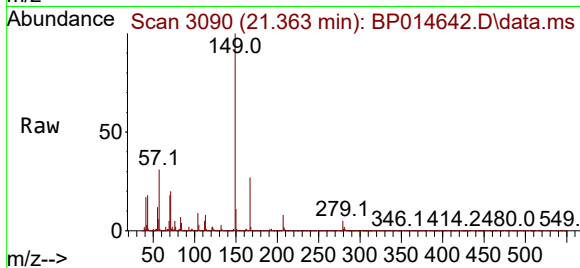




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 33.220 ng/ul
 RT: 21.363 min Scan# 3090
 Delta R.T. 0.000 min
 Lab File: BP014642.D
 Acq: 10 Apr 2023 23:53

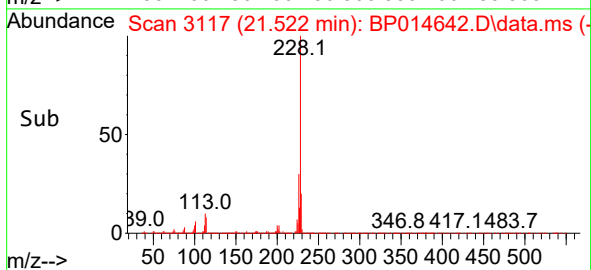
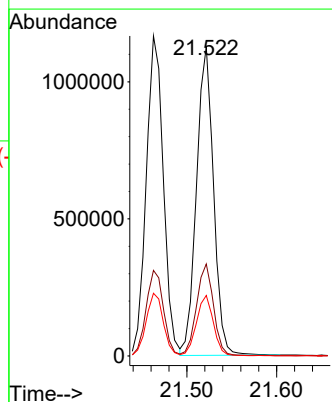
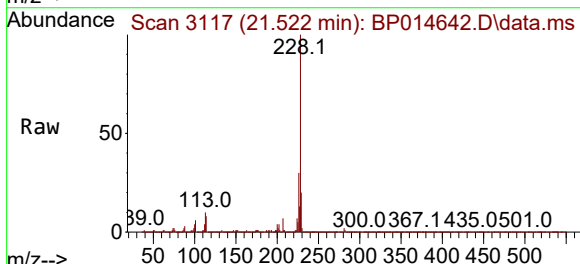
Instrument :
 BNA_P
 ClientSampleId :
 SLCS000

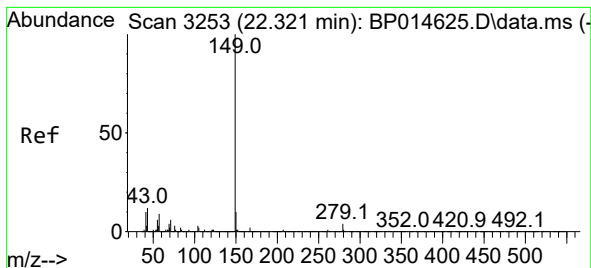
Tgt Ion:149 Resp: 977809
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.9 32.9
 279 4.7 3.7 5.5



#87
 Chrysene
 Concen: 29.496 ng/ul
 RT: 21.522 min Scan# 3117
 Delta R.T. 0.000 min
 Lab File: BP014642.D
 Acq: 10 Apr 2023 23:53

Tgt Ion:228 Resp: 1487408
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.8 35.8
 229 19.6 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 31.587 ng/ul

RT: 22.316 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

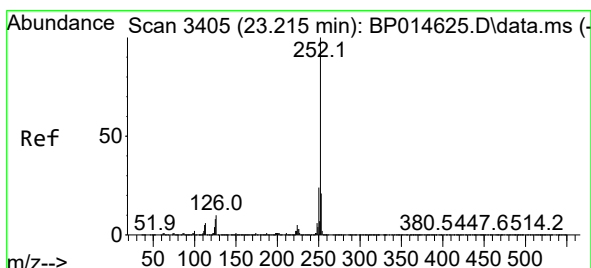
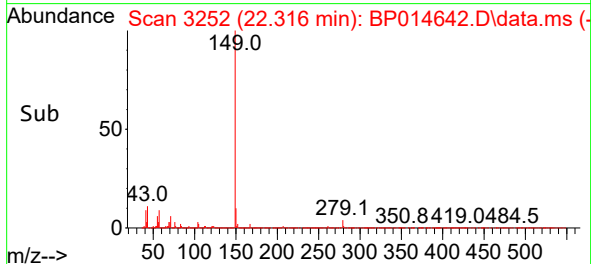
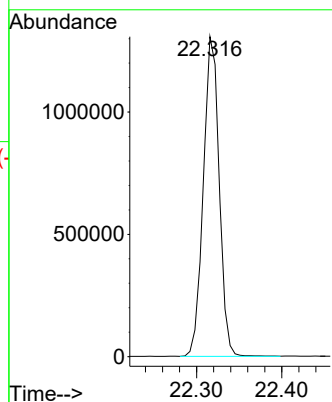
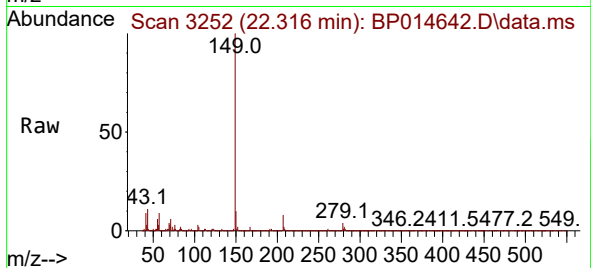
Instrument :

BNA_P

ClientSampleId :

SLCS000

Tgt Ion:149 Resp: 1687493



#90

Benzo(b)fluoranthene

Concen: 29.128 ng/ul

RT: 23.216 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

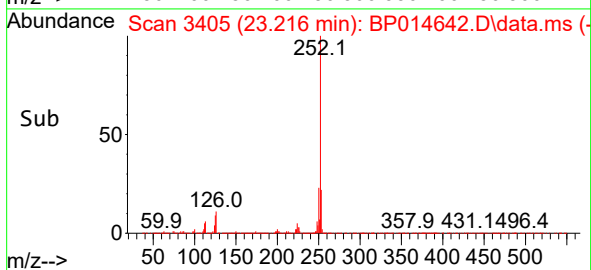
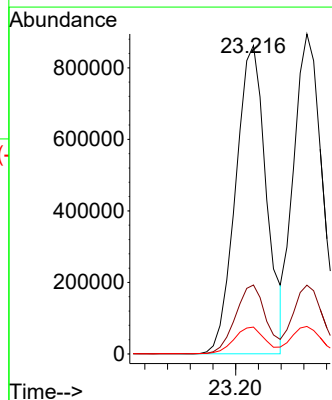
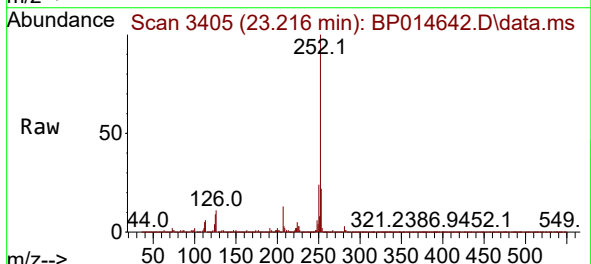
Tgt Ion:252 Resp: 1619511

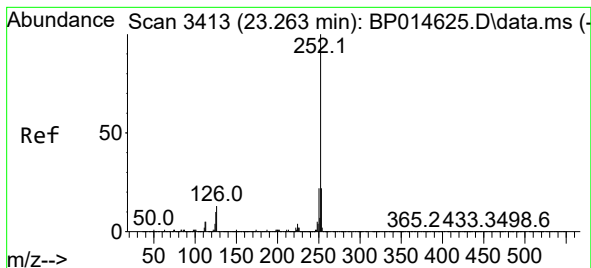
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 8.7 6.8 10.2





#91

Benzo(k)fluoranthene

Concen: 29.268 ng/ul

RT: 23.263 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

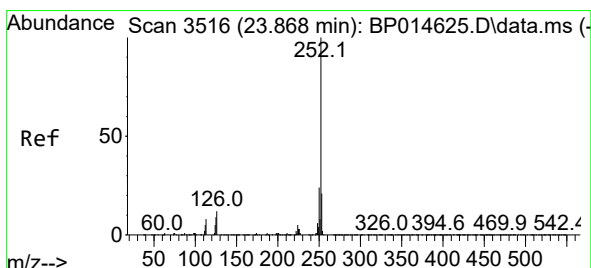
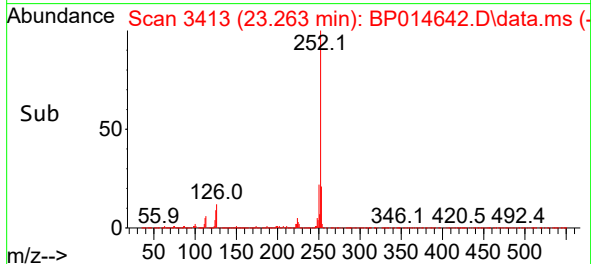
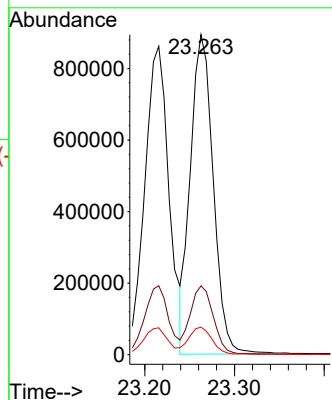
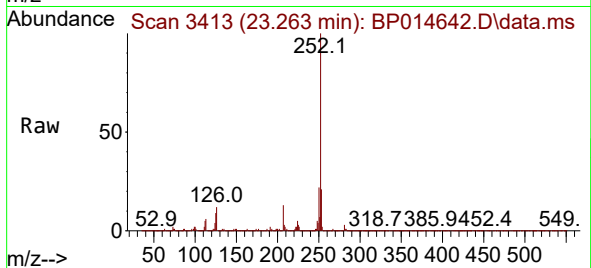
Tgt Ion:252 Resp: 1580489

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.6 6.9 10.3



#93

Benzo(a)pyrene

Concen: 29.726 ng/ul

RT: 23.874 min Scan# 3517

Delta R.T. 0.006 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

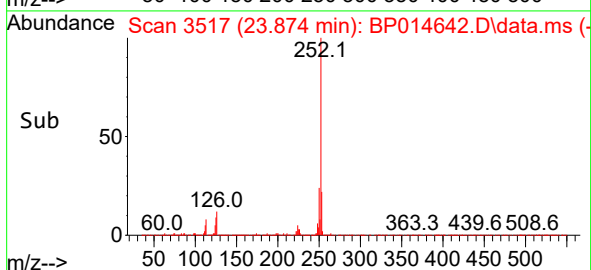
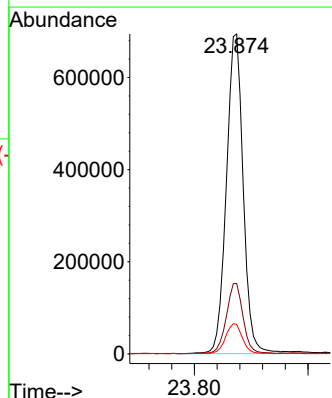
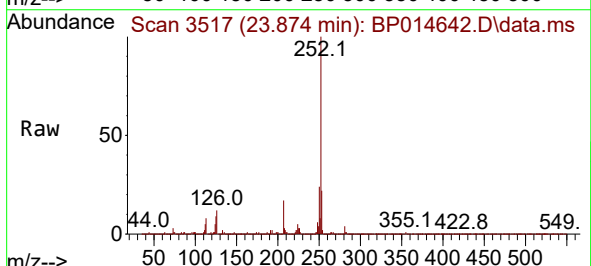
Tgt Ion:252 Resp: 1422630

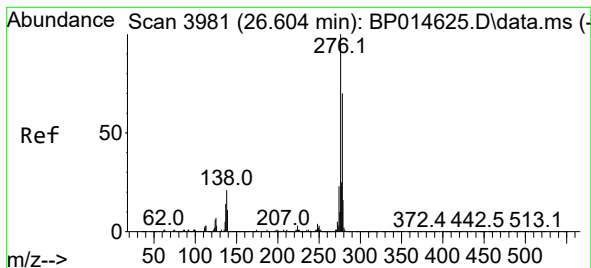
Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

125 9.3 6.8 10.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 28.854 ng/ul

RT: 26.604 min Scan# 3981

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000

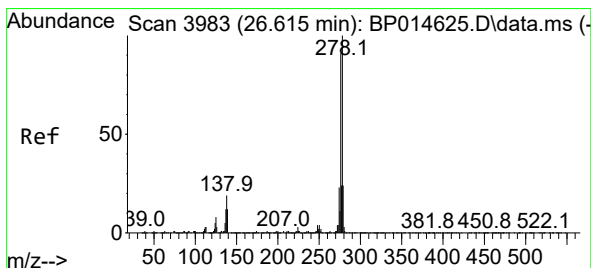
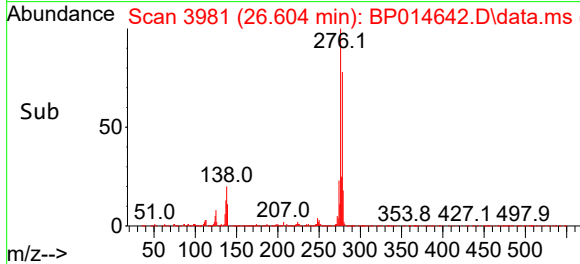
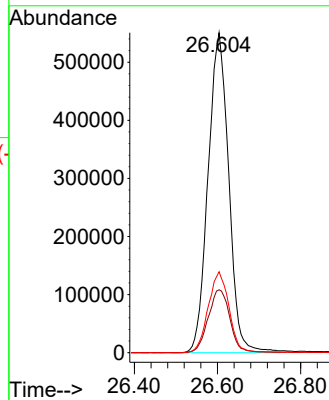
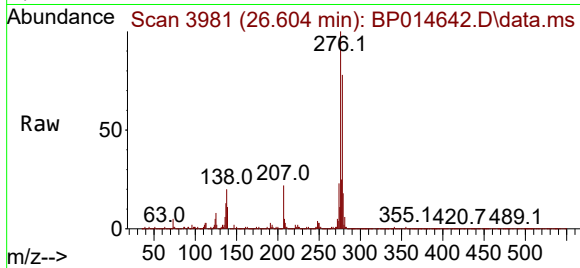
Tgt Ion:276 Resp: 1899845

Ion Ratio Lower Upper

276 100

138 19.7 14.9 22.3

277 25.3 20.3 30.5



#95

Dibenzo(a,h)anthracene

Concen: 28.759 ng/ul

RT: 26.615 min Scan# 3983

Delta R.T. 0.000 min

Lab File: BP014642.D

Acq: 10 Apr 2023 23:53

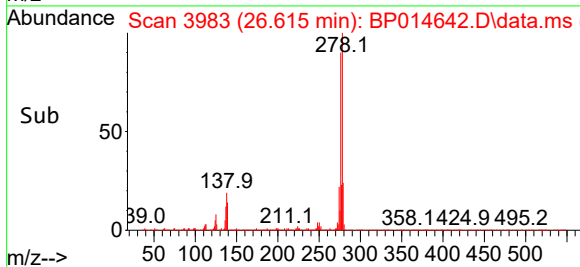
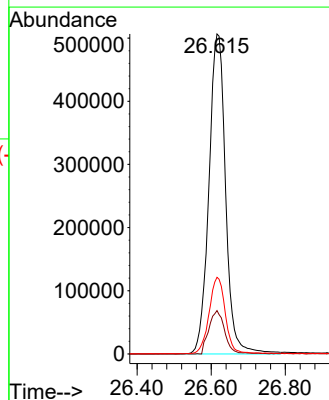
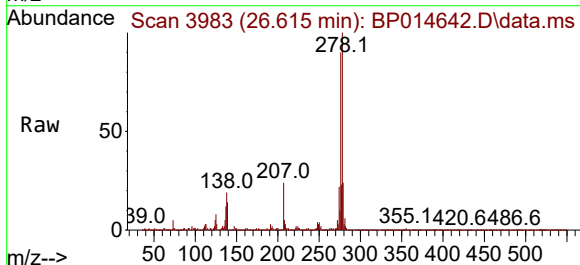
Tgt Ion:278 Resp: 1585363

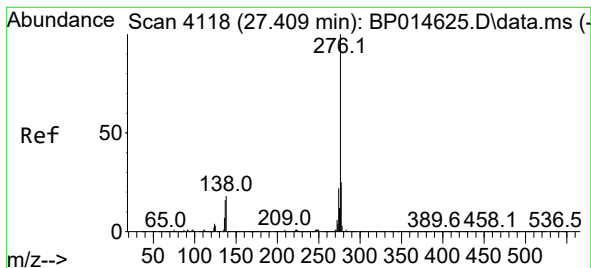
Ion Ratio Lower Upper

278 100

139 13.5 10.4 15.6

279 24.0 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 28.636 ng/ul

RT: 27.410 min Scan# 4118

Delta R.T. 0.000 min

Lab File: BP014642.D

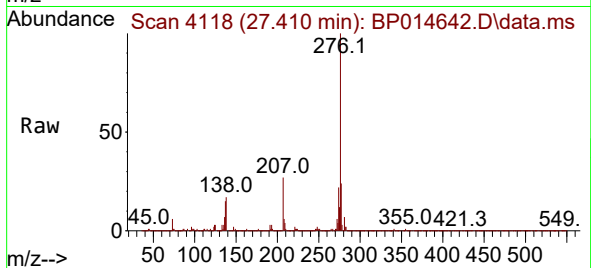
Acq: 10 Apr 2023 23:53

Instrument :

BNA_P

ClientSampleId :

SLCS000



Tgt Ion:276 Resp: 1536886

Ion Ratio Lower Upper

276 100

138 16.9 13.0 19.4

277 24.0 18.4 27.6

