

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014346.D
 Acq On : 28 Mar 2023 16:24
 Operator : CG/JU
 Sample : PB151699BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS699

Quant Time: Mar 29 04:09:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:11:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	126375	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	566346	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	373258	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	831040	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	785157	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	671870	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	21343	6.549	ng/uL	0.00
4) Pyridine-d5	3.822	84	268085	32.101	ng/u1	0.00
7) Phenol-d5	7.181	99	405005	34.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	254624	34.050	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	291713	34.630	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	326923	34.774	ng/u1	0.00
21) Nitrobenzene-d5	9.199	128	149247	32.644	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	179872	34.358	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	325494	34.139	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	403054	32.093	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	1050970	34.726	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	1144149	34.071	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	177047	38.723	ng/u1	0.00
60) Fluorene-d10	15.669	176	863453	34.212	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	215004	35.161	ng/u1	0.00
73) Anthracene-d10	17.539	188	1355936	33.714	ng/u1	0.00
81) Pyrene-d10	19.763	212	1660584	31.487	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1261882	35.351	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	45905	12.818	ng/uL	96
5) Pyridine	3.846	79	285645	32.685	ng/u1	97
6) Benzaldehyde	7.157	77	257452	44.441	ng/u1	99
8) Phenol	7.210	94	426633	35.287	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.440	93	334574	34.436	ng/u1	100
12) 2-Chlorophenol	7.581	128	307549	35.078	ng/u1	96
13) 2-Methylphenol	8.469	108	316746	35.129	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	442963	34.724	ng/u1	98
16) Acetophenone	8.857	105	543320	34.998	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.840	70	302227	36.037	ng/u1	98
18) 4-Methylphenol	8.804	108	348006	35.144	ng/u1	99
19) Hexachloroethane	9.110	117	133061	34.734	ng/u1	97
22) Nitrobenzene	9.246	77	440751	33.557	ng/u1	99
23) Isophorone	9.769	82	828347	34.213	ng/u1	100
25) 2-Nitrophenol	9.957	139	188876	34.181	ng/u1	99
26) 2,4-Dimethylphenol	10.016	107	414523	33.515	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.251	93	486232	33.497	ng/u1	99
29) 2,4-Dichlorophenol	10.493	162	323722	34.500	ng/u1	96
30) Naphthalene	10.898	128	1055517	33.459	ng/u1	99
32) 4-Chloroaniline	11.016	127	418647	32.912	ng/u1	98
33) Hexachlorobutadiene	11.175	225	240718	32.382	ng/u1	99
34) Caprolactam	11.804	113	58069	20.948	ng/u1	96
35) 4-Chloro-3-methylphenol	12.134	107	402052	34.836	ng/u1	98
36) 2-Methylnaphthalene	12.504	142	726742	33.993	ng/u1	99

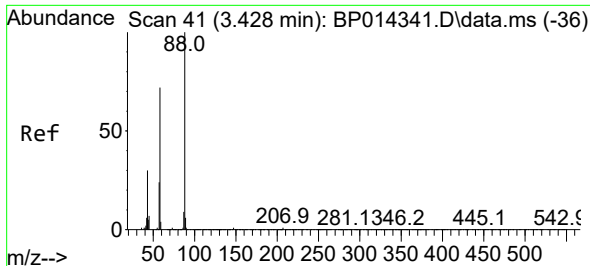
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	747124	35.237	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.869	216	448108	33.672	ng/ul	100
40) Hexachlorocyclopentadiene	12.840	237	256038	29.709	ng/ul	99
41) 2,4,6-Trichlorophenol	13.110	196	287413	34.901	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	313071	35.710	ng/ul	96
43) 1,1'-Biphenyl	13.510	154	1014971	33.657	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	801529	33.616	ng/ul	99
45) 2-Nitroaniline	13.763	65	273642	37.058	ng/ul	97
47) Dimethylphthalate	14.128	163	1063761	35.154	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	219388	37.109	ng/ul	100
50) Acenaphthylene	14.398	152	1226399	34.291	ng/ul	99
51) 3-Nitroaniline	14.592	138	209495	39.554	ng/ul	97
52) Acenaphthene	14.739	153	852682	33.739	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	139857	36.531	ng/ul	97
55) 4-Nitrophenol	14.904	109	180391	39.977	ng/ul	97
56) Dibenzofuran	15.075	168	1190674	33.514	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	320566	38.226	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.304	232	285668	36.254	ng/ul	100
59) Diethylphthalate	15.492	149	1094637	36.403	ng/ul	100
61) Fluorene	15.728	166	1021162	35.461	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	539060	34.843	ng/ul	98
63) 4-Nitroaniline	15.763	138	201926	46.923	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	208653	35.210	ng/ul	99
67) N-Nitrosodiphenylamine	15.933	169	853987	33.028	ng/ul	100
68) 4-Bromophenyl-phenylether	16.616	248	340968	32.972	ng/ul	98
69) Hexachlorobenzene	16.733	284	394207	33.187	ng/ul	98
70) Atrazine	16.892	200	248794	26.432	ng/ul	96
71) Pentachlorophenol	17.086	266	229493	33.350	ng/ul	99
72) Phenanthrene	17.480	178	1589960	34.389	ng/ul	100
74) Anthracene	17.575	178	1639073	35.175	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	446221	30.504	ng/ul	99
76) Pentachlorobenzene	14.992	250	461378	31.609	ng/ul	97
77) Carbazole	17.845	167	1450403	37.194	ng/ul	99
78) Di-n-butylphthalate	18.375	149	1874345	38.226	ng/ul	100
80) Fluoranthene	19.439	202	1952342	31.309	ng/ul	100
82) Pyrene	19.792	202	2062997	31.689	ng/ul	100
83) Butylbenzylphthalate	20.651	149	832391	37.119	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.433	252	623452	35.904	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1934110	34.762	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1170839	38.182	ng/ul	100
87) Chrysene	21.568	228	1834987	34.929	ng/ul	98
89) Di-n-octyl phthalate	22.368	149	1829407	41.958	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1674102	36.894	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	1660164	37.670	ng/ul	99
93) Benzo(a)pyrene	23.939	252	1402294	35.903	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.703	276	1629985	30.333	ng/ul	99
95) Dibenzo(a,h)anthracene	26.715	278	1362425	30.283	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	1293575	29.533	ng/ul	98

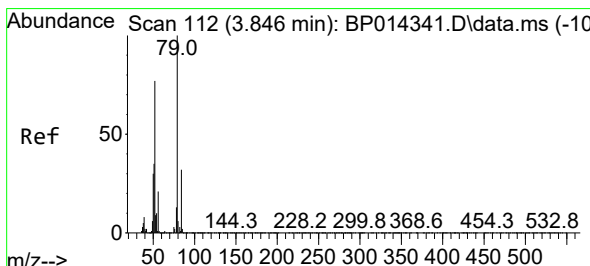
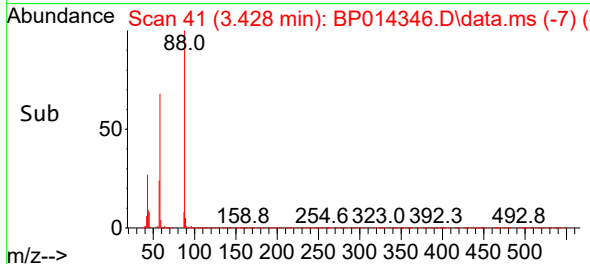
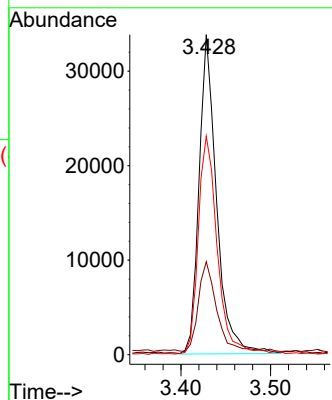
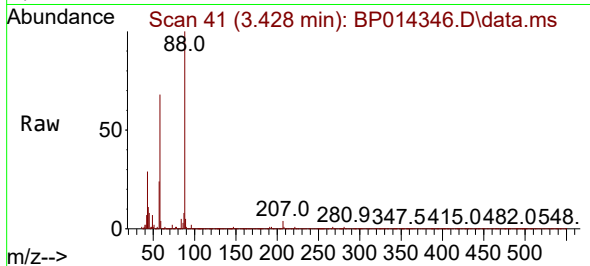
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#2
1,4-Dioxane
Concen: 12.818 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP014346.D
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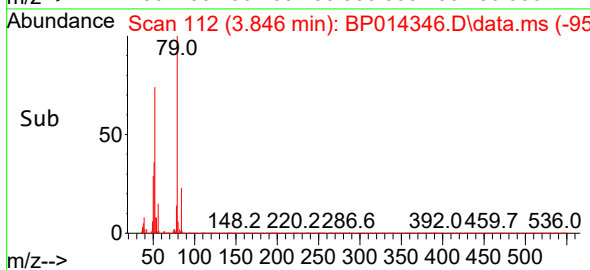
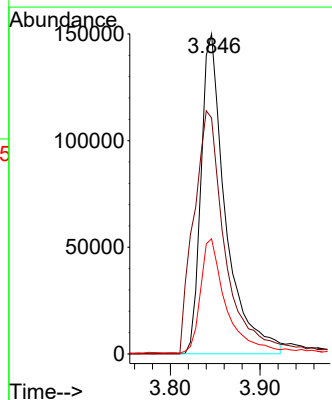
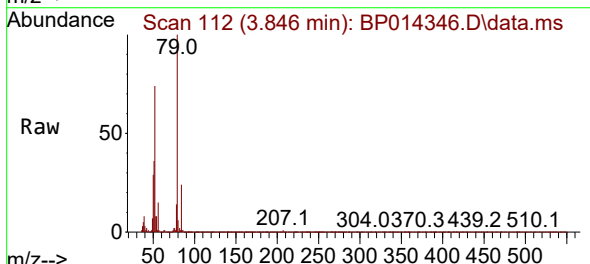
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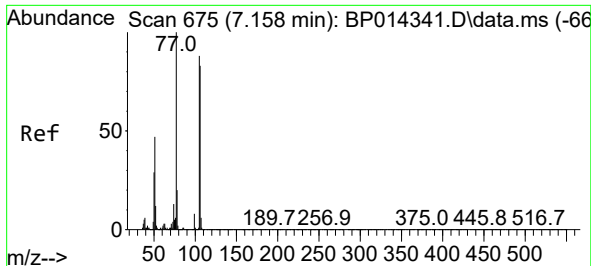
Tgt Ion:	88	Resp:	45905
Ion	Ratio	Lower	Upper
88	100		
43	29.1	24.4	36.6
58	68.3	57.4	86.0



#5
Pyridine
Concen: 32.685 ng/uL
RT: 3.846 min Scan# 112
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:	79	Resp:	285645
Ion	Ratio	Lower	Upper
79	100		
52	73.7	61.4	92.2
51	36.0	28.5	42.7

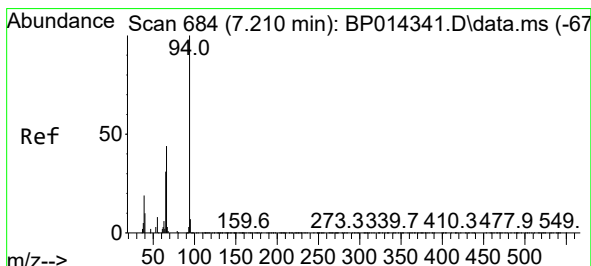
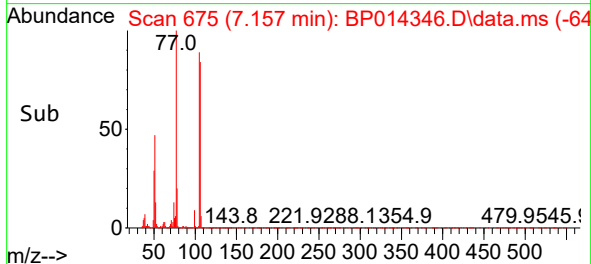
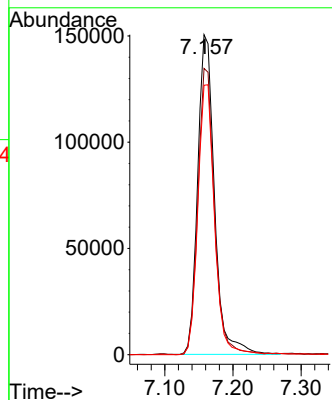
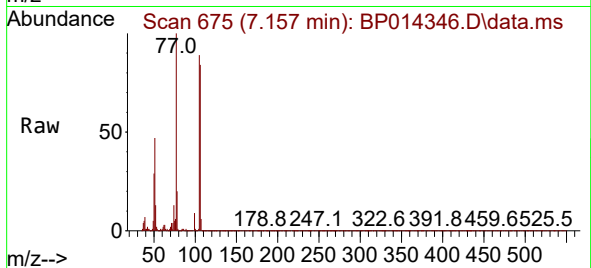




#6
Benzaldehyde
Concen: 44.441 ng/ul
RT: 7.157 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

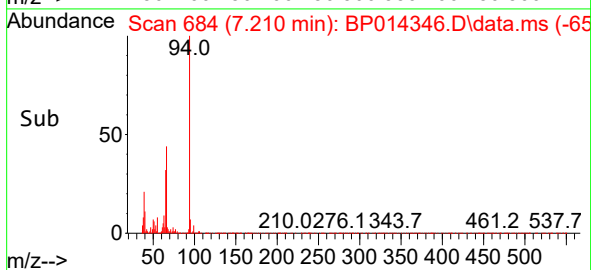
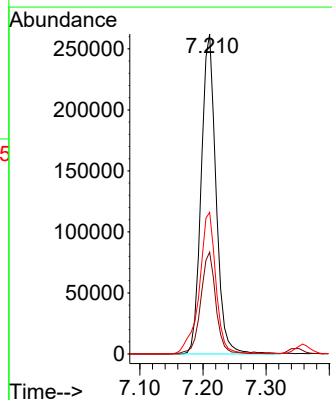
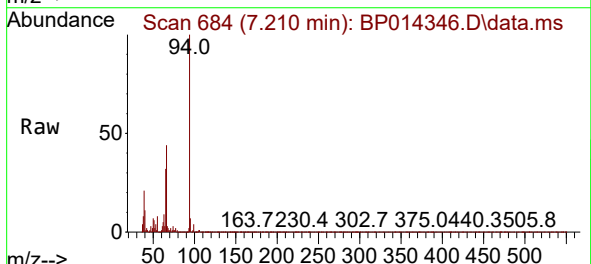
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BNA_P
ClientSampleId :
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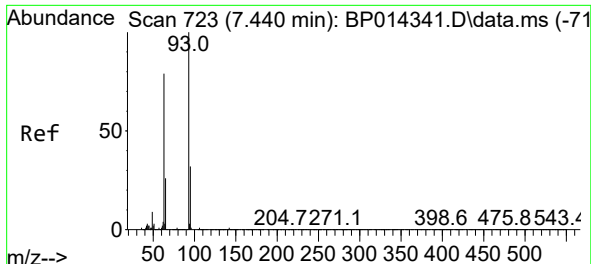
Tgt Ion: 77 Resp: 257452
Ion Ratio Lower Upper
77 100
105 89.5 70.6 105.8
106 84.2 66.5 99.7



#8
Phenol
Concen: 35.287 ng/ul
RT: 7.210 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion: 94 Resp: 426633
Ion Ratio Lower Upper
94 100
65 31.8 25.2 37.8
66 44.3 36.2 54.4

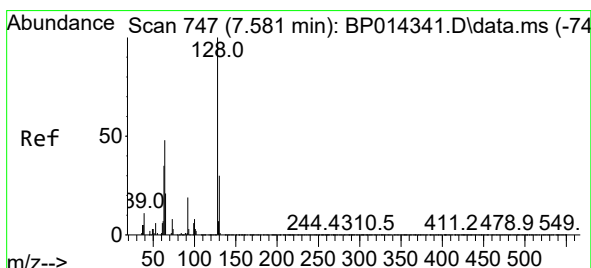
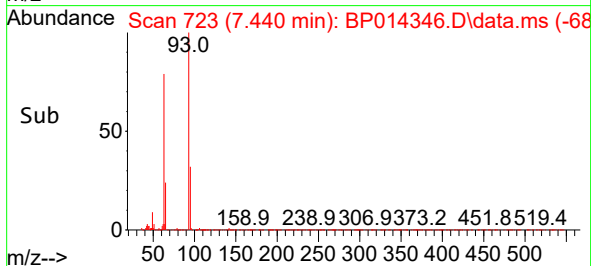
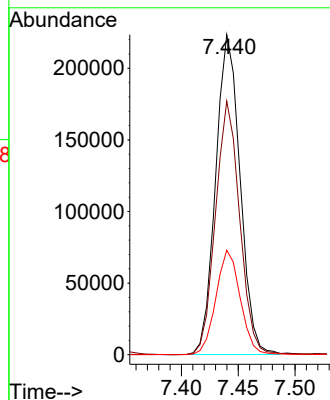
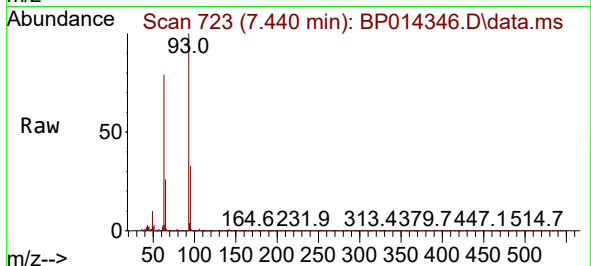




#10
Bis(2-Chloroethyl)ether
Concen: 34.436 ng/ul
RT: 7.440 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

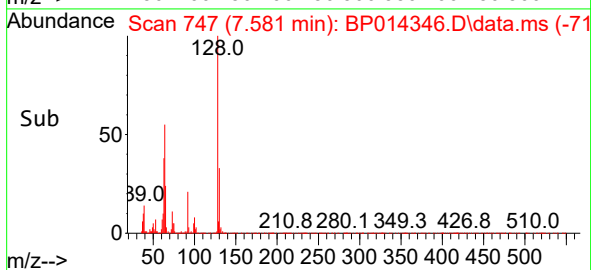
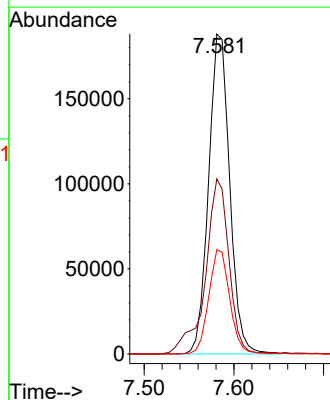
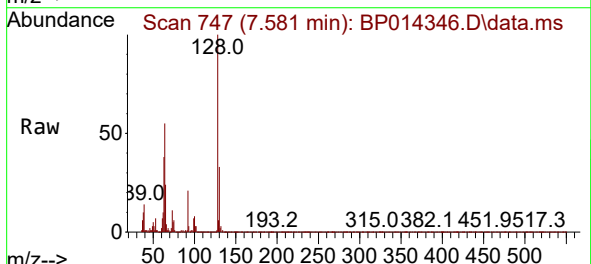
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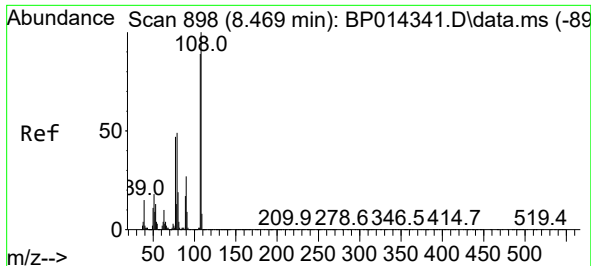
Tgt Ion: 93 Resp: 334574
Ion Ratio Lower Upper
93 100
63 79.3 63.2 94.8
95 32.7 26.0 39.0



#12
2-Chlorophenol
Concen: 35.078 ng/ul
RT: 7.581 min Scan# 747
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:128 Resp: 307549
Ion Ratio Lower Upper
128 100
64 54.7 41.4 62.0
130 32.6 24.1 36.1





#13

2-Methylphenol

Concen: 35.129 ng/ul

RT: 8.469 min Scan# 898

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

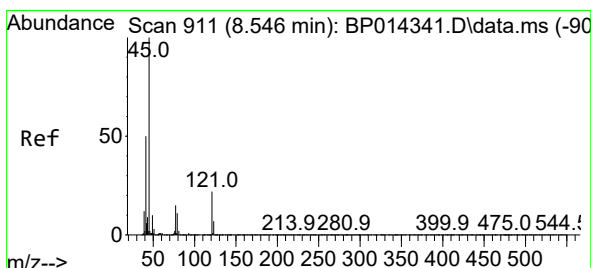
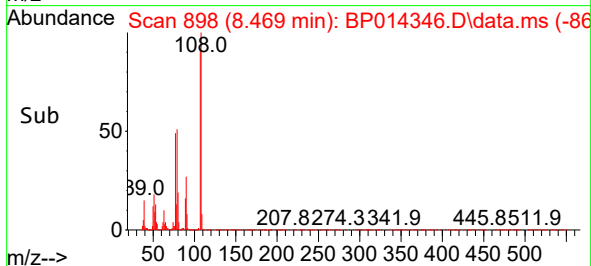
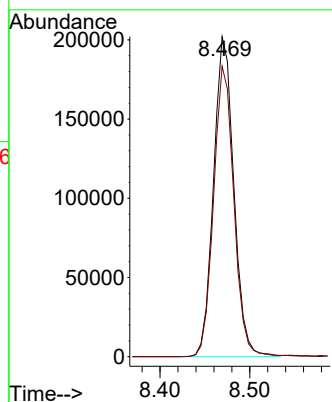
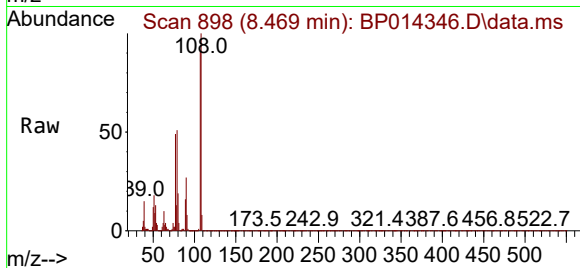
SLCS699

Tgt Ion:108 Resp: 316746

Ion Ratio Lower Upper

108 100

107 90.7 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 34.724 ng/ul

RT: 8.557 min Scan# 913

Delta R.T. 0.012 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

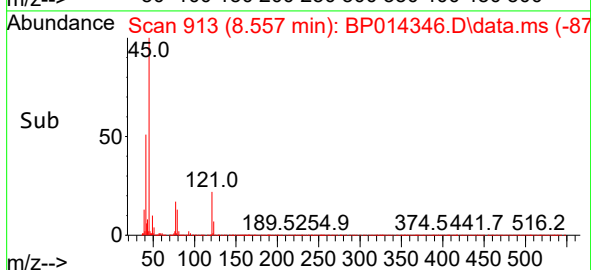
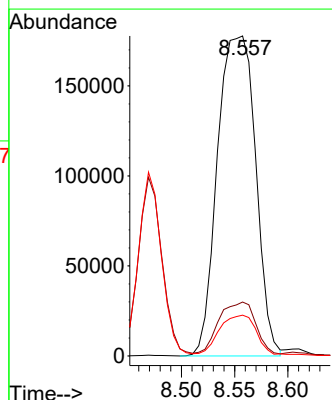
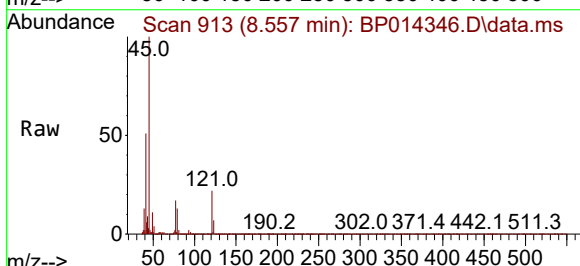
Tgt Ion: 45 Resp: 442963

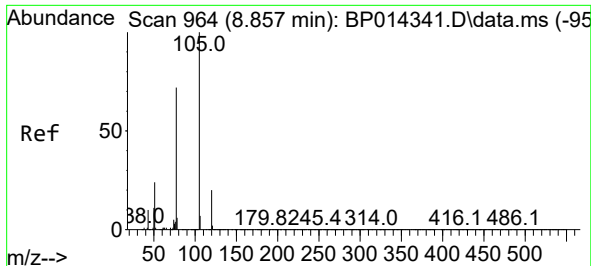
Ion Ratio Lower Upper

45 100

77 16.9 12.8 19.2

79 12.7 9.6 14.4

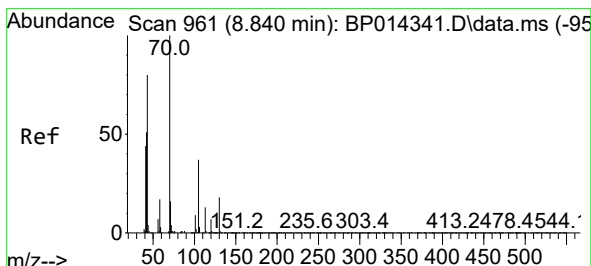
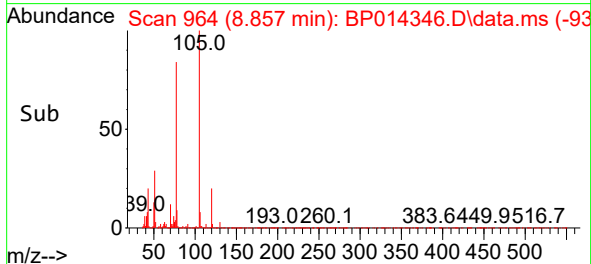
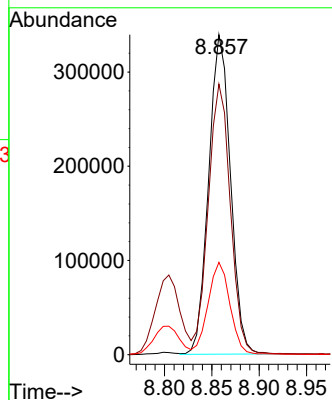
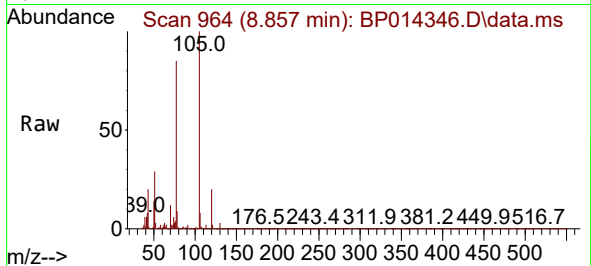




#16
Acetophenone
Concen: 34.998 ng/ul
RT: 8.857 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP014346.D
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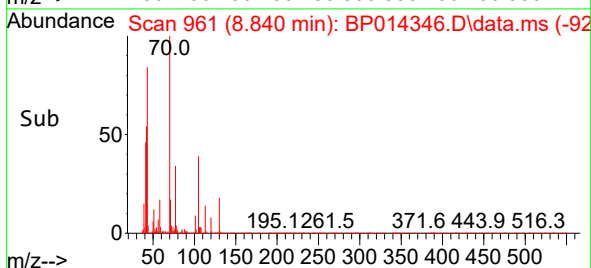
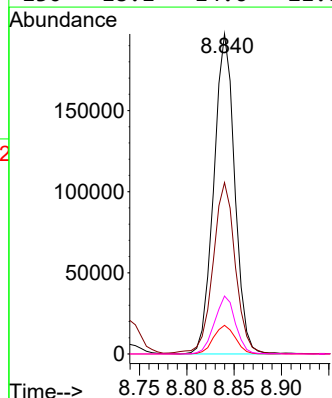
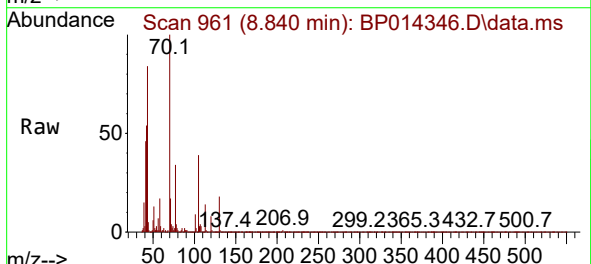
Instrument :
BNA_P
ClientSampleId :
SLCS699

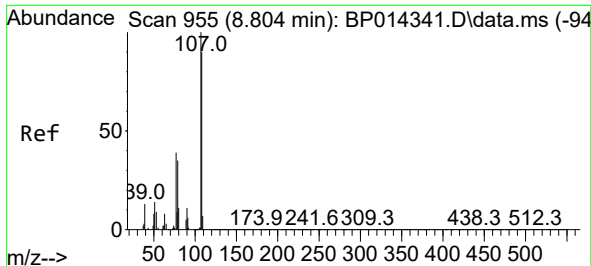
Tgt Ion:105 Resp: 543320
Ion Ratio Lower Upper
105 100
77 84.5 67.3 100.9
51 28.8 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 36.037 ng/ul
RT: 8.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion: 70 Resp: 302227
Ion Ratio Lower Upper
70 100
42 53.5 41.1 61.7
101 8.9 7.0 10.6
130 18.1 14.6 21.8

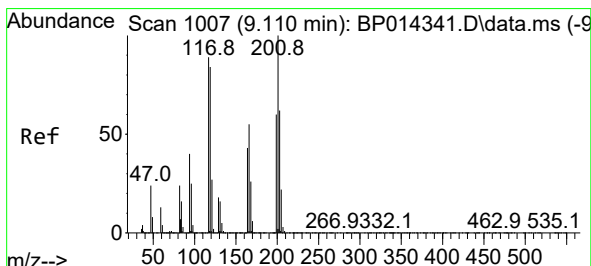
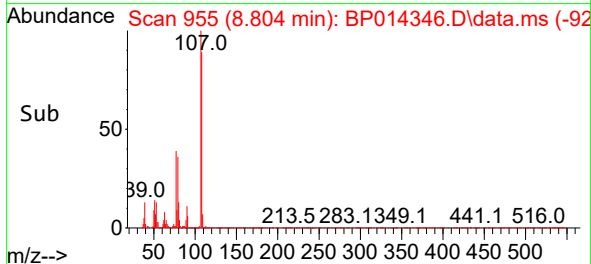
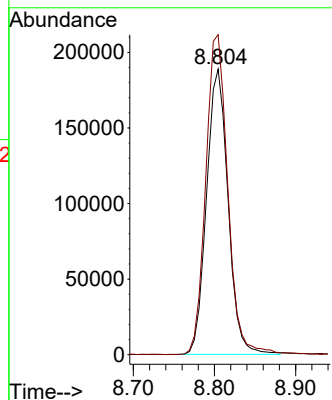
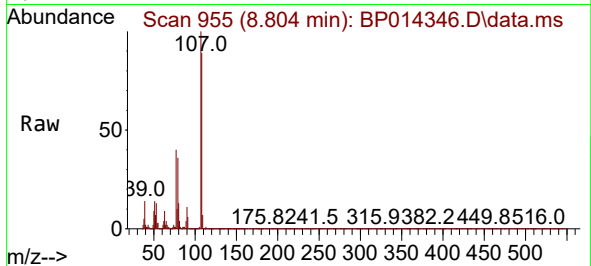




#18
4-Methylphenol
Concen: 35.144 ng/ul
RT: 8.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

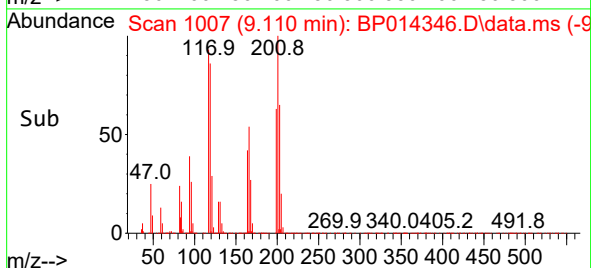
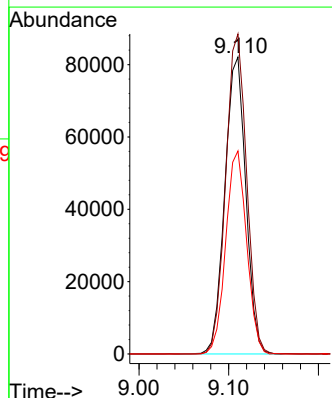
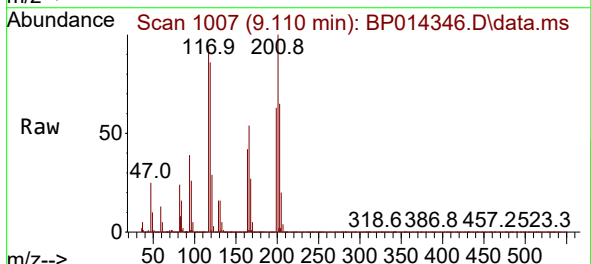
Instrument :
BNA_P
ClientSampleId :
SLCS699

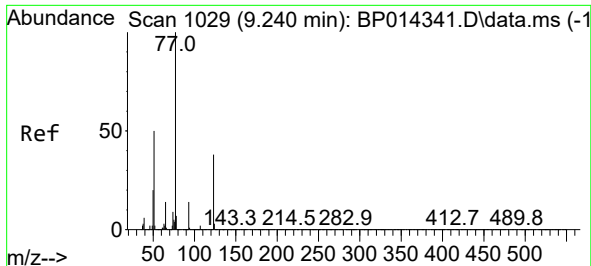
Tgt Ion:108 Resp: 348006
Ion Ratio Lower Upper
108 100
107 112.1 89.0 133.6



#19
Hexachloroethane
Concen: 34.734 ng/ul
RT: 9.110 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:117 Resp: 133061
Ion Ratio Lower Upper
117 100
201 107.7 90.2 135.4
199 68.3 54.2 81.2





#22

Nitrobenzene

Concen: 33.557 ng/ul

RT: 9.246 min Scan# 1029

Delta R.T. 0.006 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

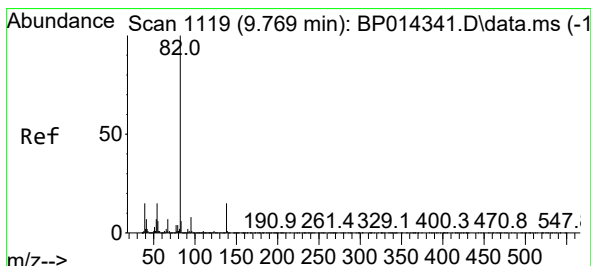
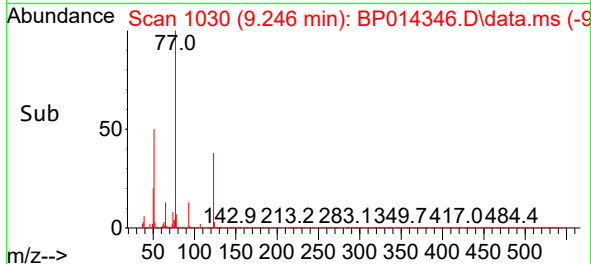
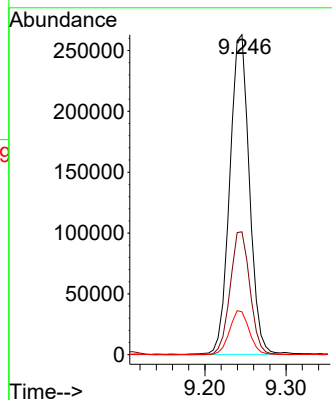
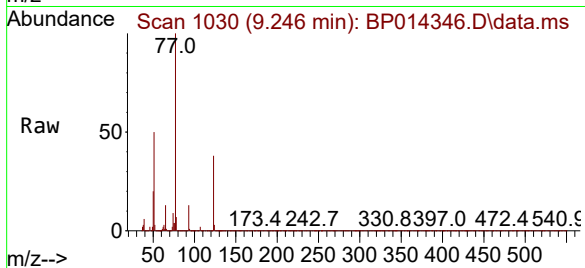
Tgt Ion: 77 Resp: 440751

Ion Ratio Lower Upper

77 100

123 38.4 30.3 45.5

65 13.4 11.0 16.4



#23

Isophorone

Concen: 34.213 ng/ul

RT: 9.769 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

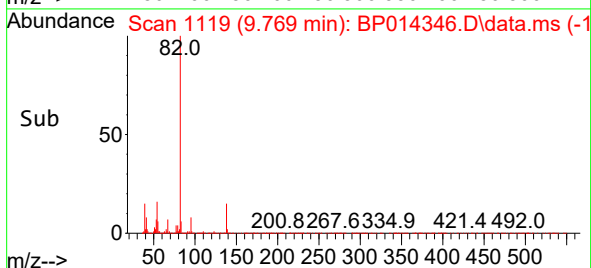
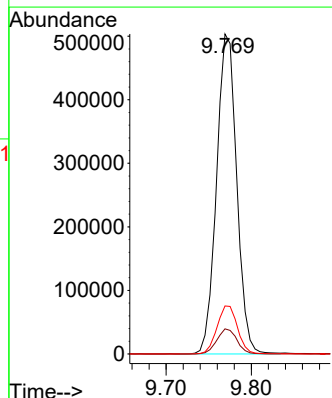
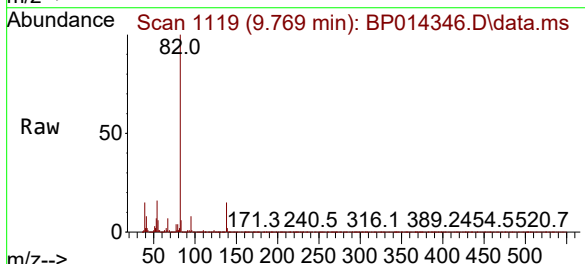
Tgt Ion: 82 Resp: 828347

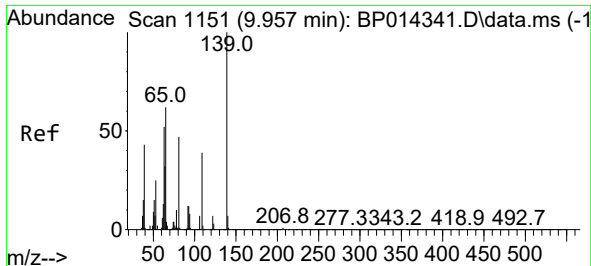
Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 15.0 12.2 18.2

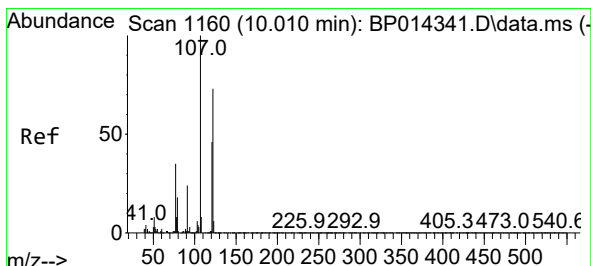
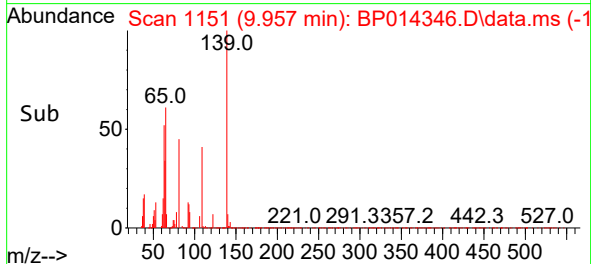
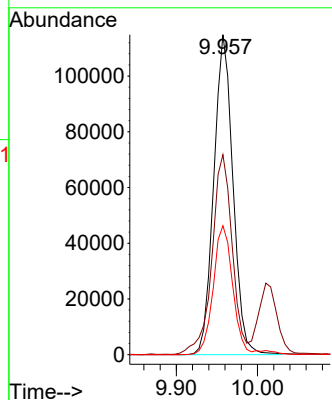
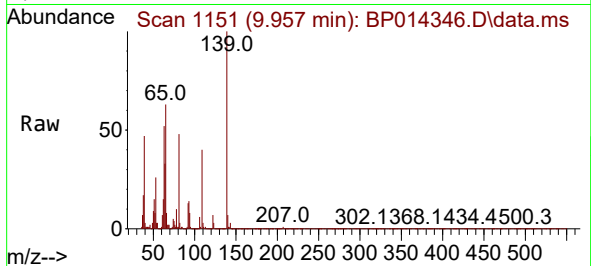




#25
2-Nitrophenol
Concen: 34.181 ng/ul
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

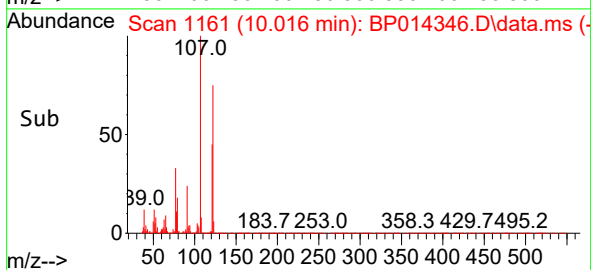
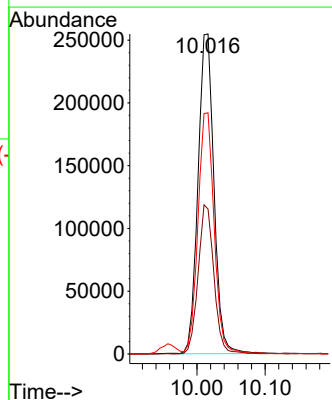
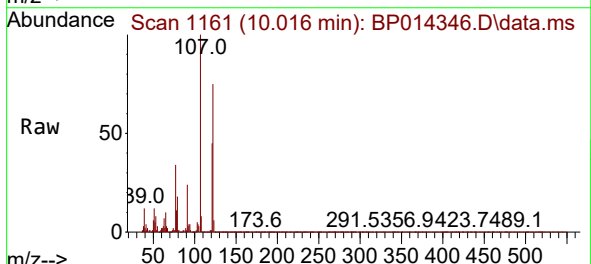
Instrument :
BNA_P
ClientSampleId :
SLCS699

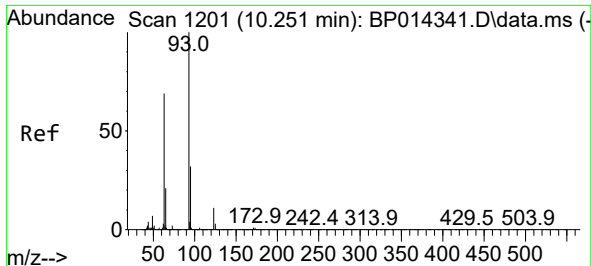
Tgt Ion:139 Resp: 188876
Ion Ratio Lower Upper
139 100
65 62.5 49.7 74.5
109 40.3 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 33.515 ng/ul
RT: 10.016 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:107 Resp: 414523
Ion Ratio Lower Upper
107 100
121 45.3 37.0 55.6
122 75.4 59.8 89.6





#27

Bis(2-Chloroethoxy)methane

Concen: 33.497 ng/ul

RT: 10.251 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

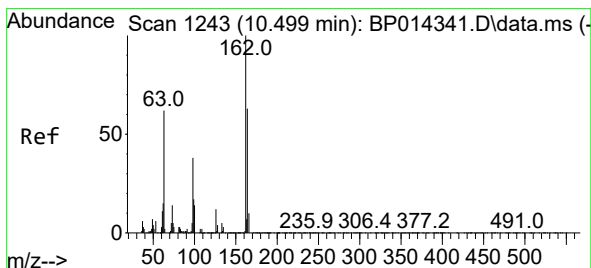
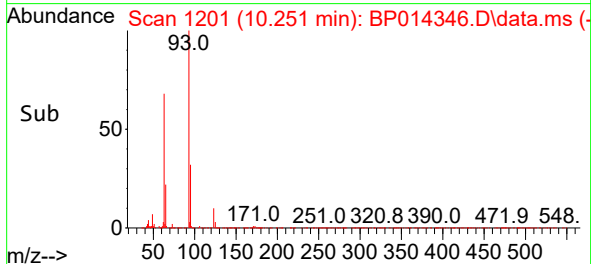
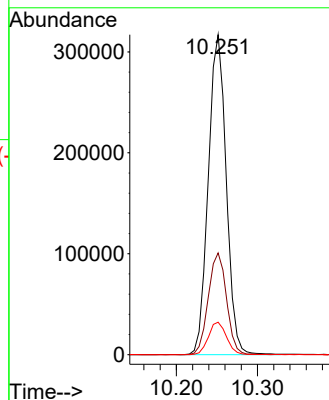
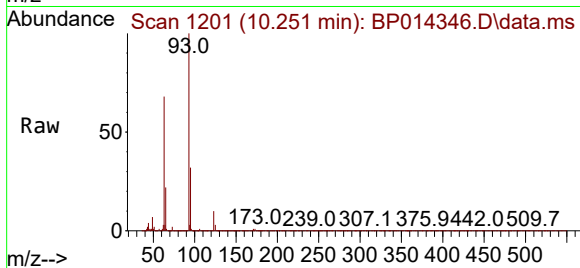
Tgt Ion: 93 Resp: 486232

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

123 10.1 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 34.500 ng/ul

RT: 10.493 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

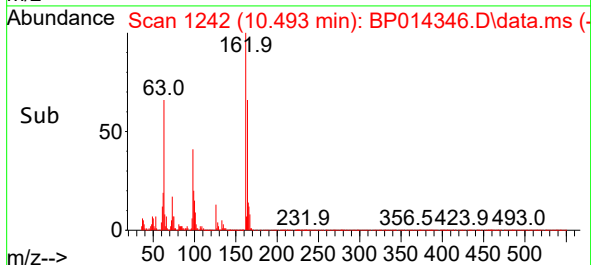
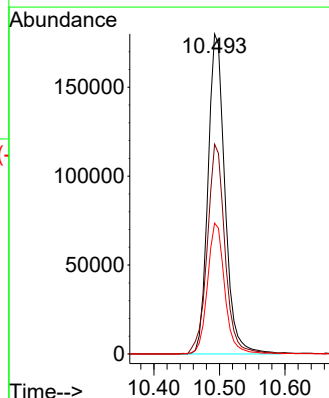
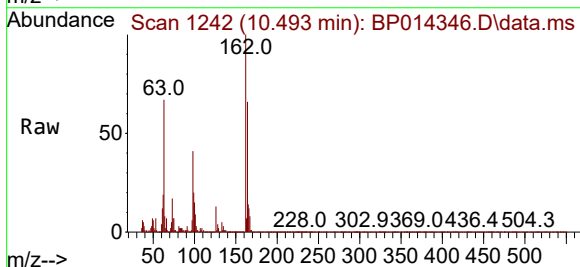
Tgt Ion:162 Resp: 323722

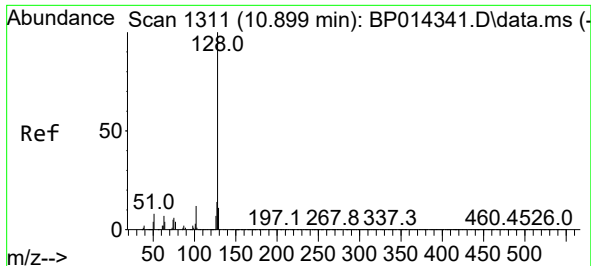
Ion Ratio Lower Upper

162 100

164 65.5 50.1 75.1

98 40.9 30.6 45.8

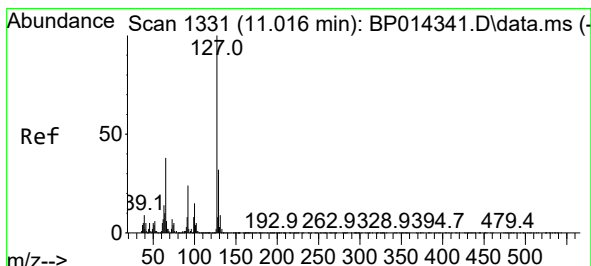
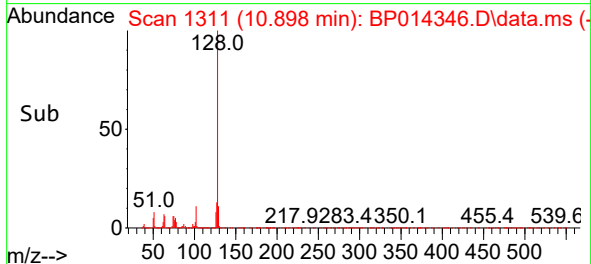
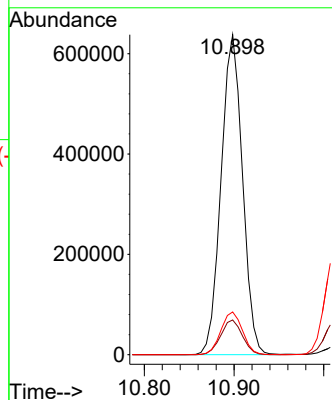
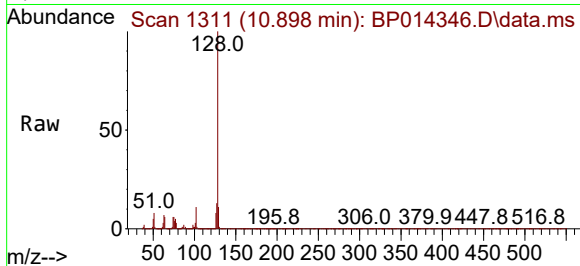




#30
Naphthalene
Concen: 33.459 ng/ul
RT: 10.898 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

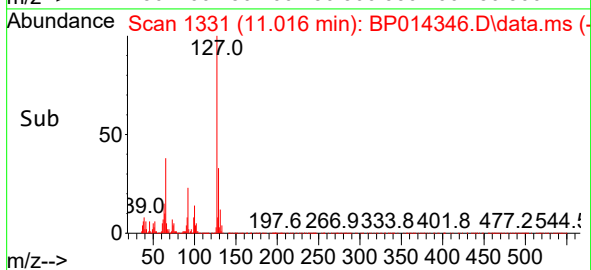
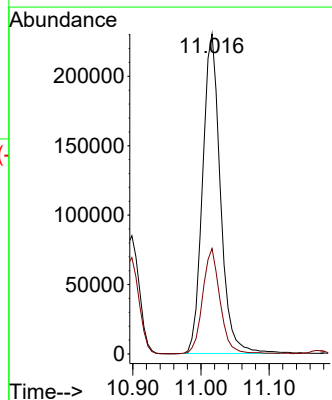
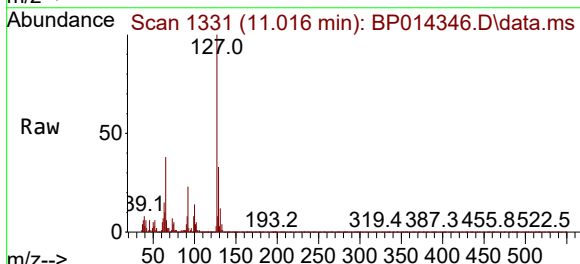
Instrument :
BNA_P
ClientSampleId :
SLCS699

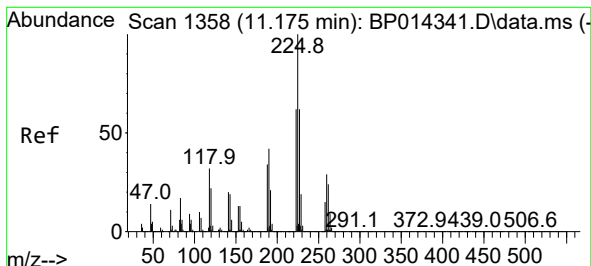
Tgt Ion:128 Resp: 1055517
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 11.0 16.6



#32
4-Chloroaniline
Concen: 32.912 ng/ul
RT: 11.016 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:127 Resp: 418647
Ion Ratio Lower Upper
127 100
129 32.9 25.4 38.0

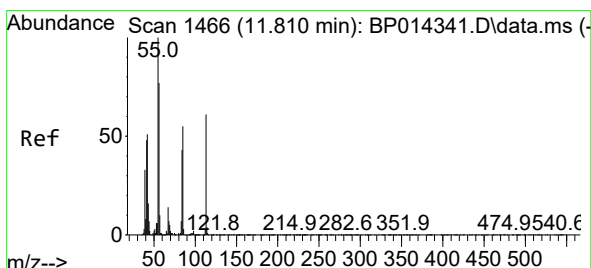
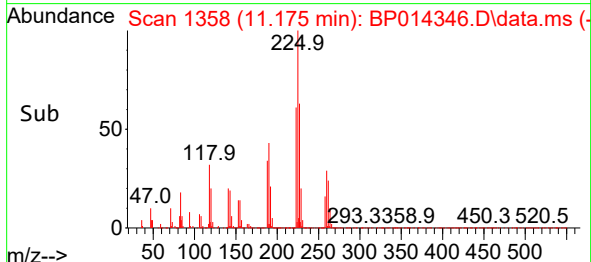
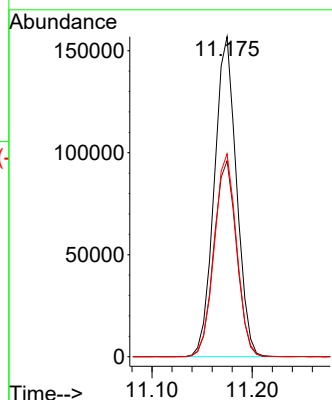
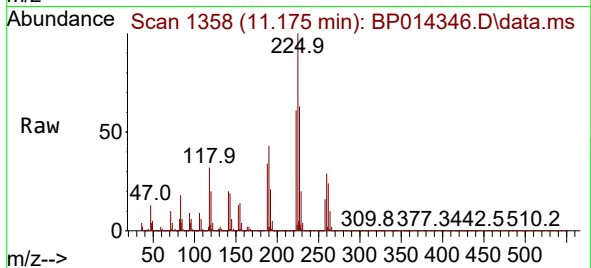




#33
Hexachlorobutadiene
Concen: 32.382 ng/ul
RT: 11.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

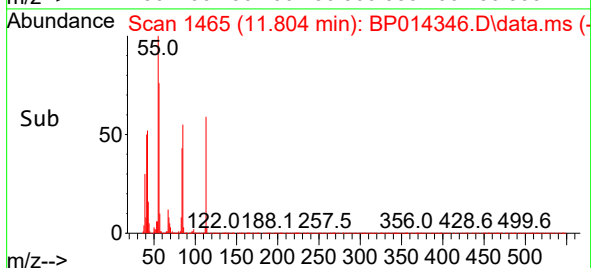
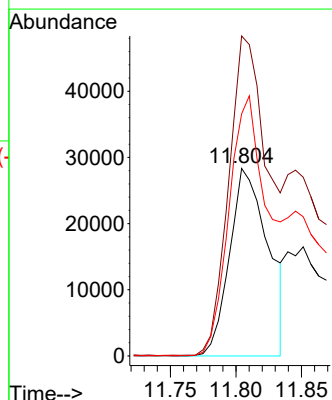
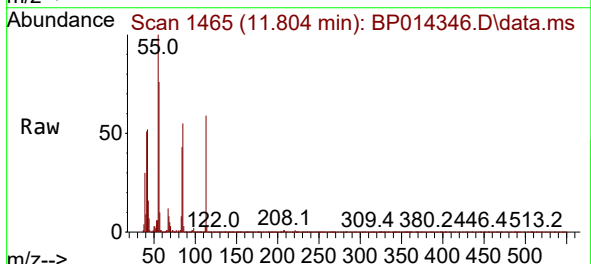
Instrument :
BNA_P
ClientSampleId :
SLCS699

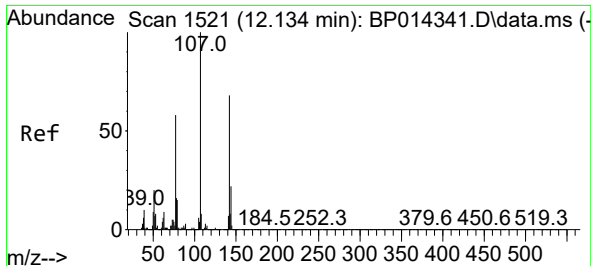
Tgt Ion:225 Resp: 240718
Ion Ratio Lower Upper
225 100
223 61.2 49.3 73.9
227 63.4 49.6 74.4



#34
Caprolactam
Concen: 20.948 ng/ul
RT: 11.804 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:113 Resp: 58069
Ion Ratio Lower Upper
113 100
55 170.6 131.2 196.8
56 129.0 101.1 151.7

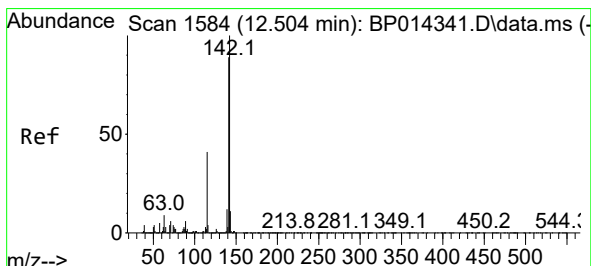
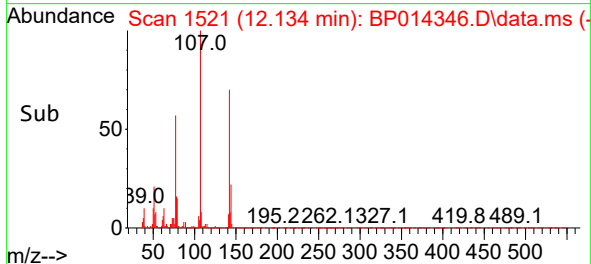
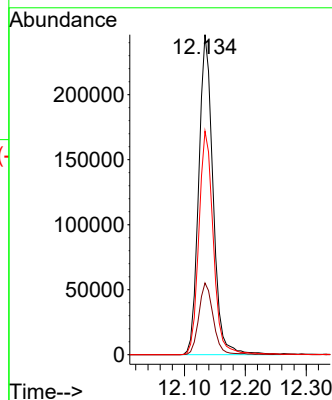
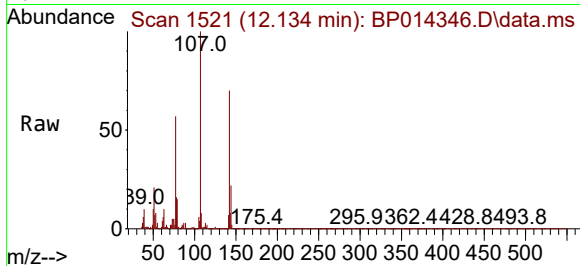




#35
4-Chloro-3-methylphenol
Concen: 34.836 ng/ul
RT: 12.134 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

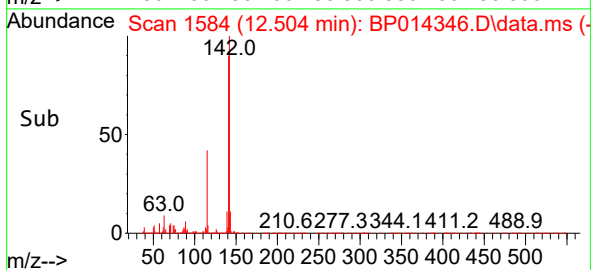
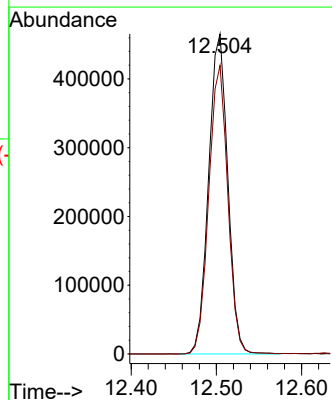
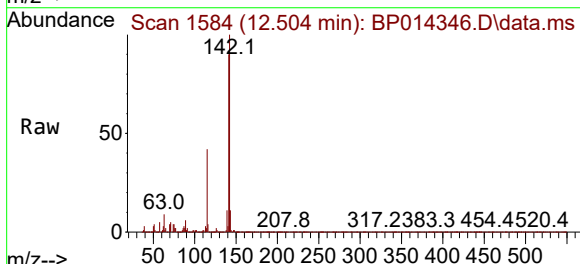
Instrument :
BNA_P
ClientSampleId :
SLCS699

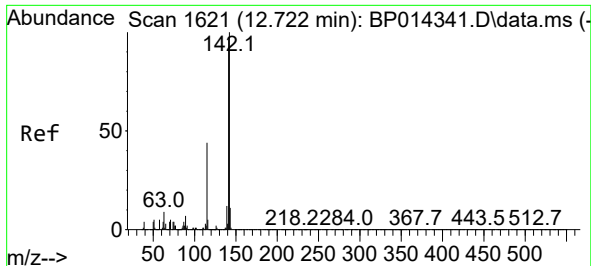
Tgt Ion:107 Resp: 402052
Ion Ratio Lower Upper
107 100
144 22.4 17.3 25.9
142 69.9 54.6 81.8



#36
2-Methylnaphthalene
Concen: 33.993 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:142 Resp: 726742
Ion Ratio Lower Upper
142 100
141 90.2 71.6 107.4





#37

1-Methylnaphthalene

Concen: 35.237 ng/ul

RT: 12.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

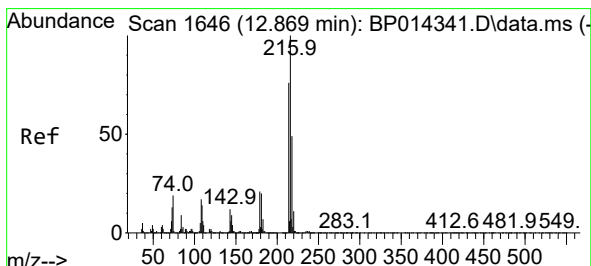
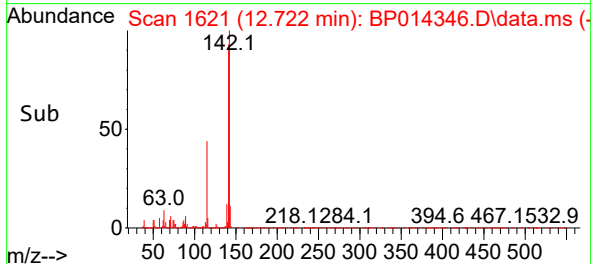
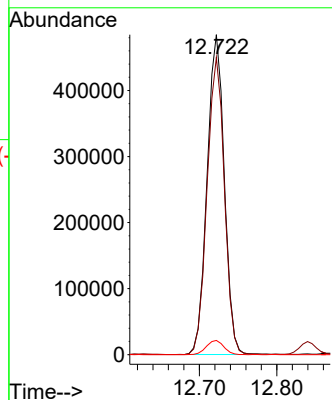
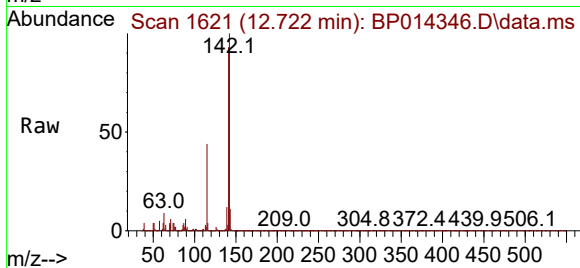
Tgt Ion:142 Resp: 747124

Ion Ratio Lower Upper

142 100

141 92.9 76.6 114.8

116 4.5 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.672 ng/ul

RT: 12.869 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Tgt Ion:216 Resp: 448108

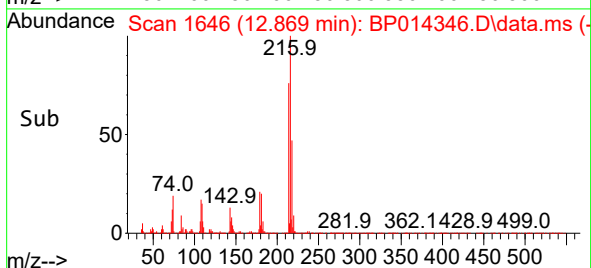
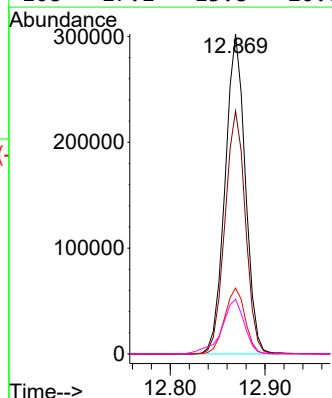
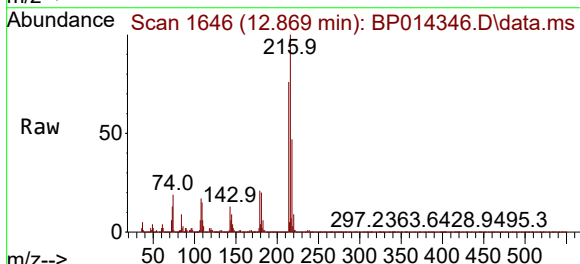
Ion Ratio Lower Upper

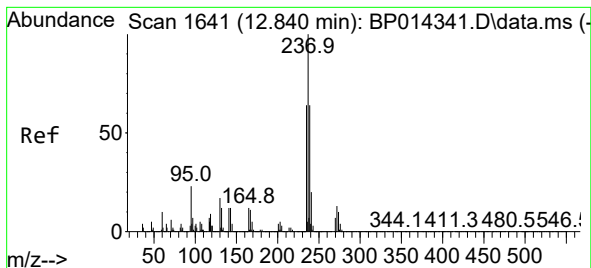
216 100

214 75.9 61.0 91.6

179 20.6 16.6 24.8

108 17.1 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 29.709 ng/ul

RT: 12.840 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

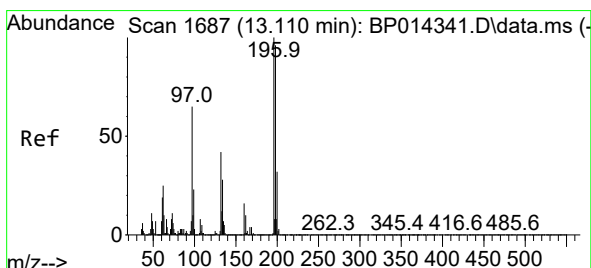
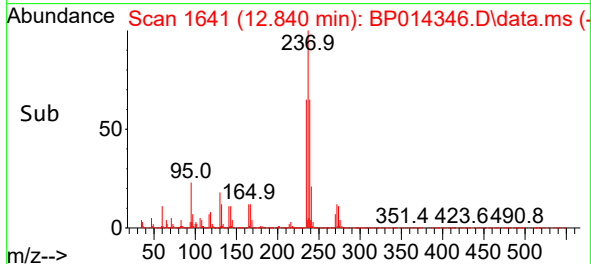
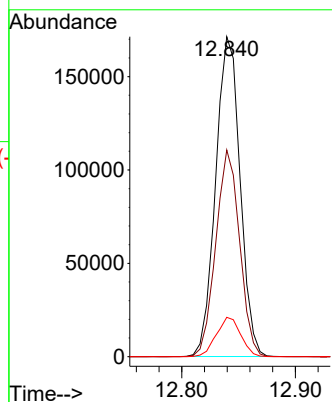
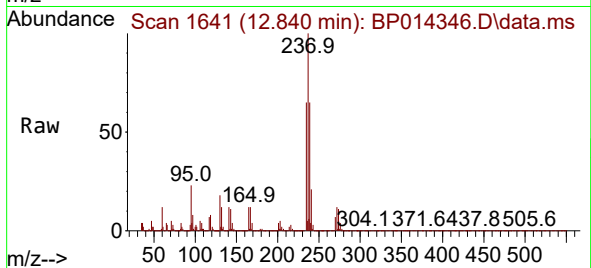
Tgt Ion:237 Resp: 256038

Ion Ratio Lower Upper

237 100

235 64.6 51.0 76.4

272 12.3 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 34.901 ng/ul

RT: 13.110 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

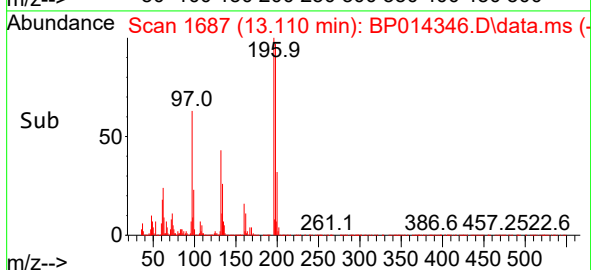
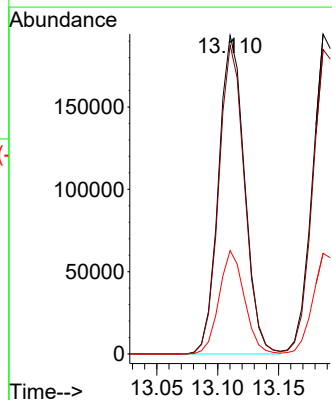
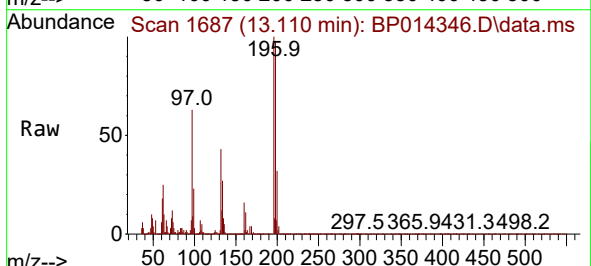
Tgt Ion:196 Resp: 287413

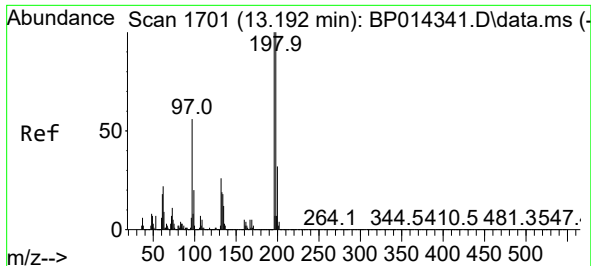
Ion Ratio Lower Upper

196 100

198 97.0 76.6 114.8

200 32.4 25.4 38.2

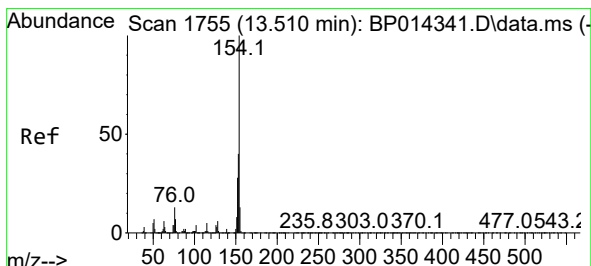
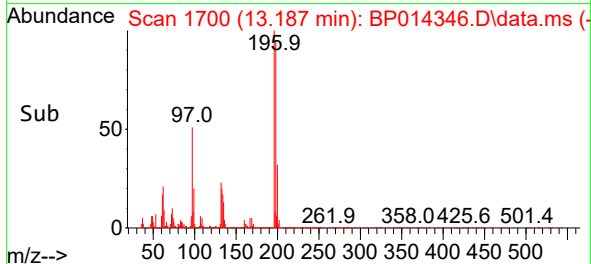
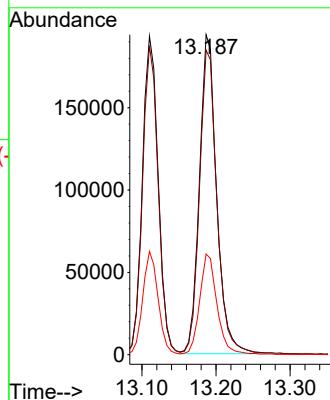
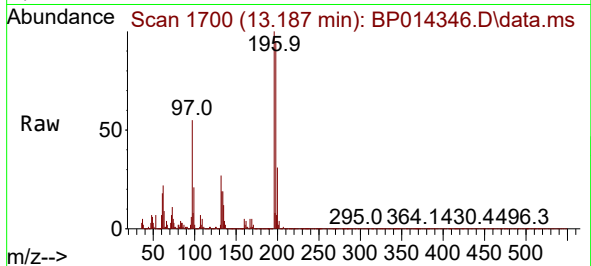




#42
2,4,5-Trichlorophenol
Concen: 35.710 ng/ul
RT: 13.187 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

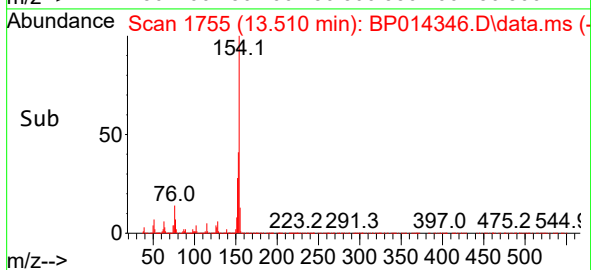
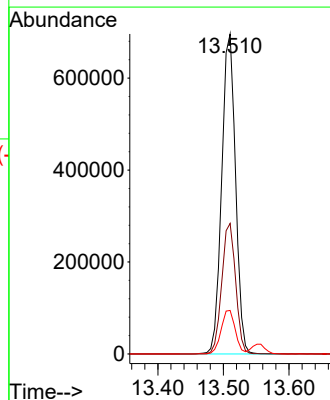
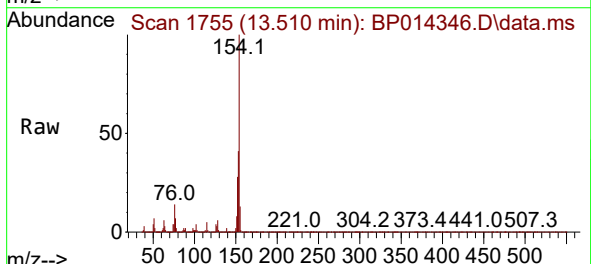
Instrument :
BNA_P
ClientSampleId :
SLCS699

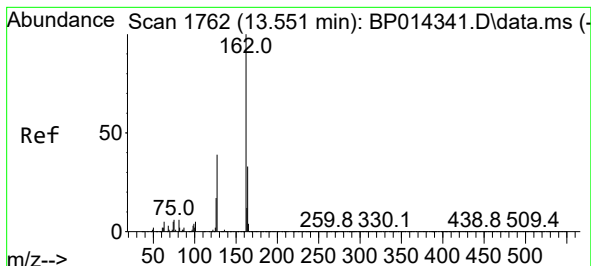
Tgt Ion:196 Resp: 313071
Ion Ratio Lower Upper
196 100
198 95.2 79.8 119.8
200 31.5 25.6 38.4



#43
1,1'-Biphenyl
Concen: 33.657 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:154 Resp: 1014971
Ion Ratio Lower Upper
154 100
153 40.8 32.4 48.6
76 13.6 10.7 16.1

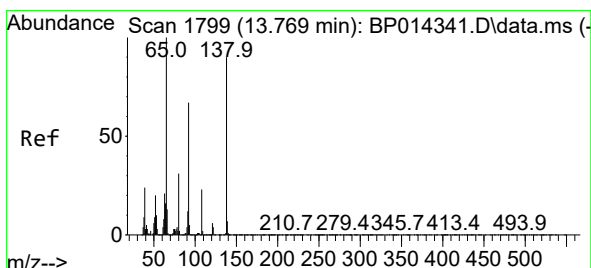
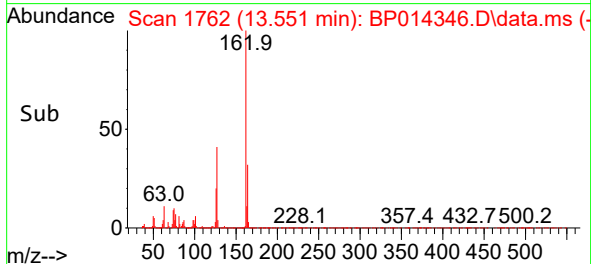
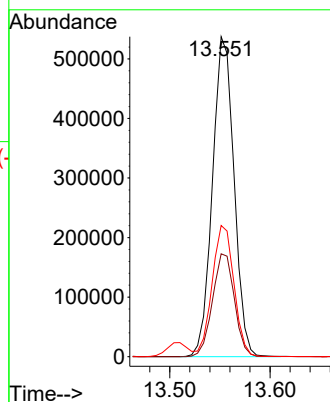
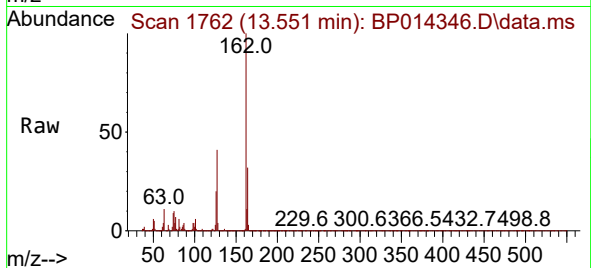




#44
2-Chloronaphthalene
Concen: 33.616 ng/ul
RT: 13.551 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

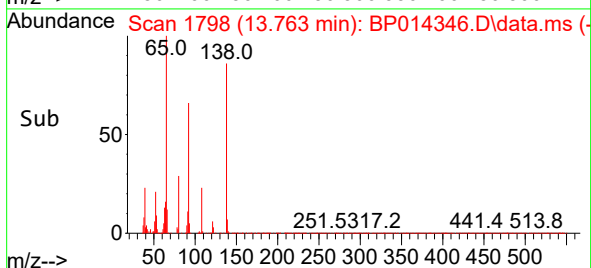
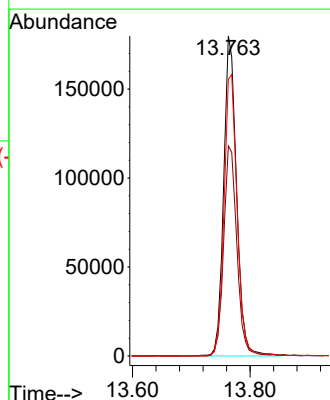
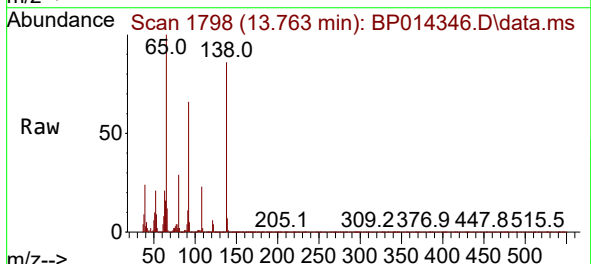
Instrument :
BNA_P
ClientSampleId :
SLCS699

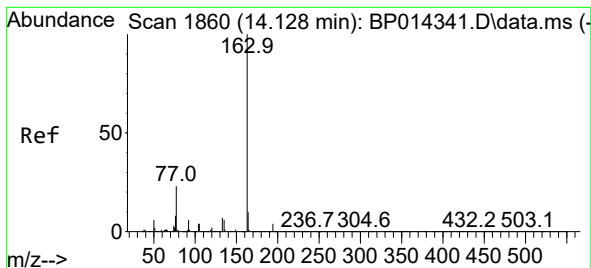
Tgt Ion:162 Resp: 801529
Ion Ratio Lower Upper
162 100
164 32.2 26.1 39.1
127 41.0 33.7 50.5



#45
2-Nitroaniline
Concen: 37.058 ng/ul
RT: 13.763 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion: 65 Resp: 273642
Ion Ratio Lower Upper
65 100
92 65.6 53.7 80.5
138 86.5 71.7 107.5





#47

Dimethylphthalate

Concen: 35.154 ng/ul

RT: 14.128 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

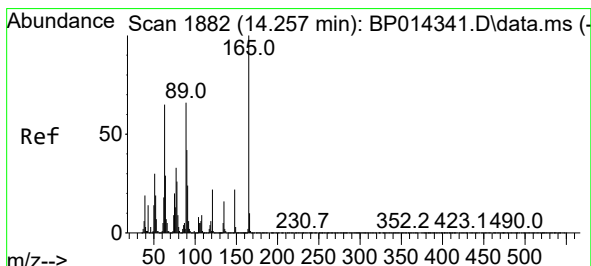
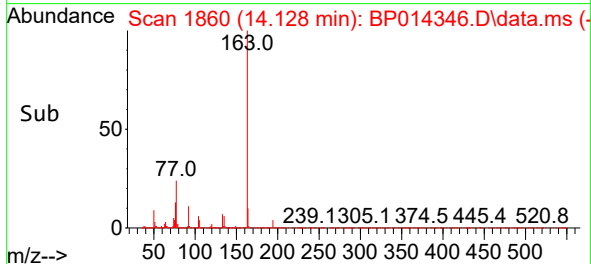
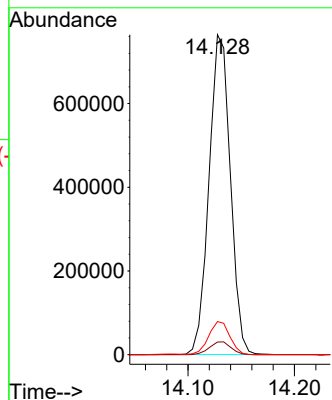
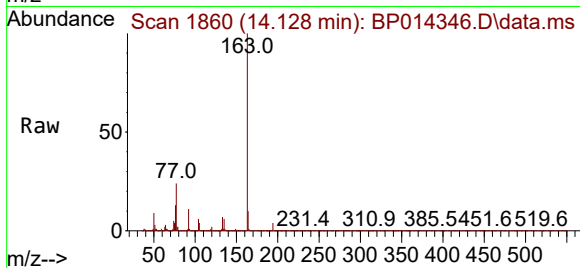
Tgt Ion:163 Resp: 1063761

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: 37.109 ng/ul

RT: 14.257 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

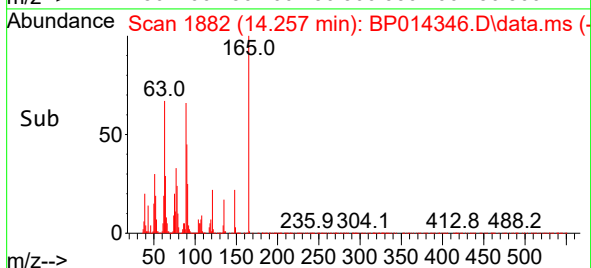
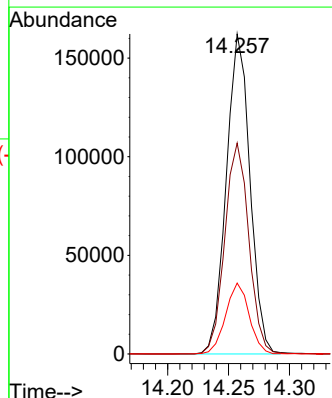
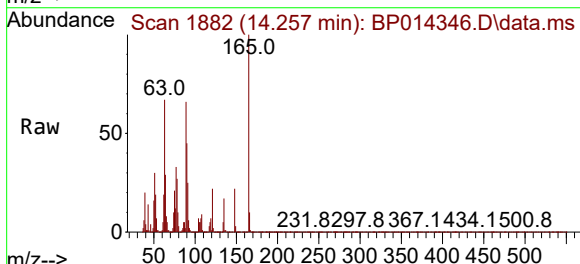
Tgt Ion:165 Resp: 219388

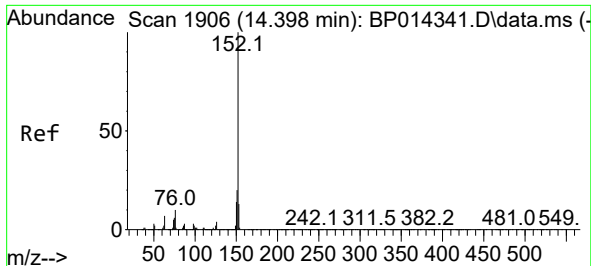
Ion Ratio Lower Upper

165 100

89 65.9 52.7 79.1

121 22.2 17.9 26.9

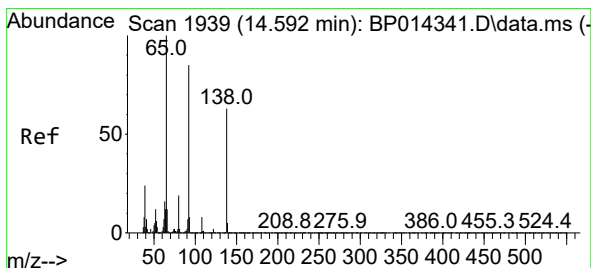
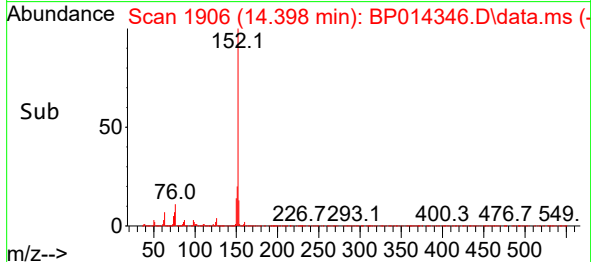
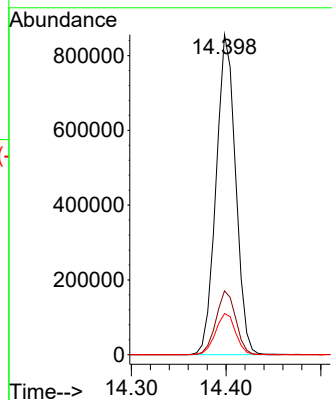
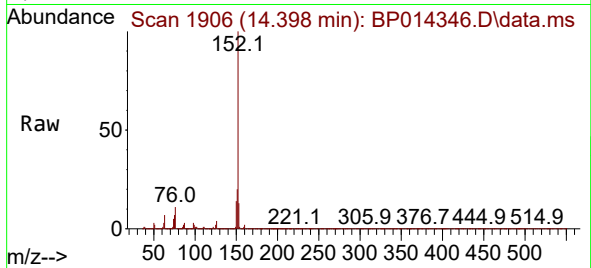




#50
Acenaphthylene
Concen: 34.291 ng/ul
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

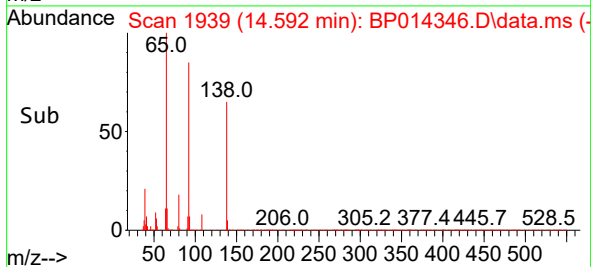
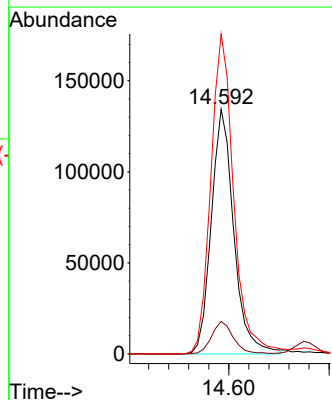
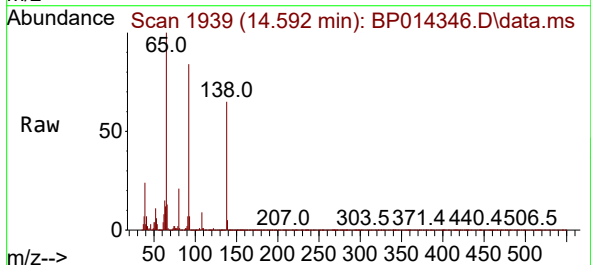
Instrument :
BNA_P
ClientSampleId :
SLCS699

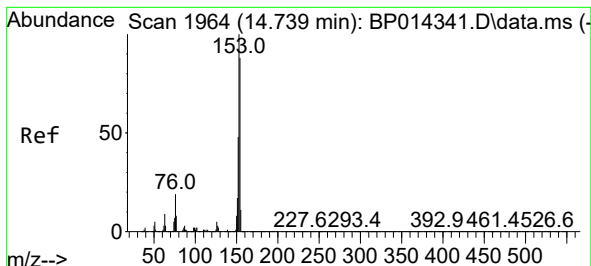
Tgt Ion:152 Resp: 1226399
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.8 10.2 15.4



#51
3-Nitroaniline
Concen: 39.554 ng/ul
RT: 14.592 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:138 Resp: 209495
Ion Ratio Lower Upper
138 100
108 13.3 9.9 14.9
92 130.7 107.6 161.4





#52

Acenaphthene

Concen: 33.739 ng/ul

RT: 14.739 min Scan# 1964

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

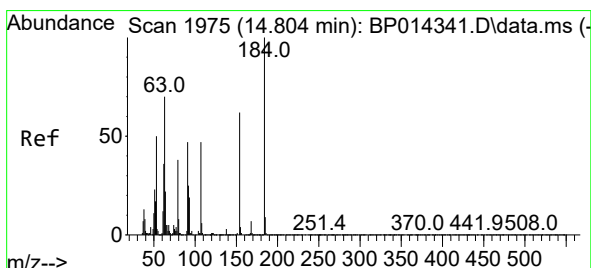
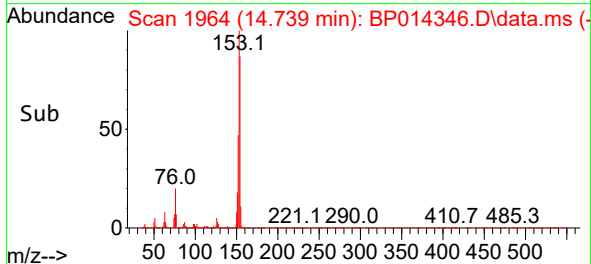
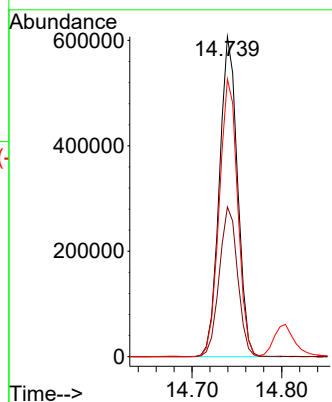
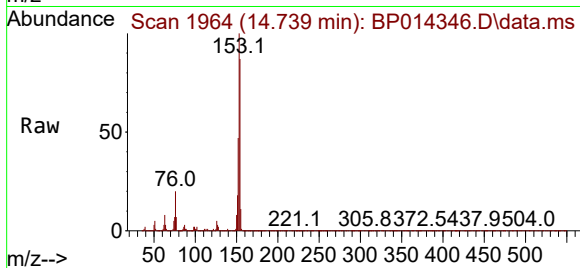
Tgt Ion:153 Resp: 852682

Ion Ratio Lower Upper

153 100

152 46.8 38.2 57.4

154 86.7 70.2 105.2



#53

2,4-Dinitrophenol

Concen: 36.531 ng/ul

RT: 14.804 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

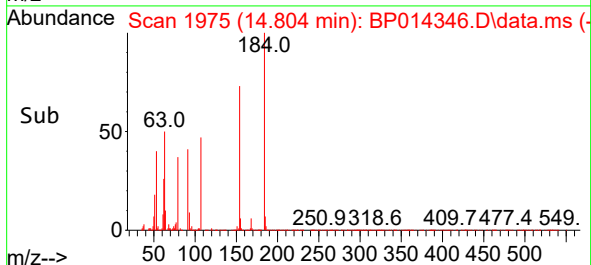
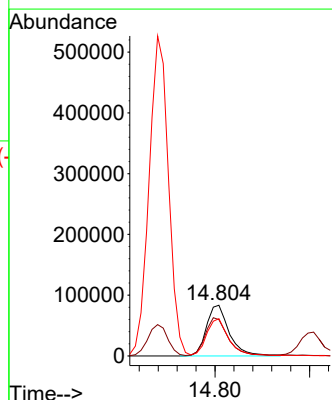
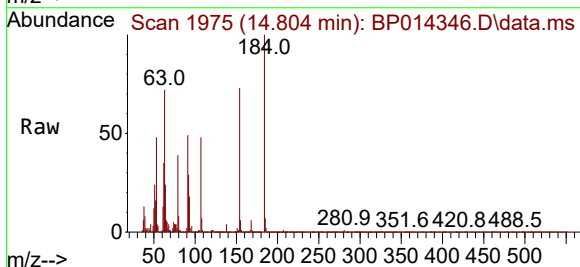
Tgt Ion:184 Resp: 139857

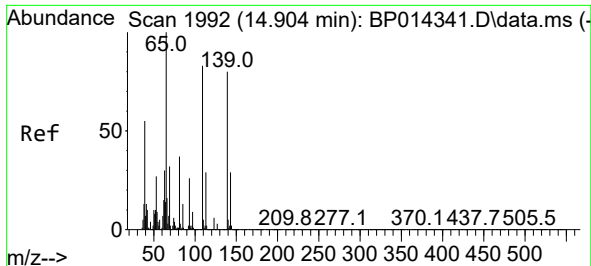
Ion Ratio Lower Upper

184 100

63 71.5 57.1 85.7

154 73.3 55.3 82.9

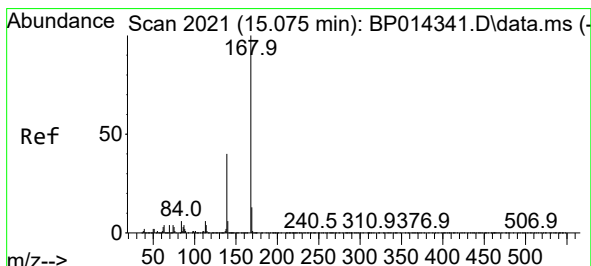
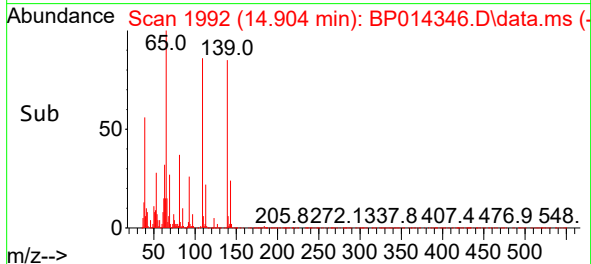
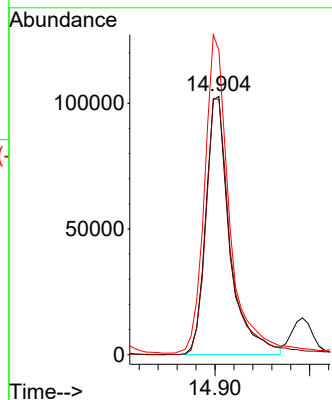
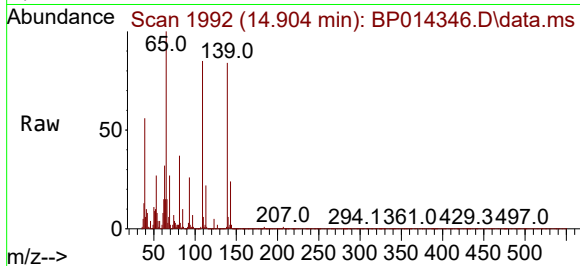




#55
4-Nitrophenol
Concen: 39.977 ng/ul
RT: 14.904 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

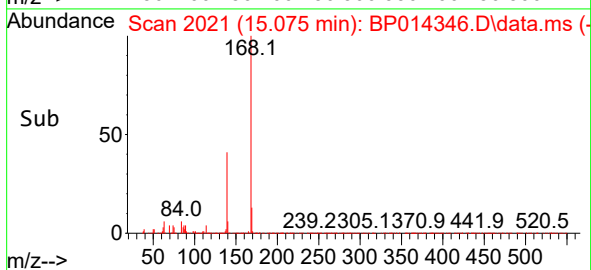
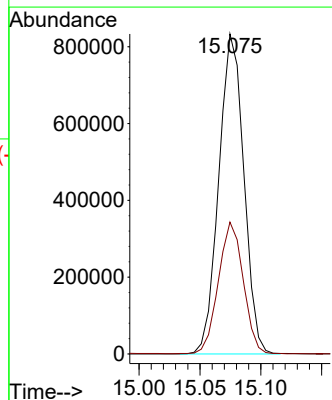
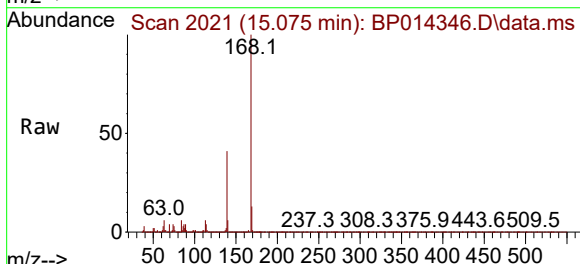
Instrument :
BNA_P
ClientSampleId :
SLCS699

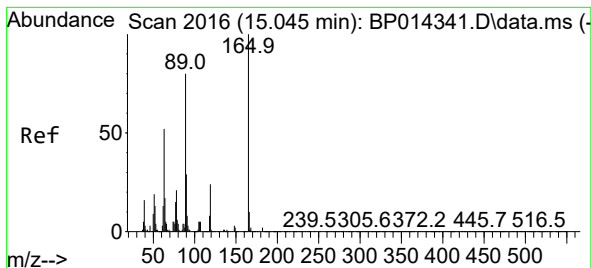
Tgt Ion:109 Resp: 180391
Ion Ratio Lower Upper
109 100
139 98.9 77.4 116.2
65 117.8 97.3 145.9



#56
Dibenzofuran
Concen: 33.514 ng/ul
RT: 15.075 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:168 Resp: 1190674
Ion Ratio Lower Upper
168 100
139 41.2 32.1 48.1

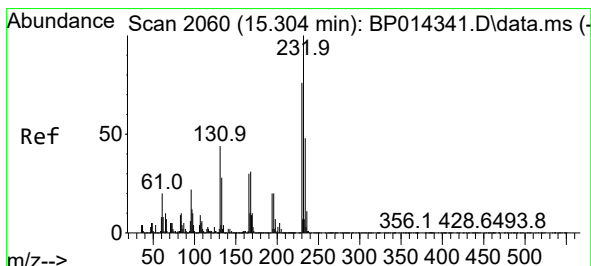
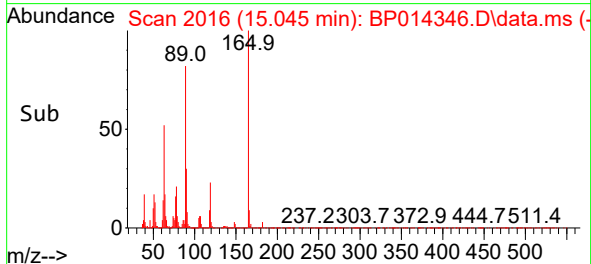
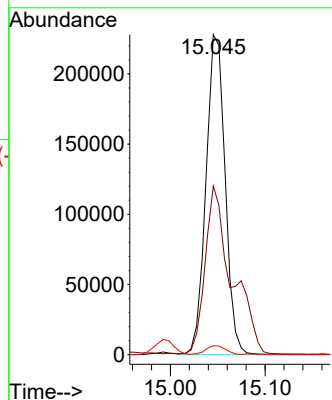
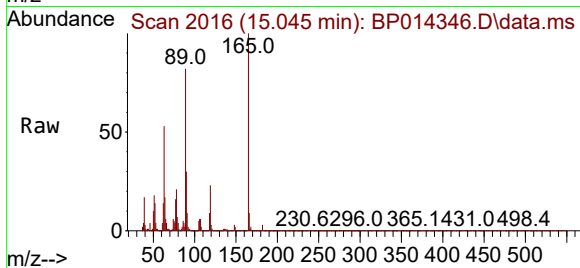




#57
2,4-Dinitrotoluene
Concen: 38.226 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

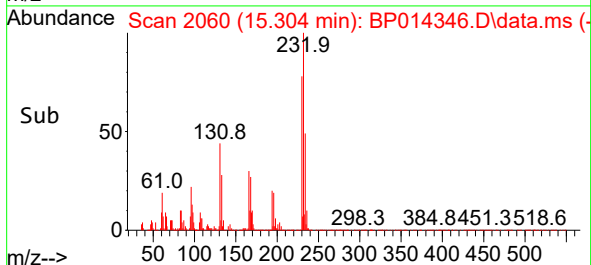
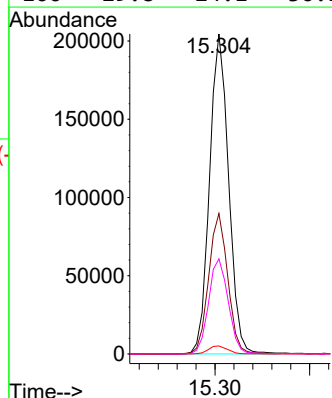
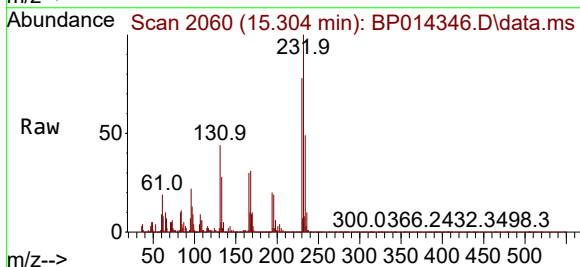
Instrument :
BNA_P
ClientSampleId :
SLCS699

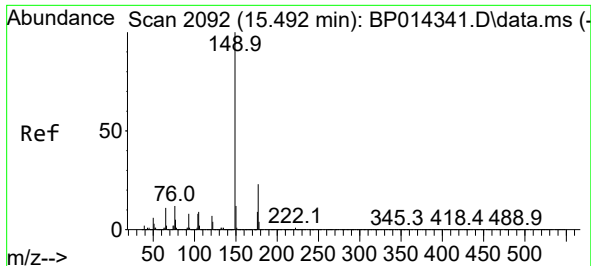
Tgt Ion:165 Resp: 320566
Ion Ratio Lower Upper
165 100
63 52.7 41.6 62.4
182 2.8 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.254 ng/ul
RT: 15.304 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:232 Resp: 285668
Ion Ratio Lower Upper
232 100
131 43.9 35.0 52.4
130 2.5 1.9 2.9
166 29.8 24.1 36.1

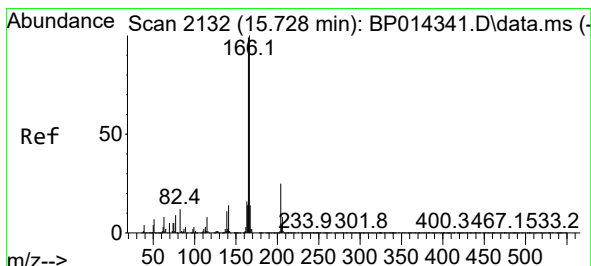
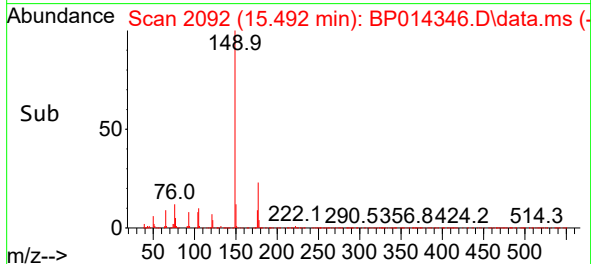
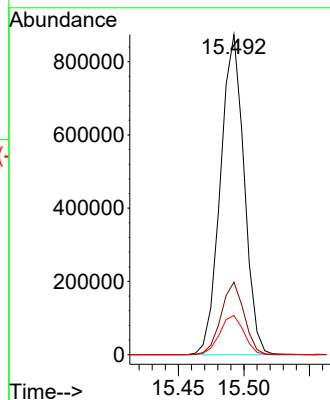
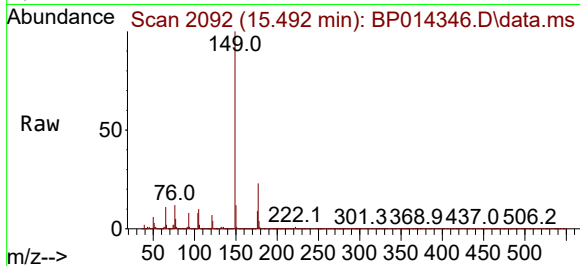




#59
Diethylphthalate
Concen: 36.403 ng/ul
RT: 15.492 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

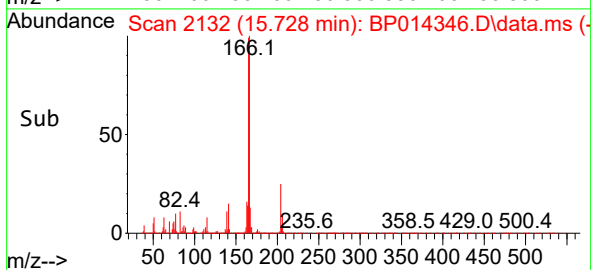
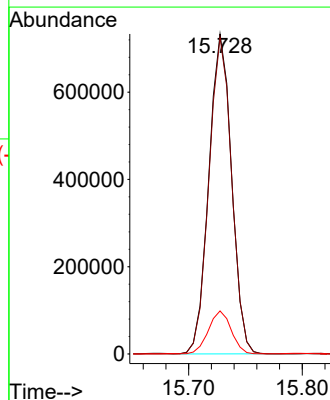
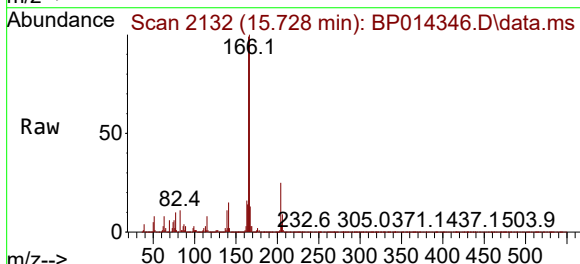
Instrument :
BNA_P
ClientSampleId :
SLCS699

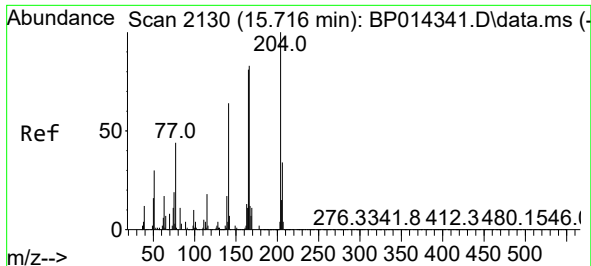
Tgt Ion:149 Resp: 1094637
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.2 9.8 14.8



#61
Fluorene
Concen: 35.461 ng/ul
RT: 15.728 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:166 Resp: 1021162
Ion Ratio Lower Upper
166 100
165 98.9 79.2 118.8
167 13.5 11.0 16.4

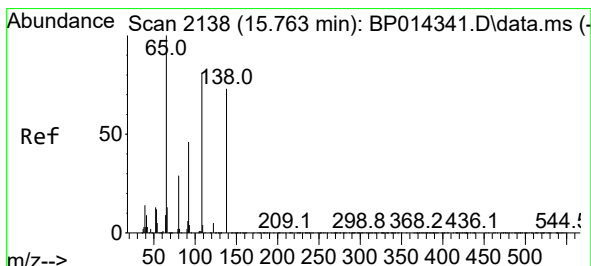
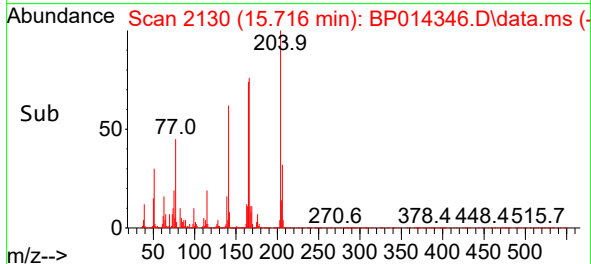
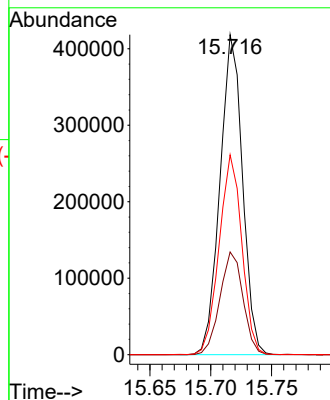
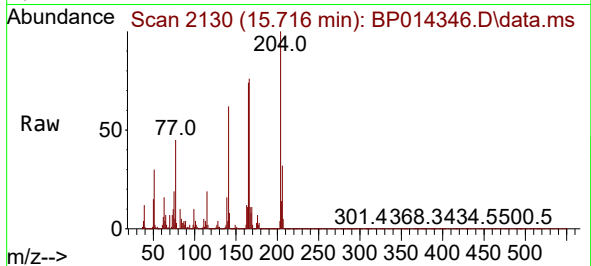




#62
4-Chlorophenyl-phenylether
Concen: 34.843 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

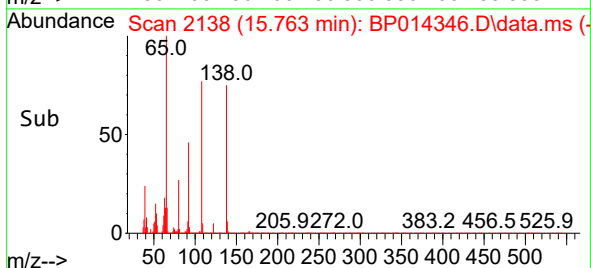
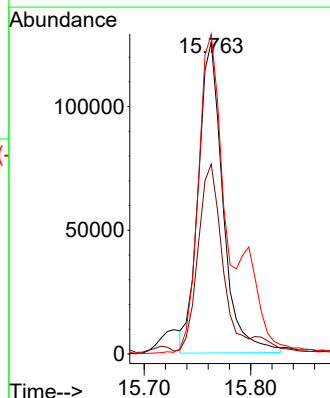
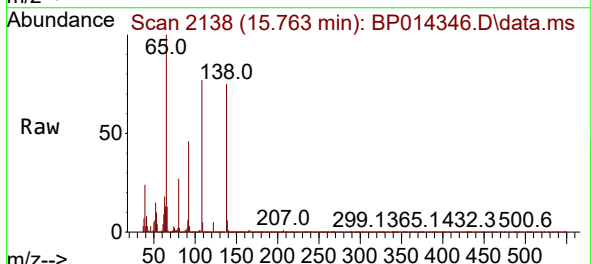
Instrument :
BNA_P
ClientSampleId :
SLCS699

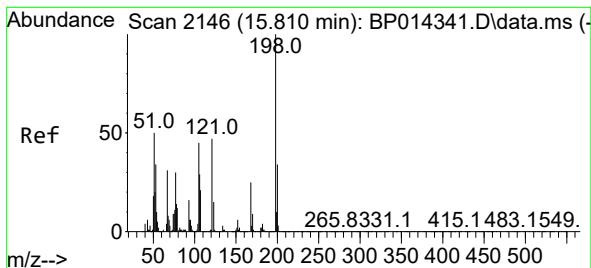
Tgt Ion:204 Resp: 539060
Ion Ratio Lower Upper
204 100
206 32.1 26.9 40.3
141 62.5 51.3 76.9



#63
4-Nitroaniline
Concen: 46.923 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:138 Resp: 201926
Ion Ratio Lower Upper
138 100
92 60.8 47.8 71.6
108 102.6 82.3 123.5

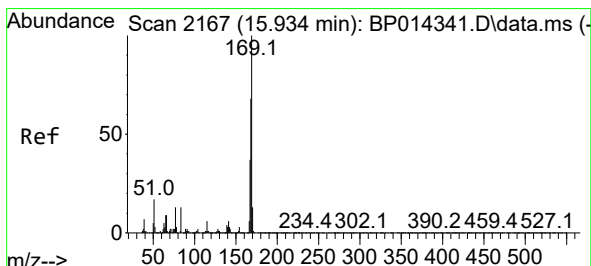
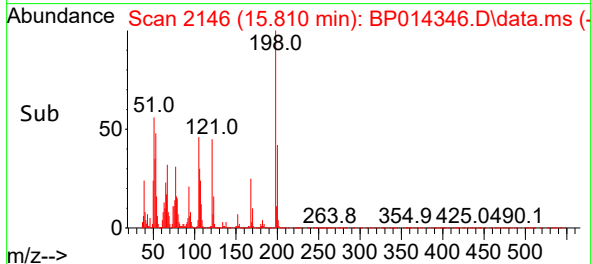
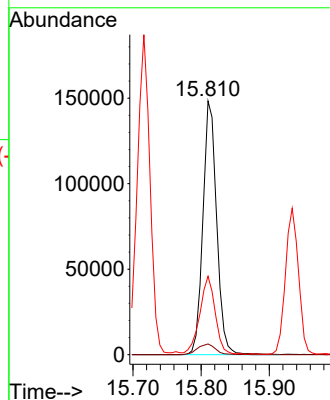
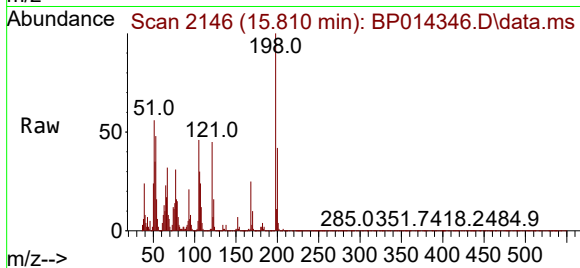




#66
4,6-Dinitro-2-methylphenol
Concen: 35.210 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

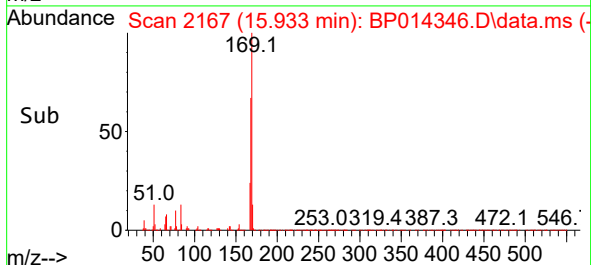
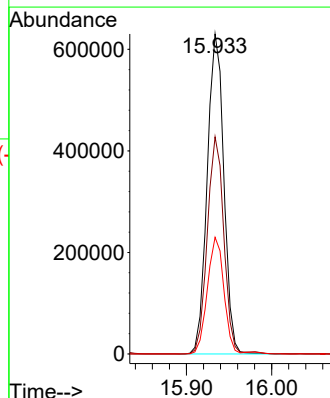
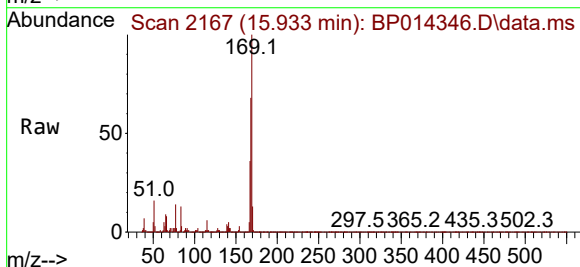
Instrument :
BNA_P
ClientSampleId :
SLCS699

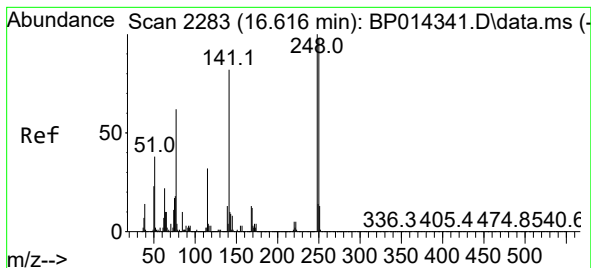
Tgt Ion:198 Resp: 208653
Ion Ratio Lower Upper
198 100
182 4.3 3.5 5.3
77 30.9 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 33.028 ng/ul
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:169 Resp: 853987
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.2
167 36.5 29.4 44.2

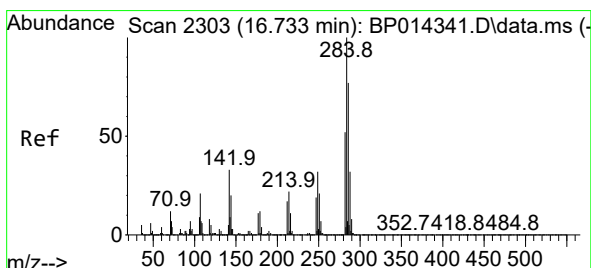
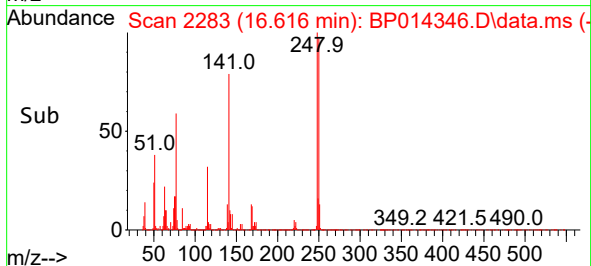
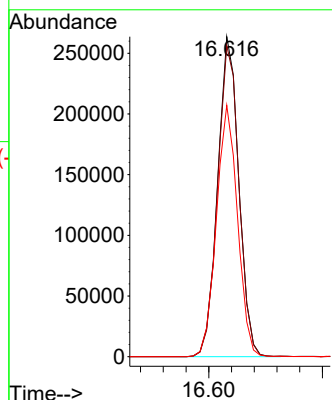
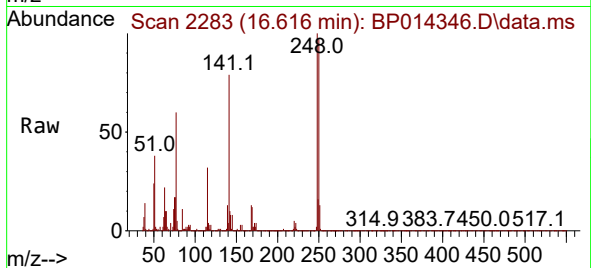




#68
4-Bromophenyl-phenylether
Concen: 32.972 ng/ul
RT: 16.616 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

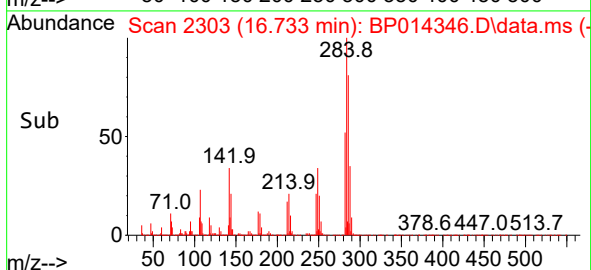
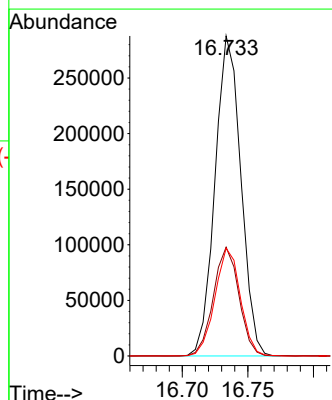
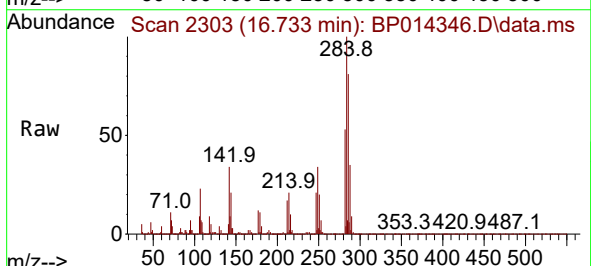
Instrument :
BNA_P
ClientSampleId :
SLCS699

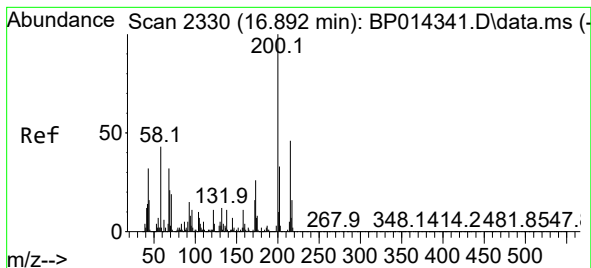
Tgt Ion:248 Resp: 340968
Ion Ratio Lower Upper
248 100
250 97.2 78.1 117.1
141 78.6 66.0 99.0



#69
Hexachlorobenzene
Concen: 33.187 ng/ul
RT: 16.733 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:284 Resp: 394207
Ion Ratio Lower Upper
284 100
142 34.0 26.6 39.8
249 33.6 25.7 38.5





#70

Atrazine

Concen: 26.432 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

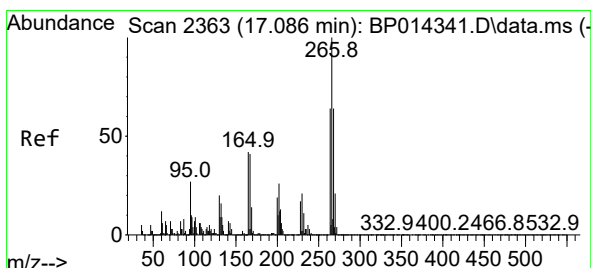
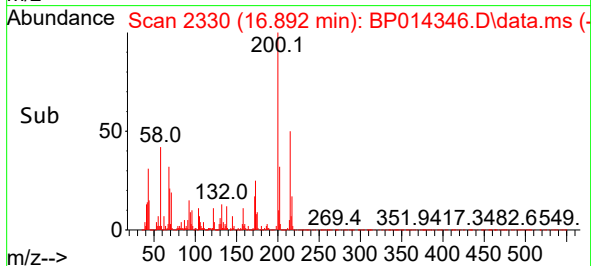
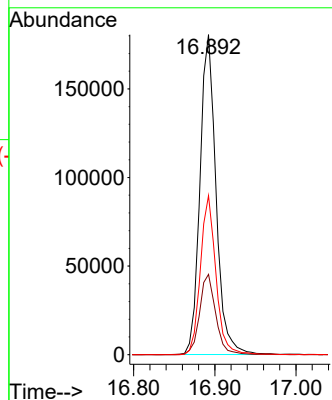
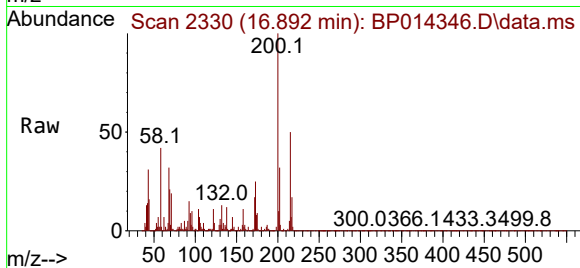
Tgt Ion:200 Resp: 248794

Ion Ratio Lower Upper

200 100

173 25.1 20.6 30.8

215 49.7 37.2 55.8



#71

Pentachlorophenol

Concen: 33.350 ng/ul

RT: 17.086 min Scan# 2363

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

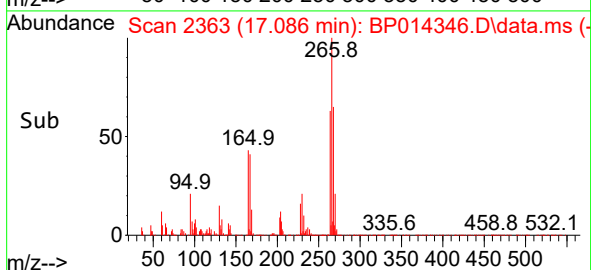
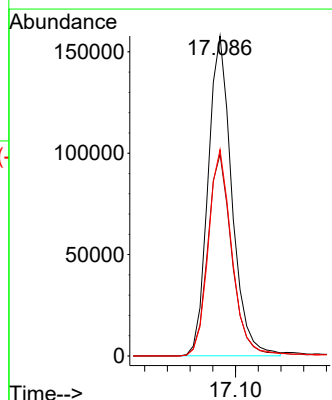
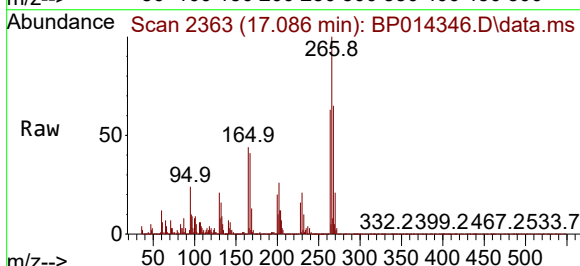
Tgt Ion:266 Resp: 229493

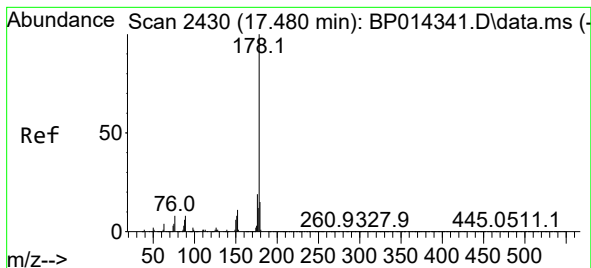
Ion Ratio Lower Upper

266 100

264 63.0 51.0 76.4

268 64.5 51.4 77.2





#72

Phenanthrene

Concen: 34.389 ng/ul

RT: 17.480 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

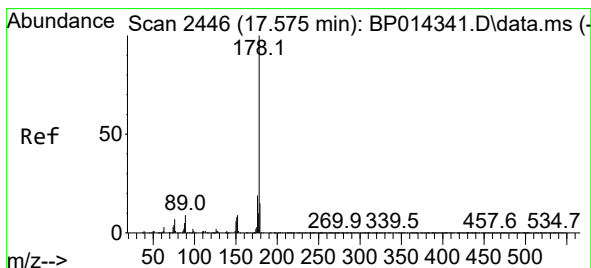
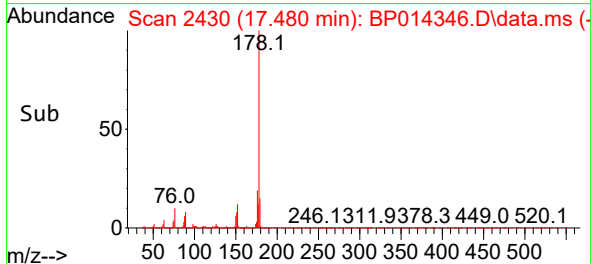
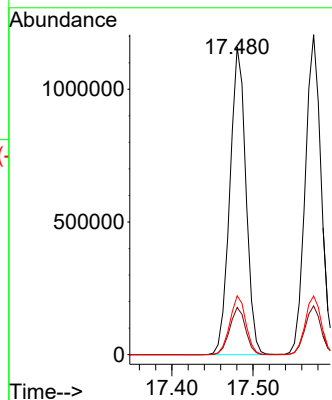
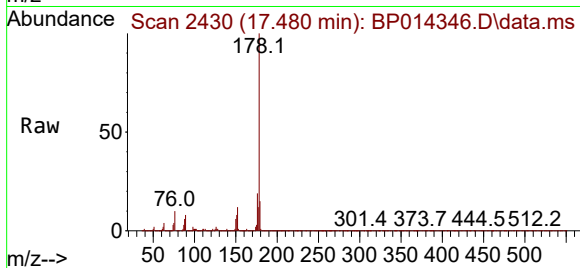
Tgt Ion:178 Resp: 1589960

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.1 15.3 22.9



#74

Anthracene

Concen: 35.175 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

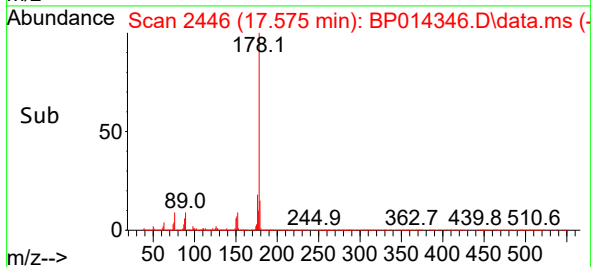
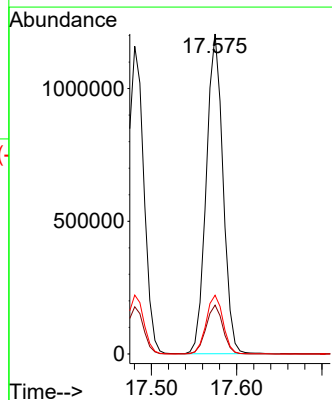
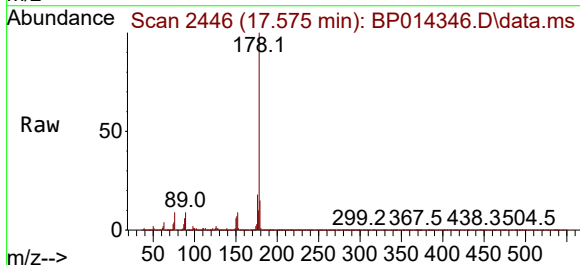
Tgt Ion:178 Resp: 1639073

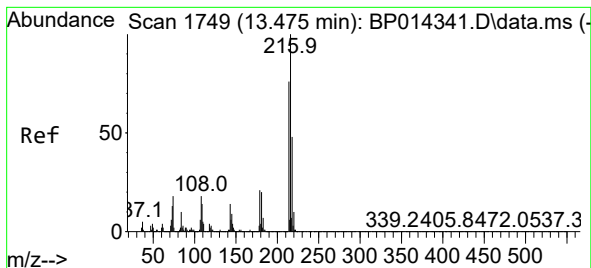
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.4 14.9 22.3

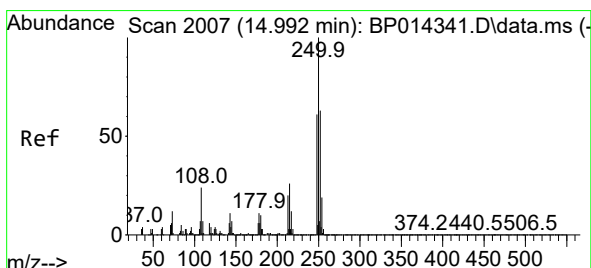
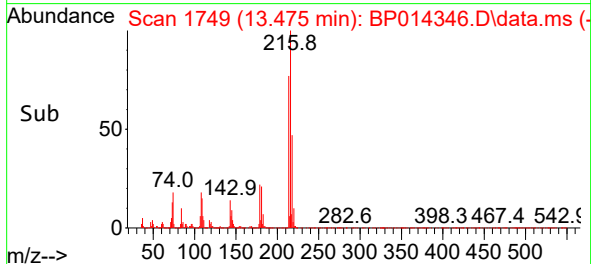
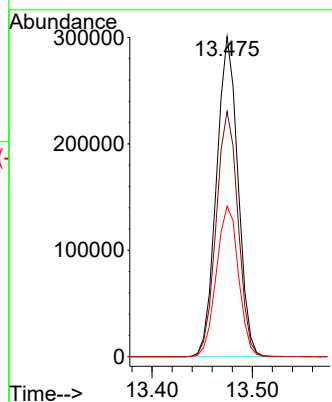
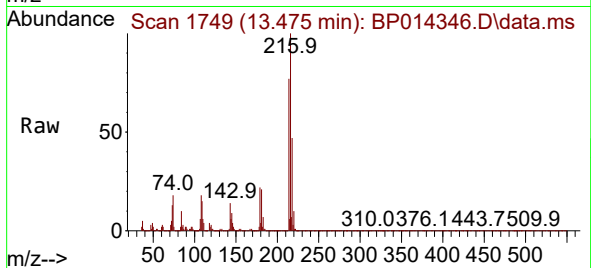




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.504 ng/uL
RT: 13.475 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

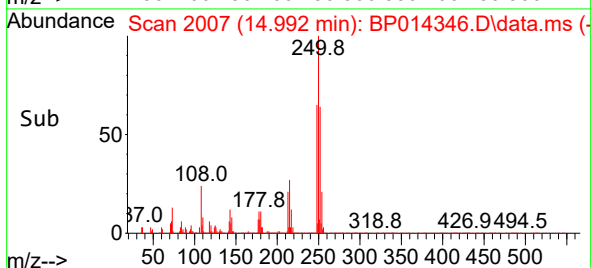
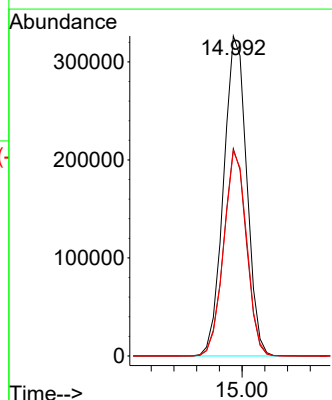
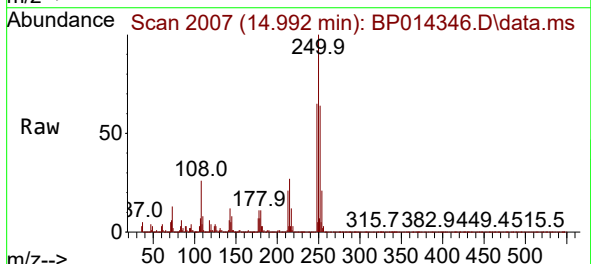
Instrument :
BNA_P
ClientSampleId :
SLCS699

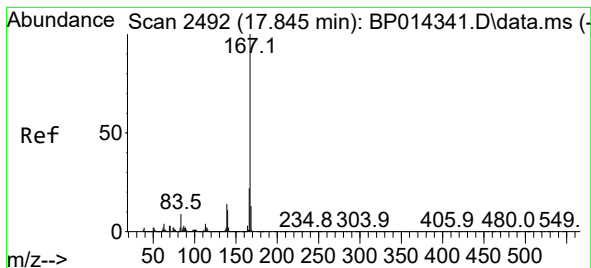
Tgt Ion:216 Resp: 446221
Ion Ratio Lower Upper
216 100
214 76.7 61.0 91.6
218 47.0 38.7 58.1



#76
Pentachlorobenzene
Concen: 31.609 ng/uL
RT: 14.992 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:250 Resp: 461378
Ion Ratio Lower Upper
250 100
248 64.8 49.0 73.6
252 64.1 50.7 76.1





#77

Carbazole

Concen: 37.194 ng/ul

RT: 17.845 min Scan# 2492

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

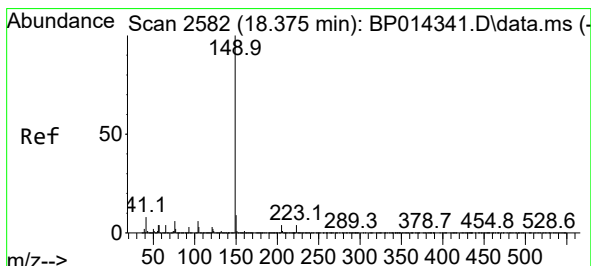
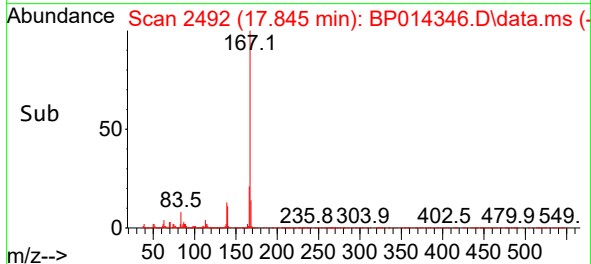
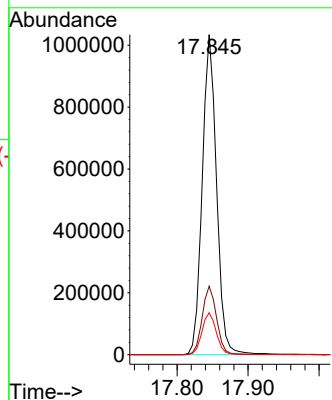
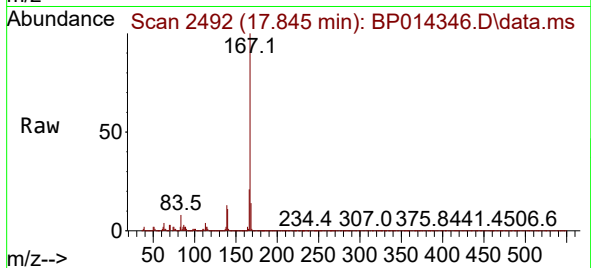
Tgt Ion:167 Resp: 1450403

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.1 11.3 16.9



#78

Di-n-butylphthalate

Concen: 38.226 ng/ul

RT: 18.375 min Scan# 2582

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

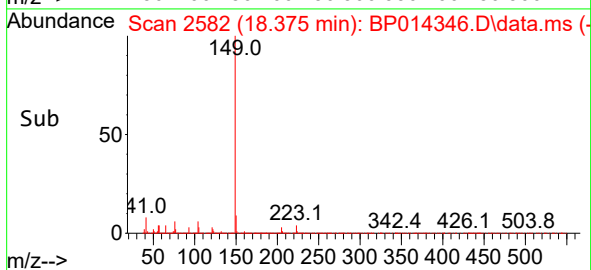
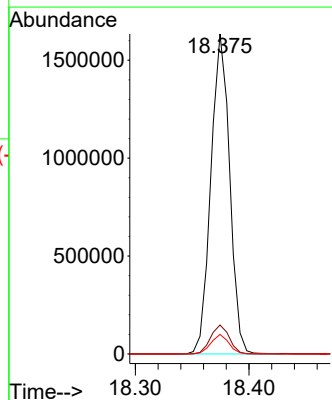
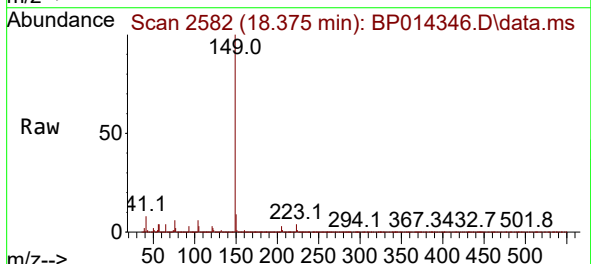
Tgt Ion:149 Resp: 1874345

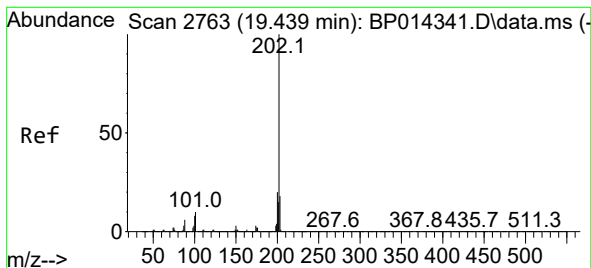
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 6.1 4.8 7.2





#80

Fluoranthene

Concen: 31.309 ng/ul

RT: 19.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

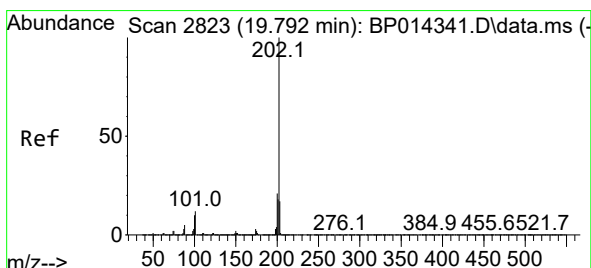
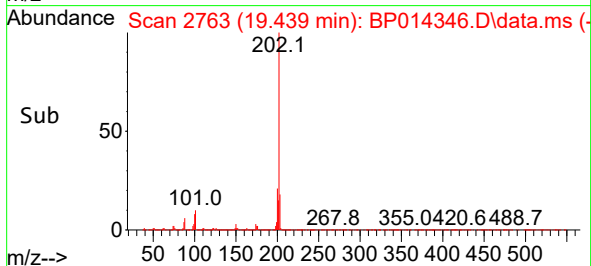
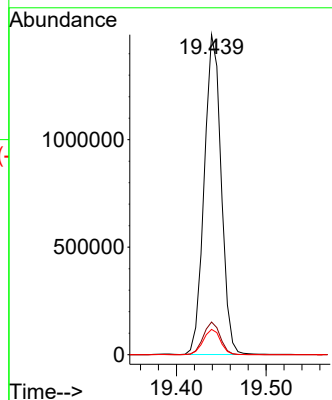
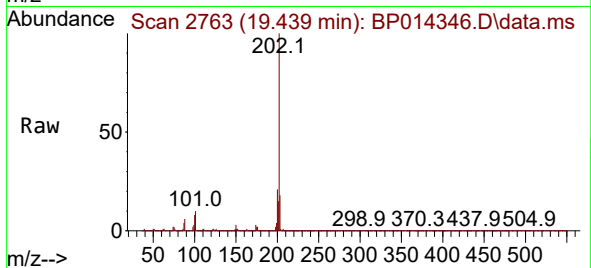
Tgt Ion:202 Resp: 1952342

Ion Ratio Lower Upper

202 100

101 10.2 8.2 12.2

100 7.9 6.4 9.6



#82

Pyrene

Concen: 31.689 ng/ul

RT: 19.792 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

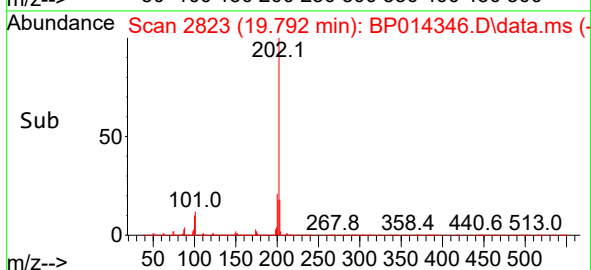
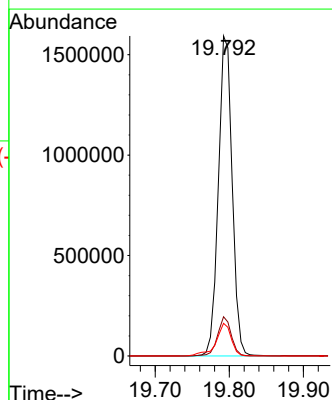
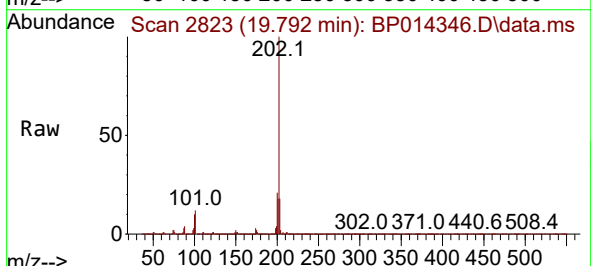
Tgt Ion:202 Resp: 2062997

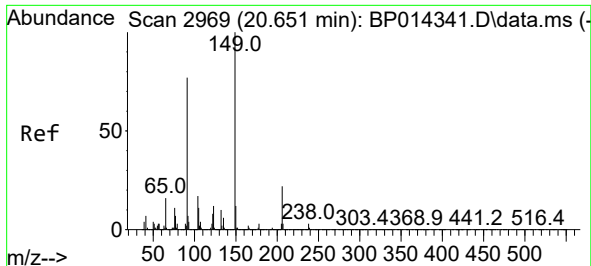
Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

100 10.2 8.0 12.0

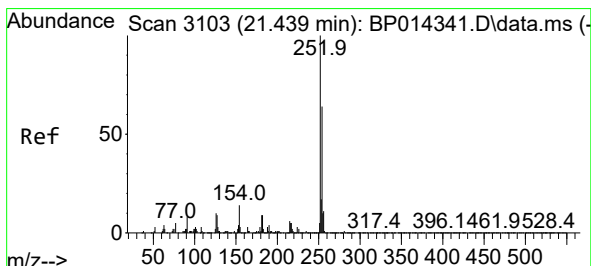
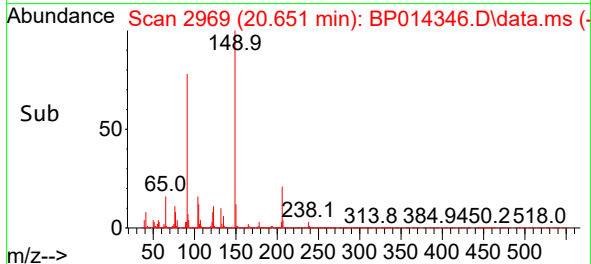
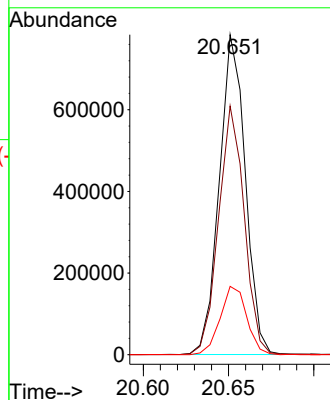
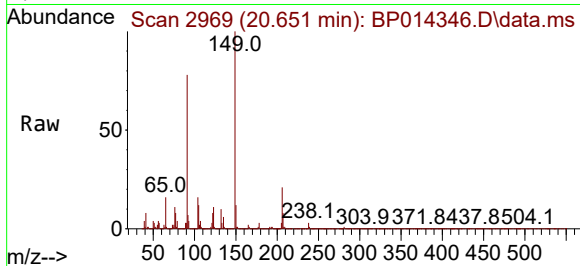




#83
Butylbenzylphthalate
Concen: 37.119 ng/ul
RT: 20.651 min Scan# 2969
Delta R.T. -0.000 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

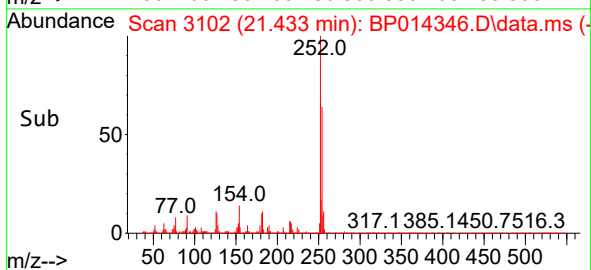
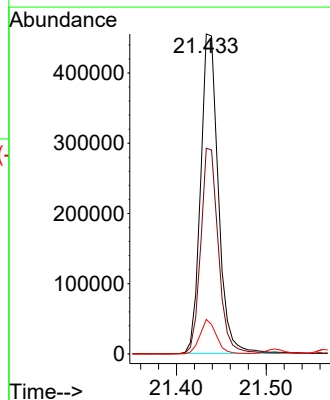
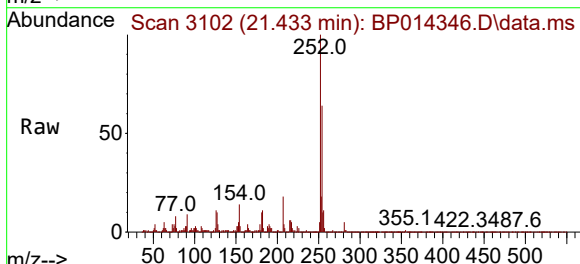
Instrument :
BNA_P
ClientSampleId :
SLCS699

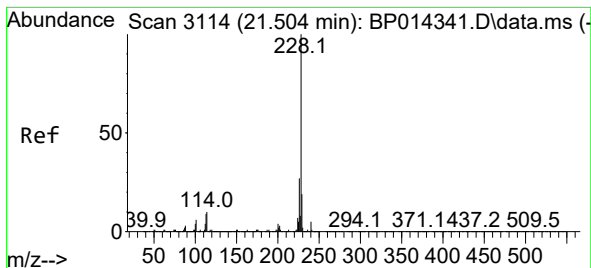
Tgt Ion:149 Resp: 832391
Ion Ratio Lower Upper
149 100
91 77.7 61.8 92.8
206 21.3 17.8 26.6



#84
3,3'-Dichlorobenzidine
Concen: 35.904 ng/ul
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP014346.D
Acq: 28 Mar 2023 16:24

Tgt Ion:252 Resp: 623452
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 10.8 7.8 11.6





#85

Benzo(a)anthracene

Concen: 34.762 ng/ul

RT: 21.510 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

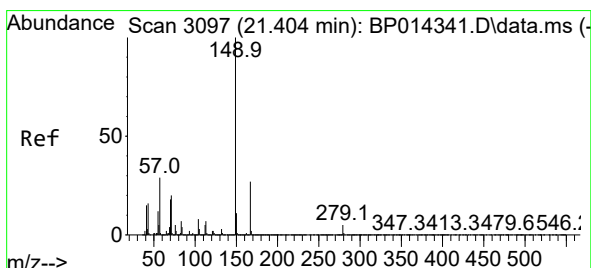
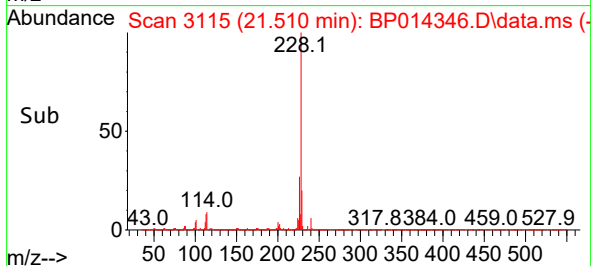
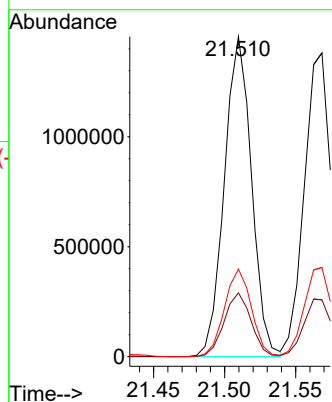
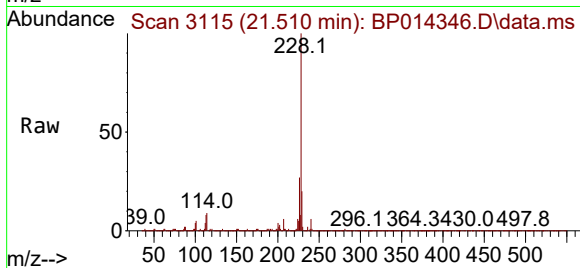
Tgt Ion:228 Resp: 1934110

Ion Ratio Lower Upper

228 100

229 19.9 15.6 23.4

226 27.4 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.182 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

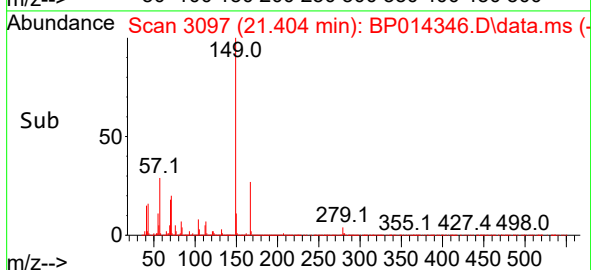
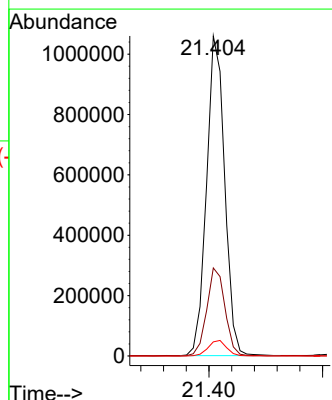
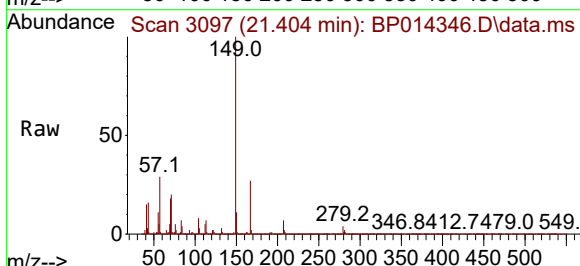
Tgt Ion:149 Resp: 1170839

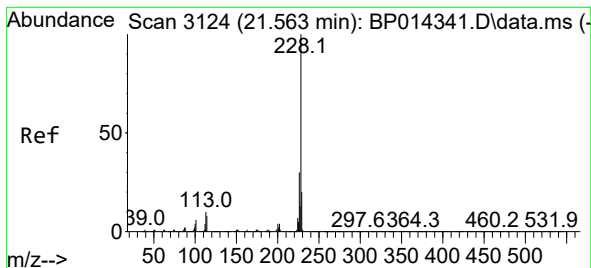
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 4.4 3.7 5.5





#87

Chrysene

Concen: 34.929 ng/ul

RT: 21.568 min Scan# 3124

Delta R.T. 0.006 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

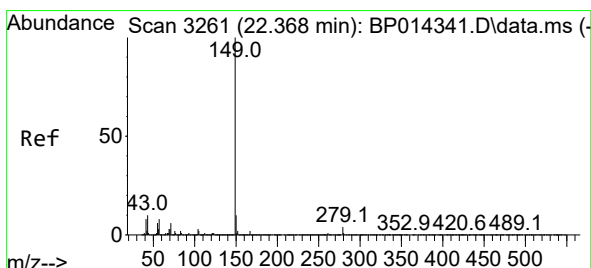
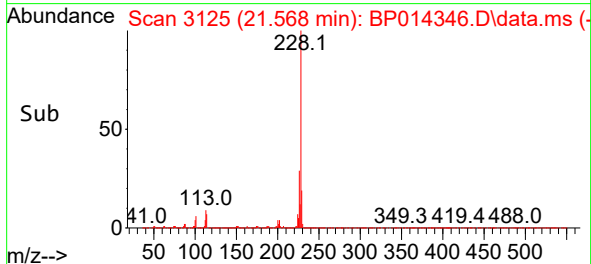
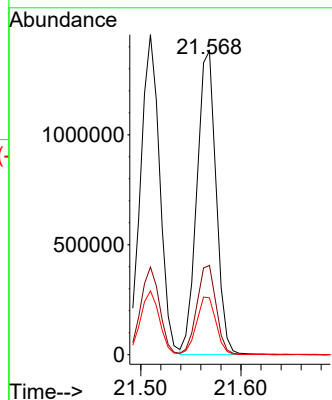
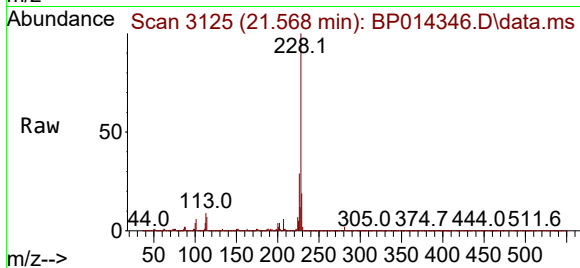
Tgt Ion:228 Resp: 1834987

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 18.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 41.958 ng/ul

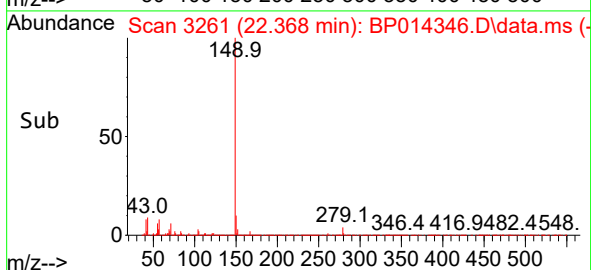
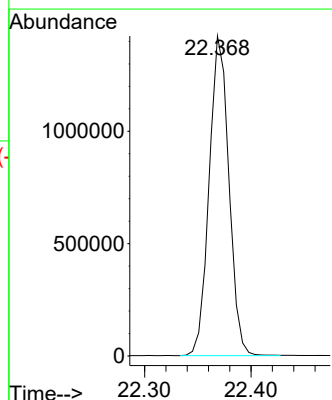
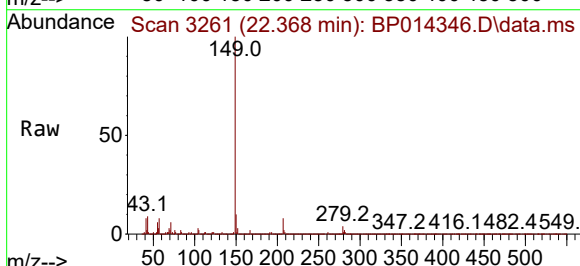
RT: 22.368 min Scan# 3261

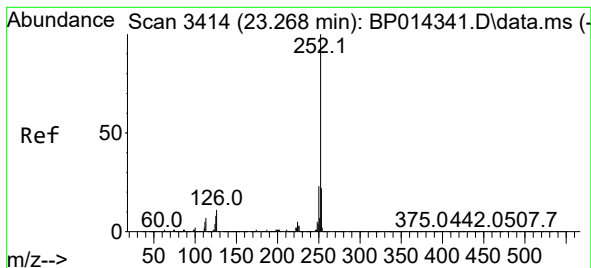
Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Tgt Ion:149 Resp: 1829407





#90

Benzo(b)fluoranthene

Concen: 36.894 ng/ul

RT: 23.274 min Scan# 3414

Delta R.T. 0.006 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

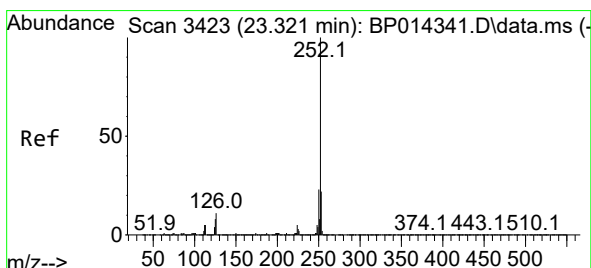
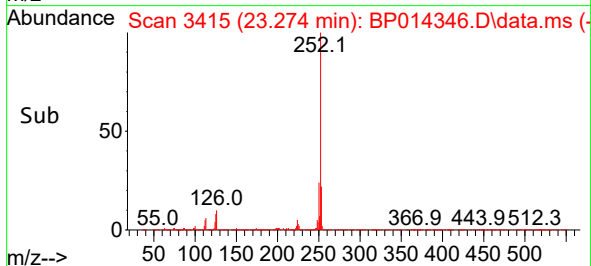
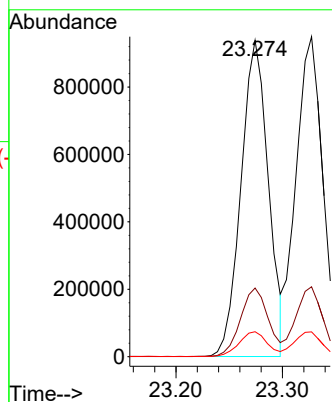
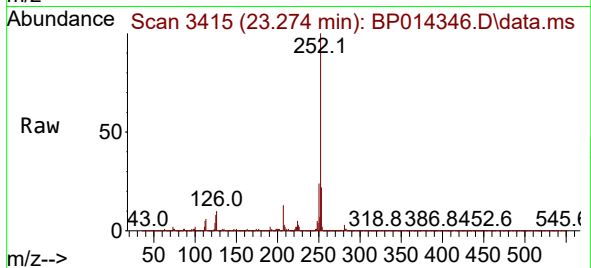
Tgt Ion:252 Resp: 1674102

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 7.9 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 37.670 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.006 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

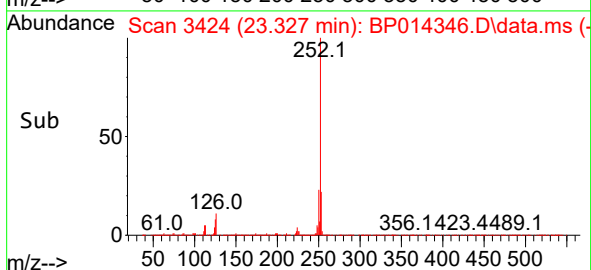
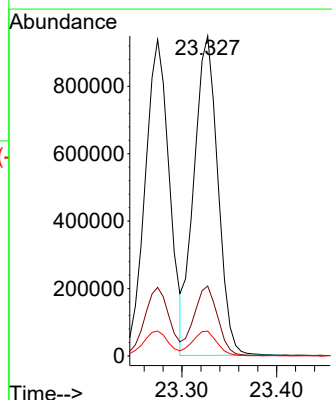
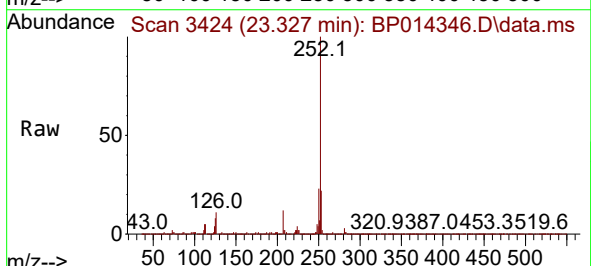
Tgt Ion:252 Resp: 1660164

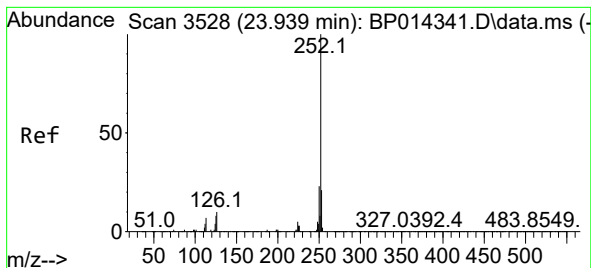
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 7.7 6.9 10.3





#93

Benzo(a)pyrene

Concen: 35.903 ng/ul

RT: 23.939 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

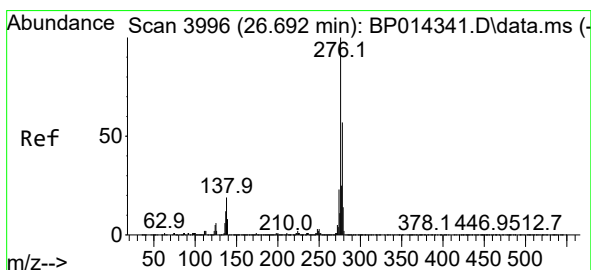
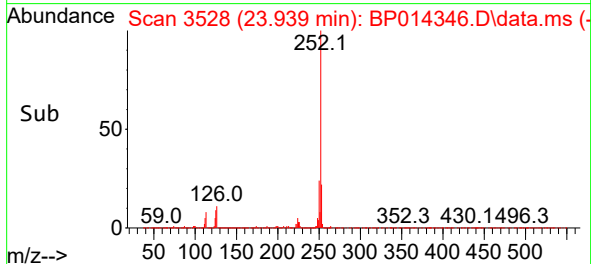
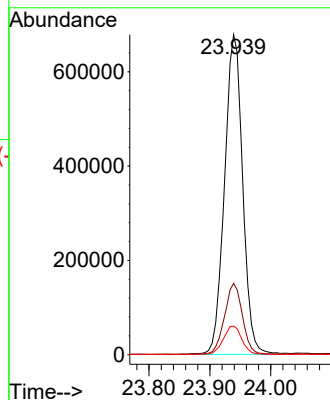
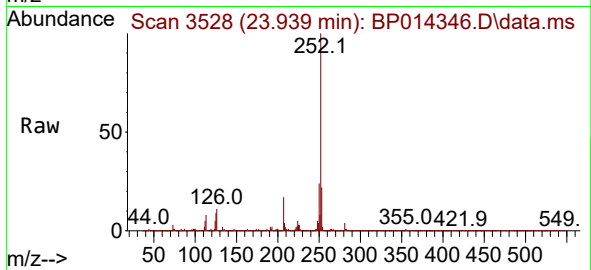
Tgt Ion:252 Resp: 1402294

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 8.9 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.333 ng/ul

RT: 26.703 min Scan# 3998

Delta R.T. 0.012 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

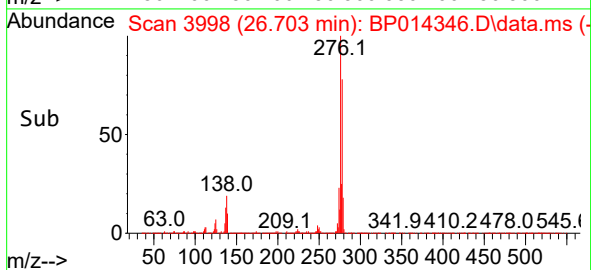
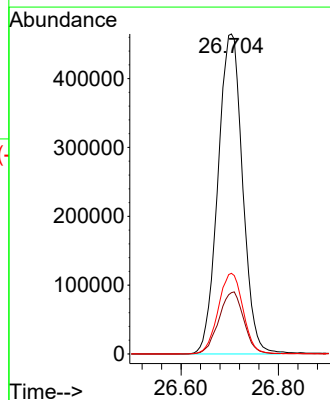
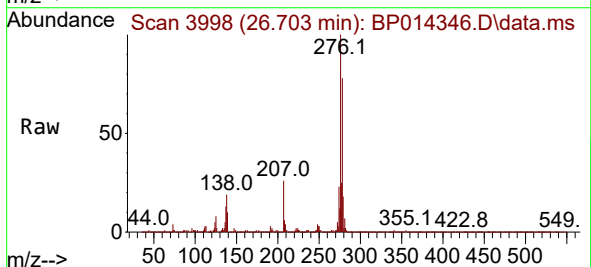
Tgt Ion:276 Resp: 1629985

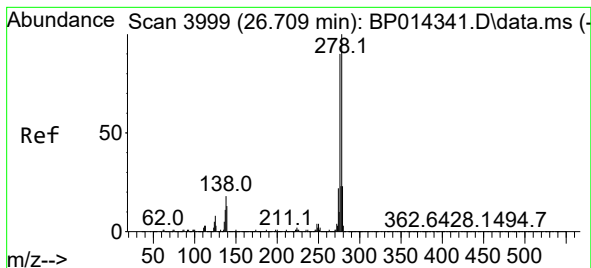
Ion Ratio Lower Upper

276 100

138 19.2 14.9 22.3

277 25.2 20.3 30.5





#95

Dibenzo(a,h)anthracene

Concen: 30.283 ng/ul

RT: 26.715 min Scan# 4000

Delta R.T. 0.006 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Instrument :

BNA_P

ClientSampleId :

SLCS699

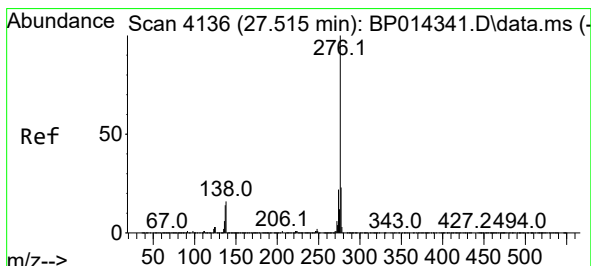
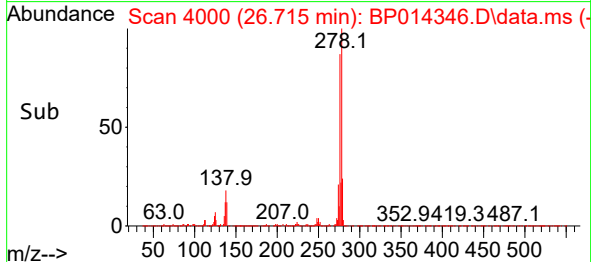
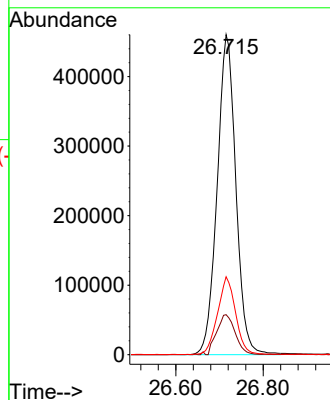
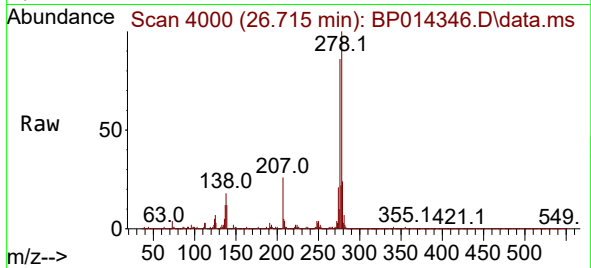
Tgt Ion:278 Resp: 1362425

Ion Ratio Lower Upper

278 100

139 12.5 10.4 15.6

279 24.3 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 29.533 ng/ul

RT: 27.515 min Scan# 4136

Delta R.T. -0.000 min

Lab File: BP014346.D

Acq: 28 Mar 2023 16:24

Tgt Ion:276 Resp: 1293575

Ion Ratio Lower Upper

276 100

138 17.3 13.0 19.4

277 23.8 18.4 27.6

