

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015394.D
 Acq On : 07 Jun 2023 12:23
 Operator : MA/JU
 Sample : SSTD16088
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160630

Quant Time: Jun 07 23:13:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 13:01:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	183663	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	799702	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	507790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1167325	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1057145	20.000	ng/u1	0.01
88) Perylene-d12	24.157	264	1298889	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	299408	61.165	ng/uL	0.00
4) Pyridine-d5	3.846	84	2089274	162.170	ng/u1	0.00
7) Phenol-d5	7.269	99	2680780	158.437	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.434	67	1494900	147.935	ng/u1	0.01
11) 2-Chlorophenol-d4	7.634	132	1973228	160.849	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	2111118	152.025	ng/u1	0.02
21) Nitrobenzene-d5	9.293	128	1015683	161.773	ng/u1	0.01
24) 2-Nitrophenol-d4	10.016	143	1178265	164.334	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.563	165	2036440	155.701	ng/u1	0.01
31) 4-Chloroaniline-d4	11.081	131	2702455	143.949	ng/u1	0.01
46) Dimethylphthalate-d6	14.169	166	5737650	143.290	ng/u1	0.02
49) Acenaphthylene-d8	14.451	160	6295477	143.783	ng/u1	0.01
54) 4-Nitrophenol-d4	14.981	143	1132579	159.501	ng/u1	0.04
60) Fluorene-d10	15.751	176	4656322	137.898	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.886	200	1172606	158.566	ng/u1	0.02
73) Anthracene-d10	17.616	188	7262691	136.744	ng/u1	0.02
81) Pyrene-d10	19.833	212	8526322	150.695	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.004	264	9988677	153.264	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	316318	61.375	ng/uL	91
5) Pyridine	3.869	79	2145600	160.644	ng/u1	98
6) Benzaldehyde	7.234	77	993203	156.914	ng/u1	99
8) Phenol	7.299	94	2733951	156.618	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.528	93	2024421	146.680	ng/u1	98
12) 2-Chlorophenol	7.669	128	2045262	157.797	ng/u1	98
13) 2-Methylphenol	8.557	108	2051538	152.748	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.646	45	2645632	144.653	ng/u1	97
16) Acetophenone	8.952	105	3096953	139.744	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	1589259	132.867	ng/u1	100
18) 4-Methylphenol	8.916	108	2222411	150.393	ng/u1	97
19) Hexachloroethane	9.193	117	825196	150.661	ng/u1	99
22) Nitrobenzene	9.340	77	2581625	155.050	ng/u1	98
23) Isophorone	9.887	82	4897946	146.951	ng/u1	98
25) 2-Nitrophenol	10.051	139	1223908	158.102	ng/u1	97
26) 2,4-Dimethylphenol	10.110	107	2479259	151.020	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.346	93	2775191	143.215	ng/u1	100
29) 2,4-Dichlorophenol	10.593	162	1998811	153.705	ng/u1	98
30) Naphthalene	10.993	128	6209670	143.296	ng/u1	99
32) 4-Chloroaniline	11.110	127	2753321	141.738	ng/u1	99
33) Hexachlorobutadiene	11.263	225	1315574	150.008	ng/u1	98
34) Caprolactam	11.951	113	419576	86.057	ng/u1	99
35) 4-Chloro-3-methylphenol	12.240	107	2338240	148.402	ng/u1	100
36) 2-Methylnaphthalene	12.587	142	4192010	137.604	ng/u1	99

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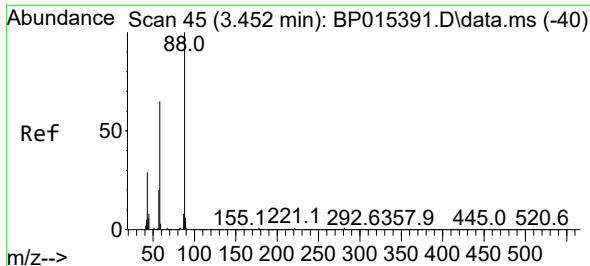
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	4183905	136.404	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.951	216	2404707	152.079	ng/ul	98
40) Hexachlorocyclopentadiene	12.922	237	1325590	204.518	ng/ul	96
41) 2,4,6-Trichlorophenol	13.192	196	1687589	160.355	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	1850147	161.328	ng/ul	98
43) 1,1'-Biphenyl	13.592	154	5510931	140.337	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	4434778	143.940	ng/ul	99
45) 2-Nitroaniline	13.851	65	1635443	165.856	ng/ul	98
47) Dimethylphthalate	14.216	163	5792980	140.119	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	1348005	159.144	ng/ul	99
50) Acenaphthylene	14.487	152	6673694	137.638	ng/ul	99
51) 3-Nitroaniline	14.675	138	1187029	169.761	ng/ul	99
52) Acenaphthene	14.822	153	4638026	138.379	ng/ul	100
53) 2,4-Dinitrophenol	14.887	184	970719	190.512	ng/ul	98
55) 4-Nitrophenol	14.998	109	1131570	163.601	ng/ul	89
56) Dibenzofuran	15.157	168	6261396	131.807	ng/ul	96
57) 2,4-Dinitrotoluene	15.134	165	1840344	147.723	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.381	232	1597249	154.253	ng/ul	98
59) Diethylphthalate	15.575	149	5835172	137.712	ng/ul	100
61) Fluorene	15.810	166	4894107	126.381	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.792	204	2573841	131.877	ng/ul	99
63) 4-Nitroaniline	15.857	138	1077976	163.697	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.904	198	1170057	155.134	ng/ul	93
67) N-Nitrosodiphenylamine	16.010	169	4469221	134.953	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	1852760	148.357	ng/ul	99
69) Hexachlorobenzene	16.810	284	2196286	149.090	ng/ul	97
70) Atrazine	16.975	200	1915050	144.810	ng/ul	99
71) Pentachlorophenol	17.157	266	1457780	176.119	ng/ul	99
72) Phenanthrene	17.557	178	8457413	135.009	ng/ul	99
74) Anthracene	17.657	178	8155880	128.317	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	2488208	154.444	ng/uL	100
76) Pentachlorobenzene	15.075	250	2478768	146.951	ng/uL	98
77) Carbazole	17.916	167	7824644	136.721	ng/ul	98
78) Di-n-butylphthalate	18.439	149	9623808	132.536	ng/ul	98
80) Fluoranthene	19.510	202	10149806	147.269	ng/ul	95
82) Pyrene	19.869	202	10001209	140.263	ng/ul#	94
83) Butylbenzylphthalate	20.716	149	4791991	152.053	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.504	252	3734140	149.514	ng/ul	99
85) Benzo(a)anthracene	21.580	228	10834395	146.604	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	6773505	145.410	ng/ul#	98
87) Chrysene	21.639	228	9767919	139.834	ng/ul	97
89) Di-n-octyl phthalate	22.445	149	12222668	143.179	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	12891490	153.757	ng/ul	98
91) Benzo(k)fluoranthene	23.439	252	11343889	139.965	ng/ul	98
93) Benzo(a)pyrene	24.068	252	10722326	146.682	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.915	276	10699117	113.095	ng/ul	98
95) Dibenzo(a,h)anthracene	26.939	278	11391592	147.803	ng/ul	97
96) Benzo(g,h,i)perylene	27.756	276	11259859	144.427	ng/ul	99

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

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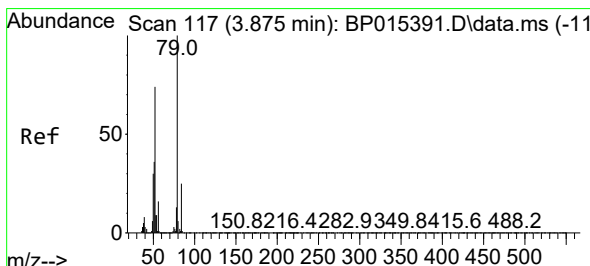
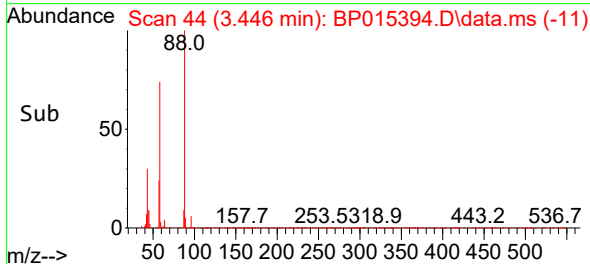
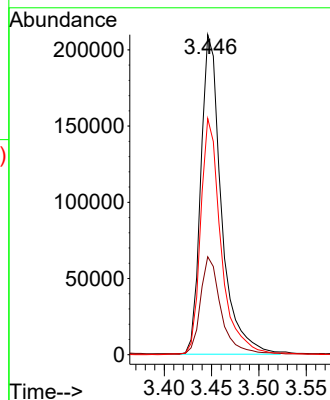
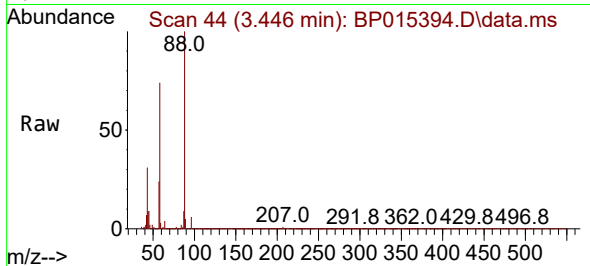




#2
1,4-Dioxane
Concen: 61.375 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP015394.D
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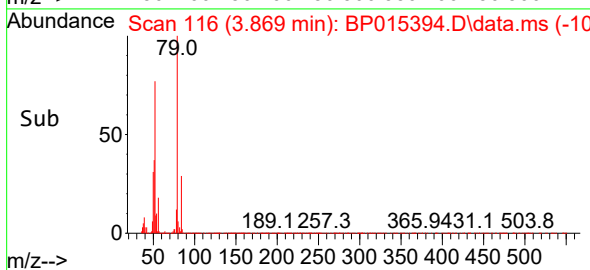
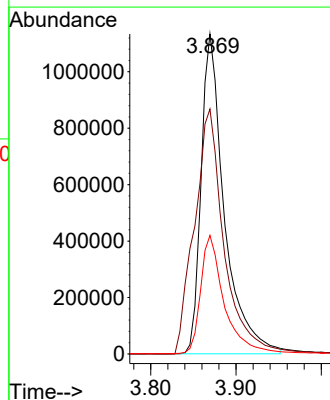
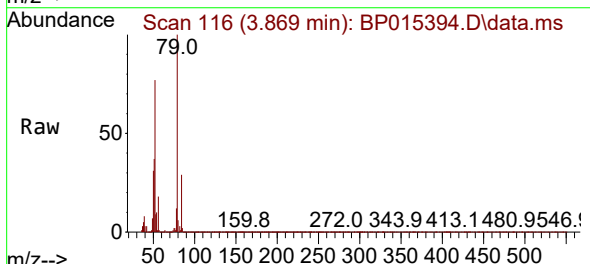
Instrument :
BNA_P
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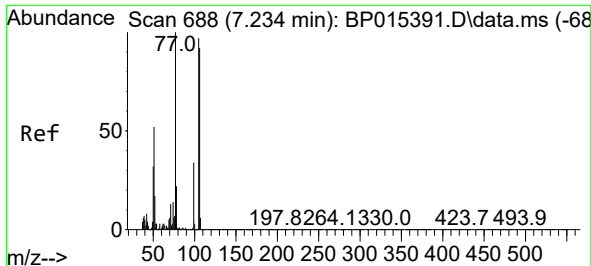
Tgt Ion: 88 Resp: 316318
Ion Ratio Lower Upper
88 100
43 30.6 23.9 35.9
58 73.8 51.4 77.2



#5
Pyridine
Concen: 160.644 ng/uL
RT: 3.869 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion: 79 Resp: 2145600
Ion Ratio Lower Upper
79 100
52 76.6 59.5 89.3
51 37.0 29.8 44.6

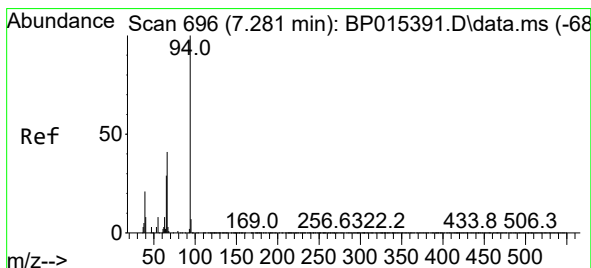
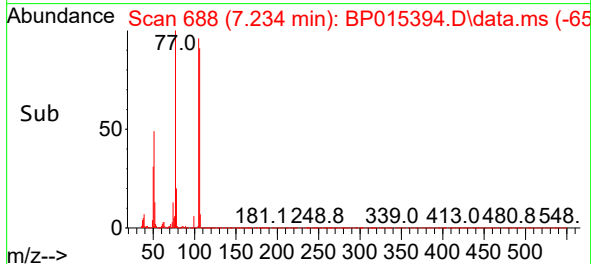
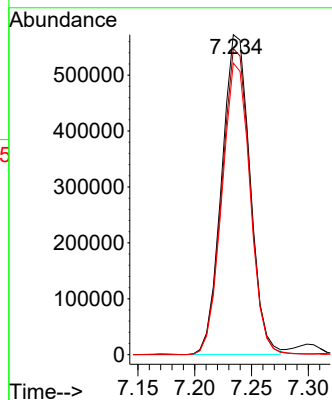
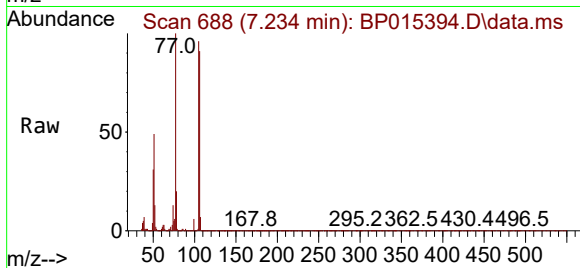




#6
Benzaldehyde
Concen: 156.914 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. -0.000 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

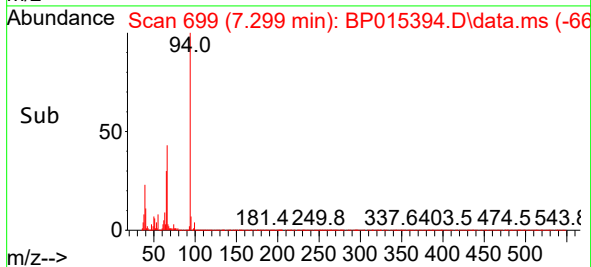
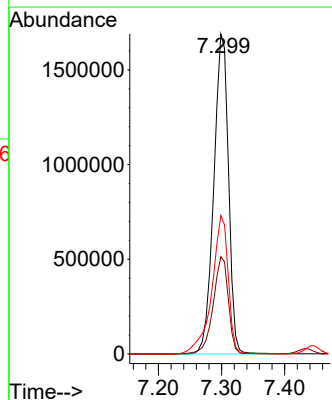
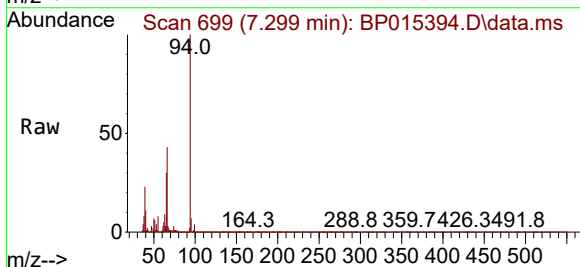
Instrument :
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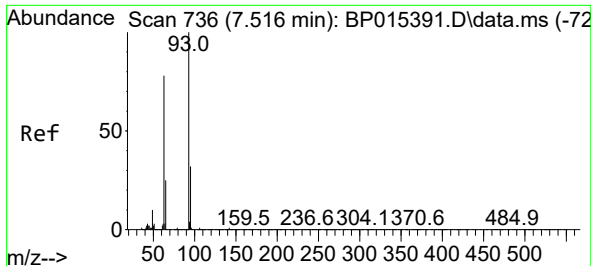
Tgt Ion: 77 Resp: 993203
Ion Ratio Lower Upper
77 100
105 95.7 77.3 115.9
106 91.2 73.3 109.9



#8
Phenol
Concen: 156.618 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion: 94 Resp: 2733951
Ion Ratio Lower Upper
94 100
65 30.4 23.5 35.3
66 43.3 34.2 51.4

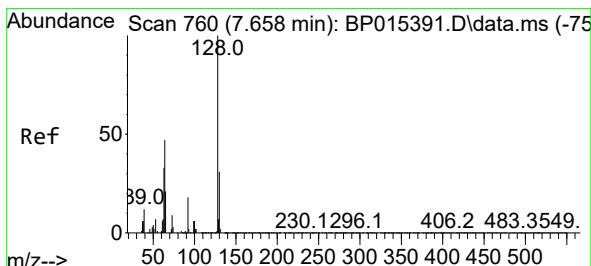
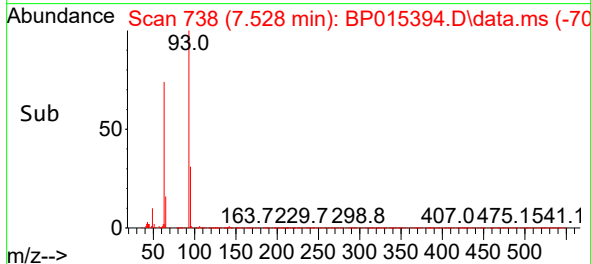
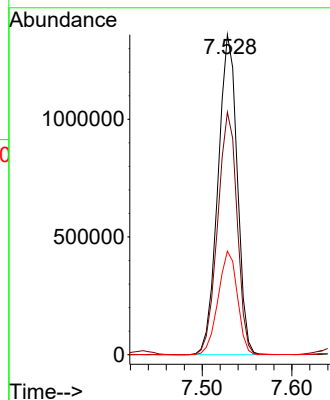
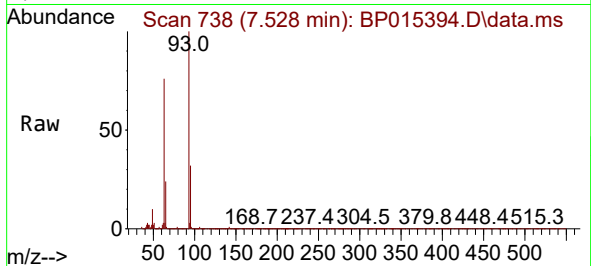




#10
Bis(2-Chloroethyl)ether
Concen: 146.680 ng/ul
RT: 7.528 min Scan# 710
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

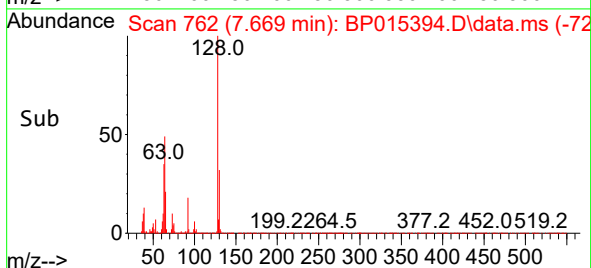
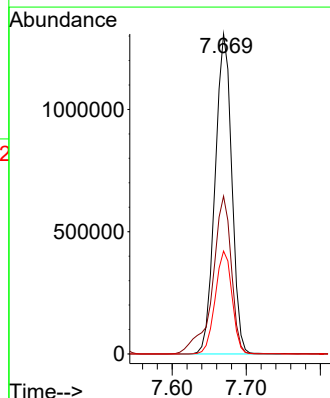
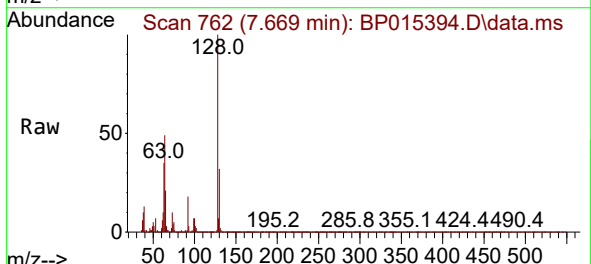
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ClientSampleId :
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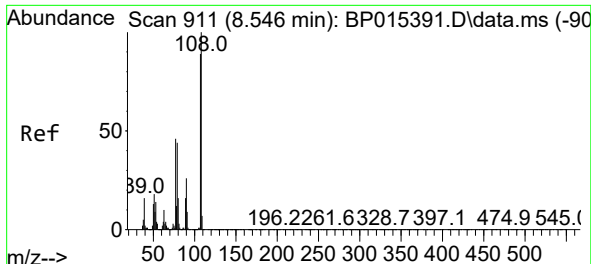
Tgt Ion: 93 Resp: 2024421
Ion Ratio Lower Upper
93 100
63 75.8 62.6 93.8
95 32.4 25.5 38.3



#12
2-Chlorophenol
Concen: 157.797 ng/ul
RT: 7.669 min Scan# 762
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:128 Resp: 2045262
Ion Ratio Lower Upper
128 100
64 49.3 40.2 60.4
130 32.2 24.5 36.7





#13

2-Methylphenol

Concen: 152.748 ng/ul

RT: 8.557 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

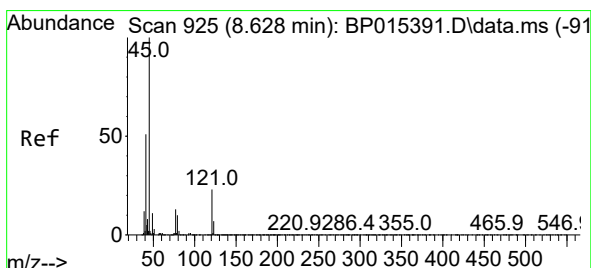
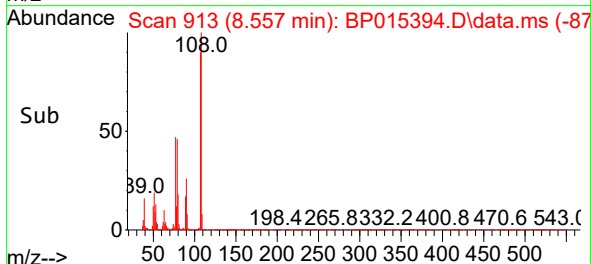
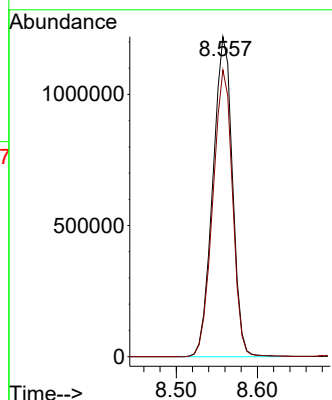
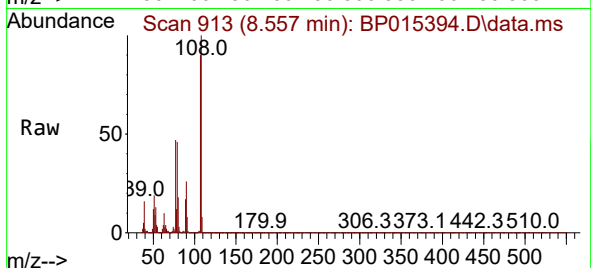
SSTD160630

Tgt Ion:108 Resp: 2051538

Ion Ratio Lower Upper

108 100

107 89.6 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 144.653 ng/ul

RT: 8.646 min Scan# 928

Delta R.T. 0.018 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

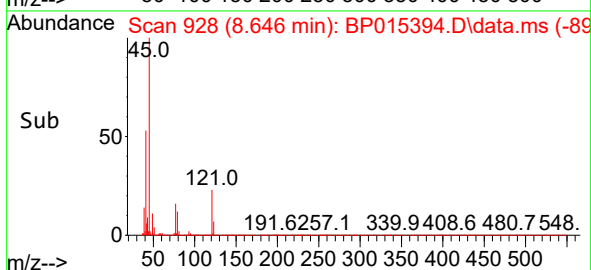
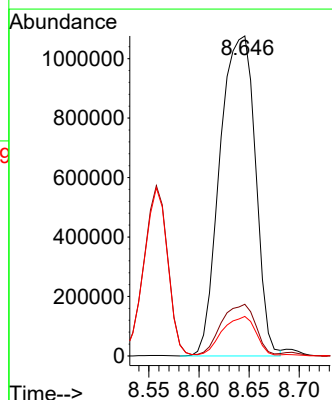
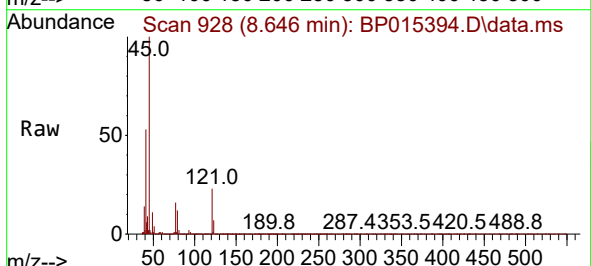
Tgt Ion: 45 Resp: 2645632

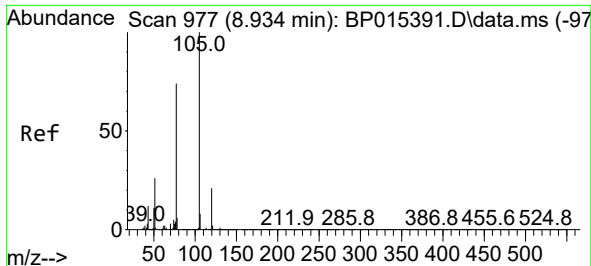
Ion Ratio Lower Upper

45 100

77 16.2 11.8 17.8

79 12.3 8.7 13.1

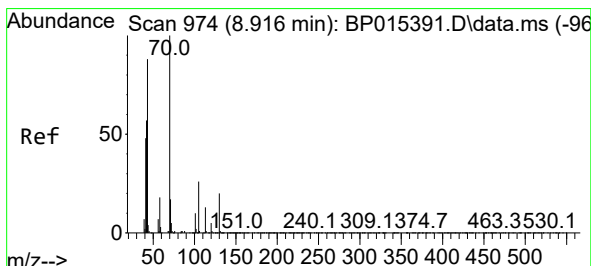
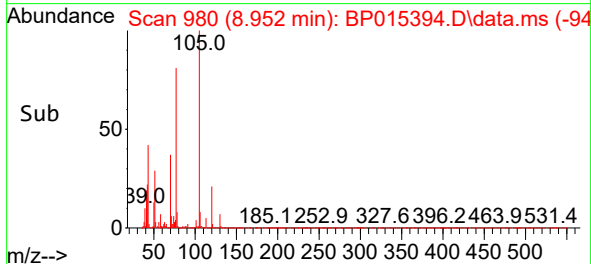
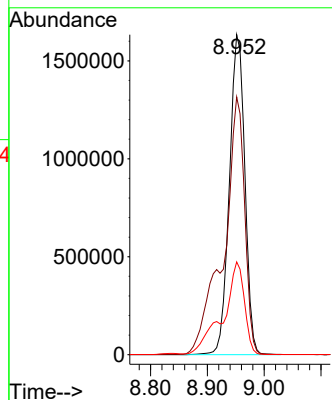
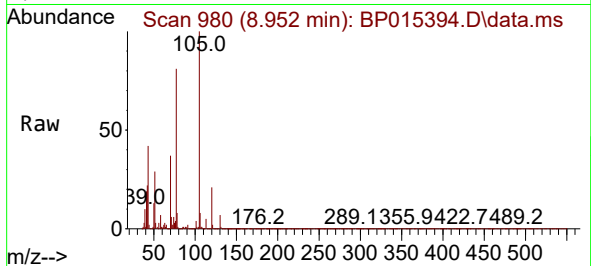




#16
Acetophenone
Concen: 139.744 ng/ul
RT: 8.952 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015394.D
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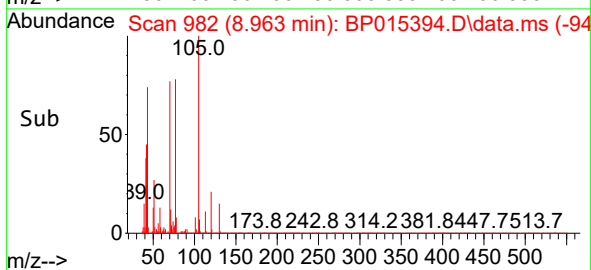
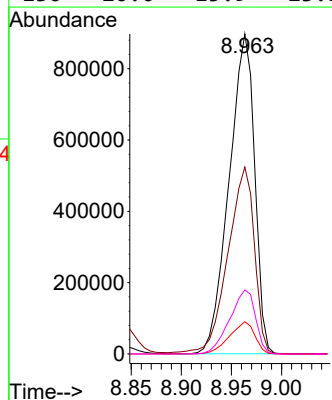
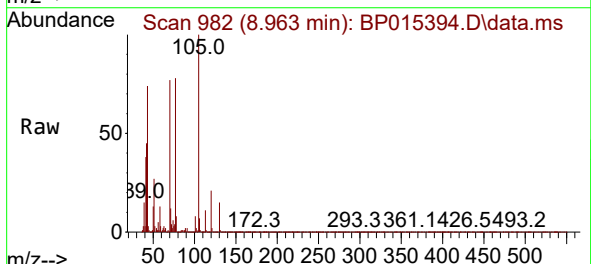
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ClientSampleId :
SSTD160630

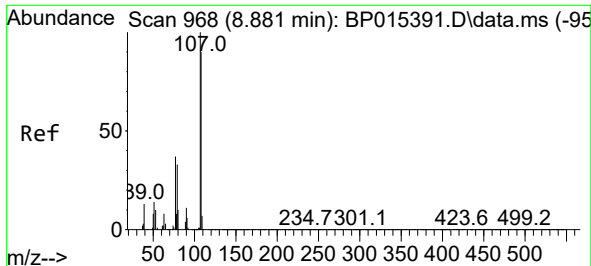
Tgt Ion:105 Resp: 3096953
Ion Ratio Lower Upper
105 100
77 80.5 64.9 97.3
51 29.0 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 132.867 ng/ul
RT: 8.963 min Scan# 982
Delta R.T. 0.047 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion: 70 Resp: 1589259
Ion Ratio Lower Upper
70 100
42 58.4 46.6 69.8
101 10.1 7.8 11.6
130 20.0 15.9 23.9

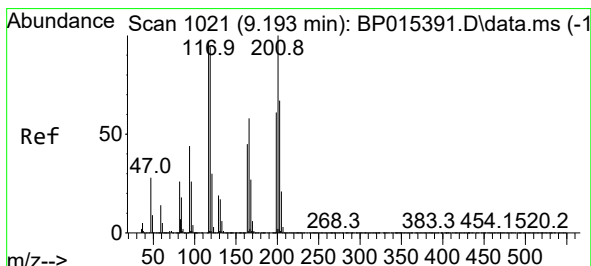
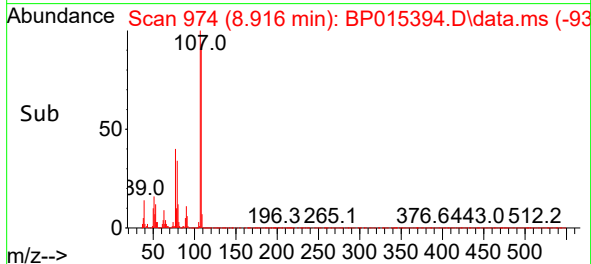
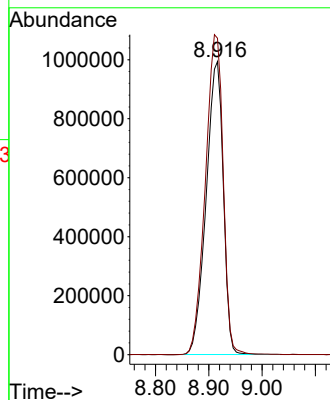
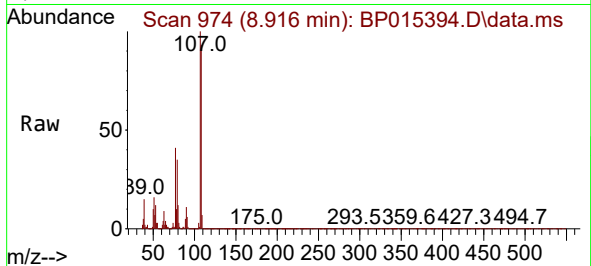




#18
4-Methylphenol
Concen: 150.393 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.035 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

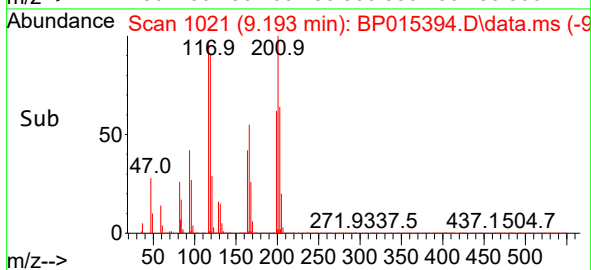
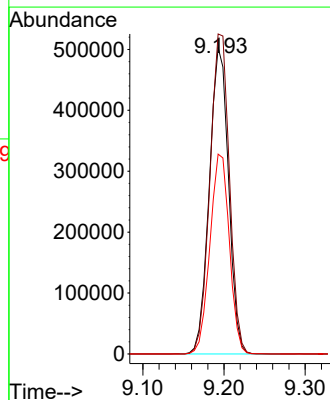
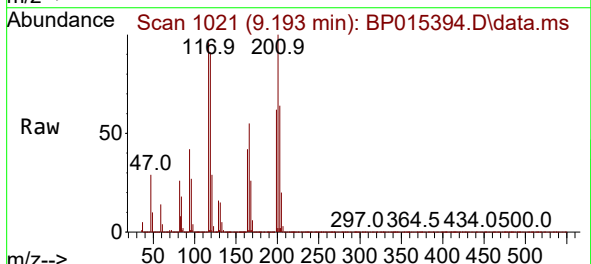
Instrument :
BNA_P
ClientSampleId :
SSTD160630

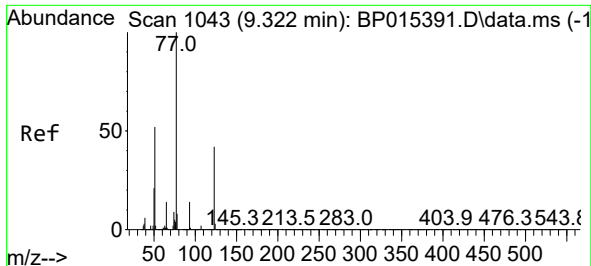
Tgt Ion:108 Resp: 2222411
Ion Ratio Lower Upper
108 100
107 108.0 89.3 133.9



#19
Hexachloroethane
Concen: 150.661 ng/ul
RT: 9.193 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:117 Resp: 825196
Ion Ratio Lower Upper
117 100
201 104.4 82.8 124.2
199 65.2 50.6 76.0

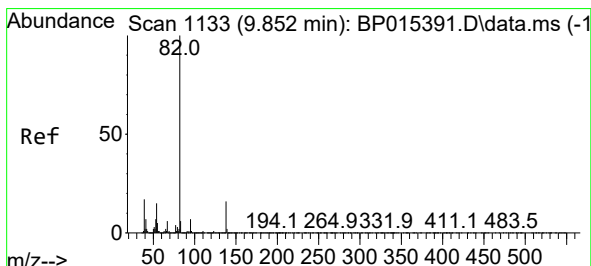
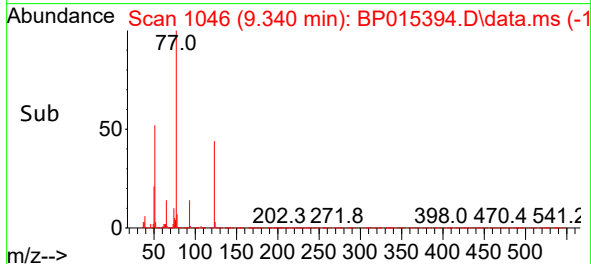
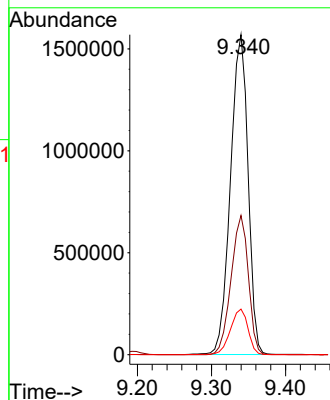
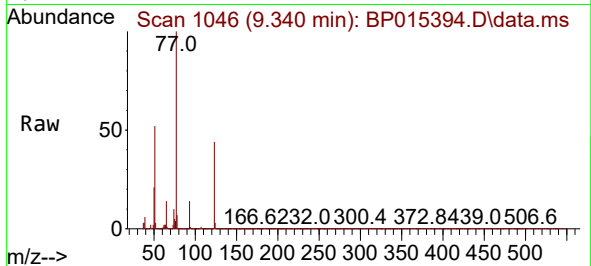




#22
Nitrobenzene
Concen: 155.050 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

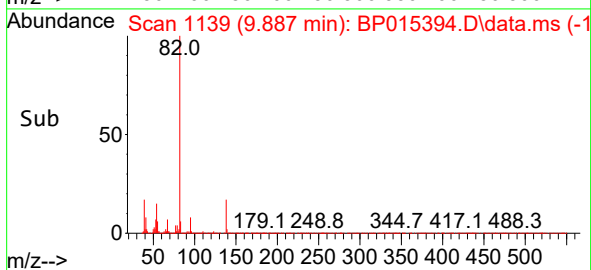
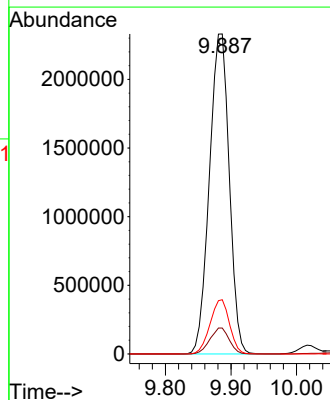
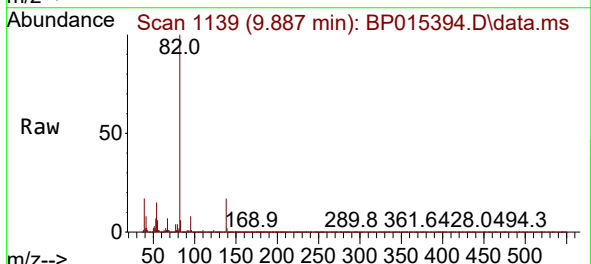
Instrument :
BNA_P
ClientSampleId :
SSTD160630

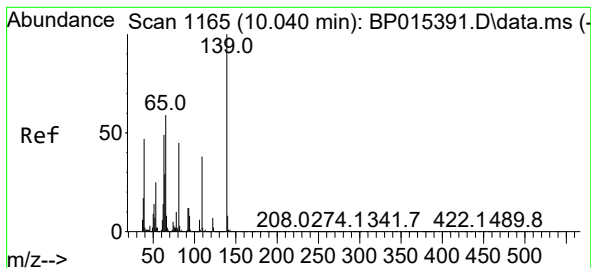
Tgt Ion: 77 Resp: 2581625
Ion Ratio Lower Upper
77 100
123 43.5 33.5 50.3
65 14.3 11.6 17.4



#23
Isophorone
Concen: 146.951 ng/ul
RT: 9.887 min Scan# 1139
Delta R.T. 0.035 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion: 82 Resp: 4897946
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.8
138 16.9 13.1 19.7

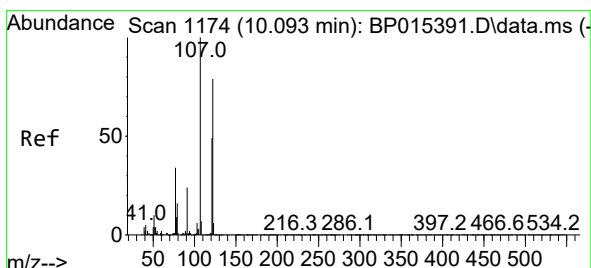
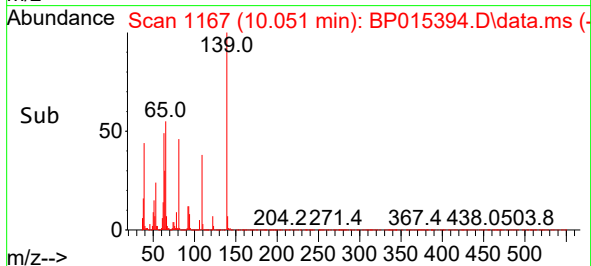
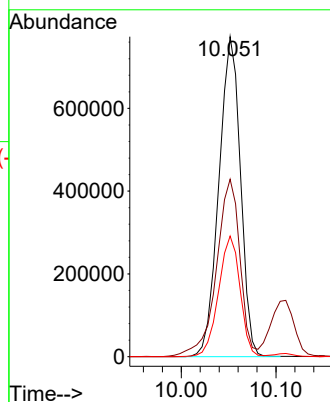
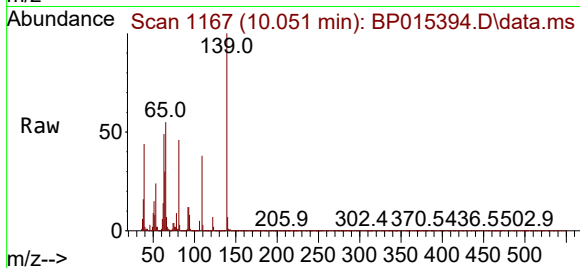




#25
2-Nitrophenol
Concen: 158.102 ng/ul
RT: 10.051 min Scan# 1165
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

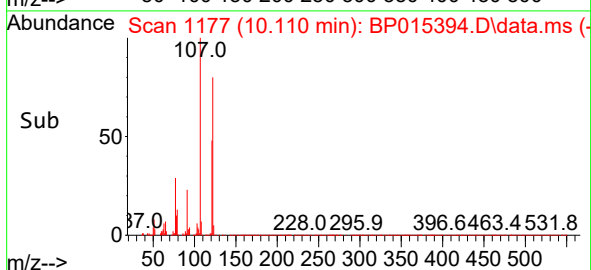
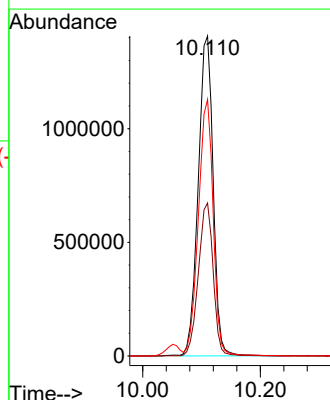
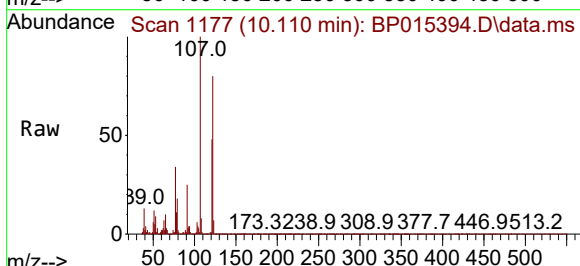
Instrument :
BNA_P
ClientSampleId :
SSTD160630

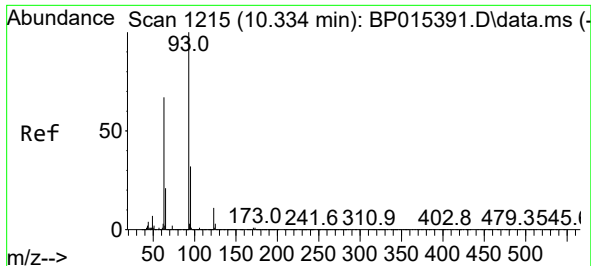
Tgt Ion:139 Resp: 1223908
Ion Ratio Lower Upper
139 100
65 55.5 46.9 70.3
109 37.7 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 151.020 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:107 Resp: 2479259
Ion Ratio Lower Upper
107 100
121 47.8 39.0 58.6
122 80.1 64.8 97.2





#27

Bis(2-Chloroethoxy)methane

Concen: 143.215 ng/ul

RT: 10.346 min Scan# 1215

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

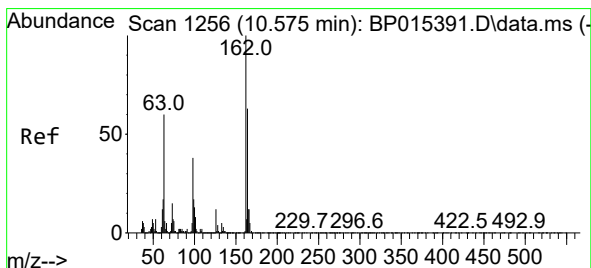
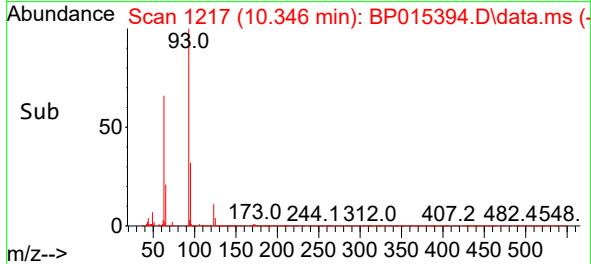
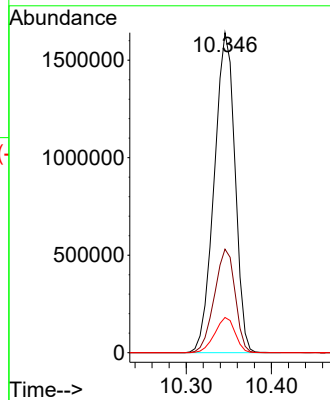
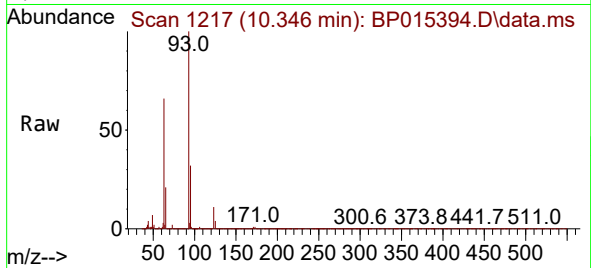
Tgt Ion: 93 Resp: 2775191

Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

123 11.0 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 153.705 ng/ul

RT: 10.593 min Scan# 1259

Delta R.T. 0.018 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

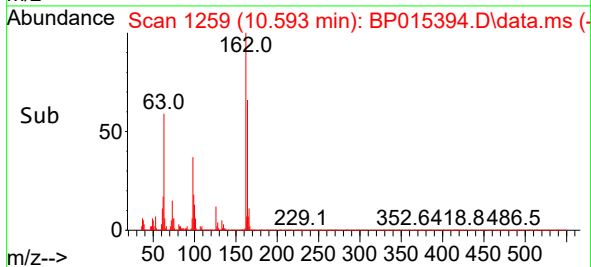
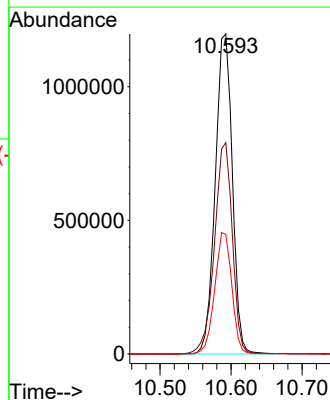
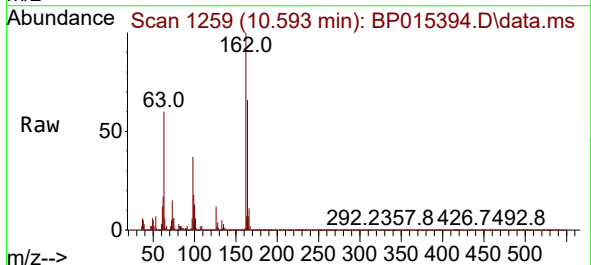
Tgt Ion:162 Resp: 1998811

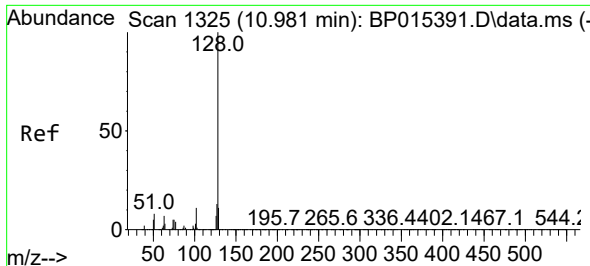
Ion Ratio Lower Upper

162 100

164 66.0 50.6 76.0

98 37.4 30.2 45.2

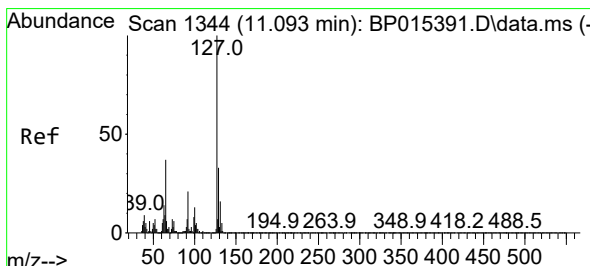
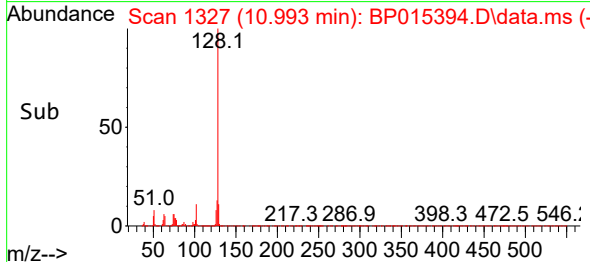
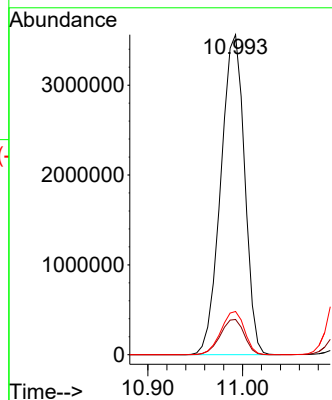
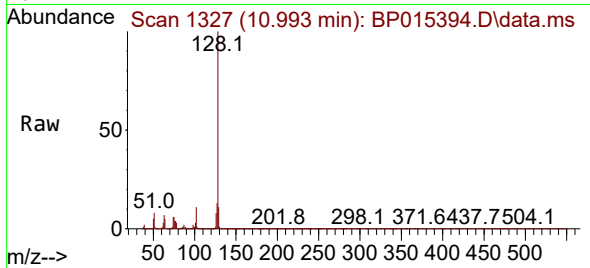




#30
Naphthalene
Concen: 143.296 ng/ul
RT: 10.993 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

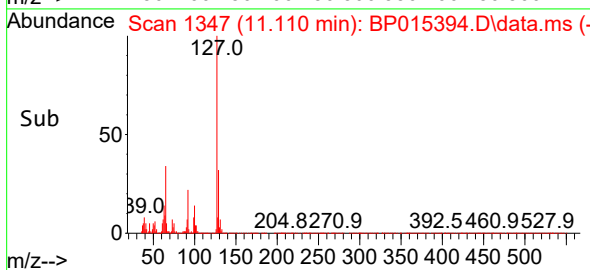
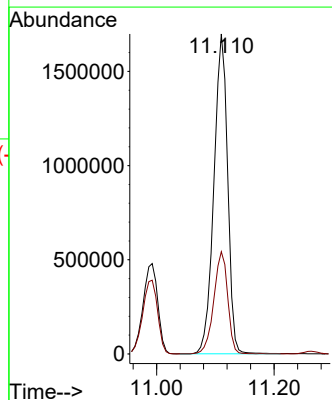
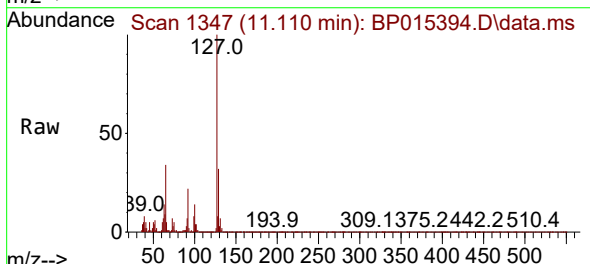
Instrument :
BNA_P
ClientSampleId :
SSTD160630

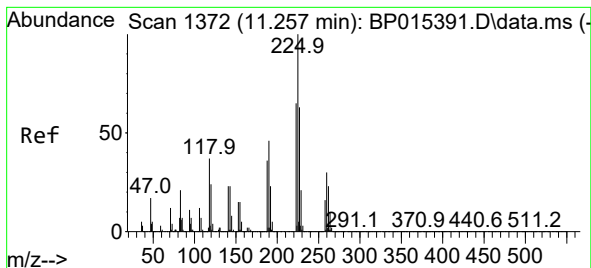
Tgt Ion:128 Resp: 6209670
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.5 15.7



#32
4-Chloroaniline
Concen: 141.738 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:127 Resp: 2753321
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1





#33

Hexachlorobutadiene

Concen: 150.008 ng/ul

RT: 11.263 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

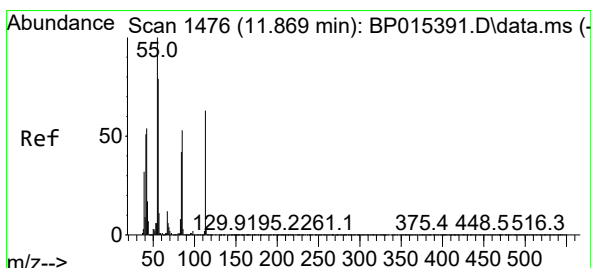
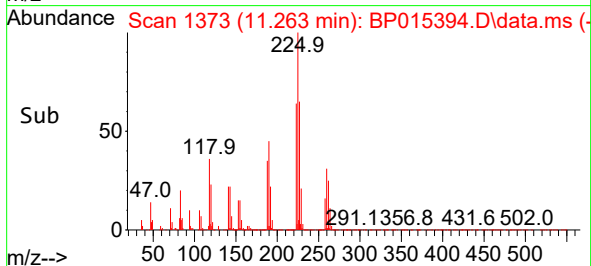
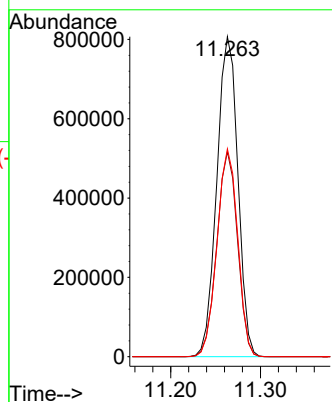
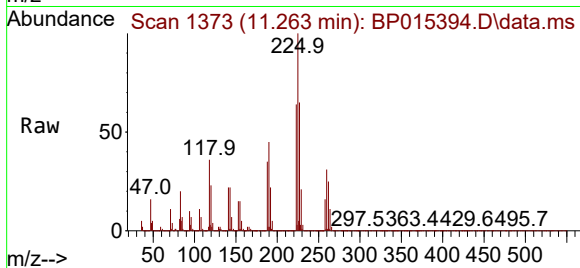
Tgt Ion:225 Resp: 1315574

Ion Ratio Lower Upper

225 100

223 64.0 52.0 78.0

227 64.9 50.6 75.8



#34

Caprolactam

Concen: 86.057 ng/ul

RT: 11.951 min Scan# 1490

Delta R.T. 0.082 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

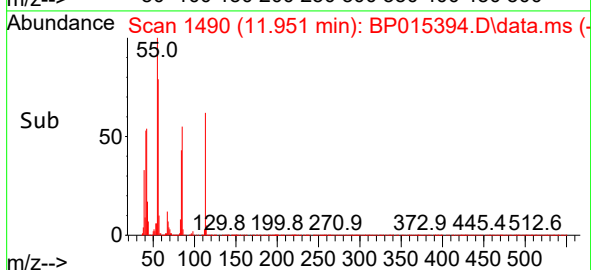
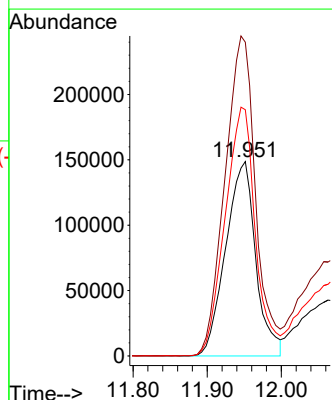
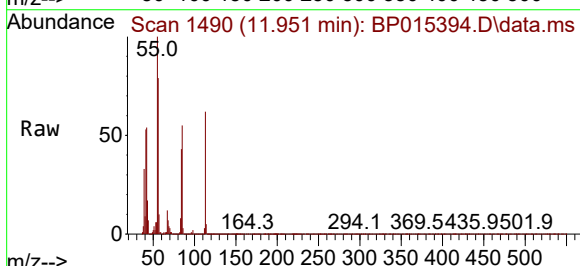
Tgt Ion:113 Resp: 419576

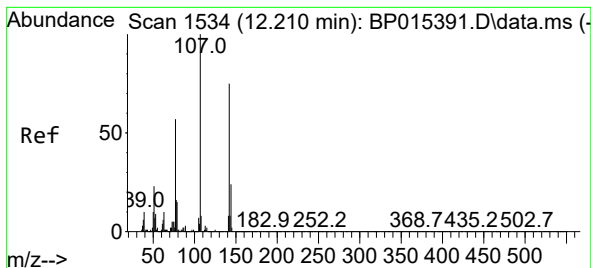
Ion Ratio Lower Upper

113 100

55 161.4 127.9 191.9

56 126.7 101.1 151.7

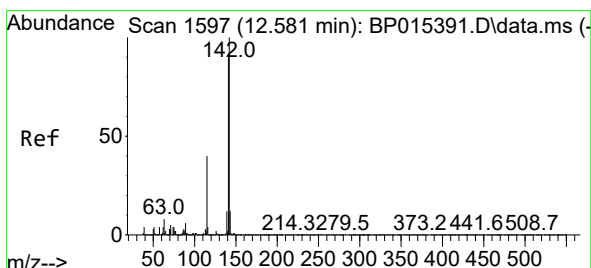
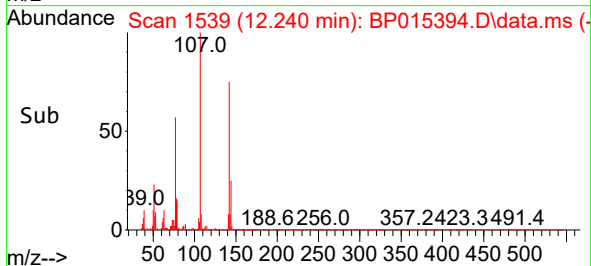
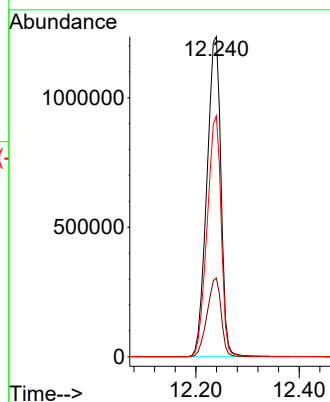
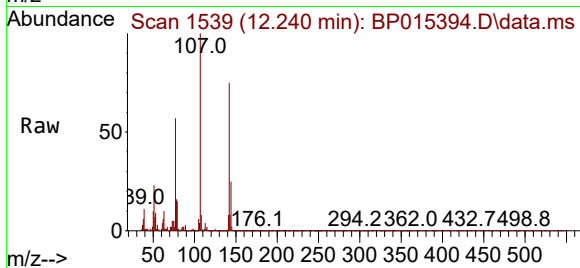




#35
4-Chloro-3-methylphenol
Concen: 148.402 ng/ul
RT: 12.240 min Scan# 1539
Delta R.T. 0.029 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

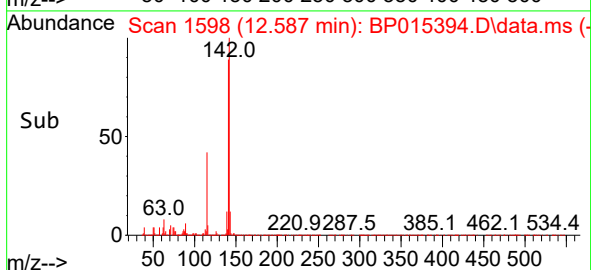
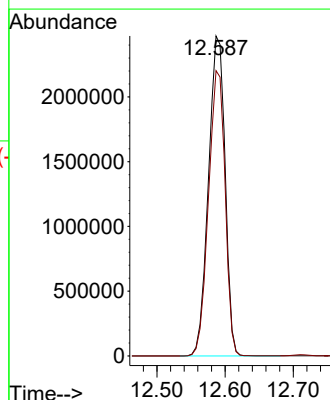
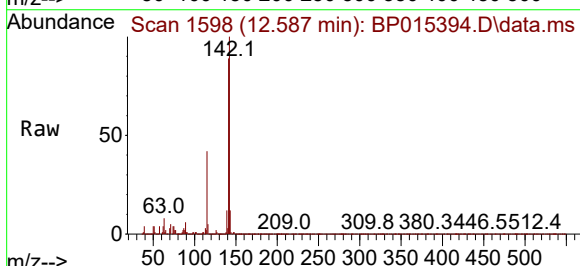
Instrument :
BNA_P
ClientSampleId :
SSTD160630

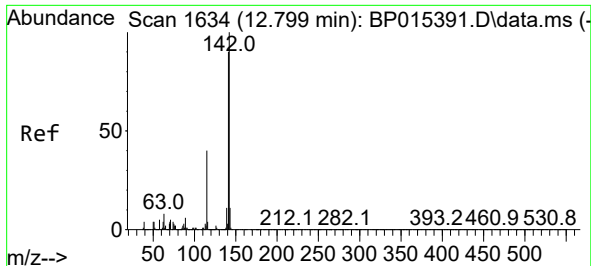
Tgt Ion:107 Resp: 2338240
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.0
142 75.2 60.4 90.6



#36
2-Methylnaphthalene
Concen: 137.604 ng/ul
RT: 12.587 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:142 Resp: 4192010
Ion Ratio Lower Upper
142 100
141 89.1 72.0 108.0





#37

1-Methylnaphthalene

Concen: 136.404 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

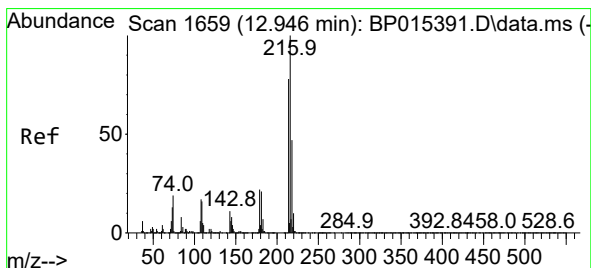
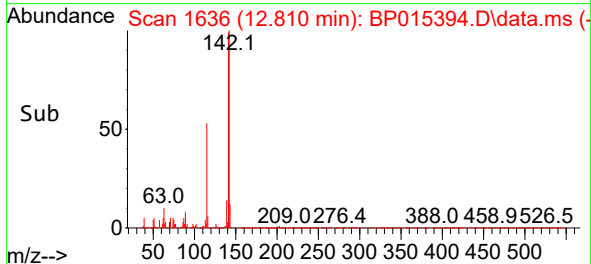
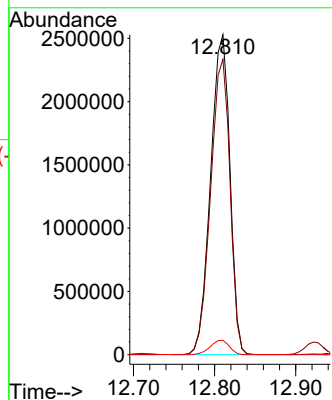
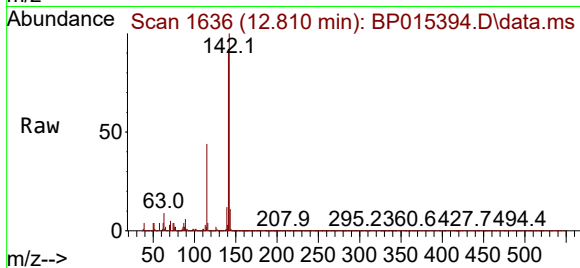
Tgt Ion:142 Resp: 4183905

Ion Ratio Lower Upper

142 100

141 92.3 71.9 107.9

116 4.5 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 152.079 ng/ul

RT: 12.951 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Tgt Ion:216 Resp: 2404707

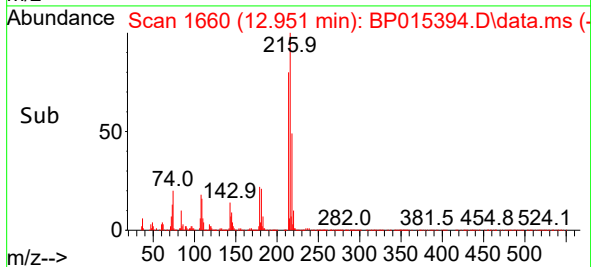
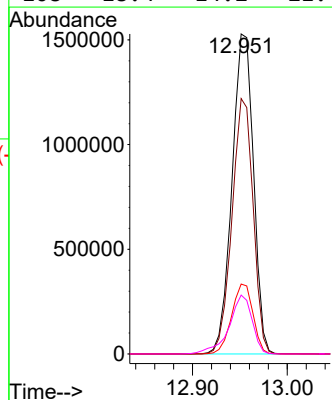
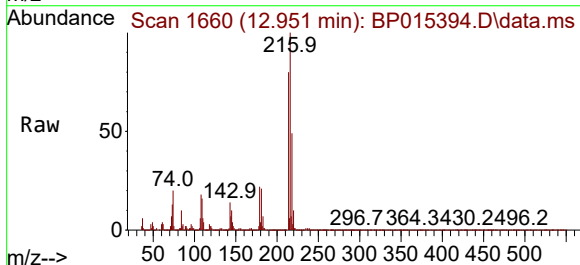
Ion Ratio Lower Upper

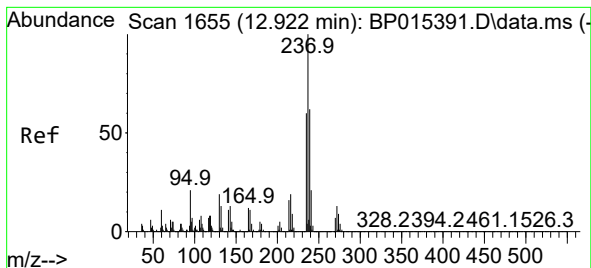
216 100

214 79.8 62.2 93.2

179 21.8 17.4 26.2

108 18.4 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 204.518 ng/ul

RT: 12.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

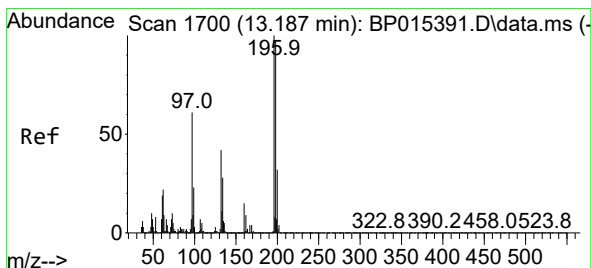
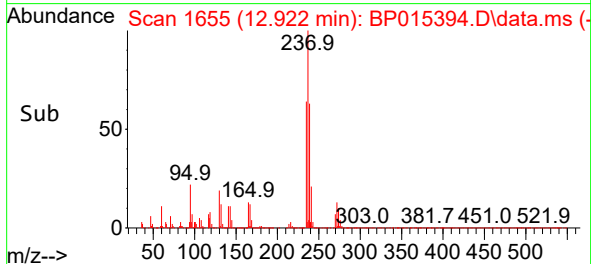
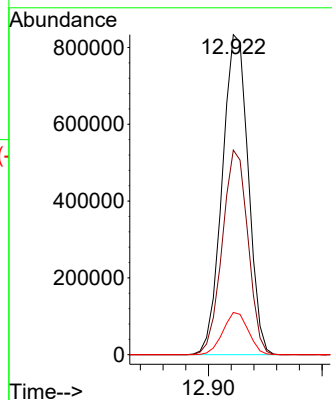
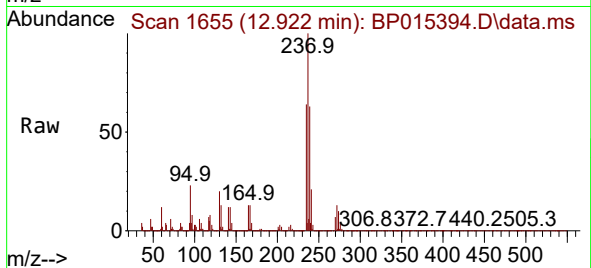
Tgt Ion:237 Resp: 1325590

Ion Ratio Lower Upper

237 100

235 63.9 48.2 72.2

272 13.2 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 160.355 ng/ul

RT: 13.192 min Scan# 1701

Delta R.T. 0.006 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

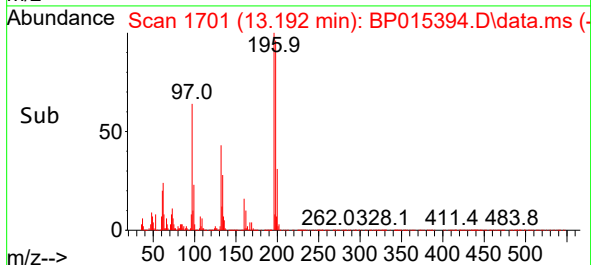
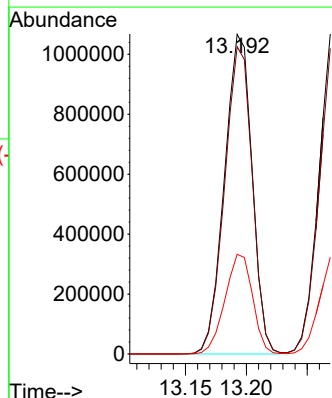
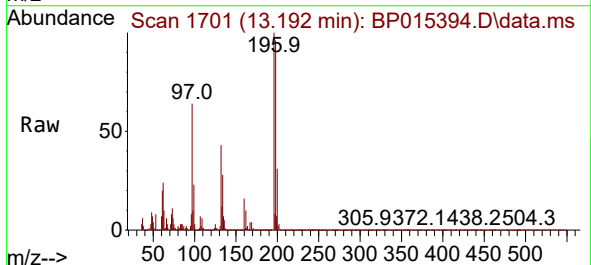
Tgt Ion:196 Resp: 1687589

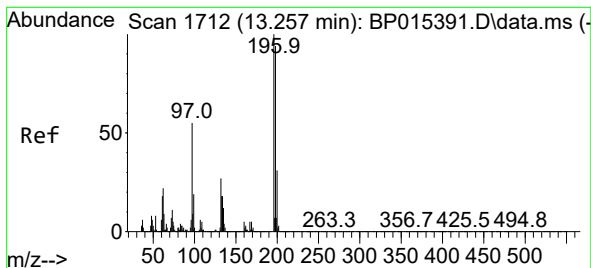
Ion Ratio Lower Upper

196 100

198 96.1 77.8 116.6

200 31.2 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 161.328 ng/ul

RT: 13.275 min Scan# 1712

Delta R.T. 0.018 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

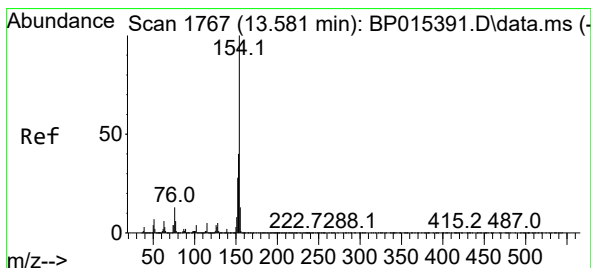
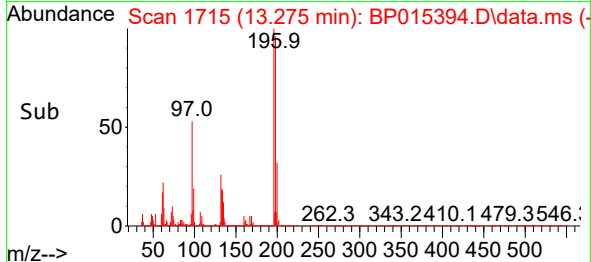
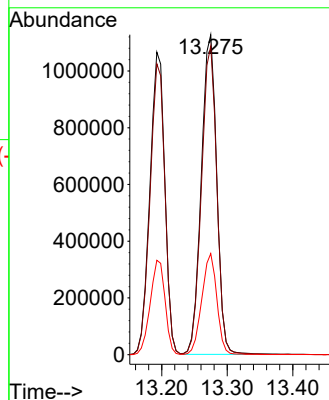
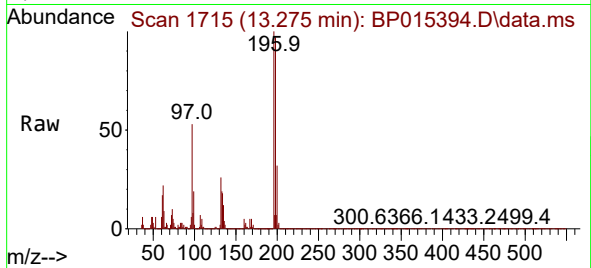
Tgt Ion:196 Resp: 1850147

Ion Ratio Lower Upper

196 100

198 96.5 75.5 113.3

200 31.6 24.7 37.1



#43

1,1'-Biphenyl

Concen: 140.337 ng/ul

RT: 13.592 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

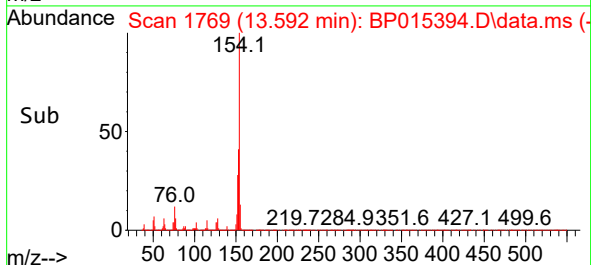
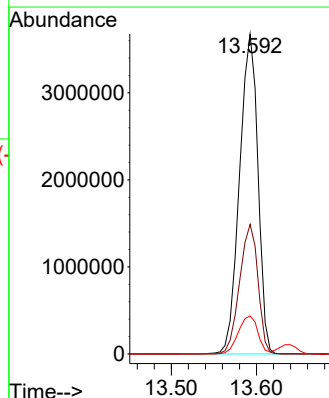
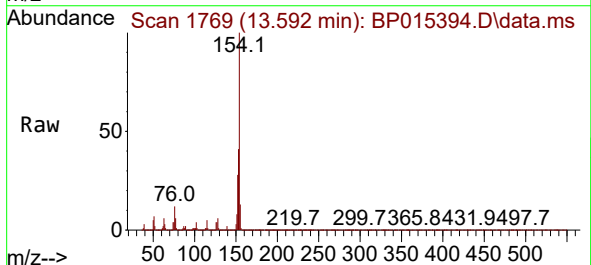
Tgt Ion:154 Resp: 5510931

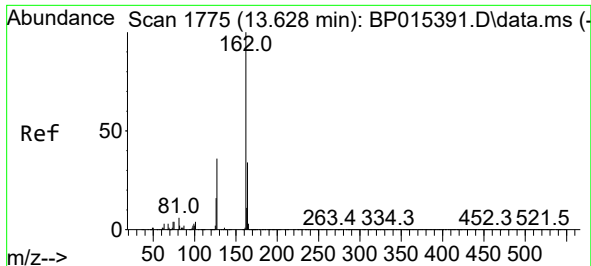
Ion Ratio Lower Upper

154 100

153 40.5 32.2 48.2

76 11.9 10.4 15.6

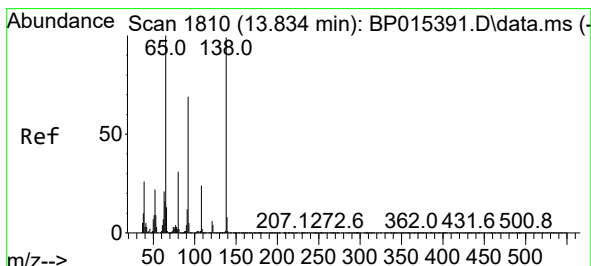
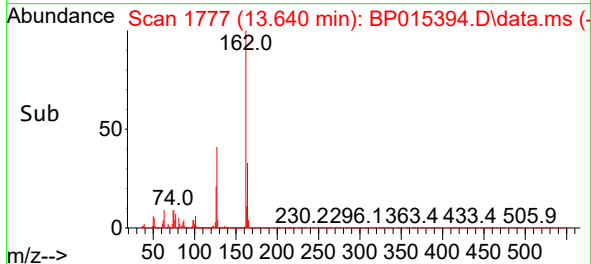
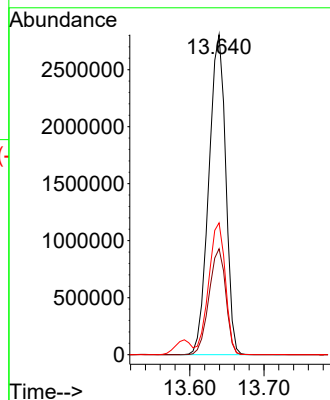
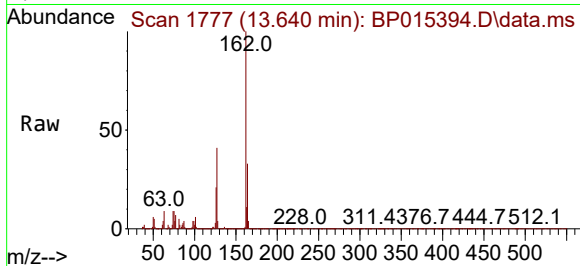




#44
2-Chloronaphthalene
Concen: 143.940 ng/ul
RT: 13.640 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

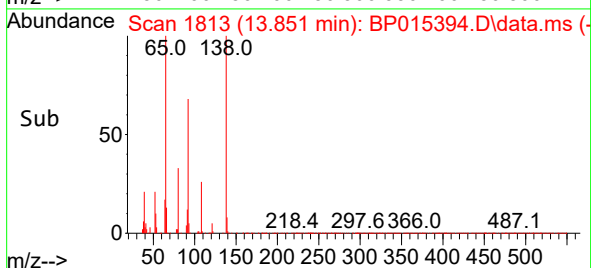
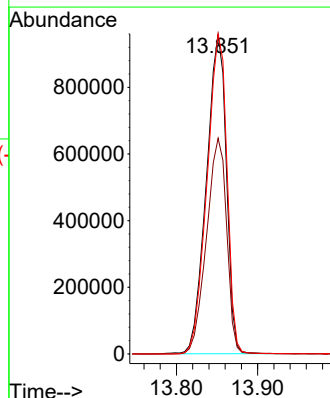
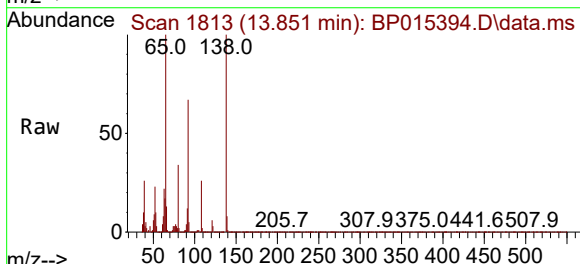
Instrument :
BNA_P
ClientSampleId :
SSTD160630

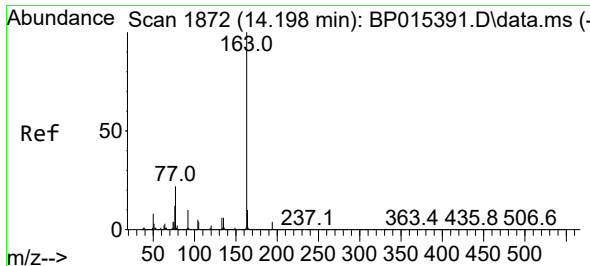
Tgt Ion:162 Resp: 4434778
Ion Ratio Lower Upper
162 100
164 33.1 27.0 40.6
127 41.2 32.2 48.4



#45
2-Nitroaniline
Concen: 165.856 ng/ul
RT: 13.851 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion: 65 Resp: 1635443
Ion Ratio Lower Upper
65 100
92 67.6 55.4 83.2
138 100.2 78.8 118.2

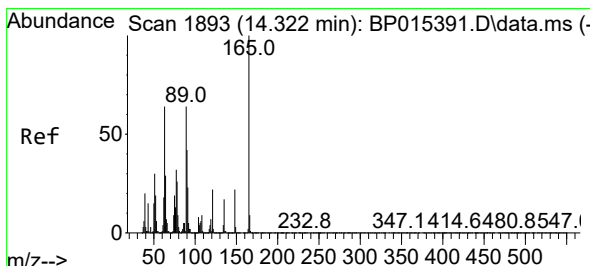
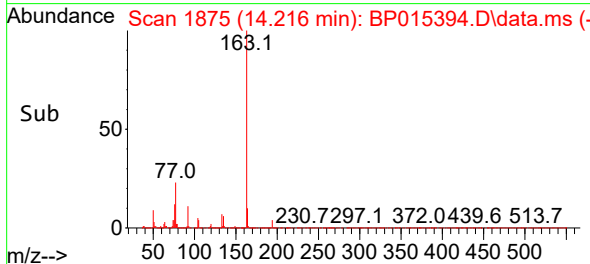
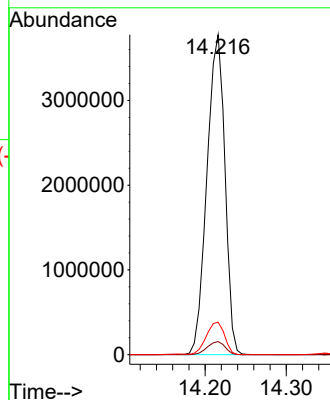
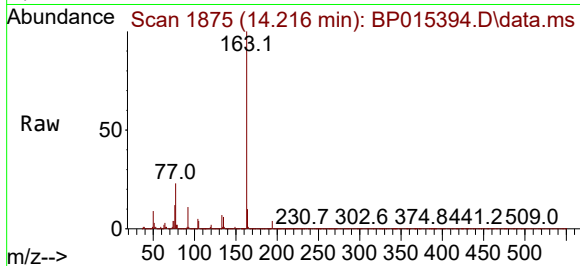




#47
Dimethylphthalate
Concen: 140.119 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

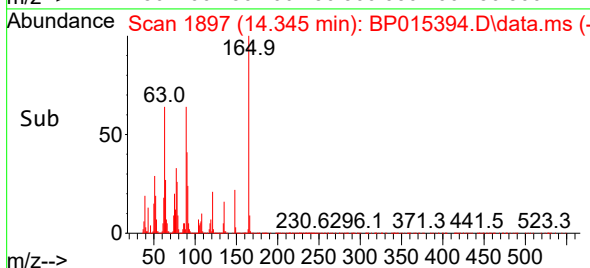
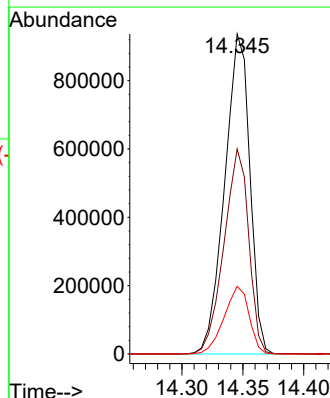
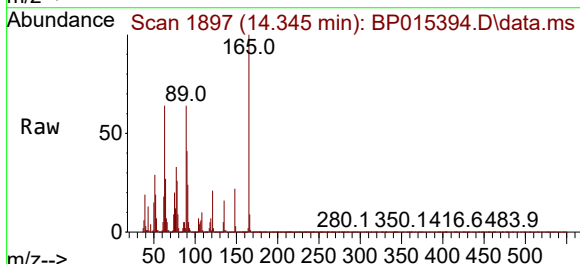
Instrument :
BNA_P
ClientSampleId :
SSTD160630

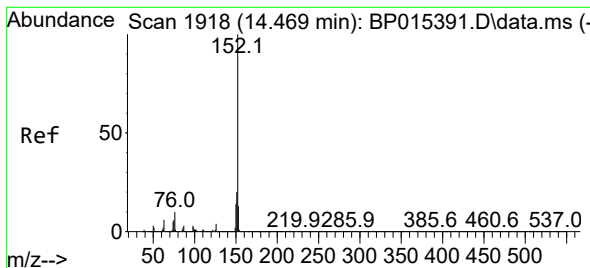
Tgt Ion:163 Resp: 5792980
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 159.144 ng/ul
RT: 14.345 min Scan# 1897
Delta R.T. 0.023 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:165 Resp: 1348005
Ion Ratio Lower Upper
165 100
89 64.1 51.5 77.3
121 21.2 17.3 25.9





#50

Acenaphthylene

Concen: 137.638 ng/ul

RT: 14.487 min Scan# 1918

Delta R.T. 0.018 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

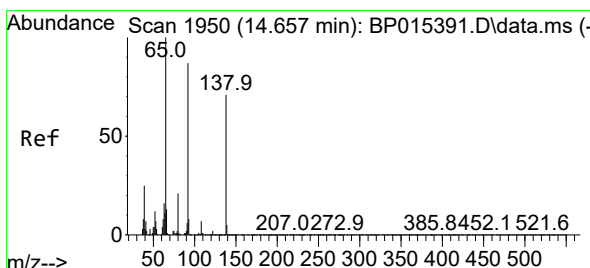
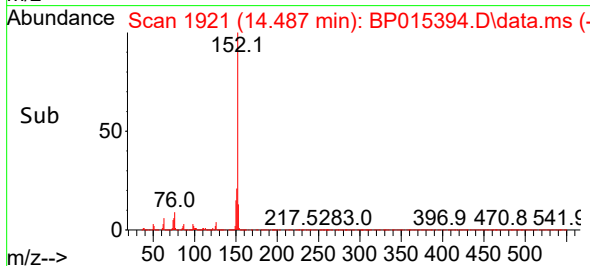
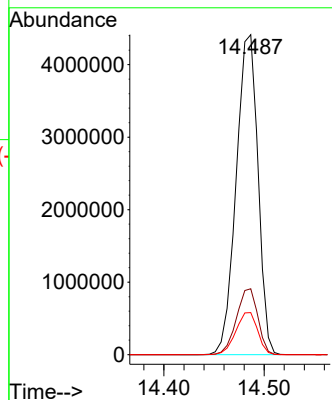
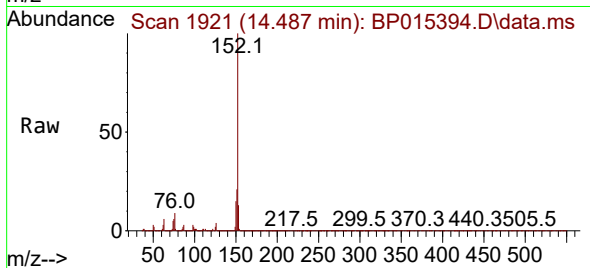
Tgt Ion:152 Resp: 6673694

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.2 10.6 15.8



#51

3-Nitroaniline

Concen: 169.761 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. 0.018 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

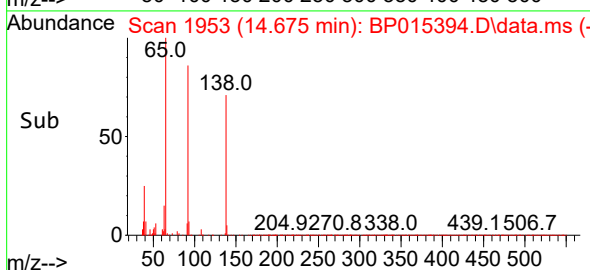
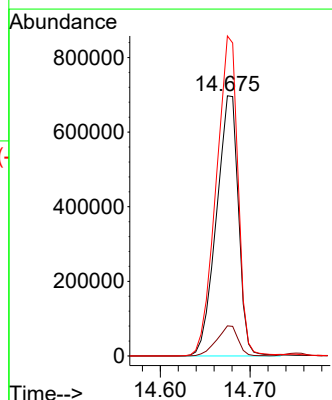
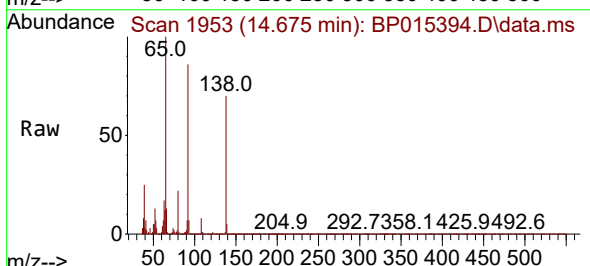
Tgt Ion:138 Resp: 1187029

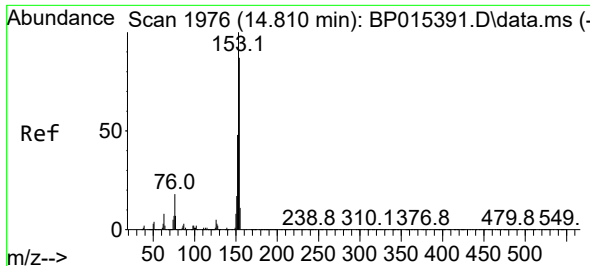
Ion Ratio Lower Upper

138 100

108 11.6 8.4 12.6

92 123.0 98.0 147.0

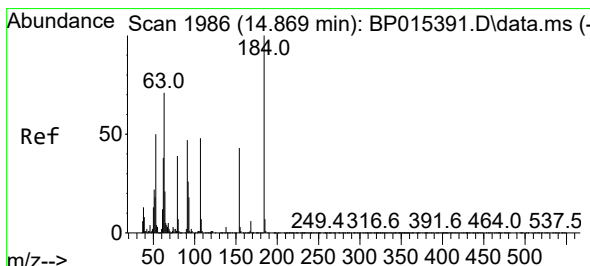
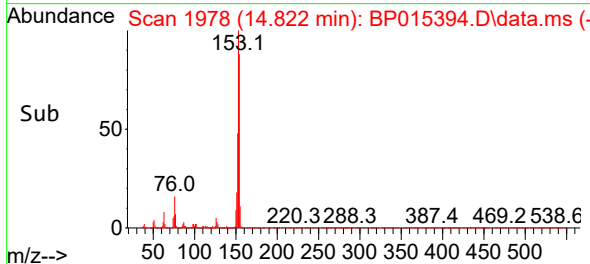
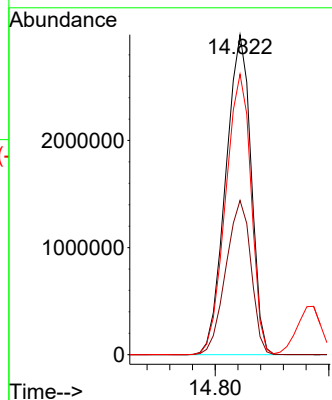
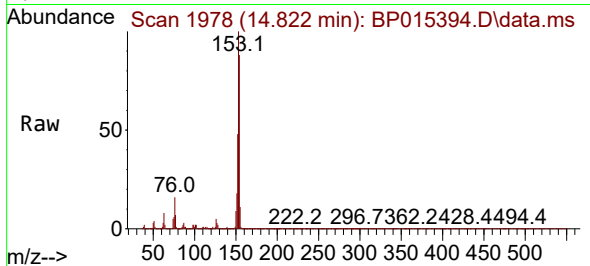




#52
Acenaphthene
Concen: 138.379 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

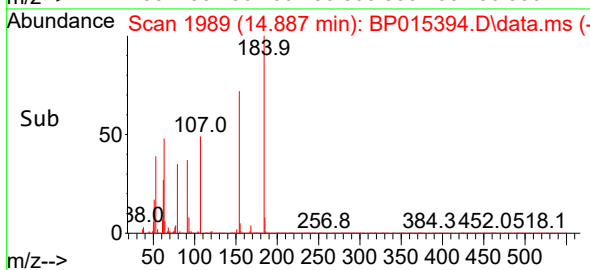
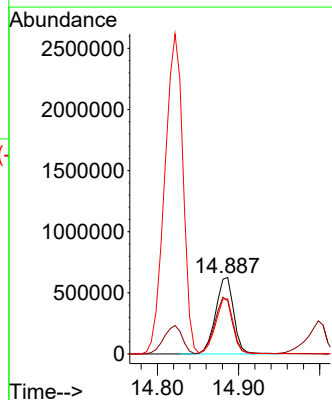
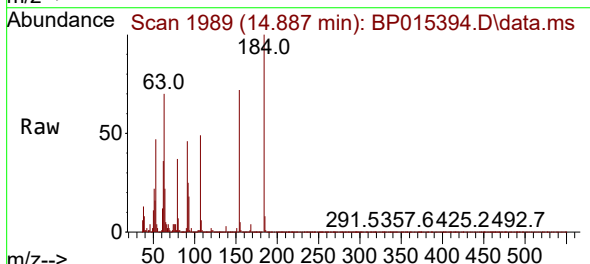
Instrument :
BNA_P
ClientSampleId :
SSTD160630

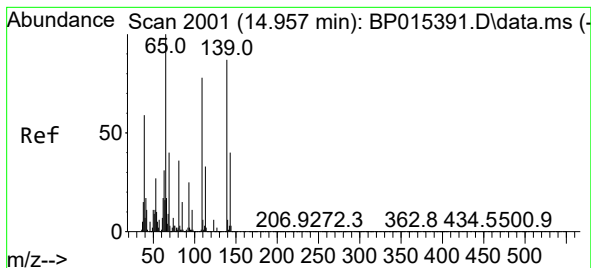
Tgt Ion:153 Resp: 4638026
Ion Ratio Lower Upper
153 100
152 48.2 38.3 57.5
154 87.6 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 190.512 ng/ul
RT: 14.887 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:184 Resp: 970719
Ion Ratio Lower Upper
184 100
63 69.6 59.0 88.4
154 72.1 57.6 86.4

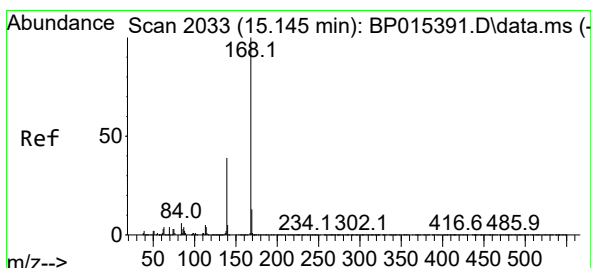
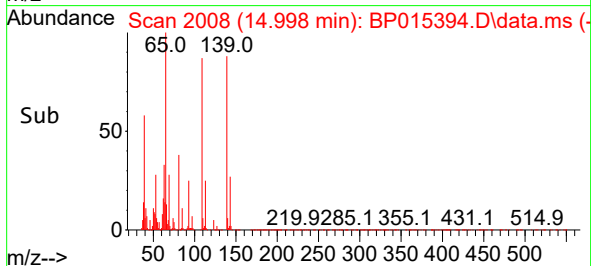
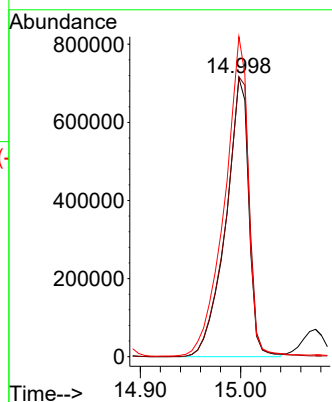
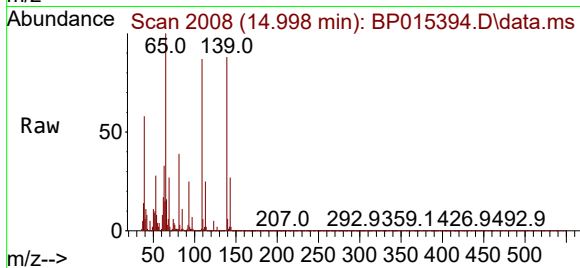




#55
4-Nitrophenol
Concen: 163.601 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. 0.041 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

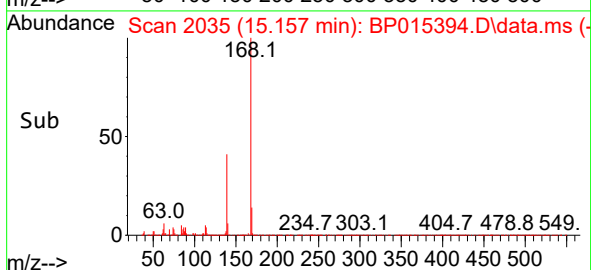
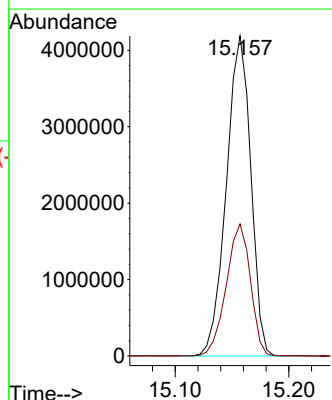
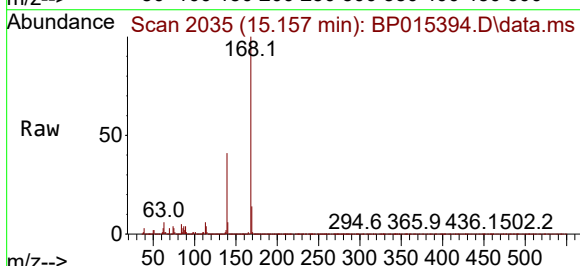
Instrument :
BNA_P
ClientSampleId :
SSTD160630

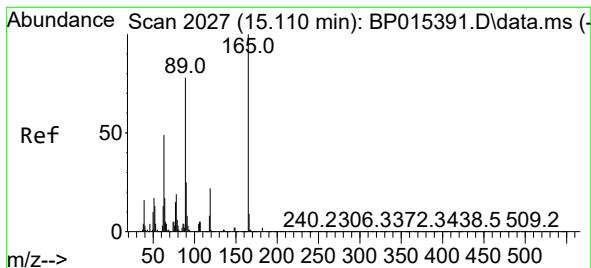
Tgt Ion:109 Resp: 1131570
Ion Ratio Lower Upper
109 100
139 100.5 89.1 133.7
65 114.8 103.1 154.7



#56
Dibenzofuran
Concen: 131.807 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:168 Resp: 6261396
Ion Ratio Lower Upper
168 100
139 41.3 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 147.723 ng/ul

RT: 15.134 min Scan# 2027

Delta R.T. 0.023 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

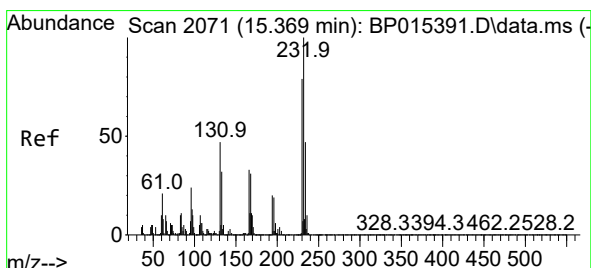
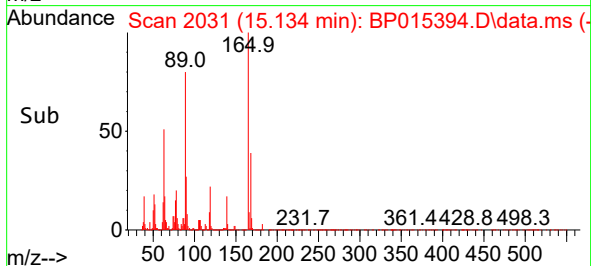
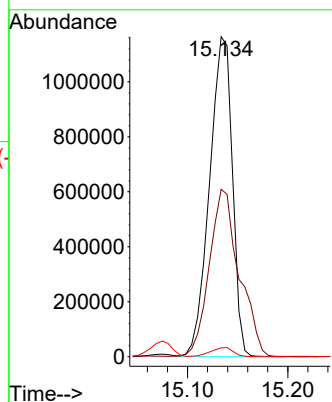
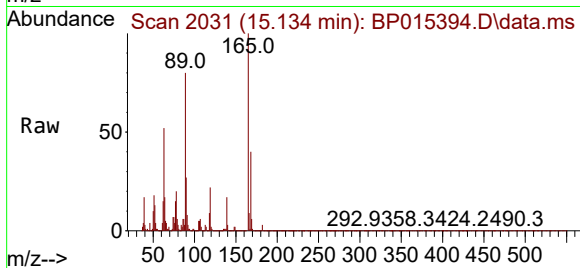
Tgt Ion:165 Resp: 1840344

Ion Ratio Lower Upper

165 100

63 52.3 39.1 58.7

182 2.8 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 154.253 ng/ul

RT: 15.381 min Scan# 2073

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Tgt Ion:232 Resp: 1597249

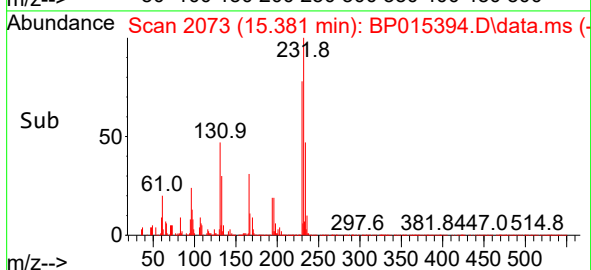
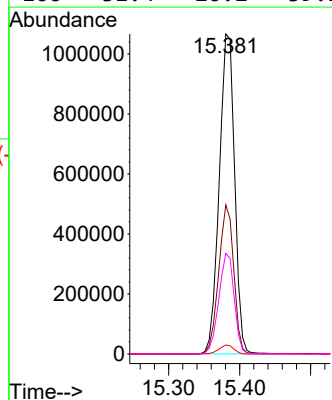
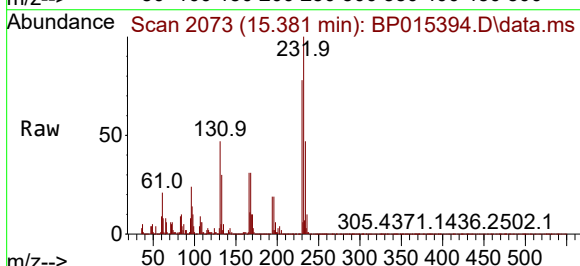
Ion Ratio Lower Upper

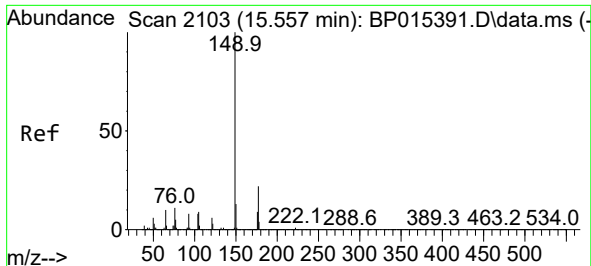
232 100

131 46.6 37.8 56.8

130 2.8 1.9 2.9

166 31.4 26.2 39.2

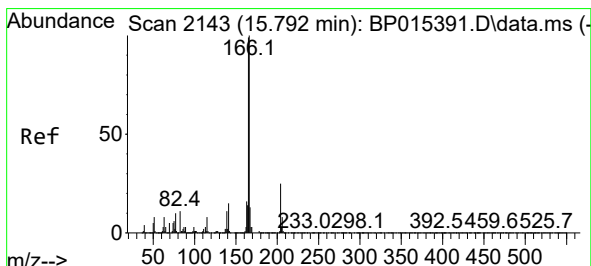
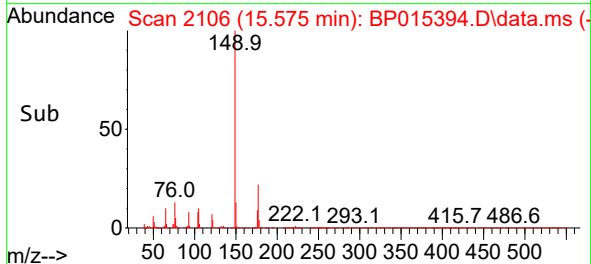
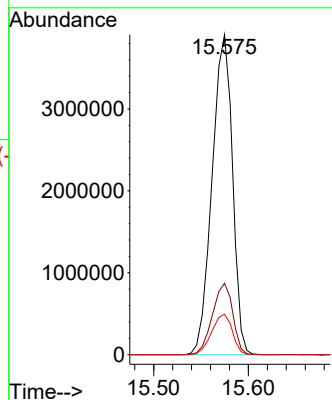
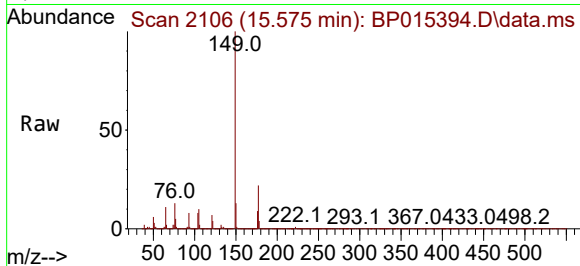




#59
Diethylphthalate
Concen: 137.712 ng/ul
RT: 15.575 min Scan# 2106
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

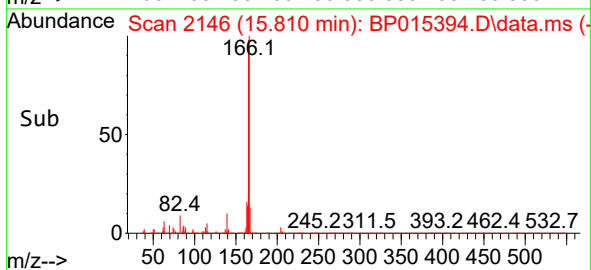
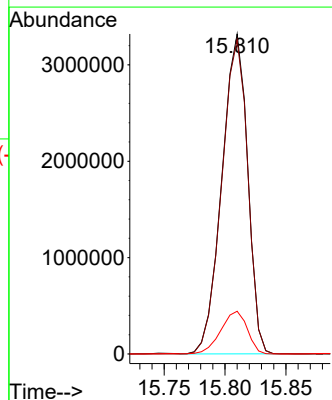
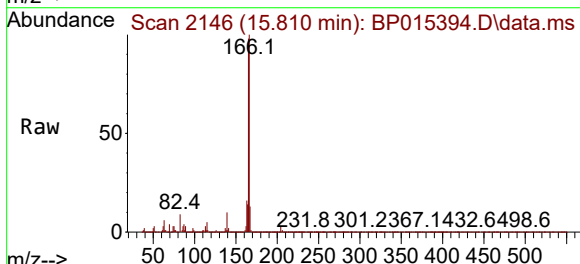
Instrument :
BNA_P
ClientSampleId :
SSTD160630

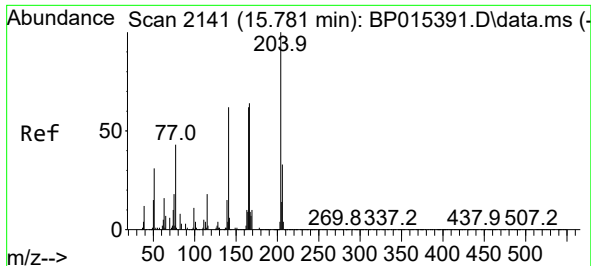
Tgt Ion:149 Resp: 5835172
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.7 10.1 15.1



#61
Fluorene
Concen: 126.381 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.018 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:166 Resp: 4894107
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.3 10.6 16.0

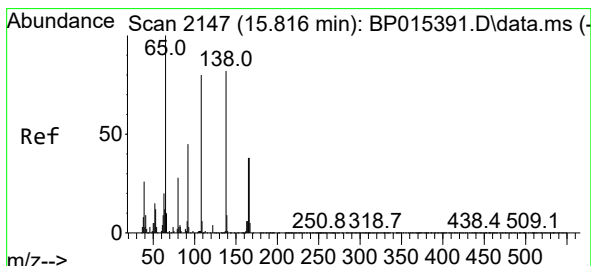
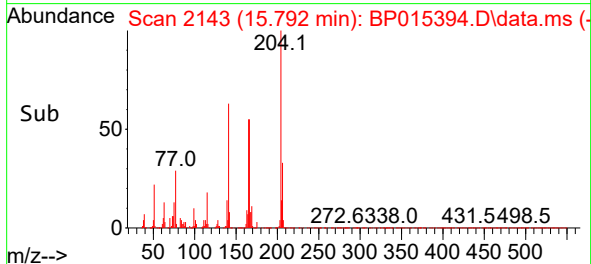
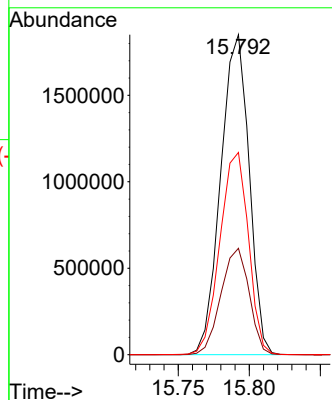
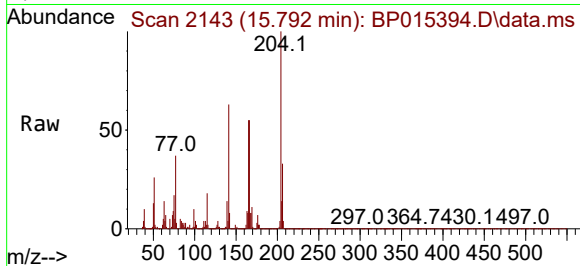




#62
4-Chlorophenyl-phenylether
Concen: 131.877 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

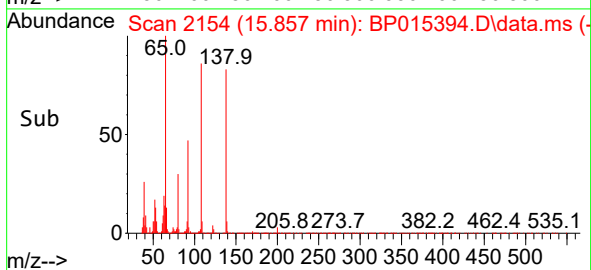
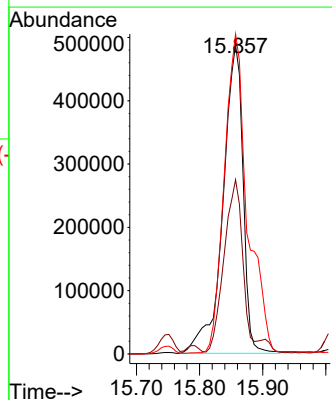
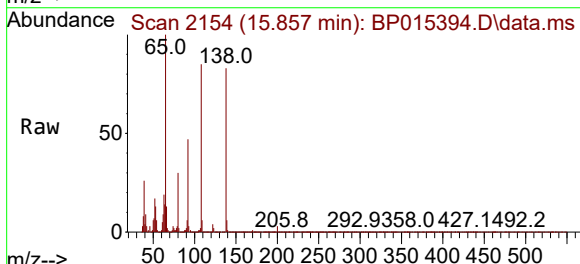
Instrument :
BNA_P
ClientSampleId :
SSTD160630

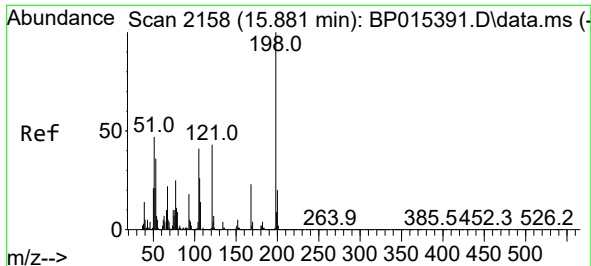
Tgt Ion:204 Resp: 2573841
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 63.2 49.8 74.8



#63
4-Nitroaniline
Concen: 163.697 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. 0.041 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:138 Resp: 1077976
Ion Ratio Lower Upper
138 100
92 56.3 44.6 67.0
108 103.5 78.4 117.6

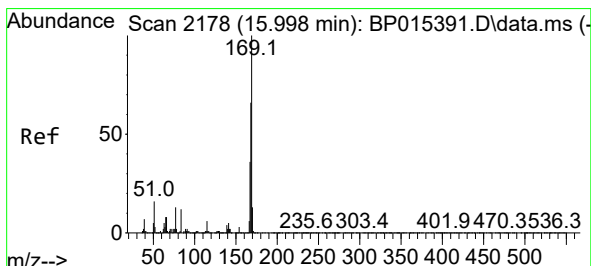
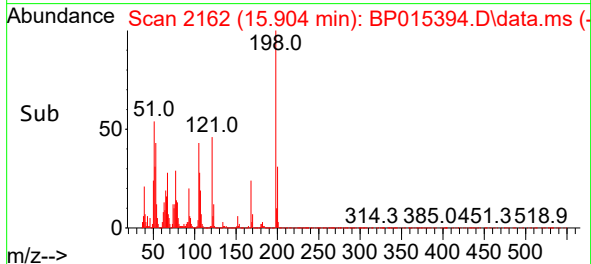
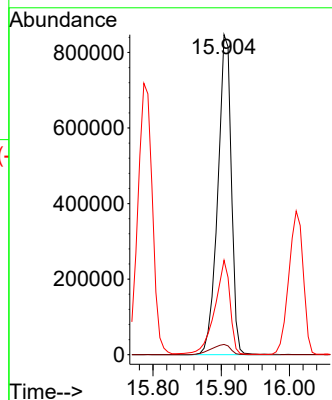
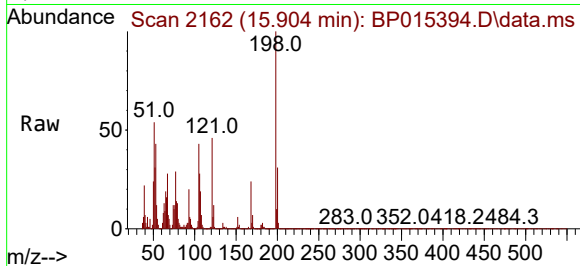




#66
4,6-Dinitro-2-methylphenol
Concen: 155.134 ng/ul
RT: 15.904 min Scan# 2158
Delta R.T. 0.023 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

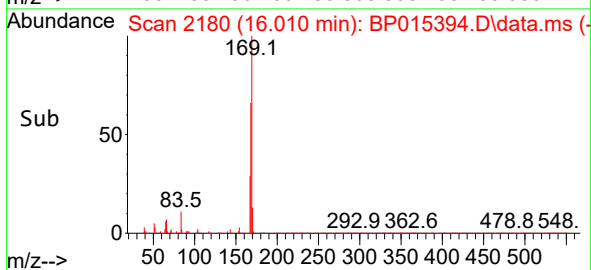
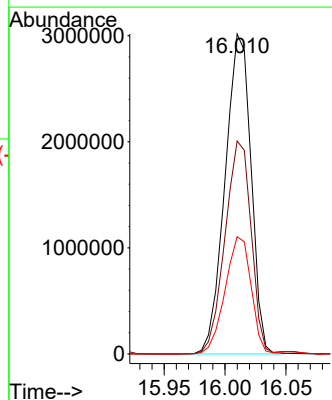
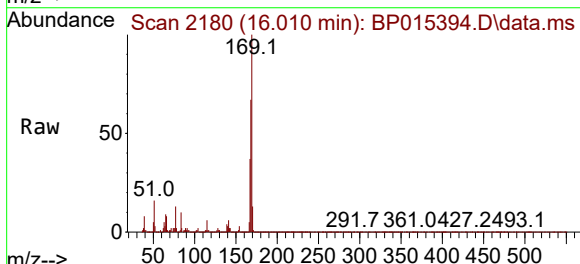
Instrument :
BNA_P
ClientSampleId :
SSTD160630

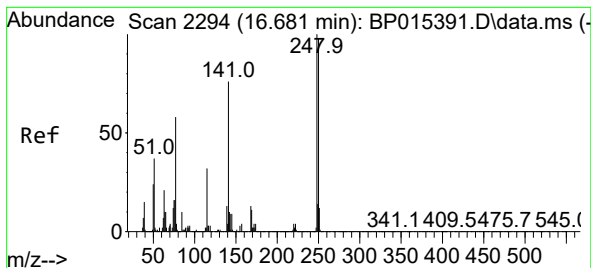
Tgt Ion:198 Resp: 1170057
Ion Ratio Lower Upper
198 100
182 3.2 3.0 4.4
77 29.5 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 134.953 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:169 Resp: 4469221
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.7 28.9 43.3

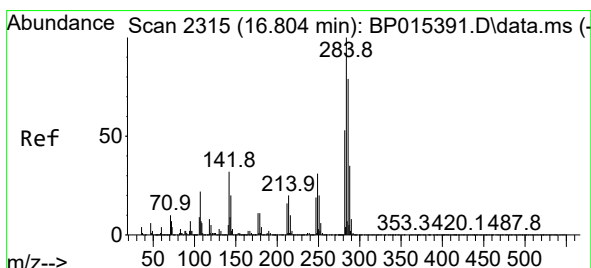
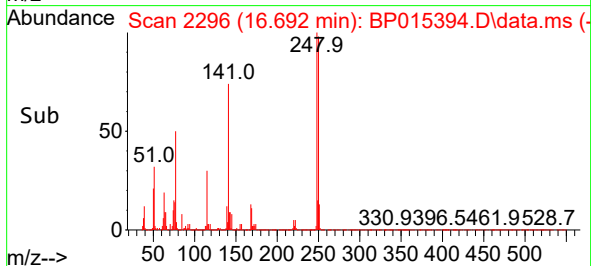
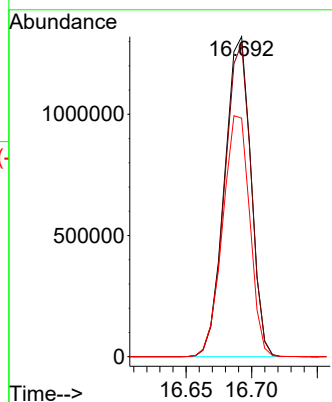
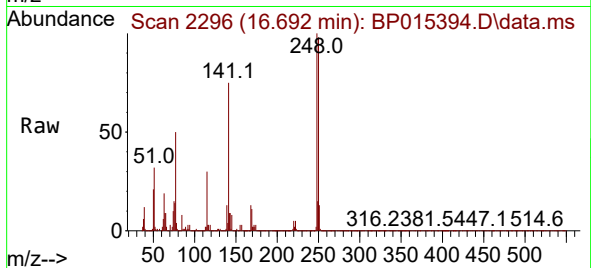




#68
4-Bromophenyl-phenylether
Concen: 148.357 ng/ul
RT: 16.692 min Scan# 2296
Delta R.T. 0.012 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

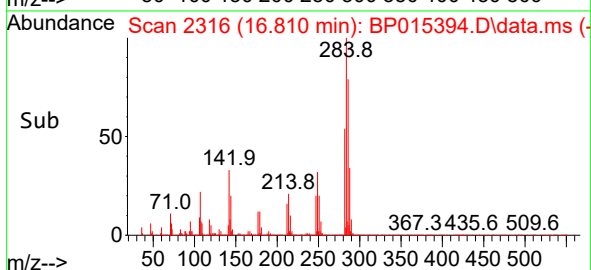
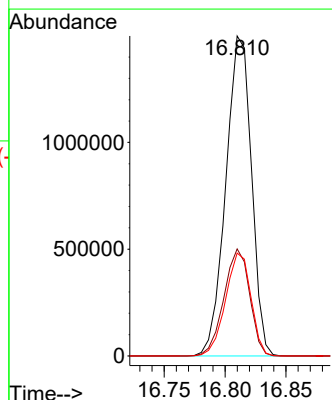
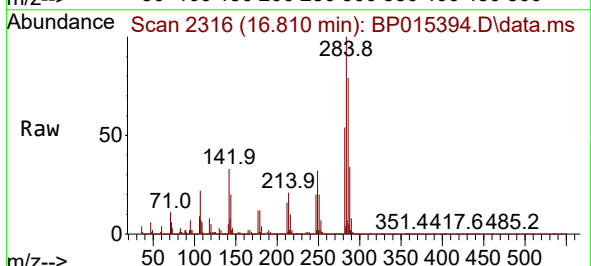
Instrument :
BNA_P
ClientSampleId :
SSTD160630

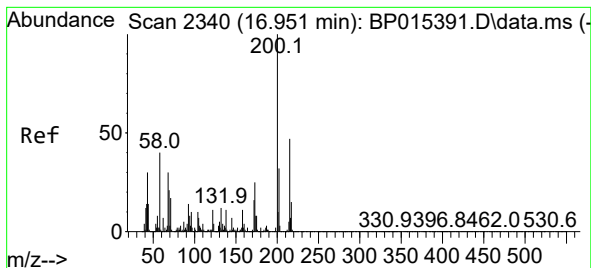
Tgt Ion:248 Resp: 1852760
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 74.6 61.1 91.7



#69
Hexachlorobenzene
Concen: 149.090 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. 0.006 min
Lab File: BP015394.D
Acq: 07 Jun 2023 12:23

Tgt Ion:284 Resp: 2196286
Ion Ratio Lower Upper
284 100
142 33.5 25.4 38.2
249 32.2 24.8 37.2





#70

Atrazine

Concen: 144.810 ng/ul

RT: 16.975 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

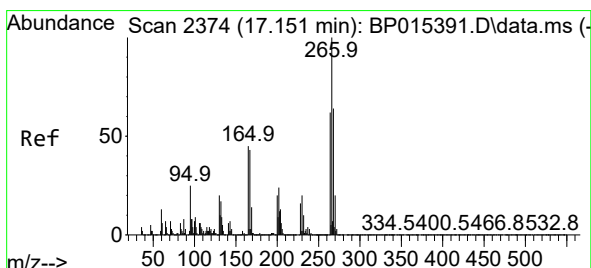
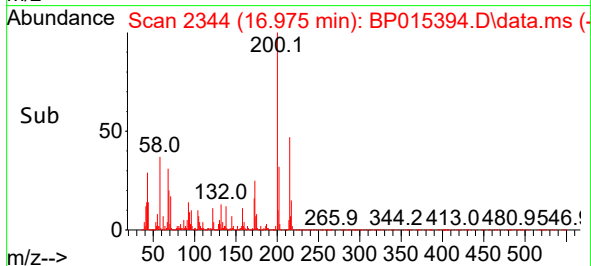
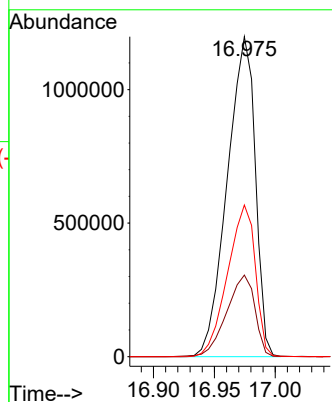
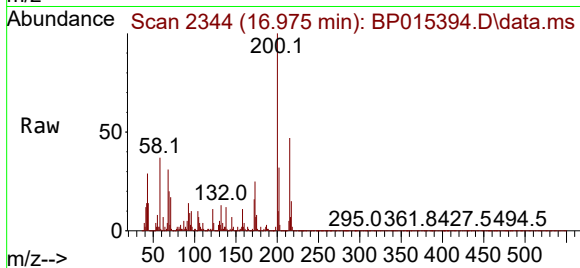
Tgt Ion:200 Resp: 1915050

Ion Ratio Lower Upper

200 100

173 25.5 19.8 29.6

215 47.4 37.4 56.0



#71

Pentachlorophenol

Concen: 176.119 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. 0.006 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

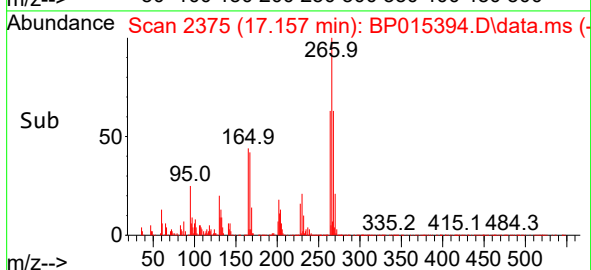
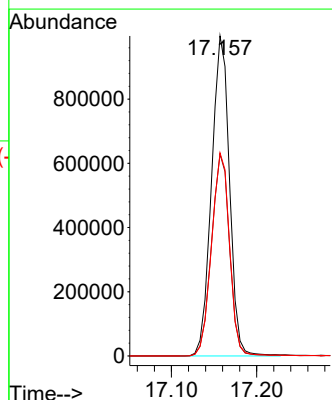
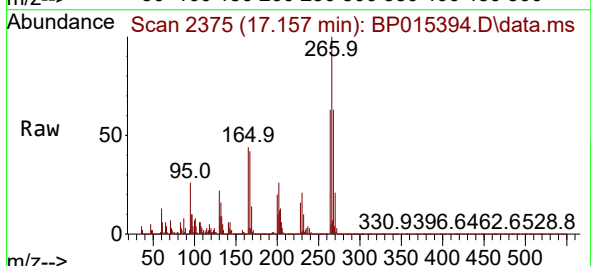
Tgt Ion:266 Resp: 1457780

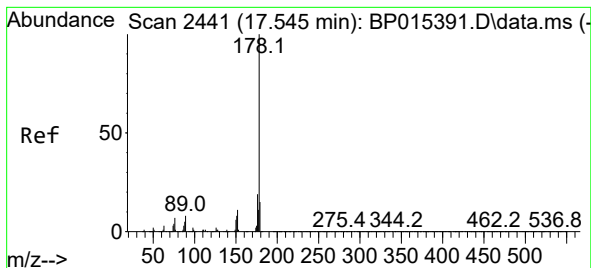
Ion Ratio Lower Upper

266 100

264 63.1 49.6 74.4

268 63.4 51.0 76.6





#72

Phenanthrene

Concen: 135.009 ng/uI

RT: 17.557 min Scan# 2441

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

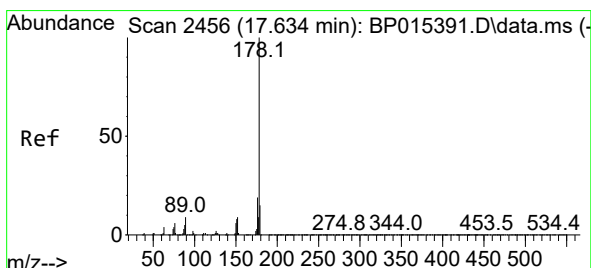
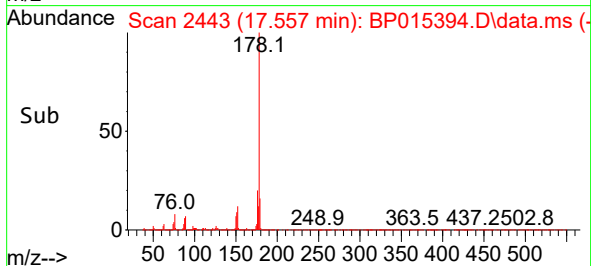
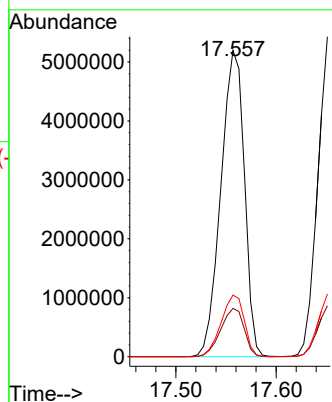
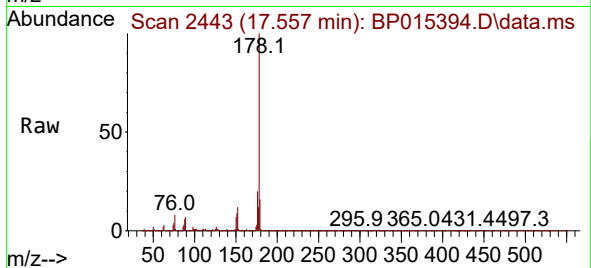
Tgt Ion:178 Resp: 8457413

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 20.1 15.4 23.0



#74

Anthracene

Concen: 128.317 ng/uI

RT: 17.657 min Scan# 2460

Delta R.T. 0.023 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

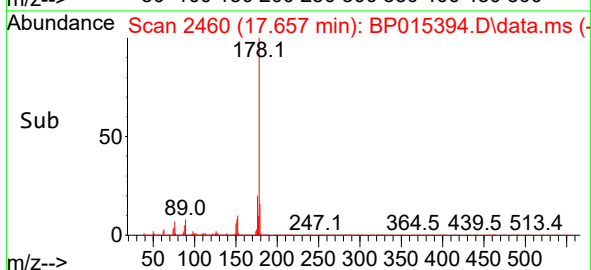
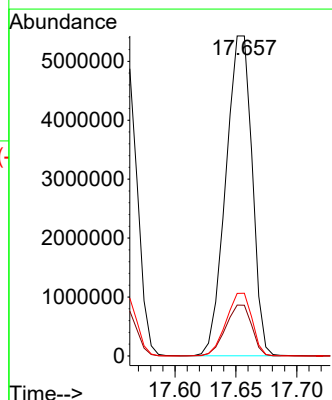
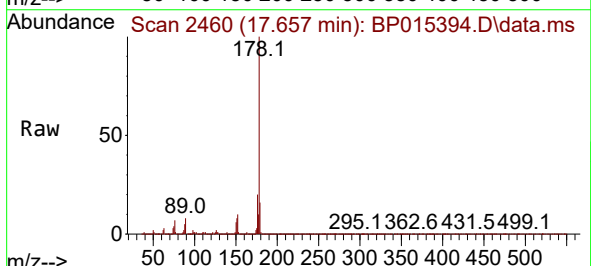
Tgt Ion:178 Resp: 8155880

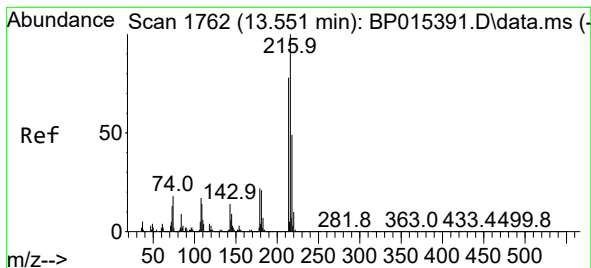
Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.6 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 154.444 ng/uL

RT: 13.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

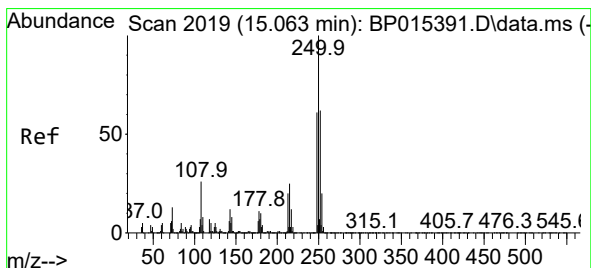
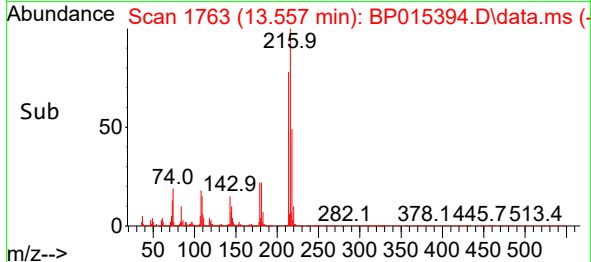
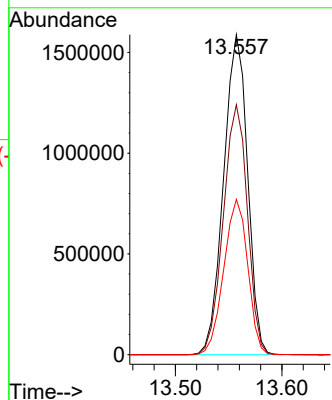
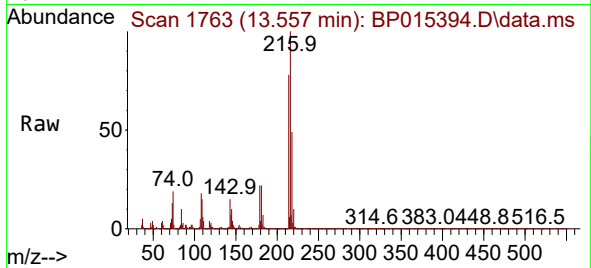
Tgt Ion:216 Resp: 2488208

Ion Ratio Lower Upper

216 100

214 78.1 62.1 93.1

218 48.6 39.0 58.4



#76

Pentachlorobenzene

Concen: 146.951 ng/uL

RT: 15.075 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

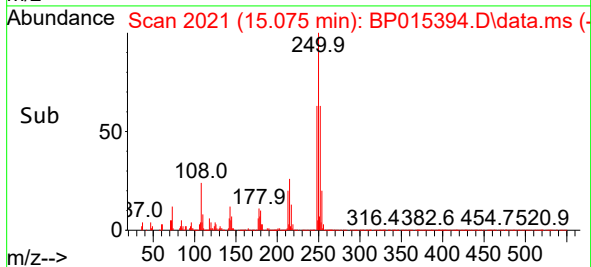
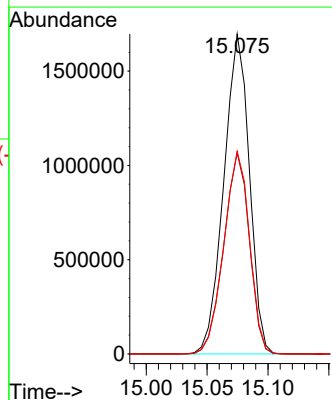
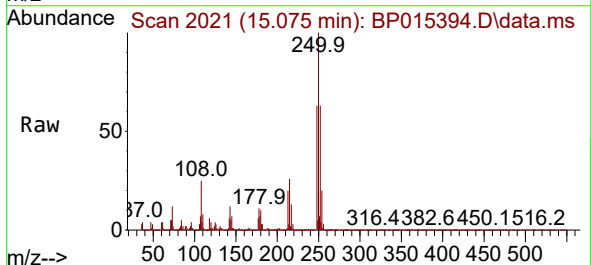
Tgt Ion:250 Resp: 2478768

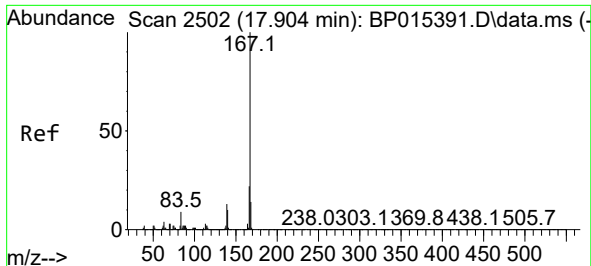
Ion Ratio Lower Upper

250 100

248 62.8 49.0 73.4

252 63.3 49.9 74.9

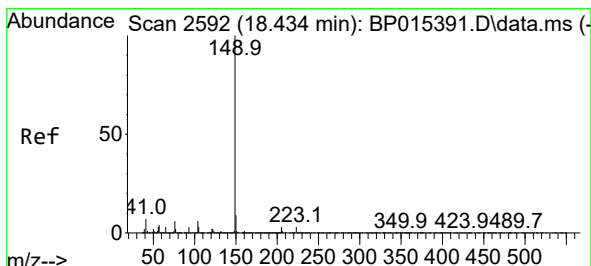
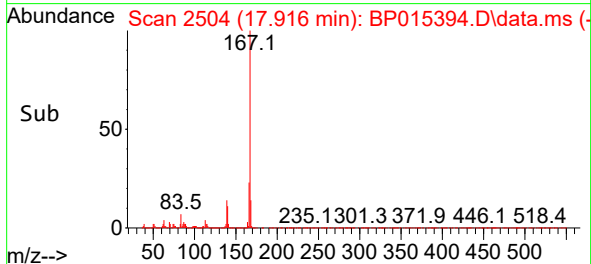
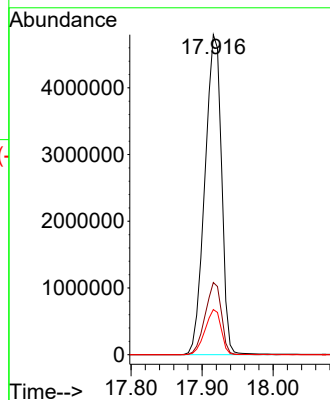
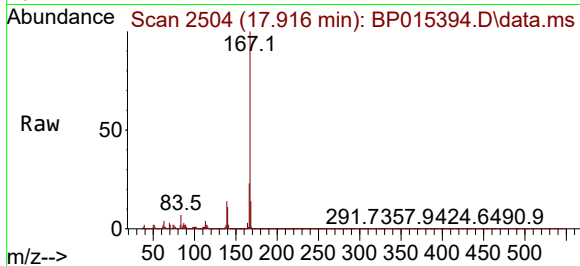




#77
 Carbazole
 Concen: 136.721 ng/ul
 RT: 17.916 min Scan# 2504
 Delta R.T. 0.012 min
 Lab File: BP015394.D
 Acq: 07 Jun 2023 12:23

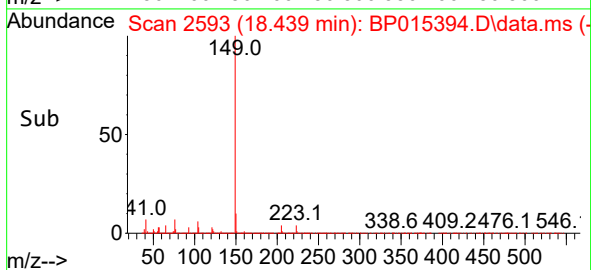
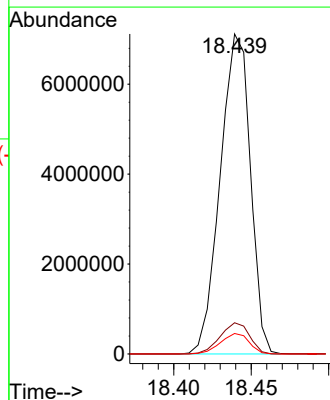
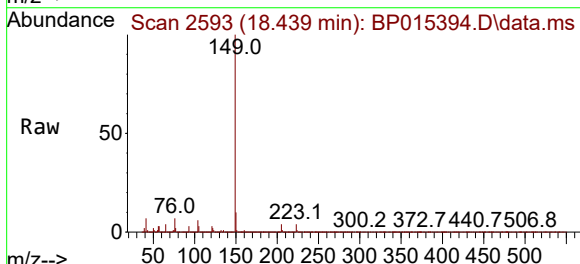
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160630

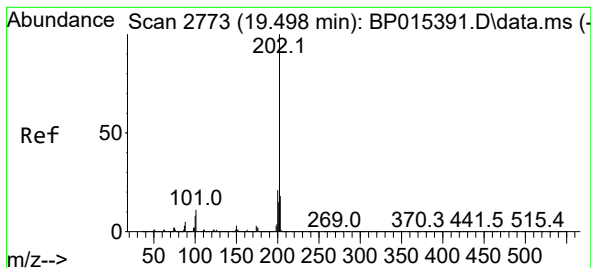
Tgt Ion:167 Resp: 7824644
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.2 25.8
 139 14.1 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 132.536 ng/ul
 RT: 18.439 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BP015394.D
 Acq: 07 Jun 2023 12:23

Tgt Ion:149 Resp: 9623808
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.1 10.7
 104 6.4 4.5 6.7





#80

Fluoranthene

Concen: 147.269 ng/ul

RT: 19.510 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

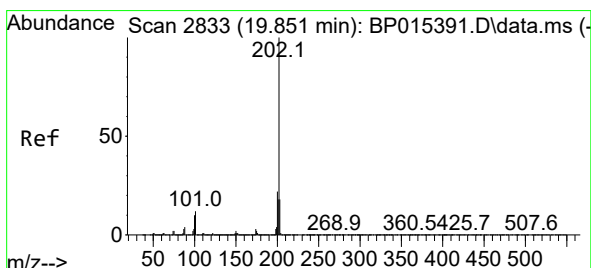
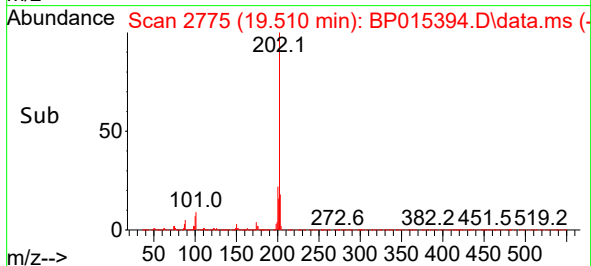
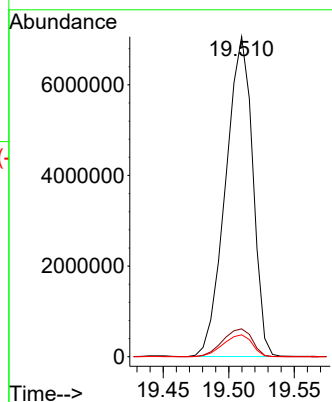
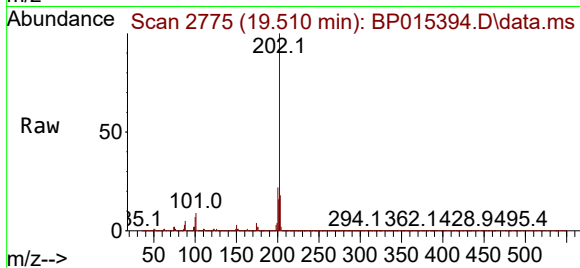
Tgt Ion:202 Resp:10149806

Ion Ratio Lower Upper

202 100

101 8.7 8.6 13.0

100 6.9 6.6 9.8



#82

Pyrene

Concen: 140.263 ng/ul

RT: 19.869 min Scan# 2836

Delta R.T. 0.018 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

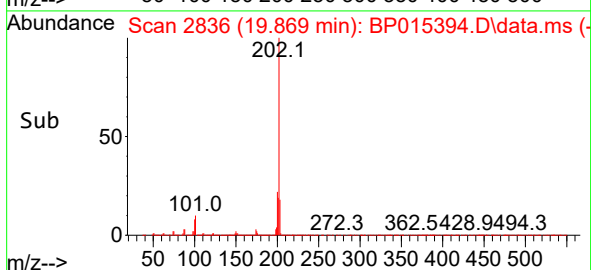
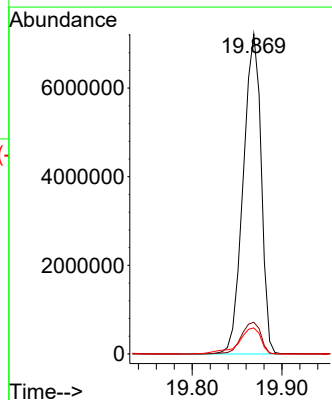
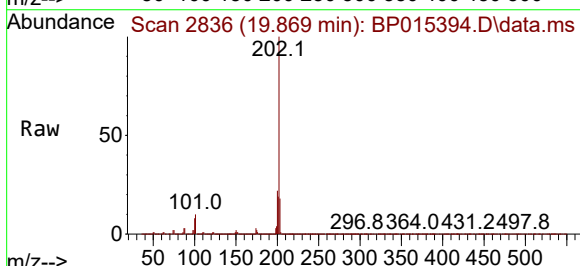
Tgt Ion:202 Resp:10001209

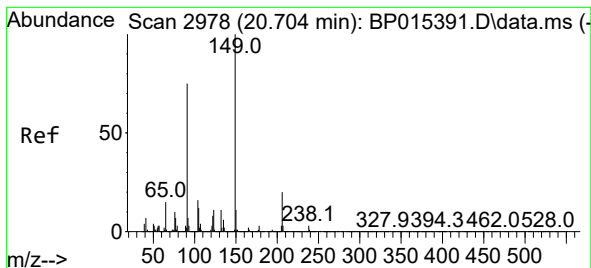
Ion Ratio Lower Upper

202 100

101 9.9 9.9 14.9#

100 8.2 8.4 12.6#





#83

Butylbenzylphthalate

Concen: 152.053 ng/ul

RT: 20.716 min Scan# 2978

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

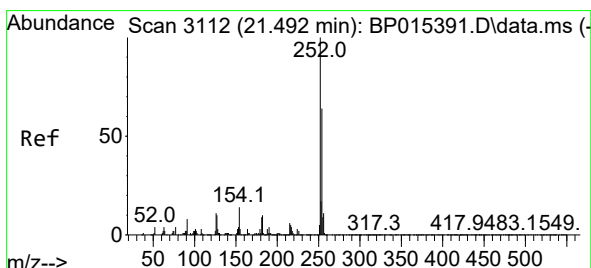
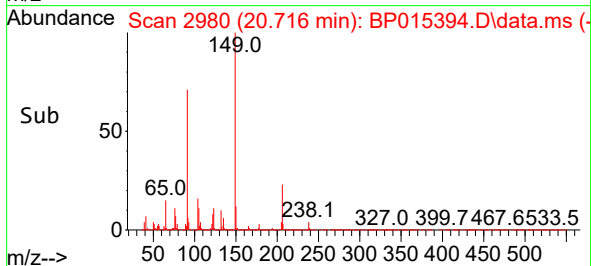
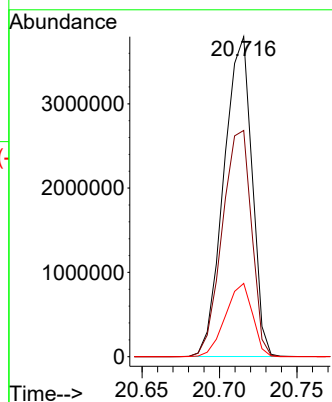
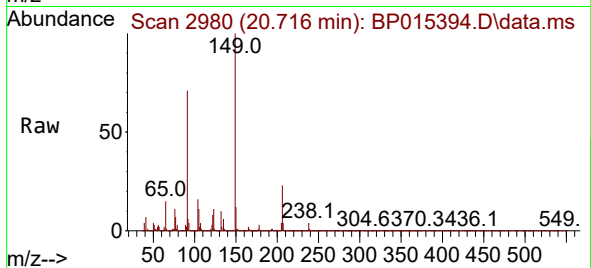
Tgt Ion:149 Resp: 4791991

Ion Ratio Lower Upper

149 100

91 70.7 60.4 90.6

206 22.9 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 149.514 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

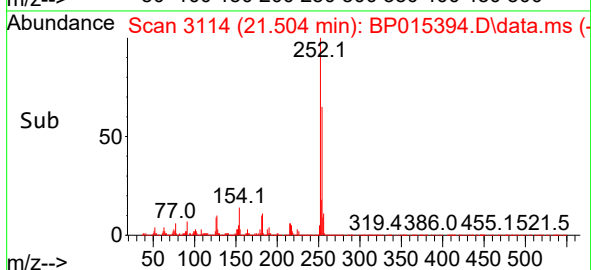
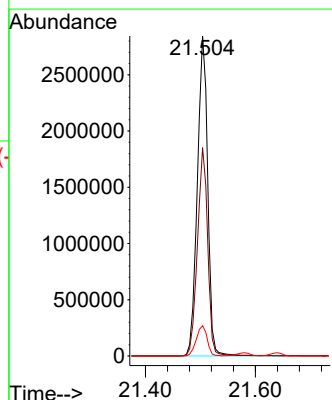
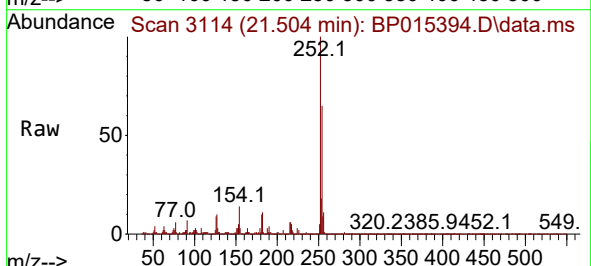
Tgt Ion:252 Resp: 3734140

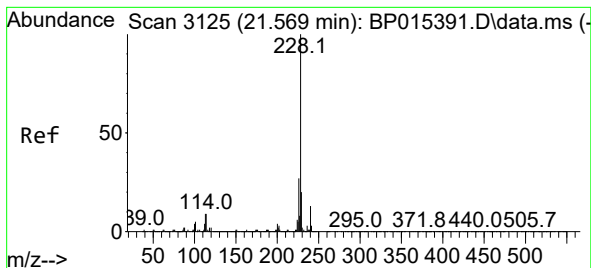
Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

126 9.4 8.5 12.7





#85

Benzo(a)anthracene

Concen: 146.604 ng/ul

RT: 21.580 min Scan# 3125

Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

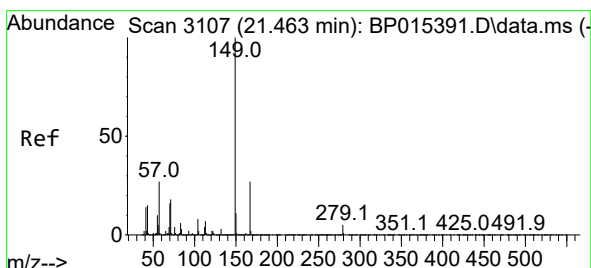
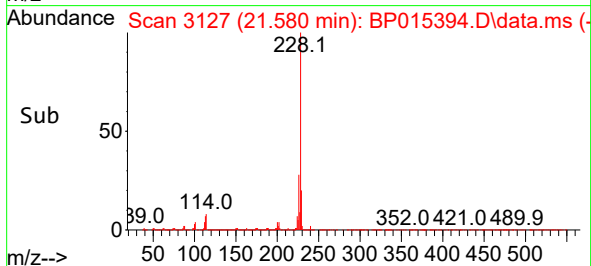
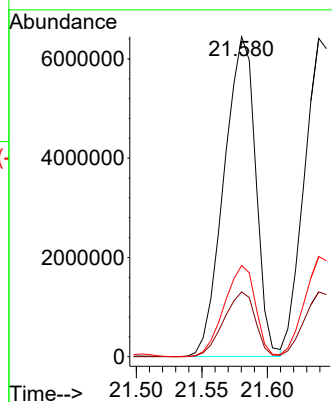
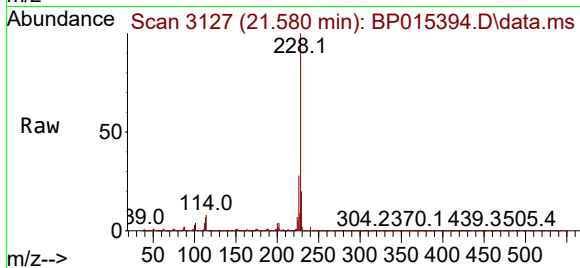
Tgt Ion:228 Resp:10834395

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.6

226 28.5 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 145.410 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

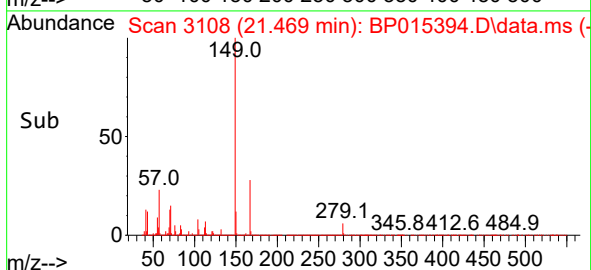
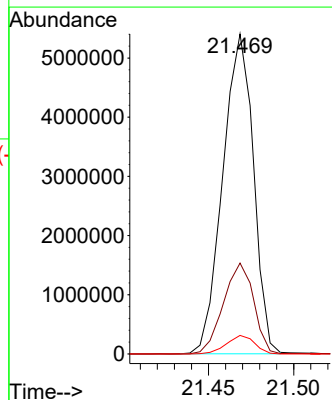
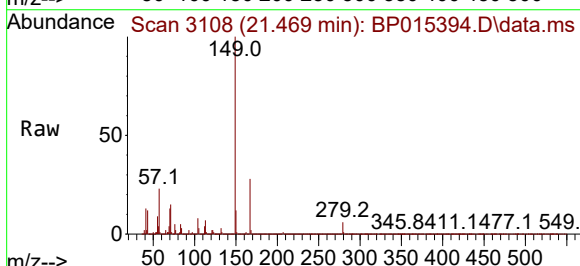
Tgt Ion:149 Resp: 6773505

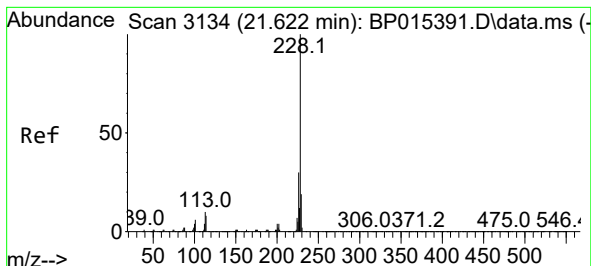
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

279 5.8 3.7 5.5#





#87

Chrysene

Concen: 139.834 ng/ul

RT: 21.639 min Scan# 3137

Delta R.T. 0.017 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

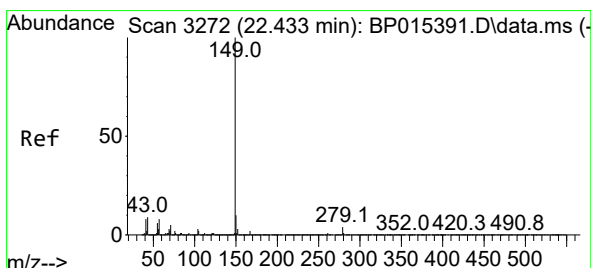
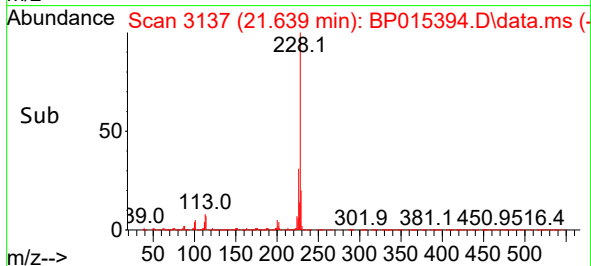
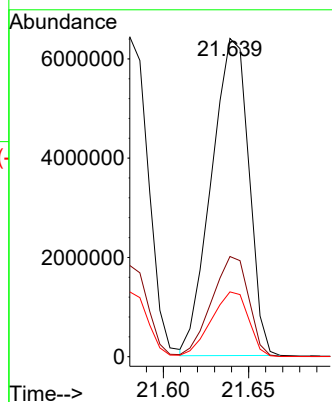
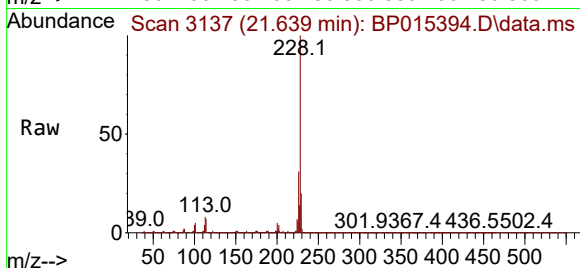
Tgt Ion:228 Resp: 9767919

Ion Ratio Lower Upper

228 100

226 31.5 23.9 35.9

229 20.4 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 143.179 ng/ul

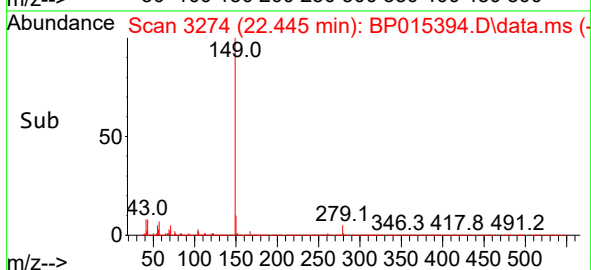
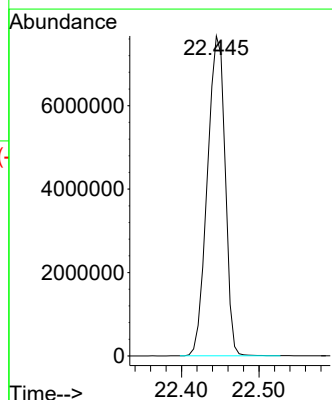
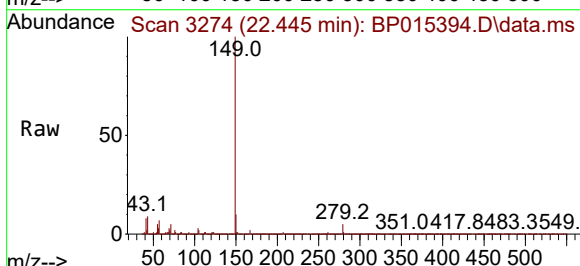
RT: 22.445 min Scan# 3274

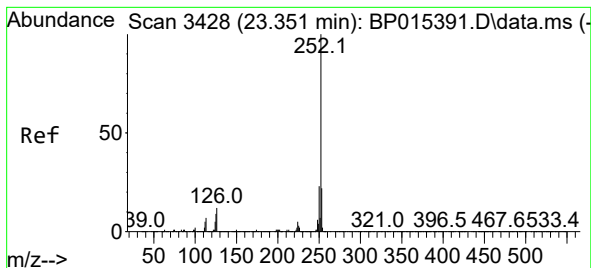
Delta R.T. 0.012 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Tgt Ion:149 Resp:12222668





#90

Benzo(b)fluoranthene

Concen: 153.757 ng/ul

RT: 23.380 min Scan# 3428

Delta R.T. 0.029 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

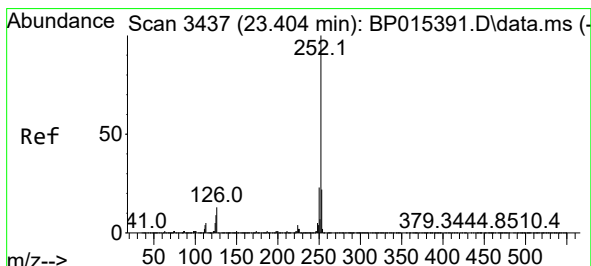
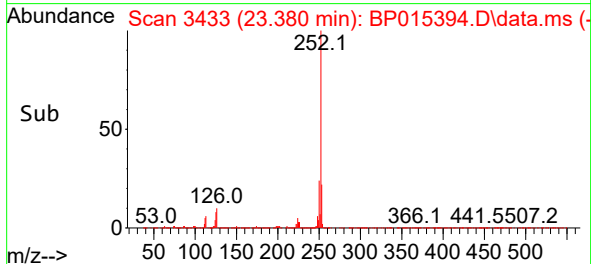
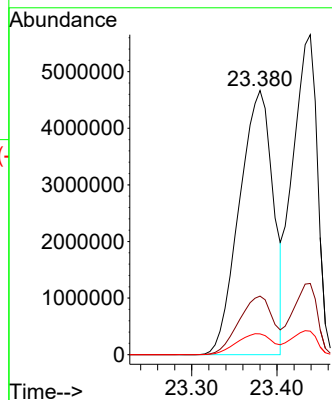
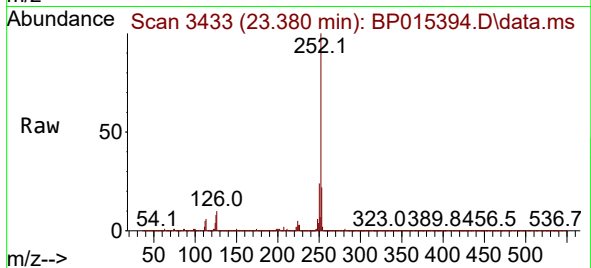
Tgt Ion:252 Resp:12891490

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 7.9 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 139.965 ng/ul

RT: 23.439 min Scan# 3443

Delta R.T. 0.035 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

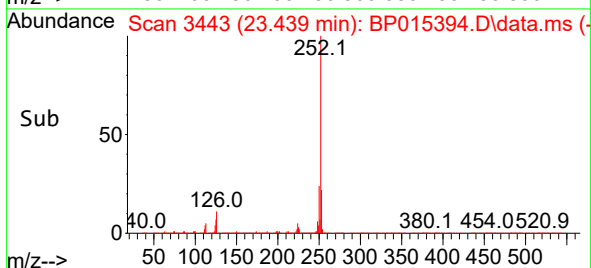
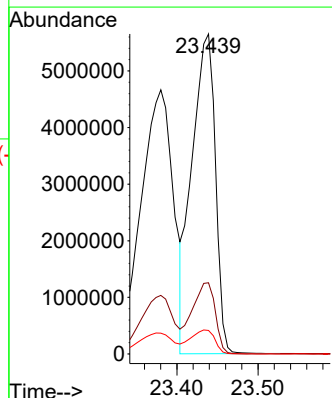
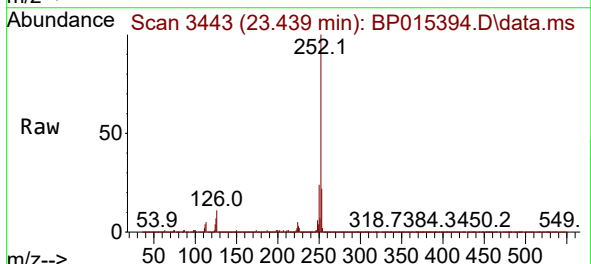
Tgt Ion:252 Resp:11343889

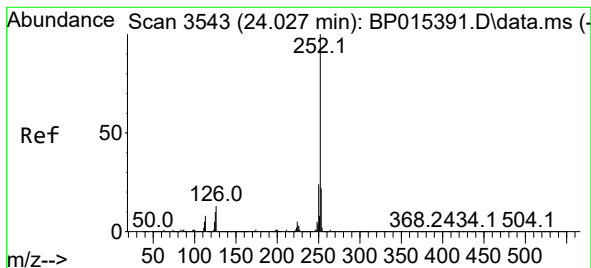
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 146.682 ng/ul

RT: 24.068 min Scan# 3

Delta R.T. 0.041 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

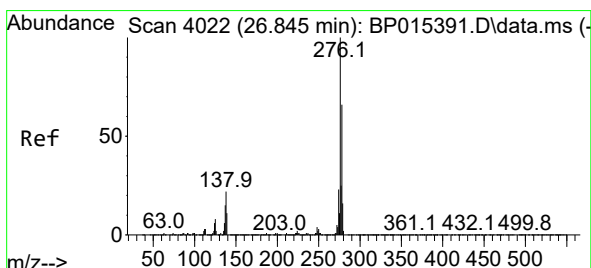
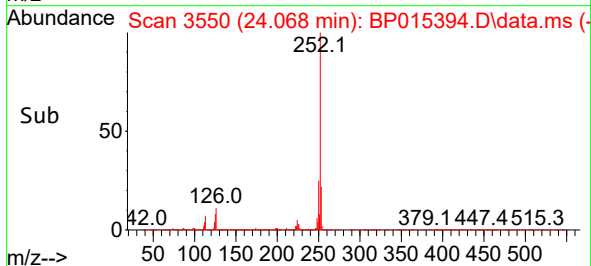
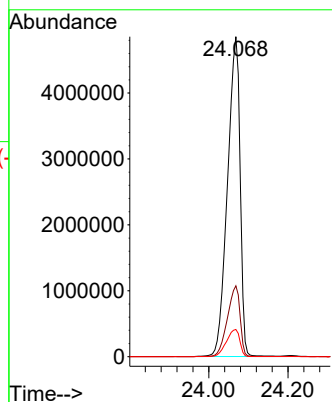
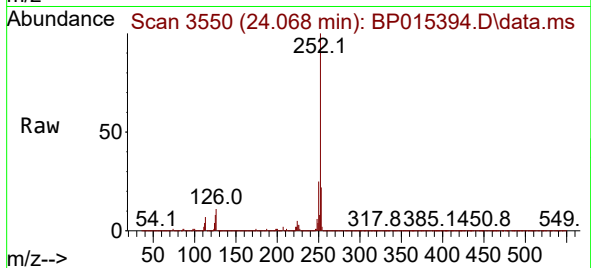
Tgt Ion:252 Resp:10722326

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.5 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 113.095 ng/ul

RT: 26.915 min Scan# 4034

Delta R.T. 0.070 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

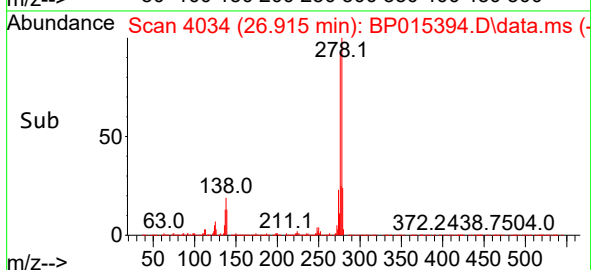
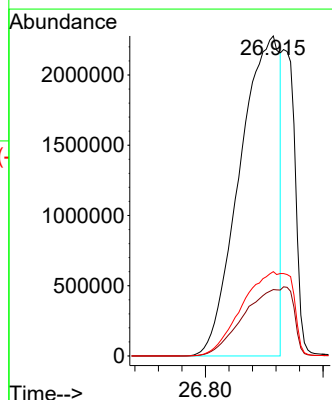
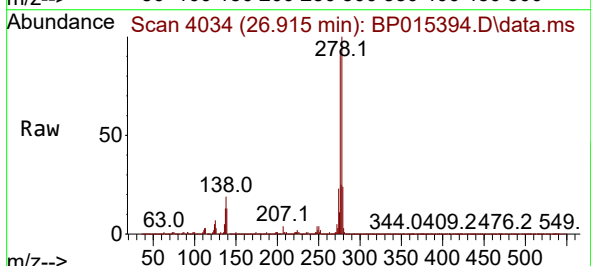
Tgt Ion:276 Resp:10699117

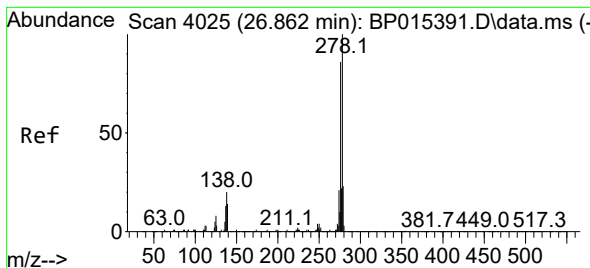
Ion Ratio Lower Upper

276 100

138 20.8 17.3 25.9

277 26.3 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 147.803 ng/ul

RT: 26.939 min Scan# 4025

Delta R.T. 0.076 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

SSTD160630

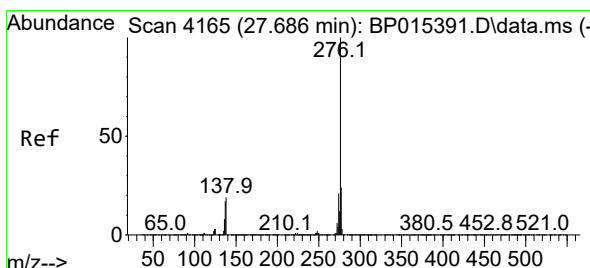
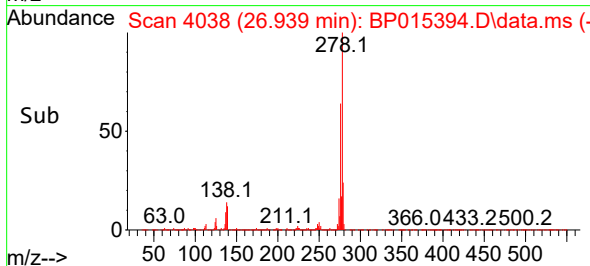
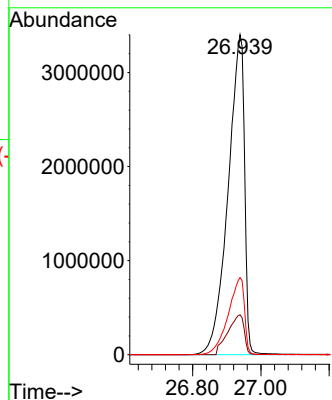
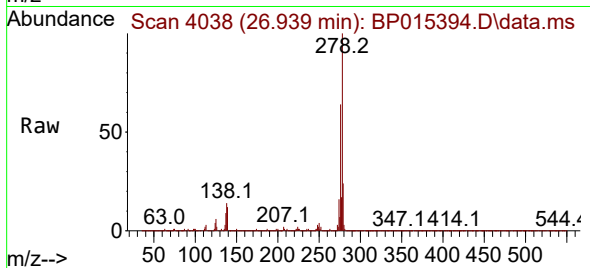
Tgt Ion:278 Resp:11391592

Ion Ratio Lower Upper

278 100

139 12.5 11.4 17.0

279 24.1 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 144.427 ng/ul

RT: 27.756 min Scan# 4177

Delta R.T. 0.070 min

Lab File: BP015394.D

Acq: 07 Jun 2023 12:23

Tgt Ion:276 Resp:11259859

Ion Ratio Lower Upper

276 100

138 18.2 15.6 23.4

277 24.0 19.0 28.6

