

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042523\
 Data File : BP014823.D
 Acq On : 25 Apr 2023 14:33
 Operator : CG/JU
 Sample : SST01054
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010640

Quant Time: Apr 26 02:06:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 17:28:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	253689	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1125258	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	762657	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	1687282	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1557589	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1539573	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	24928	3.863	ng/uL	0.00
4) Pyridine-d5	3.940	84	178516	9.539	ng/u1	0.00
7) Phenol-d5	7.334	99	211218	9.159	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	135765	9.796	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	157373	9.241	ng/u1	0.00
15) 4-Methylphenol-d8	8.899	113	171150	9.240	ng/u1	0.00
21) Nitrobenzene-d5	9.369	128	74581	8.854	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	72649	8.391	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	169405	9.414	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	261025	10.108	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	581496	9.826	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	668033	9.847	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	97511	9.045	ng/u1	0.00
60) Fluorene-d10	15.816	176	508983	10.102	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	69669	7.441	ng/u1	0.00
73) Anthracene-d10	17.675	188	795784	10.044	ng/u1	0.00
81) Pyrene-d10	19.892	212	904676	9.553	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	752825	9.432	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	27101	3.892	ng/uL#	97
5) Pyridine	3.958	79	185892	9.688	ng/u1	95
6) Benzaldehyde	7.322	77	128868	11.765	ng/u1	98
8) Phenol	7.363	94	225998	9.423	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.610	93	185917	9.670	ng/u1	99
12) 2-Chlorophenol	7.752	128	164806	9.279	ng/u1	97
13) 2-Methylphenol	8.634	108	167889	9.280	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.734	45	236697	9.878	ng/u1	98
16) Acetophenone	9.028	105	303572	10.476	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.010	70	145579	9.817	ng/u1	97
18) 4-Methylphenol	8.963	108	188575	9.311	ng/u1	98
19) Hexachloroethane	9.299	117	67547	9.428	ng/u1	97
22) Nitrobenzene	9.416	77	204223	9.531	ng/u1	99
23) Isophorone	9.940	82	424764	9.596	ng/u1	99
25) 2-Nitrophenol	10.134	139	85312	8.827	ng/u1	95
26) 2,4-Dimethylphenol	10.181	107	210060	9.795	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.428	93	273236	9.805	ng/u1	98
29) 2,4-Dichlorophenol	10.669	162	171887	9.586	ng/u1	96
30) Naphthalene	11.081	128	617709	9.924	ng/u1	98
32) 4-Chloroaniline	11.187	127	270056	10.380	ng/u1	99
33) Hexachlorobutadiene	11.369	225	111481	9.775	ng/u1	100
34) Caprolactam	11.946	113	52471	8.861	ng/u1	97
35) 4-Chloro-3-methylphenol	12.287	107	190912	9.615	ng/u1	98
36) 2-Methylnaphthalene	12.675	142	422483	9.997	ng/u1	99

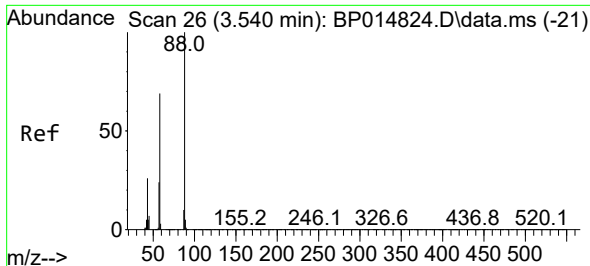
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042523\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.893	142	425513	10.100	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.034	216	232678	9.738	ng/ul	100
40) Hexachlorocyclopentadiene	13.016	237	112313	8.112	ng/ul	99
41) 2,4,6-Trichlorophenol	13.269	196	142784	9.415	ng/ul	99
42) 2,4,5-Trichlorophenol	13.334	196	157888	9.421	ng/ul	100
43) 1,1'-Biphenyl	13.669	154	599375	9.998	ng/ul	99
44) 2-Chloronaphthalene	13.710	162	466118	9.932	ng/ul	99
45) 2-Nitroaniline	13.910	65	102719	8.739	ng/ul	98
47) Dimethylphthalate	14.275	163	593401	10.005	ng/ul	99
48) 2,6-Dinitrotoluene	14.398	165	93136	8.764	ng/ul	98
50) Acenaphthylene	14.551	152	732900	10.003	ng/ul	100
51) 3-Nitroaniline	14.728	138	102522	8.795	ng/ul	98
52) Acenaphthene	14.892	153	504762	10.022	ng/ul	98
53) 2,4-Dinitrophenol	14.922	184	39700	6.342	ng/ul	94
55) 4-Nitrophenol	15.010	109	77448	9.601	ng/ul	96
56) Dibenzofuran	15.222	168	717766	10.120	ng/ul	100
57) 2,4-Dinitrotoluene	15.175	165	143317	9.153	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.445	232	135258	9.571	ng/ul	99
59) Diethylphthalate	15.634	149	565479	9.845	ng/ul	99
61) Fluorene	15.875	166	593219	10.602	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.863	204	293882	10.361	ng/ul	96
63) 4-Nitroaniline	15.881	138	104648	9.953	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.939	198	75603	8.034	ng/ul#	95
67) N-Nitrosodiphenylamine	16.075	169	495517	9.986	ng/ul	98
68) 4-Bromophenyl-phenylether	16.763	248	176478	9.666	ng/ul	98
69) Hexachlorobenzene	16.875	284	205885	9.724	ng/ul	97
70) Atrazine	17.022	200	162326	9.571	ng/ul	98
71) Pentachlorophenol	17.222	266	106343	8.562	ng/ul	100
72) Phenanthrene	17.622	178	936218	10.132	ng/ul	99
74) Anthracene	17.710	178	950548	10.203	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.634	216	241107	9.599	ng/ul	99
76) Pentachlorobenzene	15.145	250	242657	9.785	ng/ul	99
77) Carbazole	17.975	167	840478	10.600	ng/ul	100
78) Di-n-butylphthalate	18.510	149	902092	9.586	ng/ul	99
80) Fluoranthene	19.569	202	1072985	9.614	ng/ul	98
82) Pyrene	19.916	202	1143385	9.906	ng/ul	100
83) Butylbenzylphthalate	20.774	149	326220	8.423	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.557	252	292663	9.004	ng/ul	98
85) Benzo(a)anthracene	21.633	228	1069936	9.874	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	486048	8.454	ng/ul	100
87) Chrysene	21.692	228	1022737	9.956	ng/ul	98
89) Di-n-octyl phthalate	22.527	149	802203	7.837	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	1014060	9.618	ng/ul	98
91) Benzo(k)fluoranthene	23.498	252	976749	9.552	ng/ul	99
93) Benzo(a)pyrene	24.133	252	856105	9.586	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.004	276	956148	9.495	ng/ul	99
95) Dibenzo(a,h)anthracene	27.027	278	801982	9.549	ng/ul	99
96) Benzo(g,h,i)perylene	27.856	276	755755	9.472	ng/ul	98

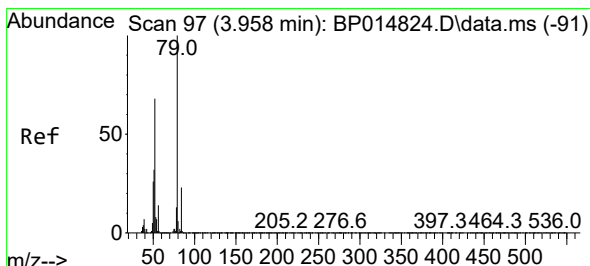
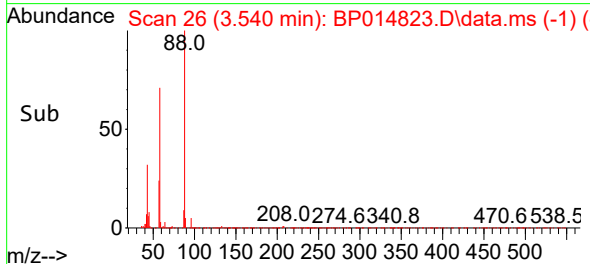
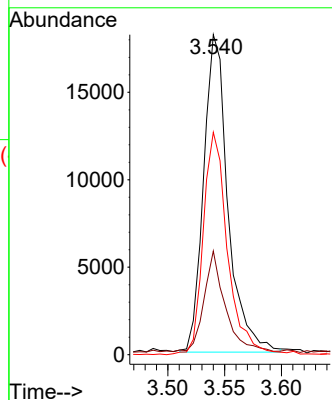
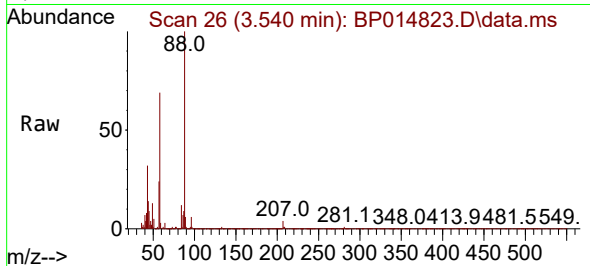
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#2
1,4-Dioxane
Concen: 3.892 ng/uL
RT: 3.540 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014823.D
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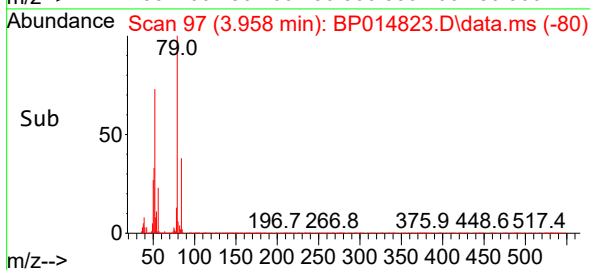
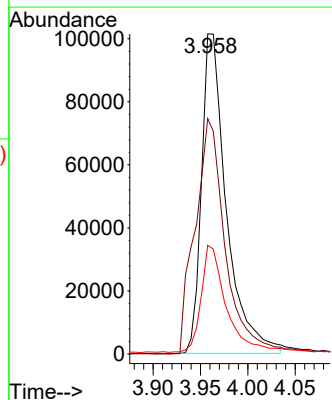
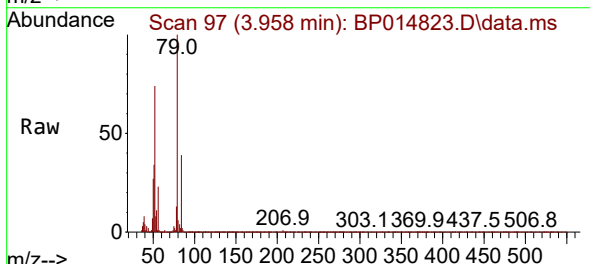
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ClientSampleId :
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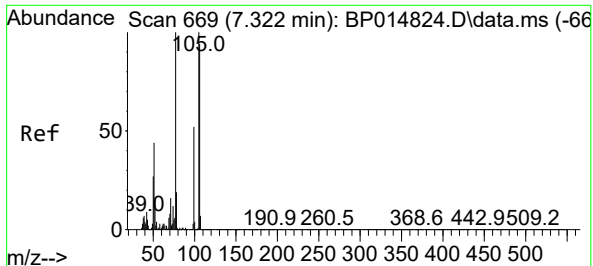
Tgt Ion: 88 Resp: 27101
Ion Ratio Lower Upper
88 100
43 32.4 21.3 31.9#
58 69.5 55.4 83.0



#5
Pyridine
Concen: 9.688 ng/uL
RT: 3.958 min Scan# 97
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion: 79 Resp: 185892
Ion Ratio Lower Upper
79 100
52 73.5 54.7 82.1
51 34.0 25.5 38.3

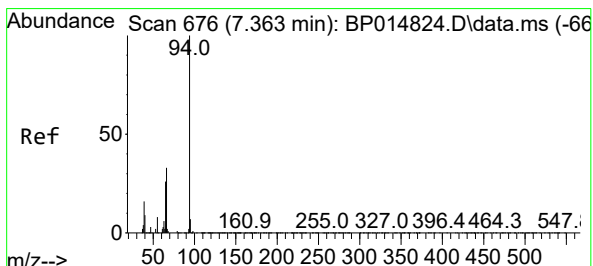
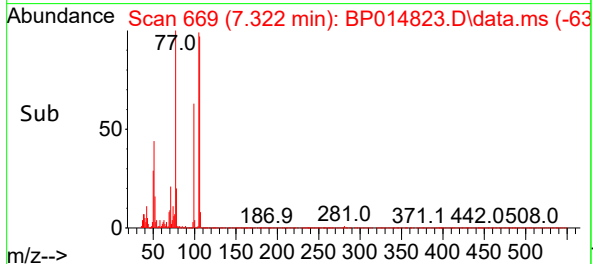
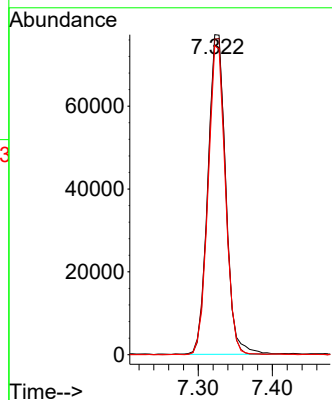
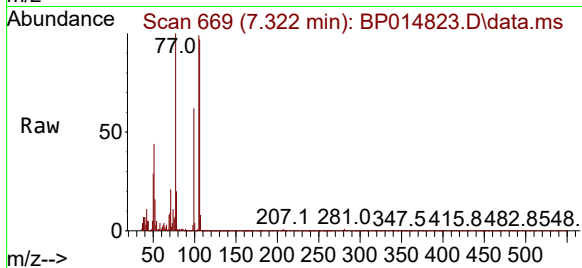




#6
Benzaldehyde
Concen: 11.765 ng/ul
RT: 7.322 min Scan# 609
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

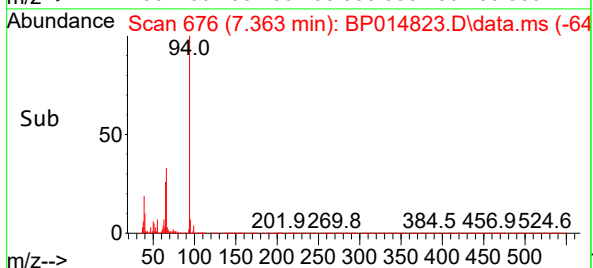
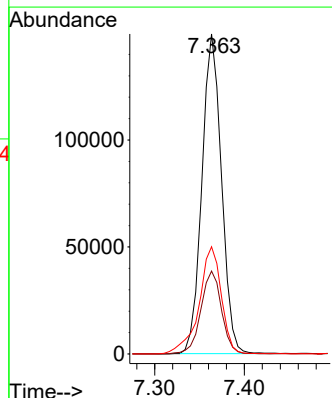
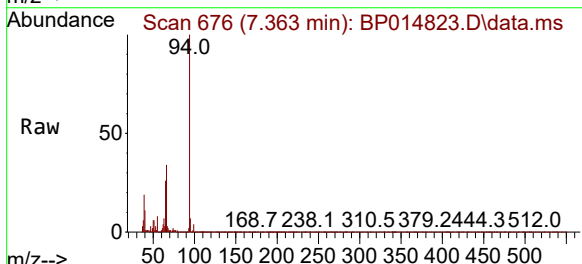
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BNA_P
ClientSampleId :
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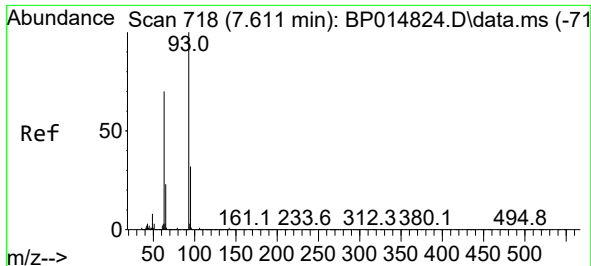
Tgt Ion: 77 Resp: 128868
Ion Ratio Lower Upper
77 100
105 98.7 79.9 119.9
106 96.5 75.2 112.8



#8
Phenol
Concen: 9.423 ng/ul
RT: 7.363 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion: 94 Resp: 225998
Ion Ratio Lower Upper
94 100
65 25.9 21.0 31.6
66 33.5 27.0 40.6





#10

Bis(2-Chloroethyl)ether

Concen: 9.670 ng/ul

RT: 7.610 min Scan# 718

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

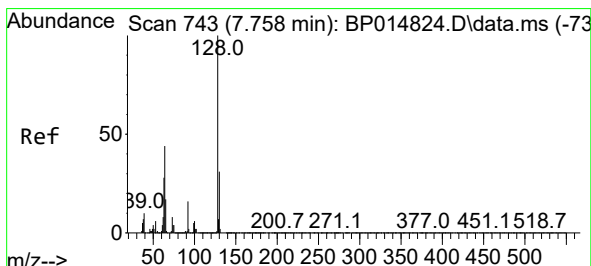
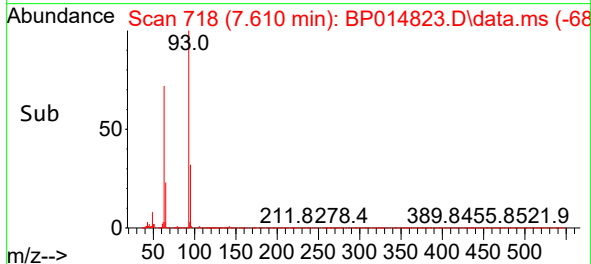
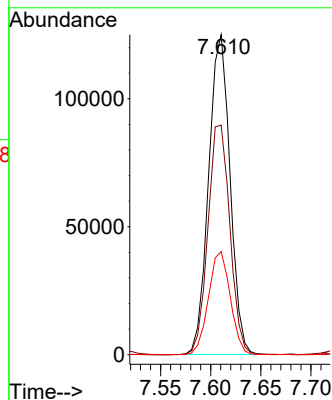
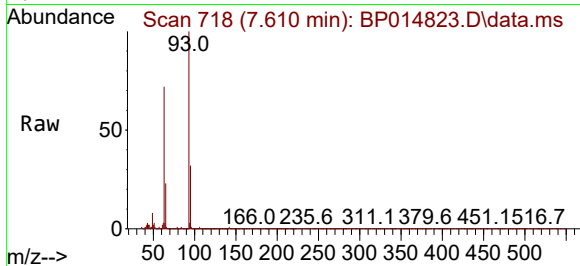
Tgt Ion: 93 Resp: 185917

Ion Ratio Lower Upper

93 100

63 71.7 56.3 84.5

95 32.3 25.9 38.9



#12

2-Chlorophenol

Concen: 9.279 ng/ul

RT: 7.752 min Scan# 742

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

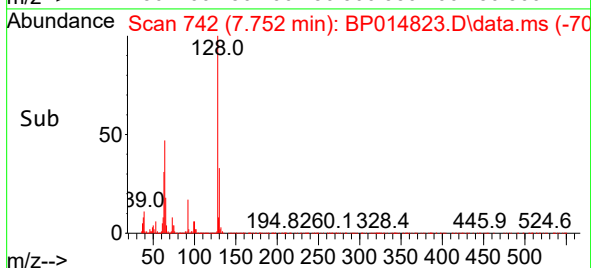
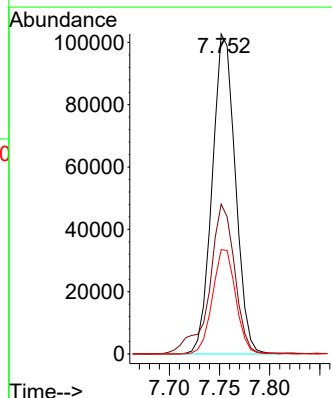
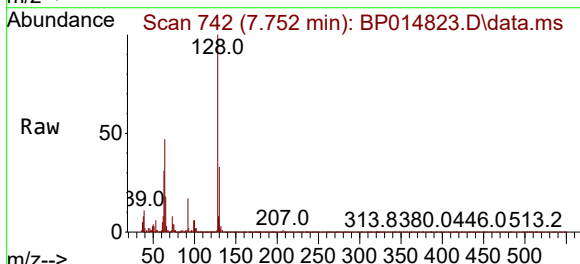
Tgt Ion:128 Resp: 164806

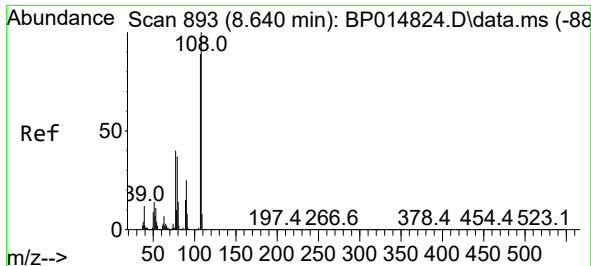
Ion Ratio Lower Upper

128 100

64 46.8 35.6 53.4

130 32.6 25.0 37.6





#13

2-Methylphenol

Concen: 9.280 ng/ul

RT: 8.634 min Scan# 893

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

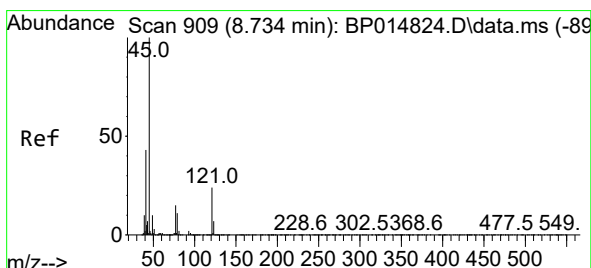
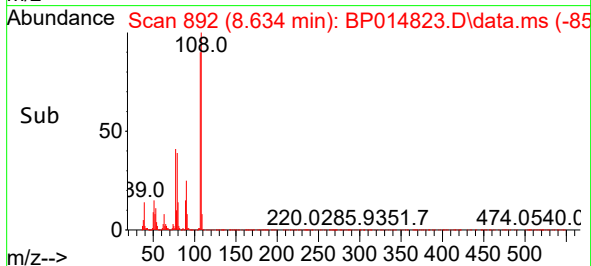
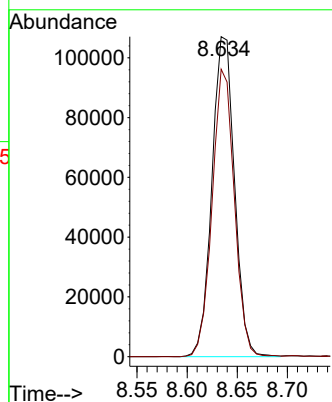
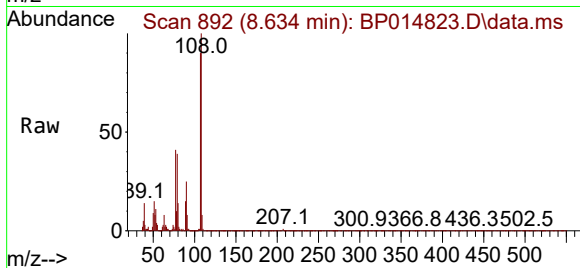
SSTD010640

Tgt Ion:108 Resp: 167889

Ion Ratio Lower Upper

108 100

107 89.9 71.0 106.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 9.878 ng/ul

RT: 8.734 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

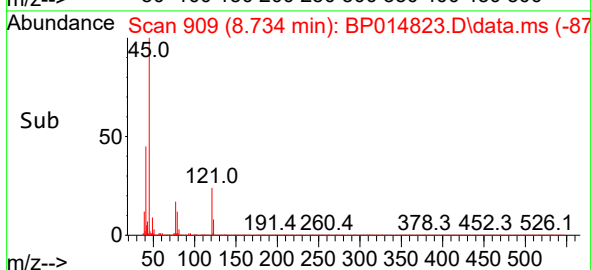
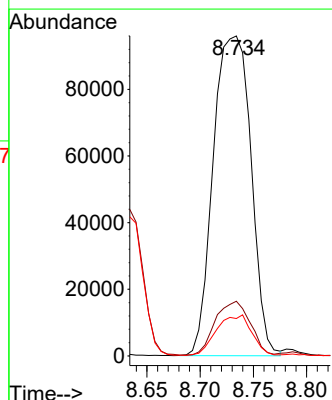
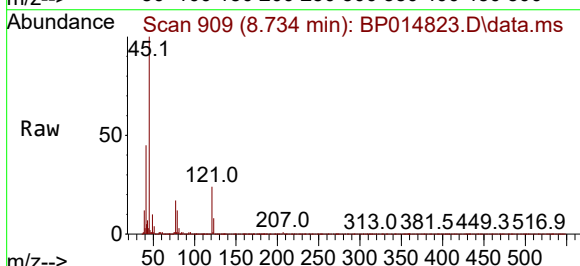
Tgt Ion: 45 Resp: 236697

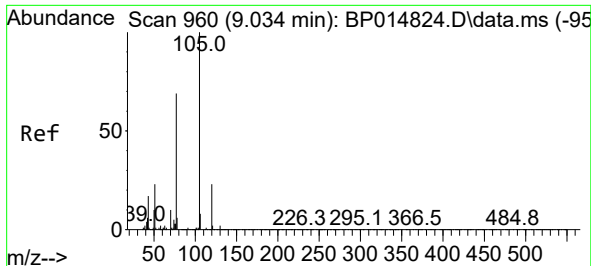
Ion Ratio Lower Upper

45 100

77 17.1 12.5 18.7

79 11.7 9.4 14.2

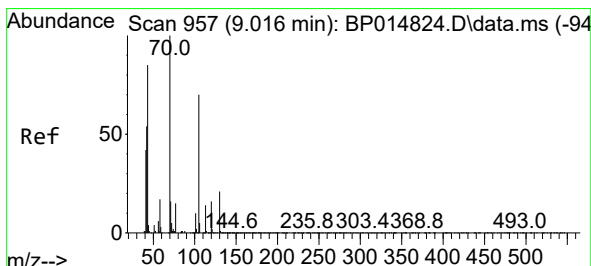
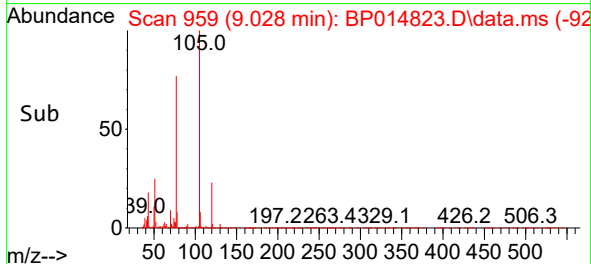
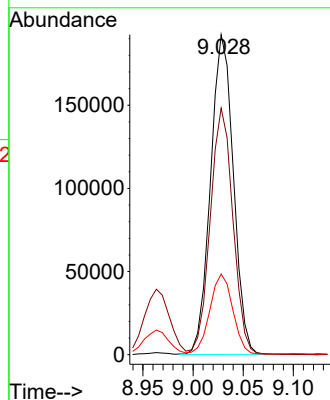
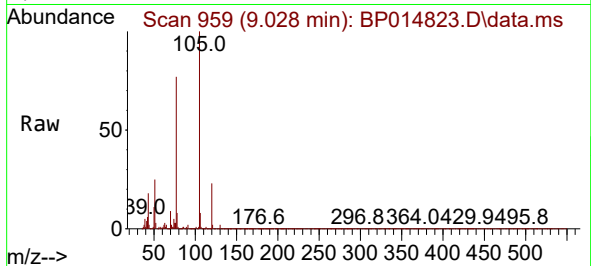




#16
Acetophenone
Concen: 10.476 ng/ul
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

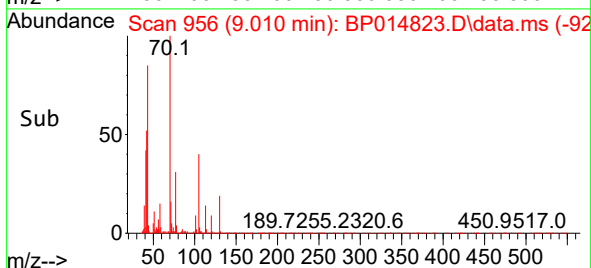
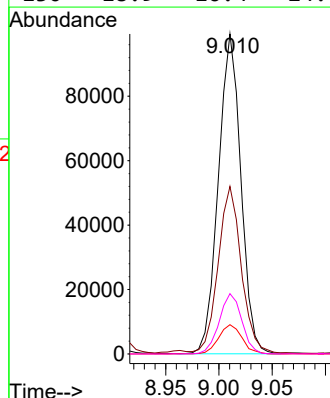
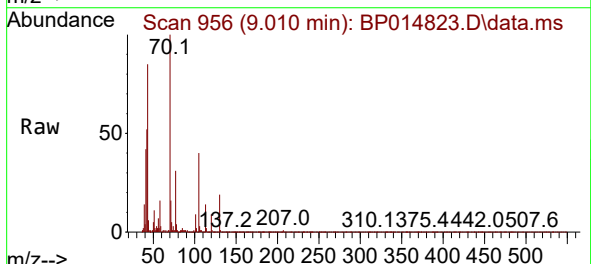
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ClientSampleId :
SSTD010640

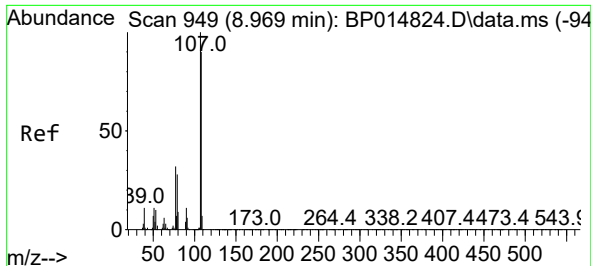
Tgt Ion:105 Resp: 303572
Ion Ratio Lower Upper
105 100
77 77.1 59.8 89.8
51 25.2 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 9.817 ng/ul
RT: 9.010 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion: 70 Resp: 145579
Ion Ratio Lower Upper
70 100
42 52.3 43.5 65.3
101 9.2 7.9 11.9
130 18.9 16.4 24.6

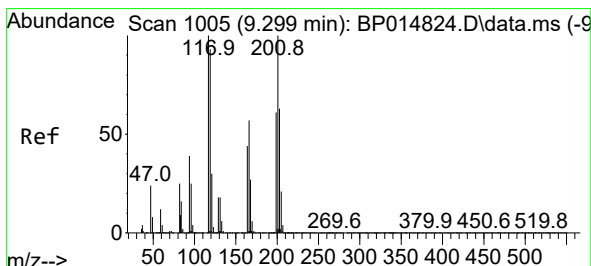
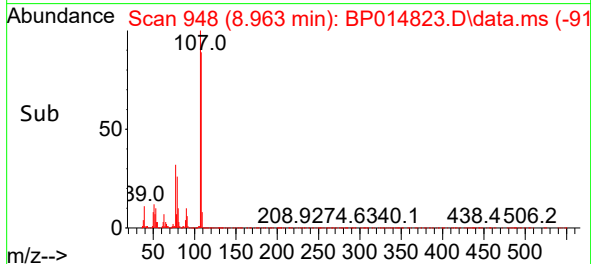
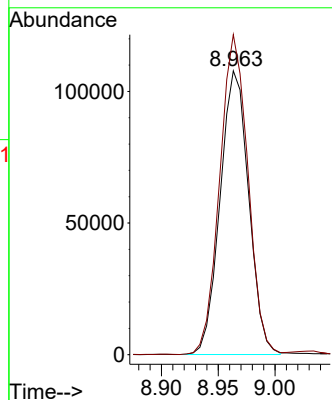
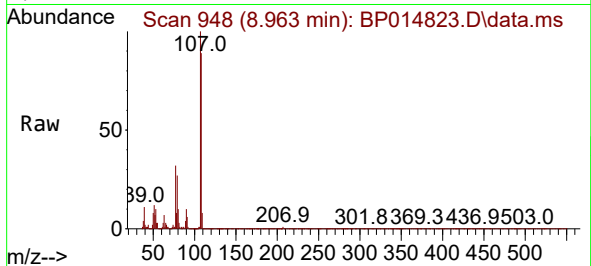




#18
4-Methylphenol
Concen: 9.311 ng/ul
RT: 8.963 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

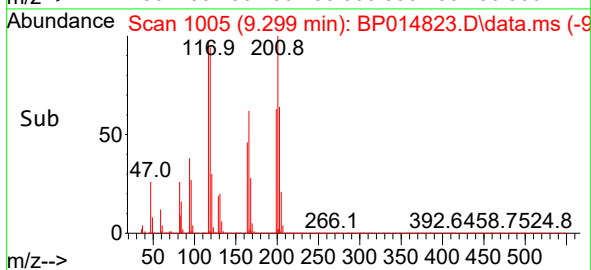
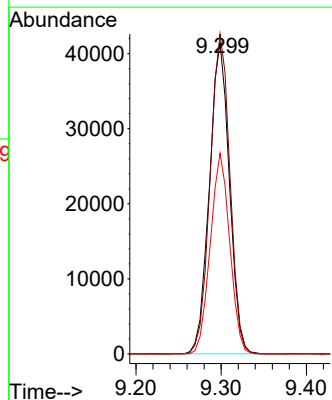
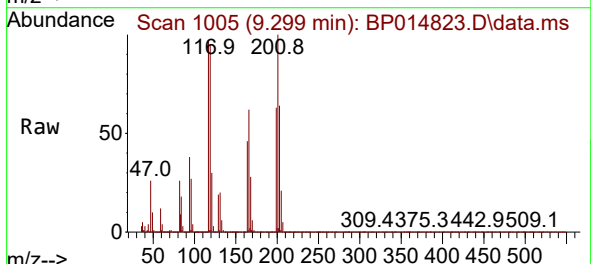
Instrument :
BNA_P
ClientSampleId :
SSTD010640

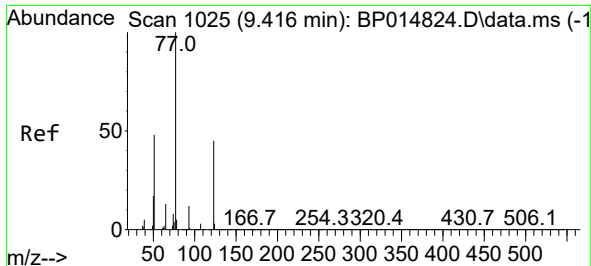
Tgt Ion:108 Resp: 188575
Ion Ratio Lower Upper
108 100
107 112.8 88.6 132.8



#19
Hexachloroethane
Concen: 9.428 ng/ul
RT: 9.299 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:117 Resp: 67547
Ion Ratio Lower Upper
117 100
201 102.8 80.3 120.5
199 64.4 49.0 73.6

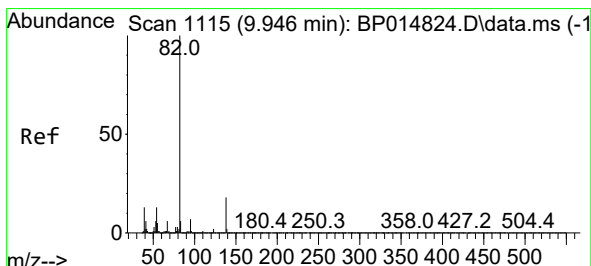
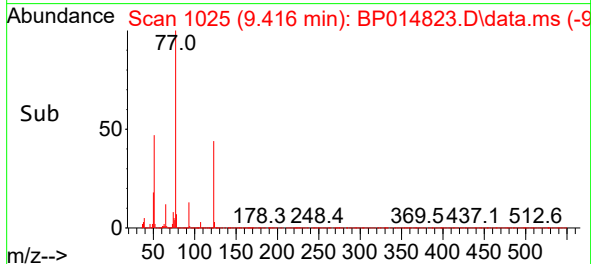
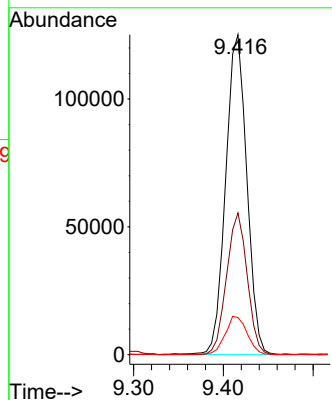
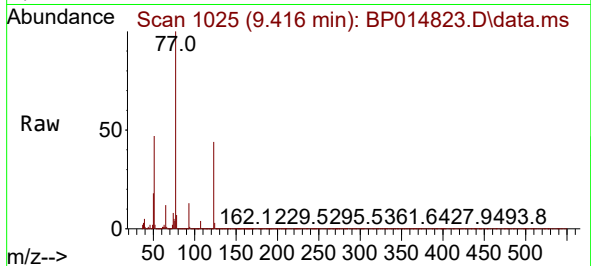




#22
Nitrobenzene
Concen: 9.531 ng/ul
RT: 9.416 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

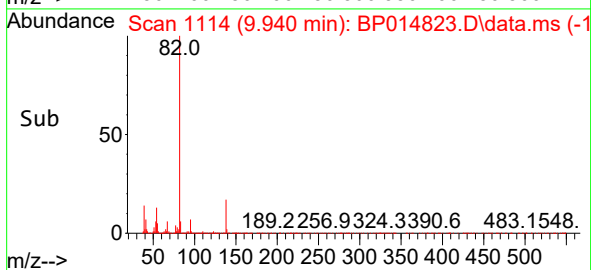
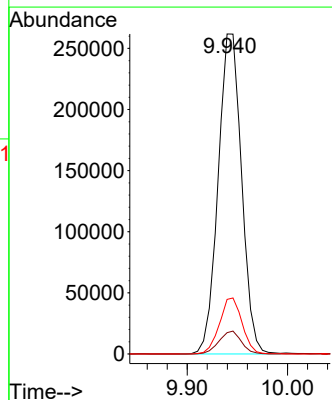
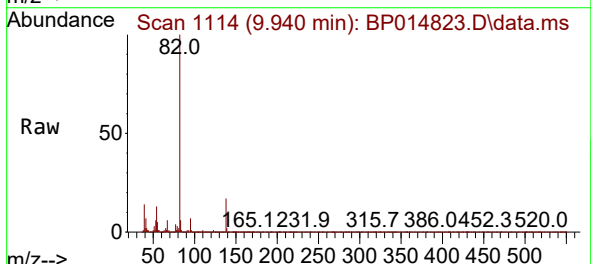
Instrument :
BNA_P
ClientSampleId :
SSTD010640

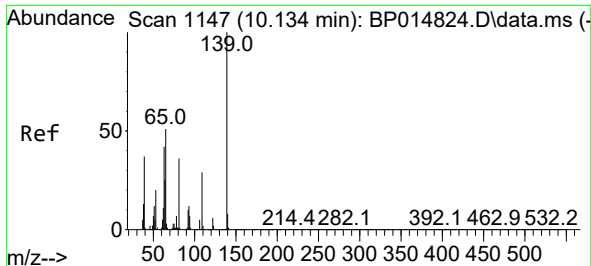
Tgt Ion: 77 Resp: 204223
Ion Ratio Lower Upper
77 100
123 44.3 35.8 53.6
65 11.6 10.2 15.2



#23
Isophorone
Concen: 9.596 ng/ul
RT: 9.940 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion: 82 Resp: 424764
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.1 14.1 21.1

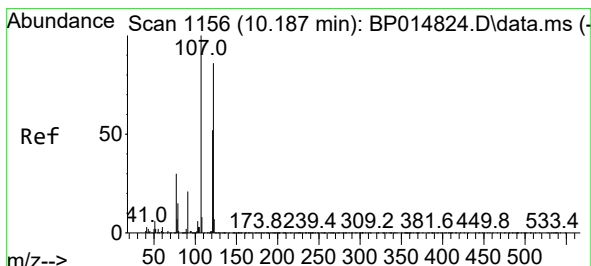
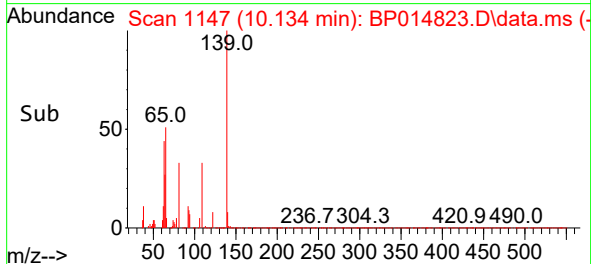
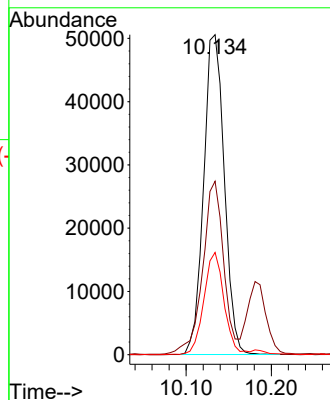
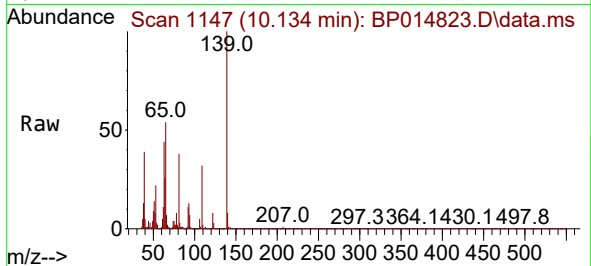




#25
2-Nitrophenol
Concen: 8.827 ng/ul
RT: 10.134 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

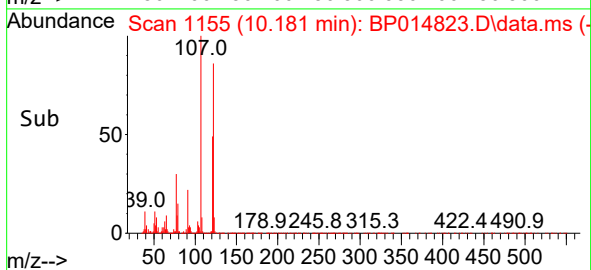
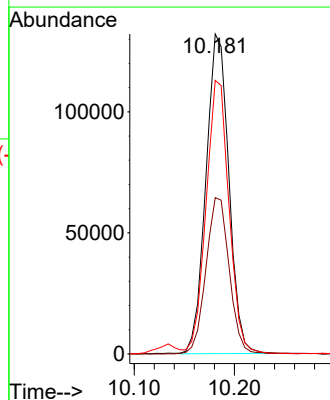
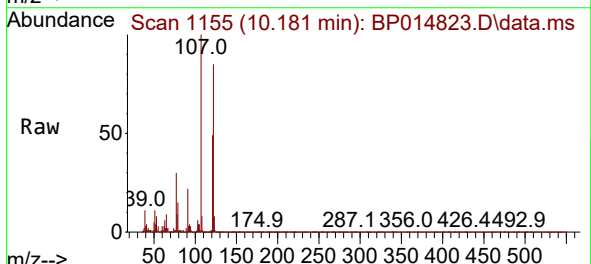
Instrument :
BNA_P
ClientSampleId :
SSTD010640

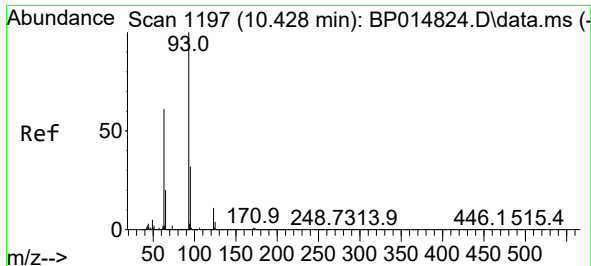
Tgt Ion:139 Resp: 85312
Ion Ratio Lower Upper
139 100
65 54.2 40.7 61.1
109 31.9 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 9.795 ng/ul
RT: 10.181 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:107 Resp: 210060
Ion Ratio Lower Upper
107 100
121 48.8 41.3 61.9
122 85.5 70.4 105.6

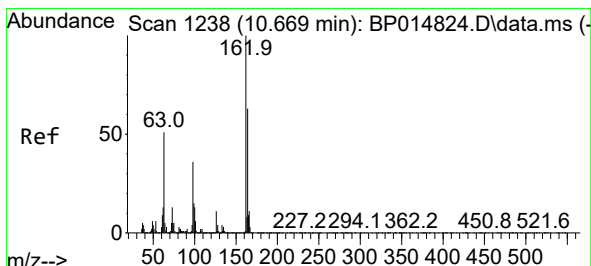
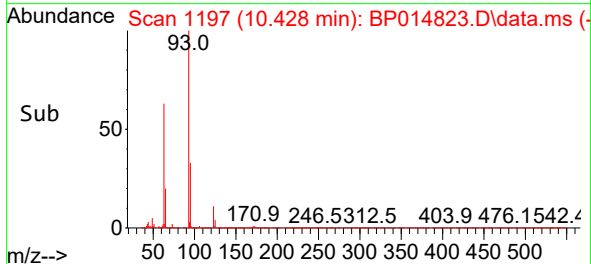
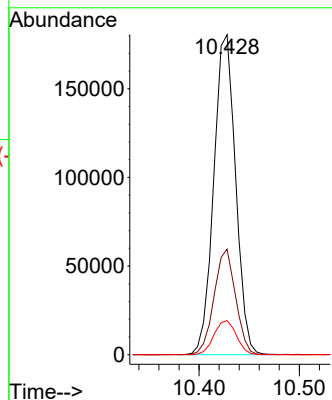
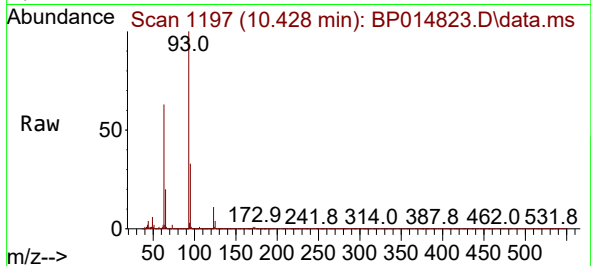




#27
 Bis(2-Chloroethoxy)methane
 Concen: 9.805 ng/ul
 RT: 10.428 min Scan# 1197
 Delta R.T. -0.000 min
 Lab File: BP014823.D
 Acq: 25 Apr 2023 14:33

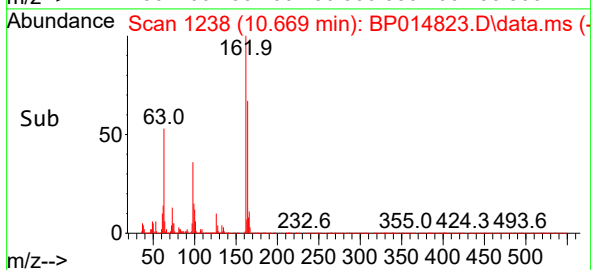
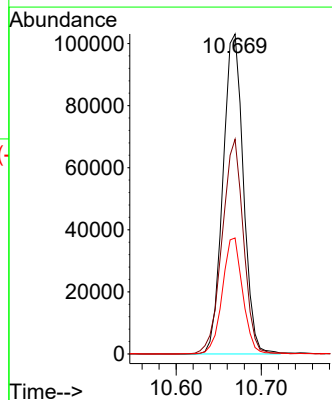
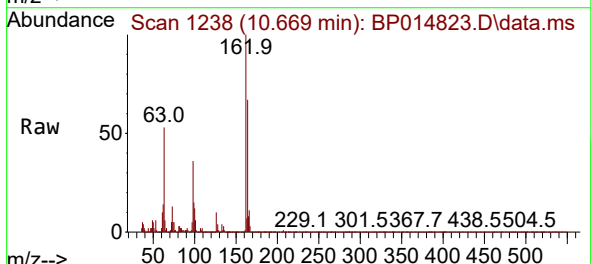
Instrument :
 BNA_P
 ClientSampleId :
 SSTD010640

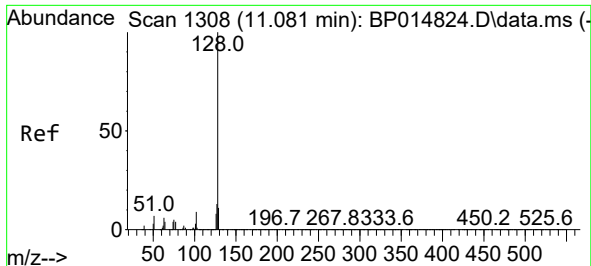
Tgt Ion: 93 Resp: 273236
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.2 37.8
 123 10.7 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 9.586 ng/ul
 RT: 10.669 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: BP014823.D
 Acq: 25 Apr 2023 14:33

Tgt Ion: 162 Resp: 171887
 Ion Ratio Lower Upper
 162 100
 164 67.1 50.6 75.8
 98 36.3 28.5 42.7

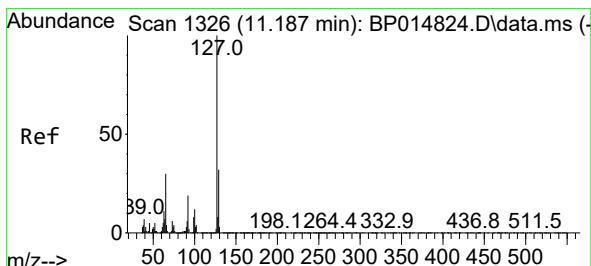
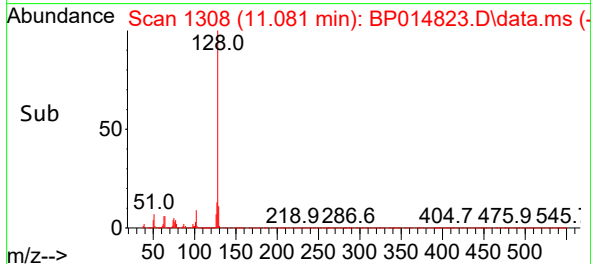
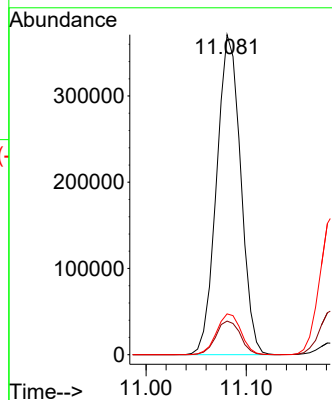
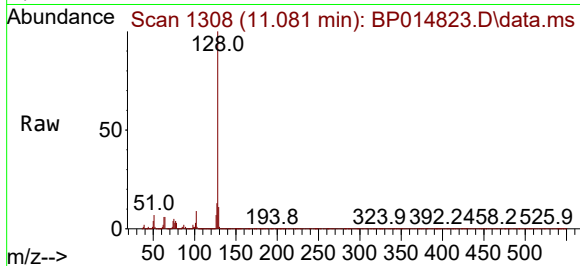




#30
Naphthalene
Concen: 9.924 ng/ul
RT: 11.081 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

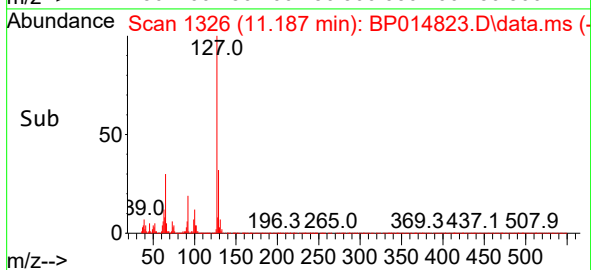
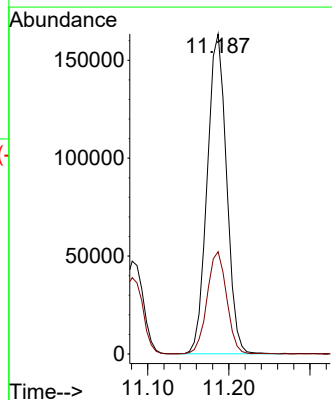
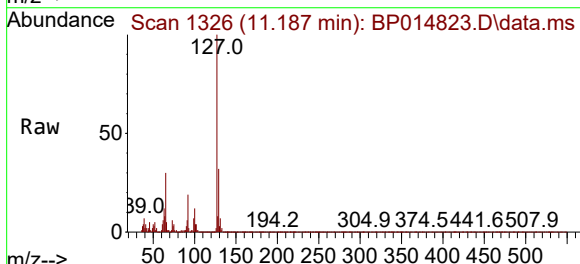
Instrument :
BNA_P
ClientSampleId :
SSTD010640

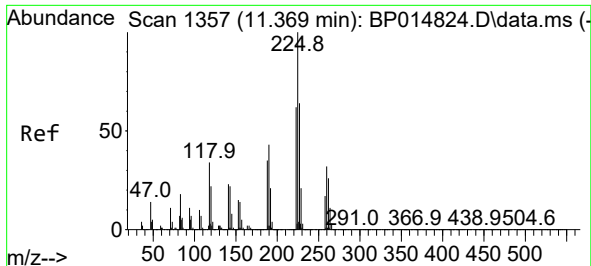
Tgt Ion:128 Resp: 617709
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 12.8 10.6 16.0



#32
4-Chloroaniline
Concen: 10.380 ng/ul
RT: 11.187 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:127 Resp: 270056
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8

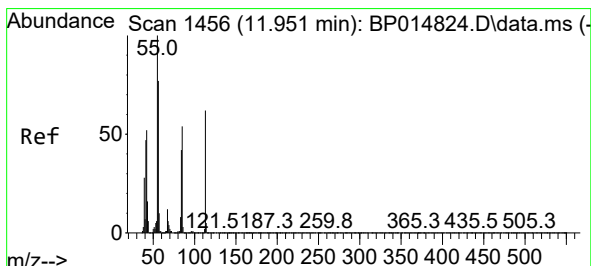
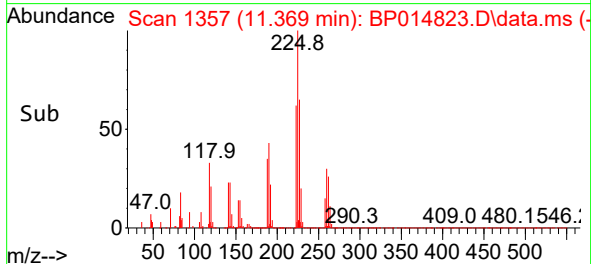
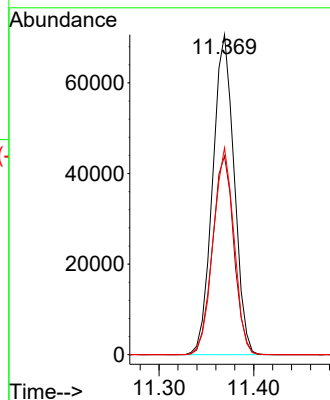
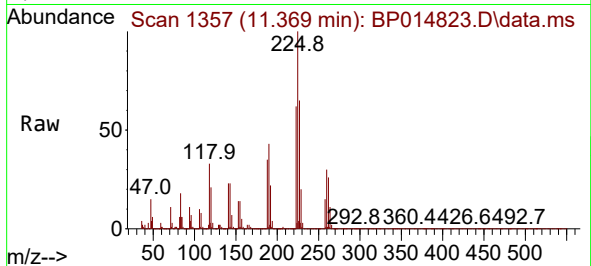




#33
Hexachlorobutadiene
Concen: 9.775 ng/ul
RT: 11.369 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

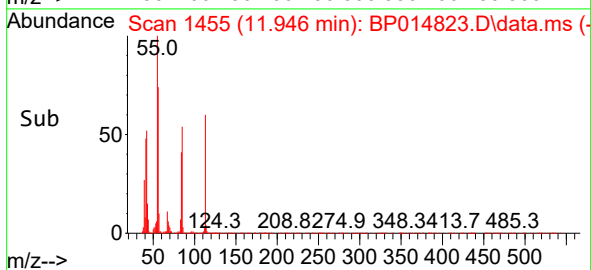
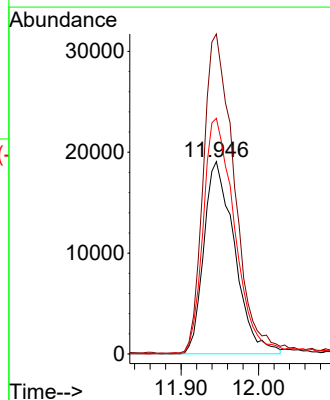
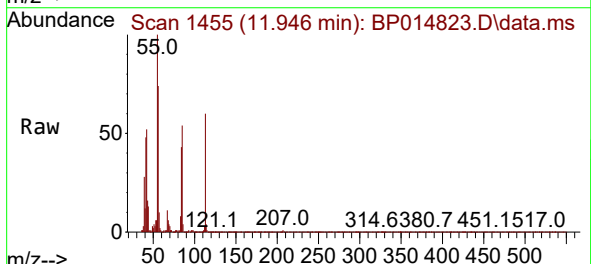
Instrument :
BNA_P
ClientSampleId :
SSTD010640

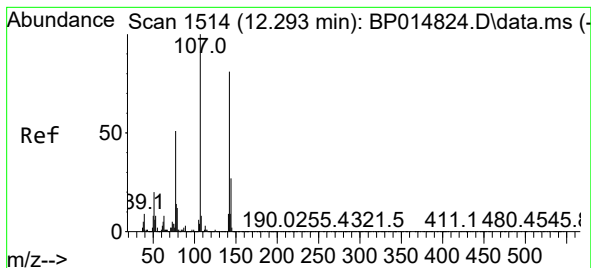
Tgt Ion:225 Resp: 111481
Ion Ratio Lower Upper
225 100
223 62.0 49.9 74.9
227 64.7 51.5 77.3



#34
Caprolactam
Concen: 8.861 ng/ul
RT: 11.946 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:113 Resp: 52471
Ion Ratio Lower Upper
113 100
55 166.4 129.0 193.6
56 122.6 99.4 149.2

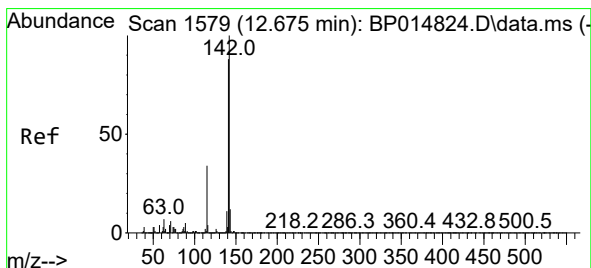
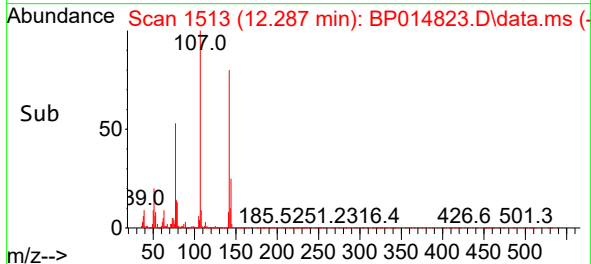
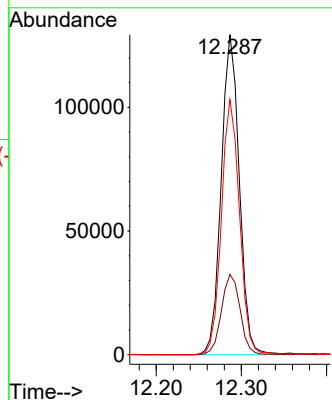
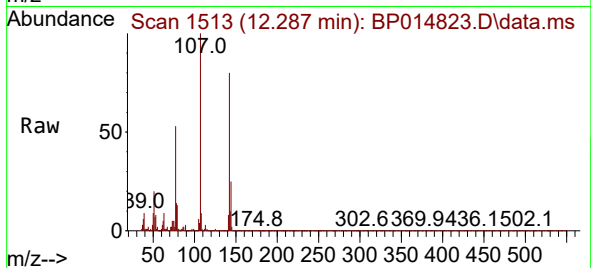




#35
4-Chloro-3-methylphenol
Concen: 9.615 ng/ul
RT: 12.287 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

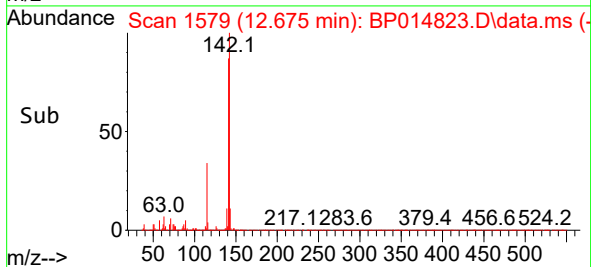
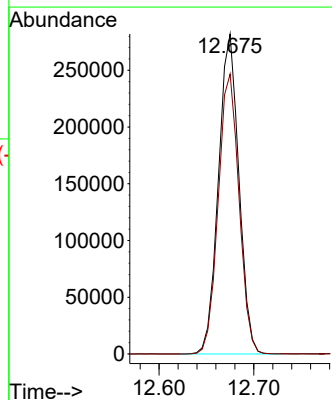
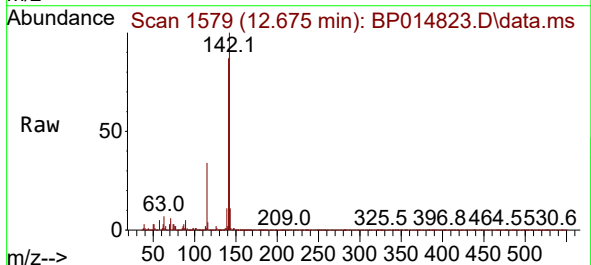
Instrument :
BNA_P
ClientSampleId :
SSTD010640

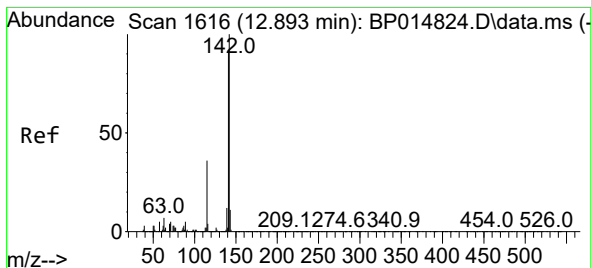
Tgt Ion:107 Resp: 190912
Ion Ratio Lower Upper
107 100
144 25.0 21.4 32.0
142 79.7 65.0 97.6



#36
2-Methylnaphthalene
Concen: 9.997 ng/ul
RT: 12.675 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:142 Resp: 422483
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0





#37

1-Methylnaphthalene

Concen: 10.100 ng/ul

RT: 12.893 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

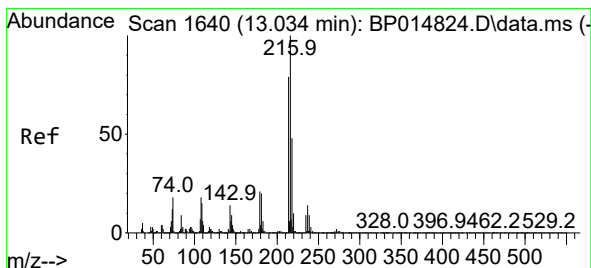
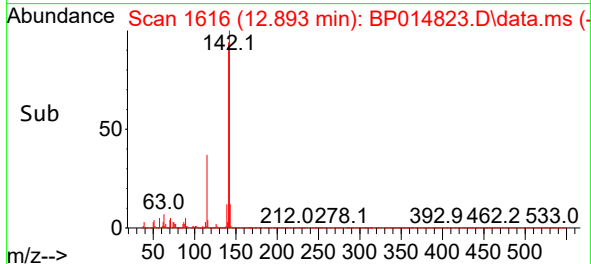
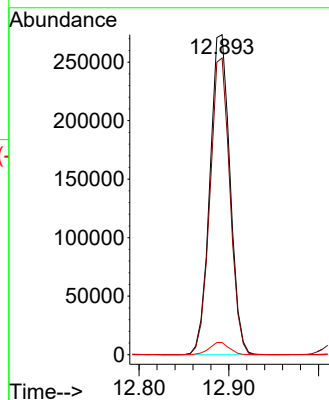
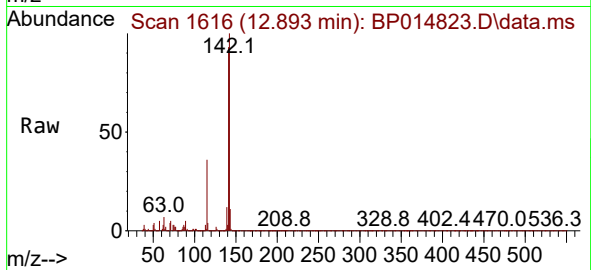
Tgt Ion:142 Resp: 425513

Ion Ratio Lower Upper

142 100

141 92.7 73.7 110.5

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.738 ng/ul

RT: 13.034 min Scan# 1640

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Tgt Ion:216 Resp: 232678

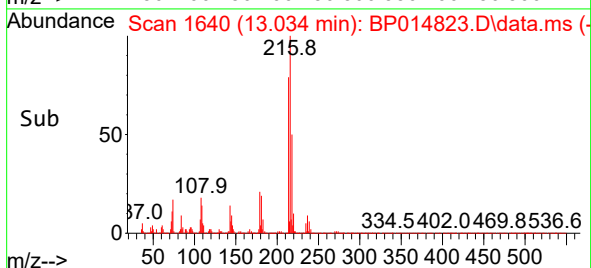
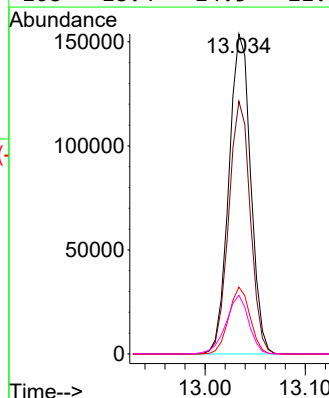
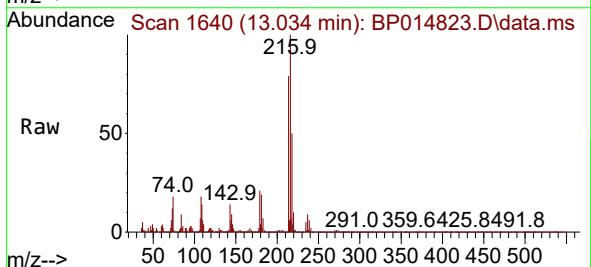
Ion Ratio Lower Upper

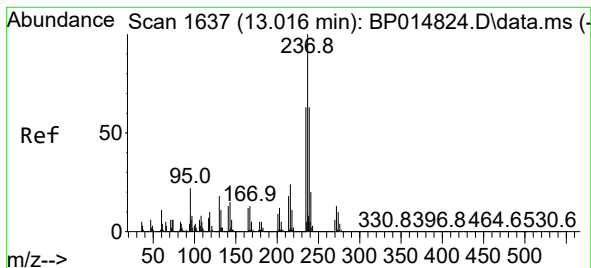
216 100

214 79.0 63.3 94.9

179 20.9 16.7 25.1

108 18.4 14.5 21.7





#40

Hexachlorocyclopentadiene

Concen: 8.112 ng/ul

RT: 13.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

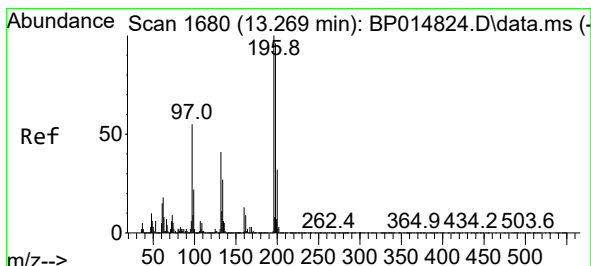
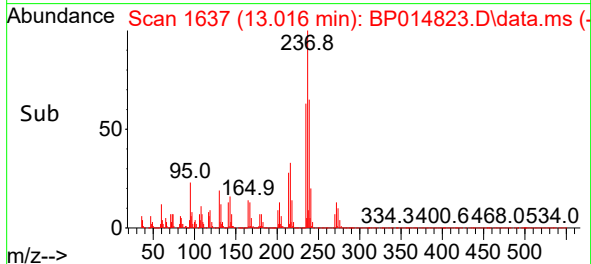
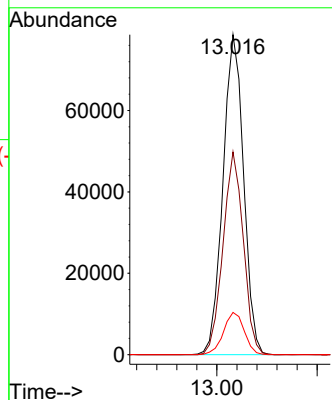
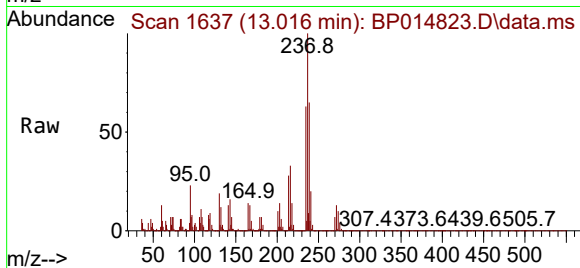
Tgt Ion:237 Resp: 112313

Ion Ratio Lower Upper

237 100

235 63.4 50.0 75.0

272 13.2 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 9.415 ng/ul

RT: 13.269 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

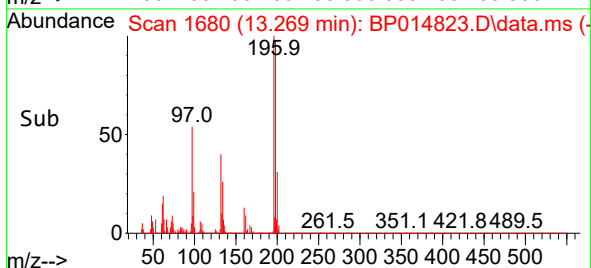
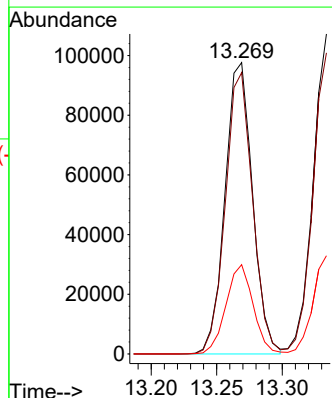
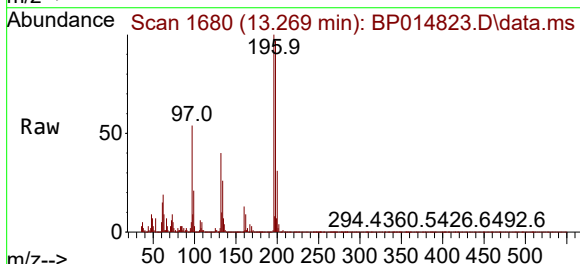
Tgt Ion:196 Resp: 142784

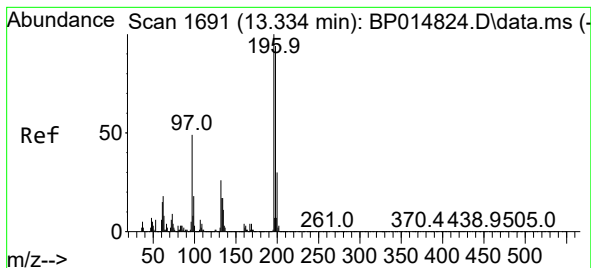
Ion Ratio Lower Upper

196 100

198 96.5 76.7 115.1

200 30.6 25.3 37.9

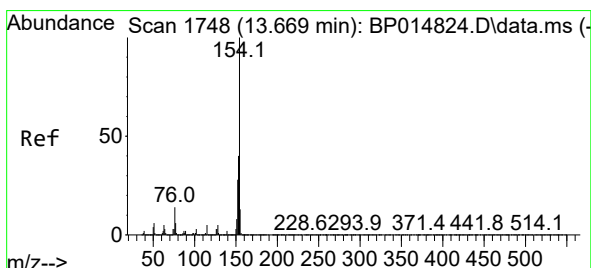
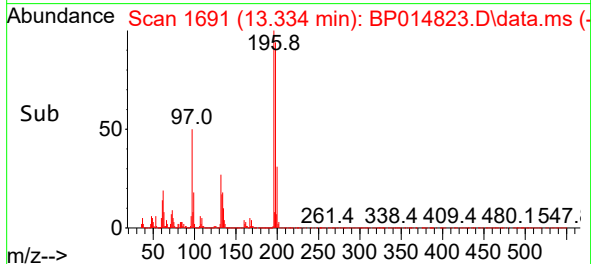
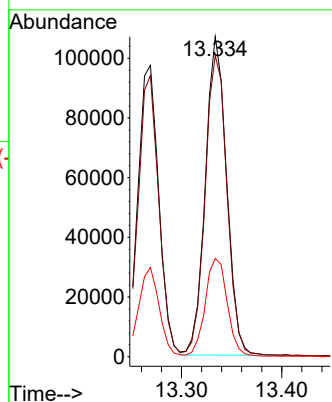
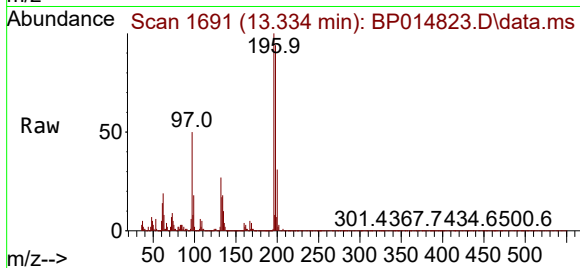




#42
2,4,5-Trichlorophenol
Concen: 9.421 ng/ul
RT: 13.334 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

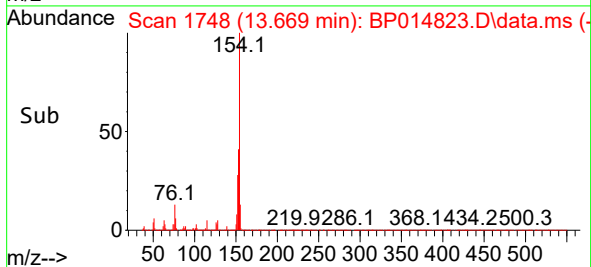
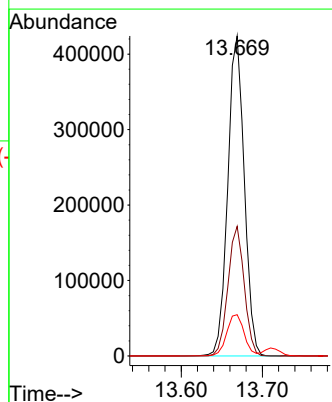
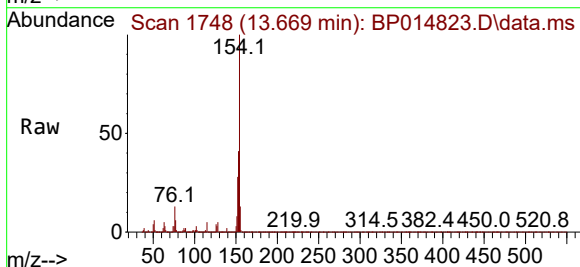
Instrument :
BNA_P
ClientSampleId :
SSTD010640

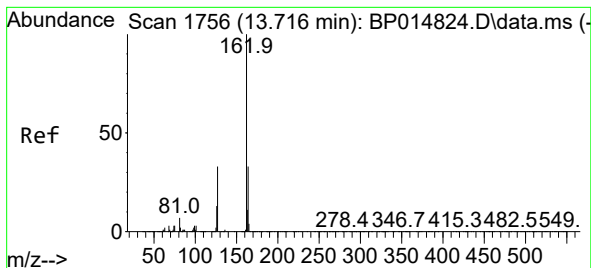
Tgt Ion:196 Resp: 157888
Ion Ratio Lower Upper
196 100
198 94.1 75.3 112.9
200 30.7 24.2 36.4



#43
1,1'-Biphenyl
Concen: 9.998 ng/ul
RT: 13.669 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:154 Resp: 599375
Ion Ratio Lower Upper
154 100
153 40.5 31.9 47.9
76 12.9 11.2 16.8





#44

2-Chloronaphthalene

Concen: 9.932 ng/ul

RT: 13.710 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

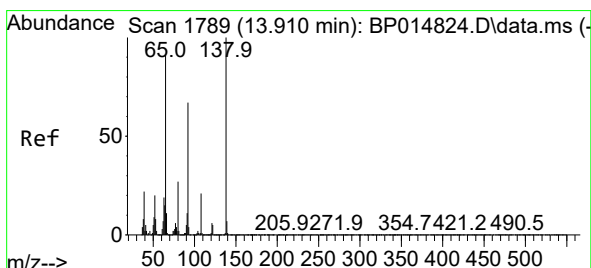
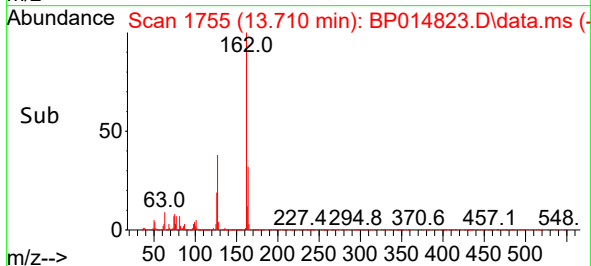
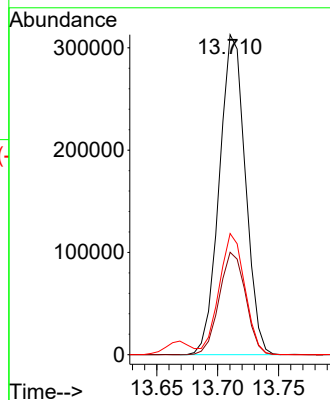
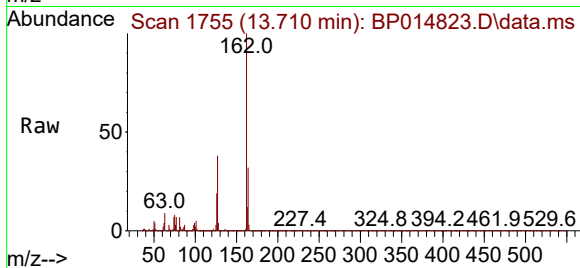
Tgt Ion:162 Resp: 466118

Ion Ratio Lower Upper

162 100

164 32.0 26.2 39.2

127 37.8 29.7 44.5



#45

2-Nitroaniline

Concen: 8.739 ng/ul

RT: 13.910 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

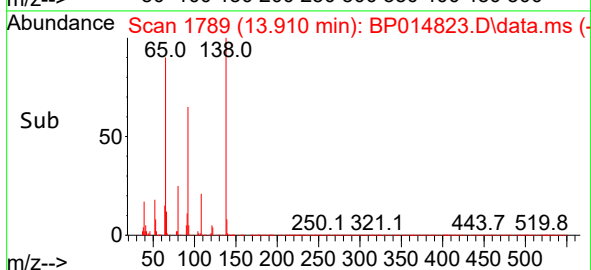
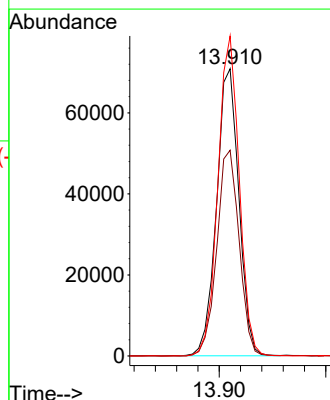
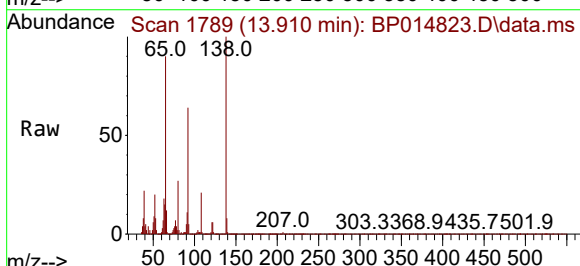
Tgt Ion: 65 Resp: 102719

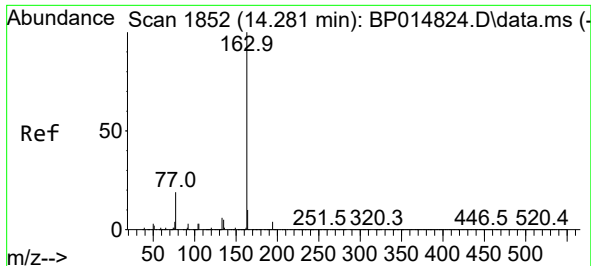
Ion Ratio Lower Upper

65 100

92 71.6 58.5 87.7

138 111.4 87.6 131.4

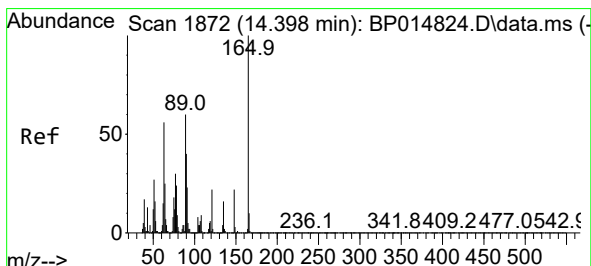
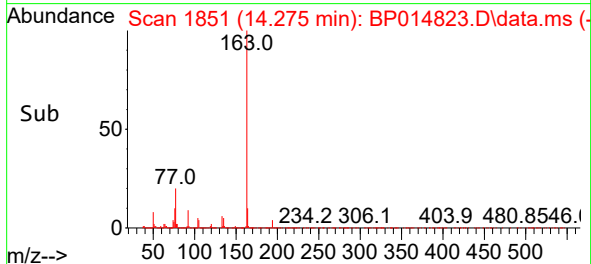
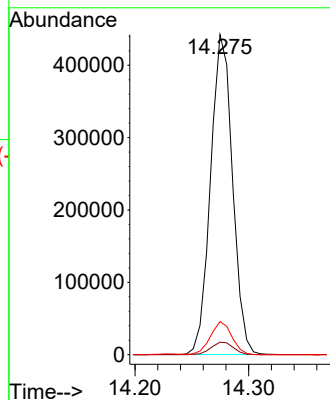
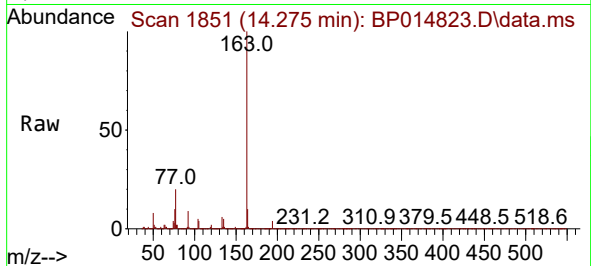




#47
Dimethylphthalate
Concen: 10.005 ng/ul
RT: 14.275 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

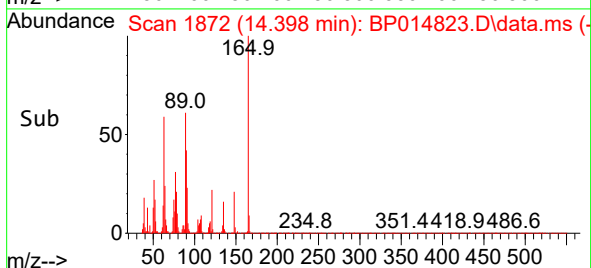
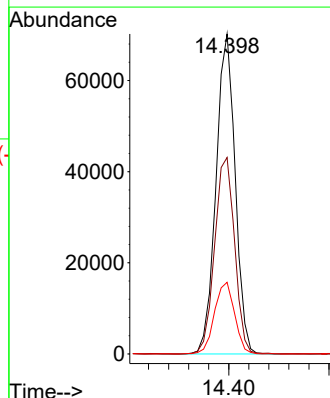
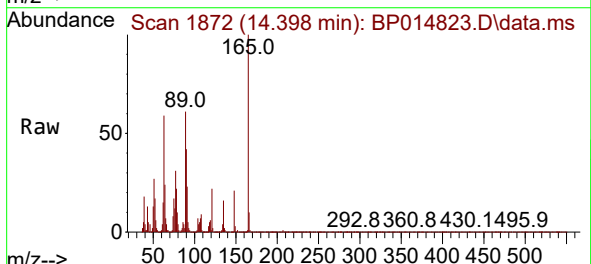
Instrument :
BNA_P
ClientSampleId :
SSTD010640

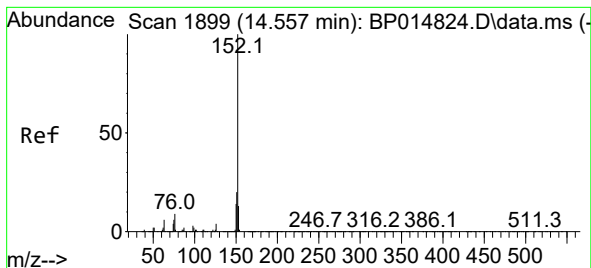
Tgt Ion:163 Resp: 593401
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 8.764 ng/ul
RT: 14.398 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:165 Resp: 93136
Ion Ratio Lower Upper
165 100
89 61.4 47.6 71.4
121 22.4 17.5 26.3





#50

Acenaphthylene

Concen: 10.003 ng/ul

RT: 14.551 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

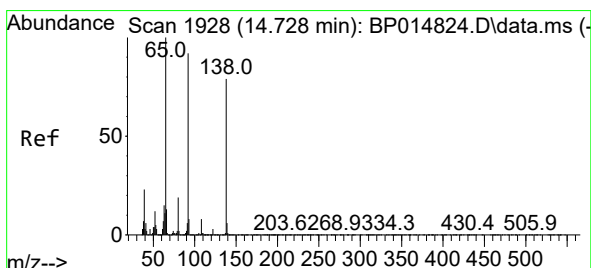
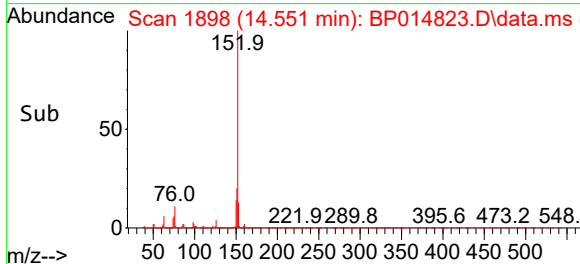
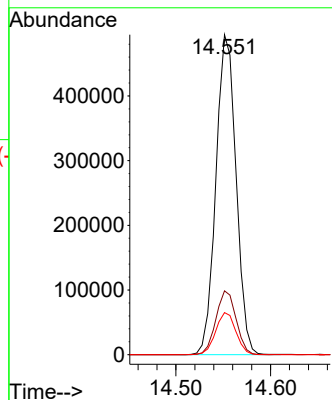
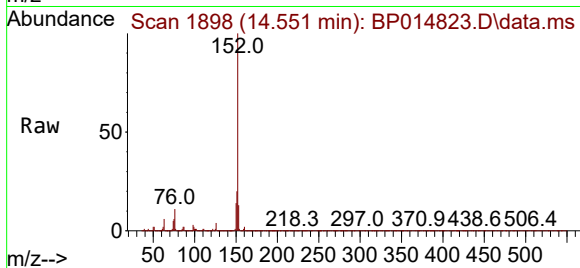
Tgt Ion:152 Resp: 732900

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.1 10.4 15.6



#51

3-Nitroaniline

Concen: 8.795 ng/ul

RT: 14.728 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

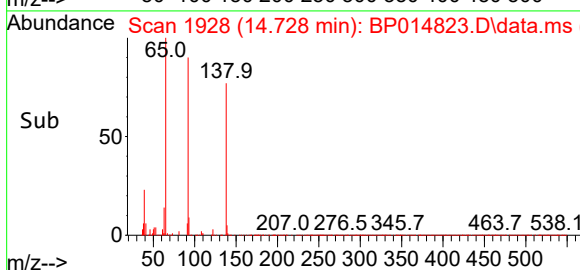
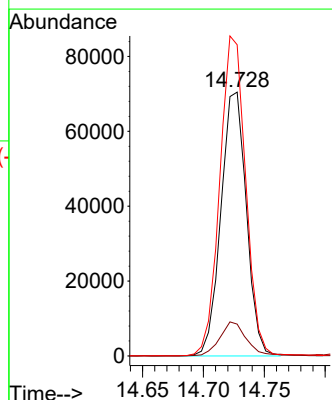
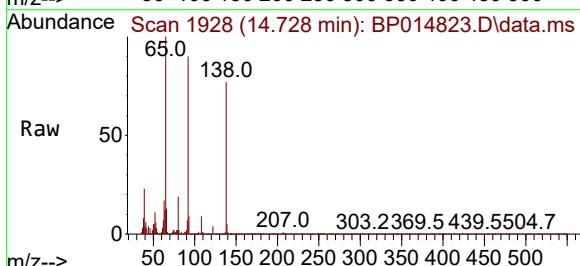
Tgt Ion:138 Resp: 102522

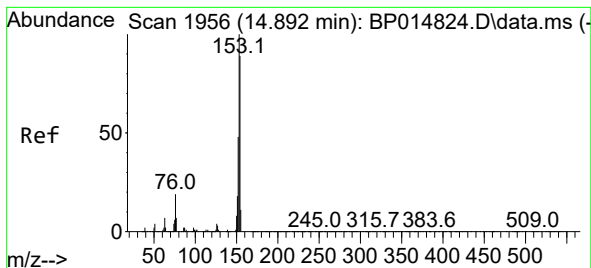
Ion Ratio Lower Upper

138 100

108 12.1 8.4 12.6

92 118.0 93.2 139.8





#52

Acenaphthene

Concen: 10.022 ng/ul

RT: 14.892 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

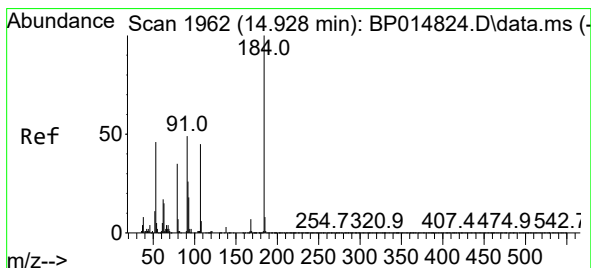
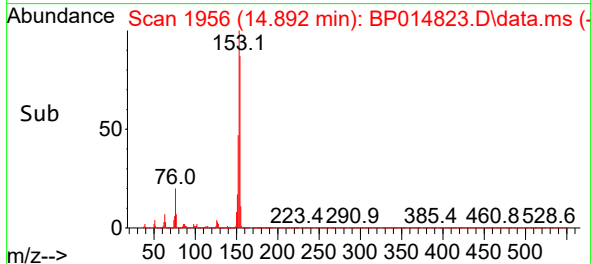
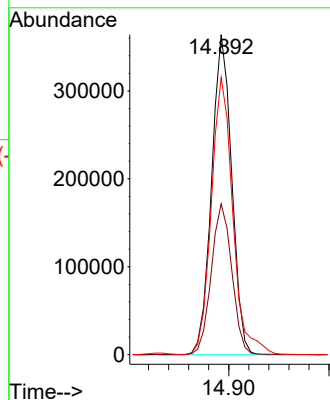
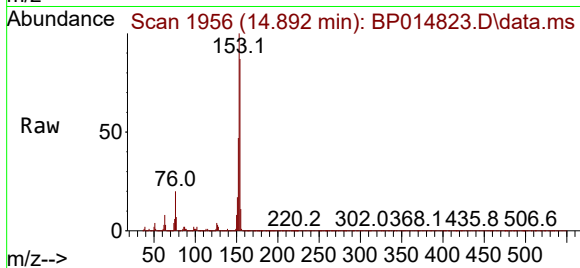
Tgt Ion:153 Resp: 504762

Ion Ratio Lower Upper

153 100

152 47.1 38.2 57.4

154 86.6 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 6.342 ng/ul

RT: 14.922 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

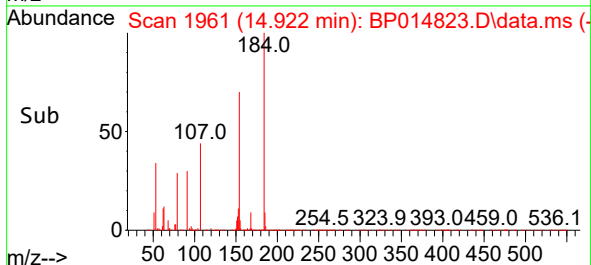
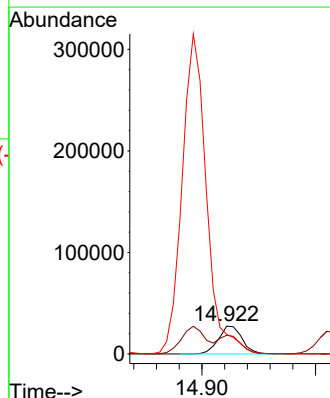
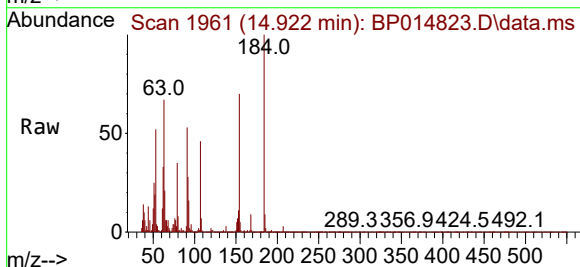
Tgt Ion:184 Resp: 39700

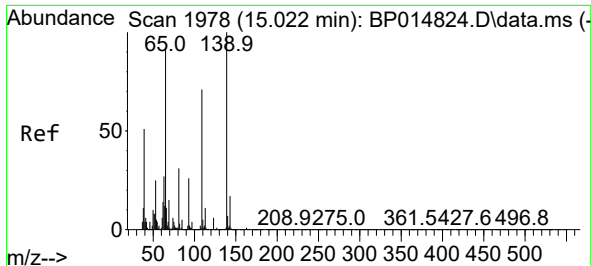
Ion Ratio Lower Upper

184 100

63 67.2 53.6 80.4

154 70.1 49.1 73.7

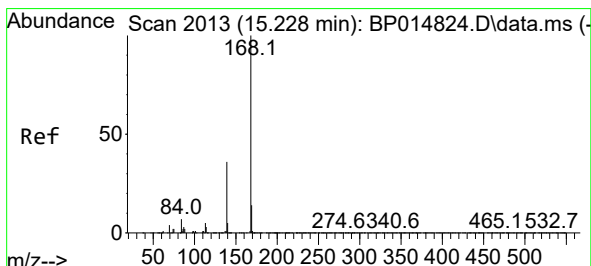
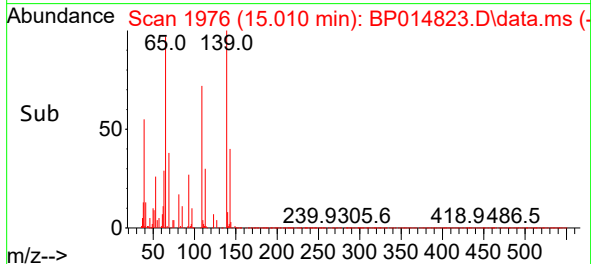
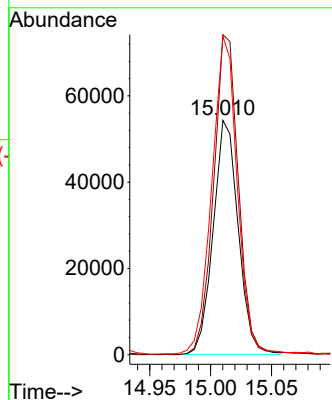
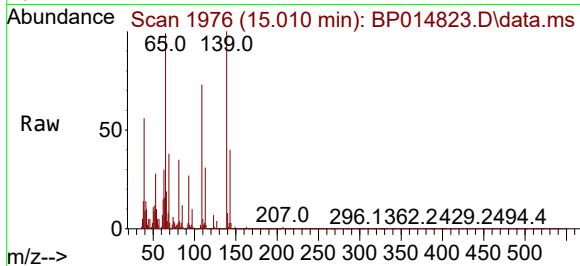




#55
4-Nitrophenol
Concen: 9.601 ng/ul
RT: 15.010 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

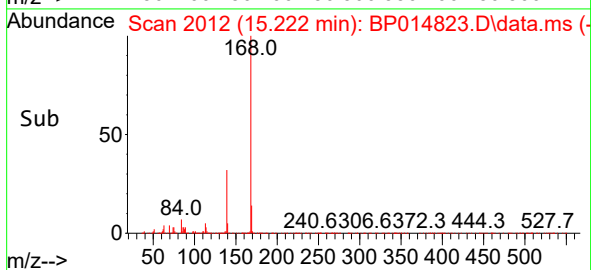
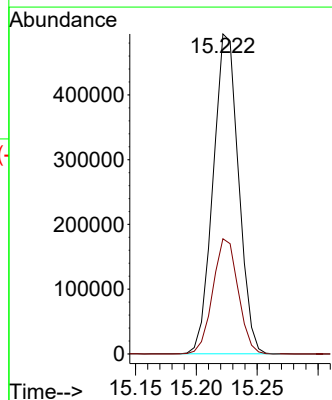
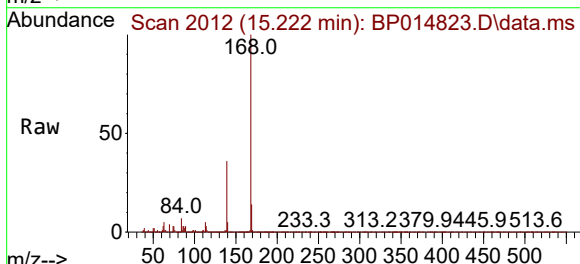
Instrument :
BNA_P
ClientSampleId :
SSTD010640

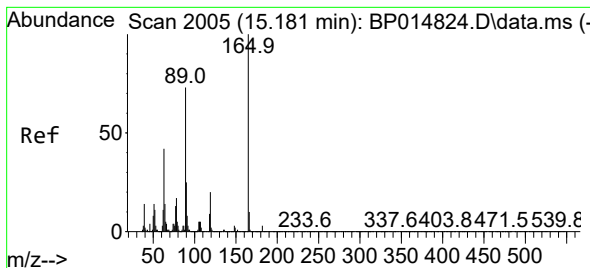
Tgt Ion:109 Resp: 77448
Ion Ratio Lower Upper
109 100
139 136.6 112.8 169.2
65 135.7 103.6 155.4



#56
Dibenzofuran
Concen: 10.120 ng/ul
RT: 15.222 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:168 Resp: 717766
Ion Ratio Lower Upper
168 100
139 36.0 28.7 43.1

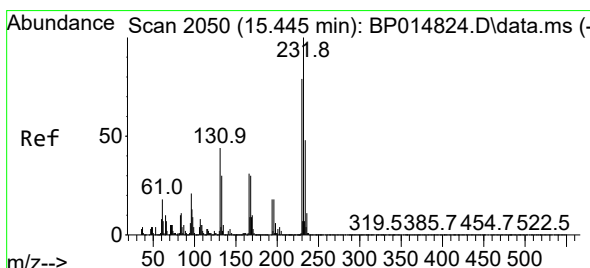
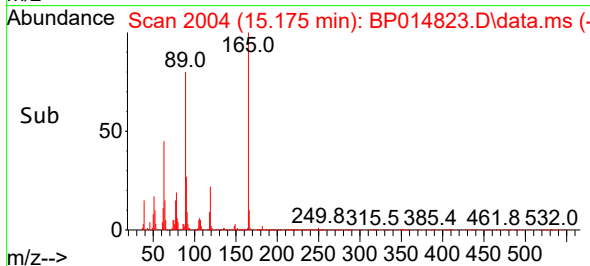
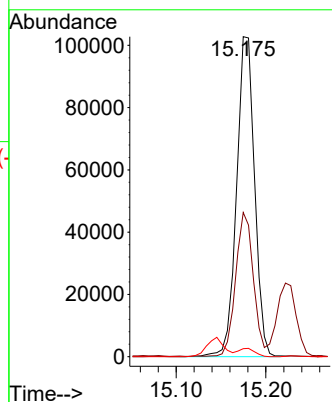
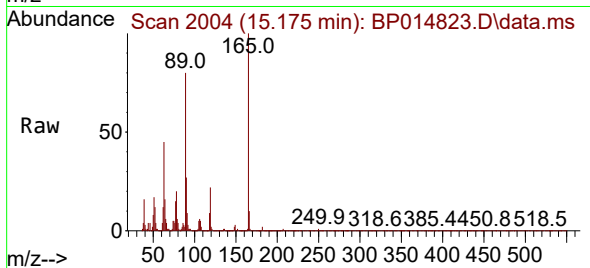




#57
2,4-Dinitrotoluene
Concen: 9.153 ng/ul
RT: 15.175 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

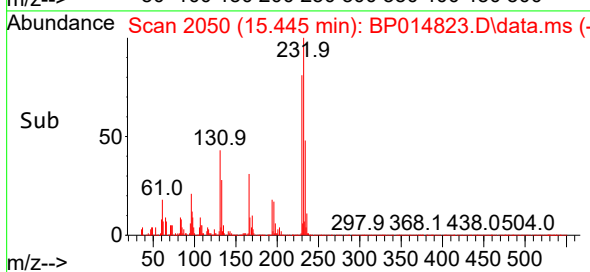
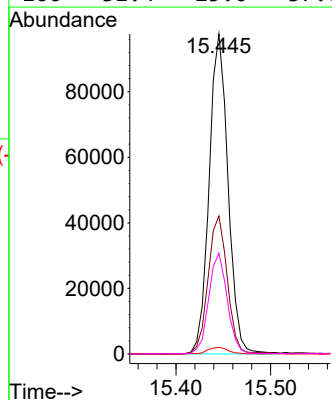
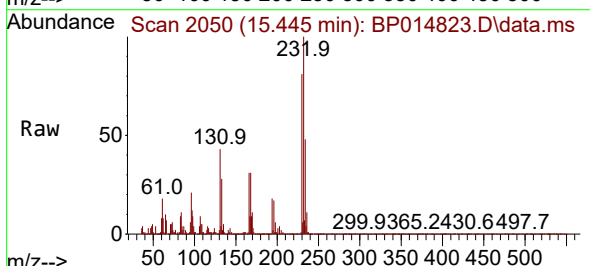
Instrument :
BNA_P
ClientSampleId :
SSTD010640

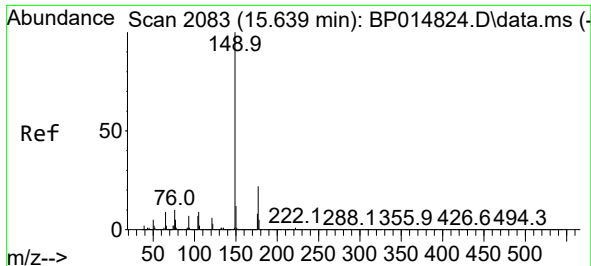
Tgt Ion:165 Resp: 143317
Ion Ratio Lower Upper
165 100
63 45.1 33.8 50.6
182 2.5 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 9.571 ng/ul
RT: 15.445 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:232 Resp: 135258
Ion Ratio Lower Upper
232 100
131 43.2 35.0 52.4
130 2.1 1.8 2.6
166 31.4 25.0 37.6

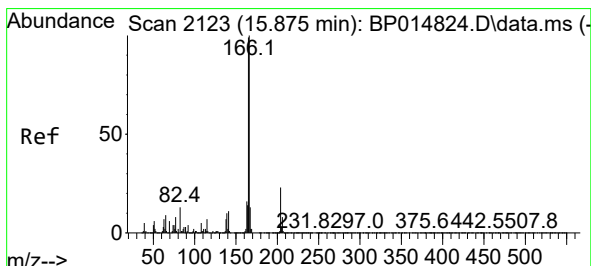
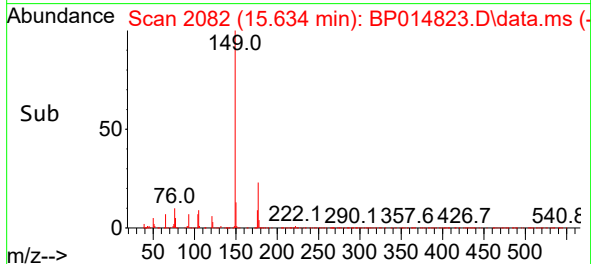
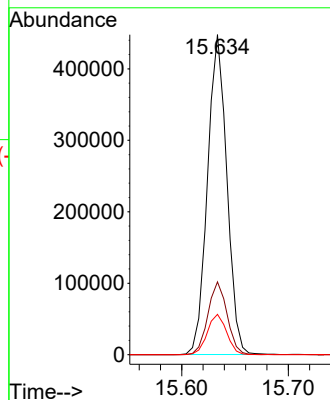
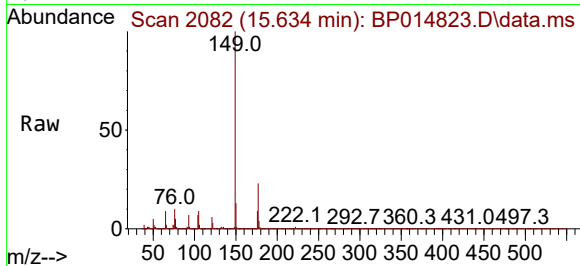




#59
Diethylphthalate
Concen: 9.845 ng/ul
RT: 15.634 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

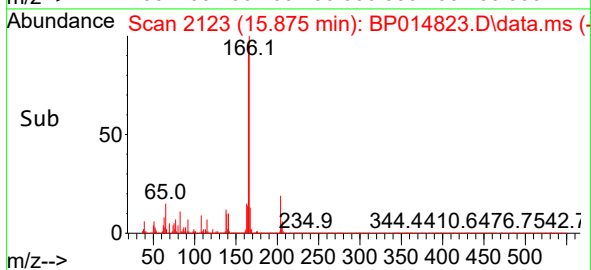
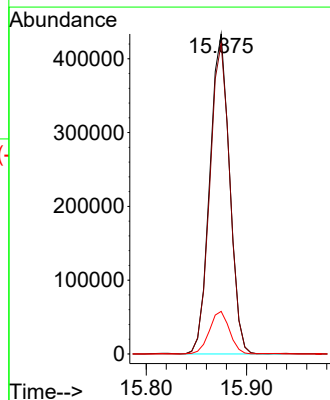
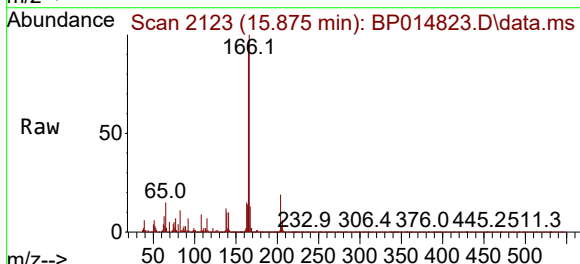
Instrument :
BNA_P
ClientSampleId :
SSTD010640

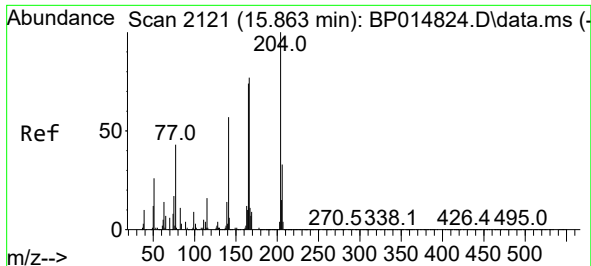
Tgt Ion:149 Resp: 565479
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.6 9.8 14.6



#61
Fluorene
Concen: 10.602 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:166 Resp: 593219
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 13.3 10.7 16.1

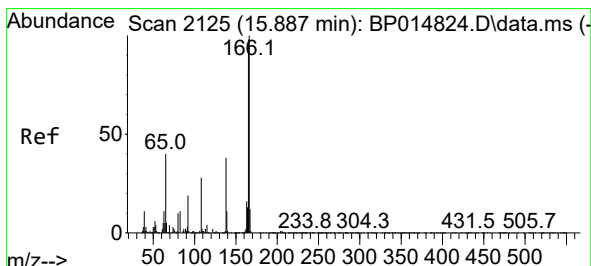
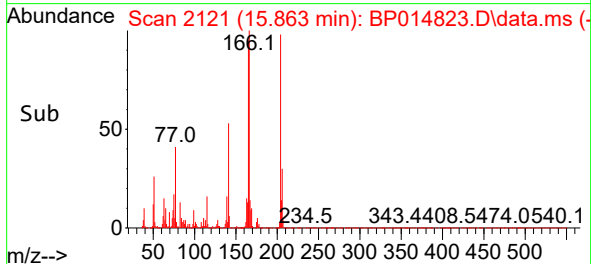
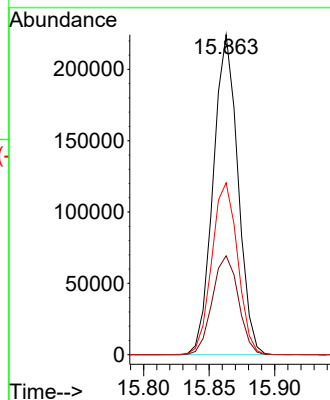
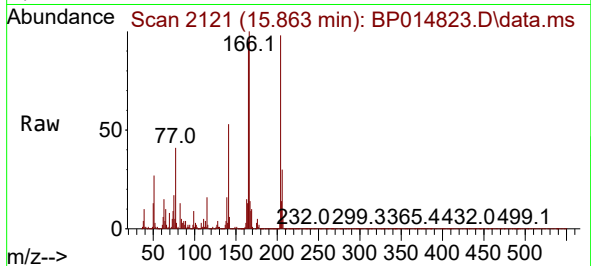




#62
4-Chlorophenyl-phenylether
Concen: 10.361 ng/ul
RT: 15.863 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

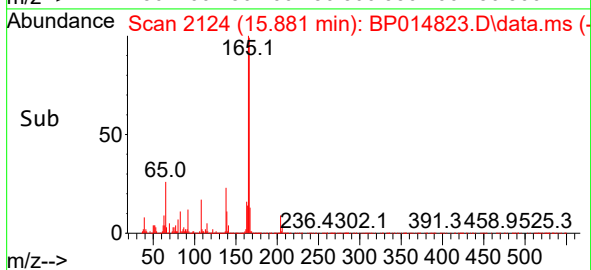
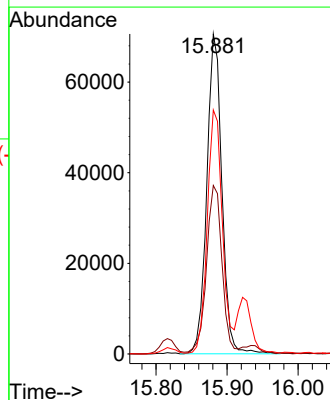
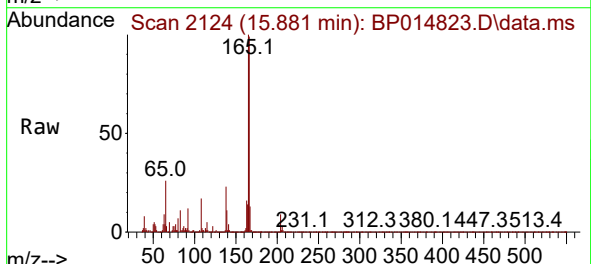
Instrument :
BNA_P
ClientSampleId :
SSTD010640

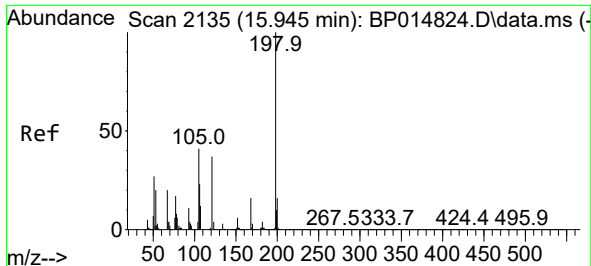
Tgt Ion:204 Resp: 293882
Ion Ratio Lower Upper
204 100
206 30.9 26.3 39.5
141 53.7 45.9 68.9



#63
4-Nitroaniline
Concen: 9.953 ng/ul
RT: 15.881 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:138 Resp: 104648
Ion Ratio Lower Upper
138 100
92 52.7 39.0 58.6
108 76.2 59.2 88.8

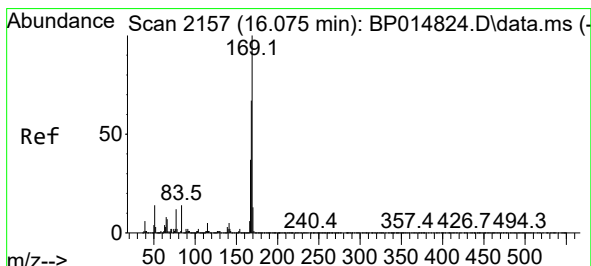
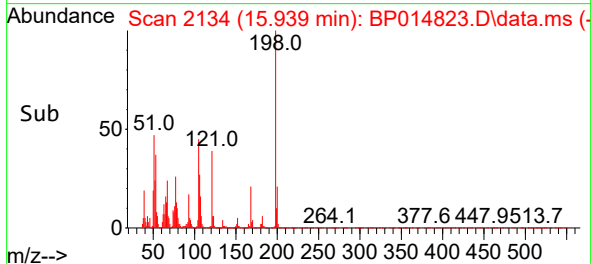
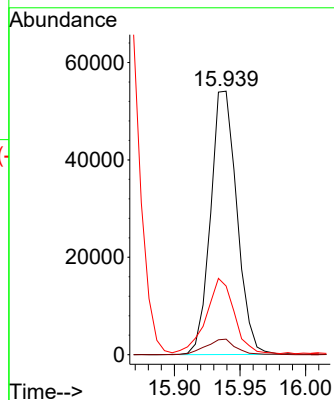
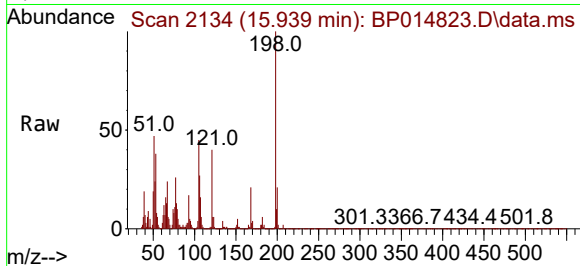




#66
4,6-Dinitro-2-methylphenol
Concen: 8.034 ng/ul
RT: 15.939 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

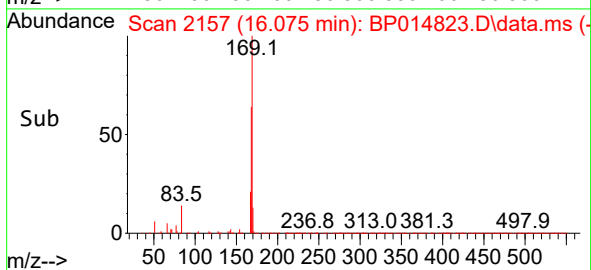
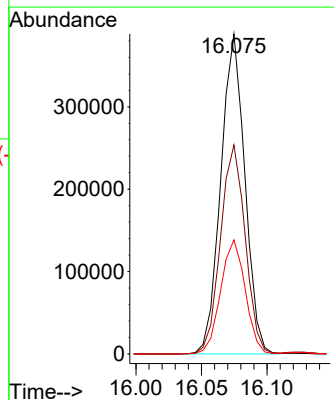
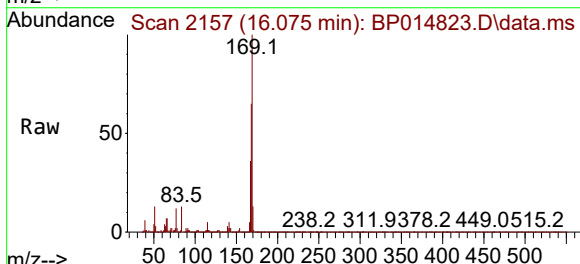
Instrument :
BNA_P
ClientSampleId :
SSTD010640

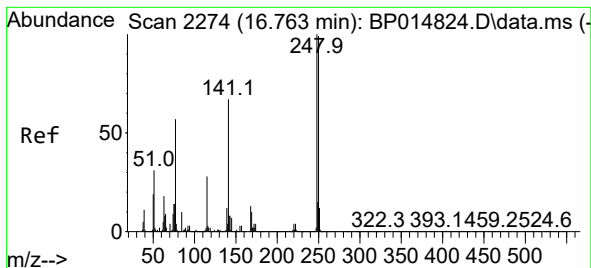
Tgt Ion:198 Resp: 75603
Ion Ratio Lower Upper
198 100
182 5.9 3.5 5.3#
77 26.1 18.7 28.1



#67
N-Nitrosodiphenylamine
Concen: 9.986 ng/ul
RT: 16.075 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:169 Resp: 495517
Ion Ratio Lower Upper
169 100
168 65.3 53.6 80.4
167 35.7 29.4 44.0

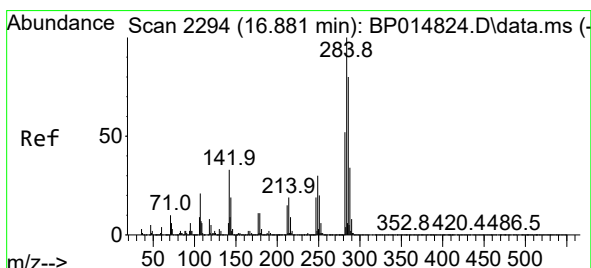
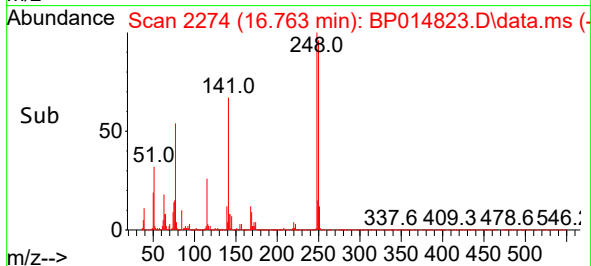
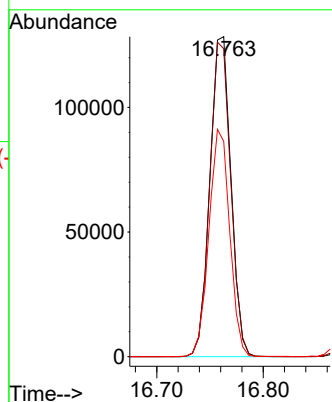
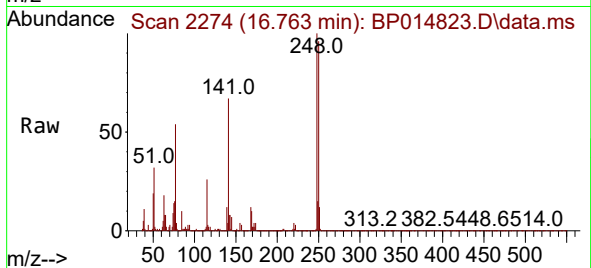




#68
4-Bromophenyl-phenylether
Concen: 9.666 ng/ul
RT: 16.763 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

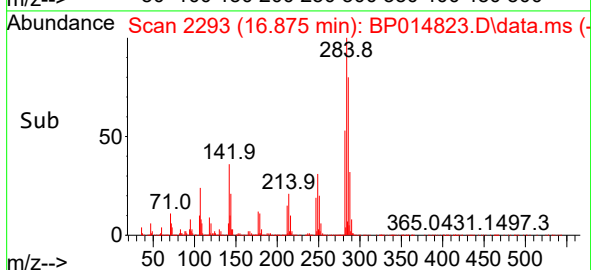
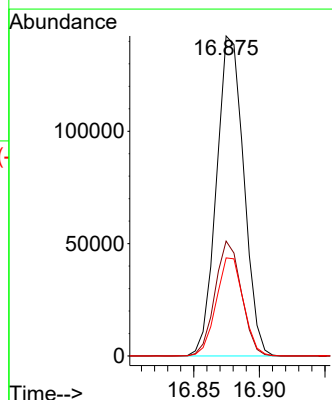
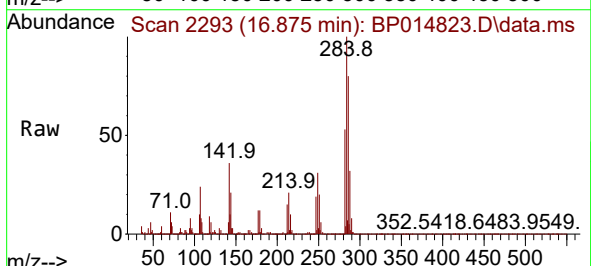
Instrument :
BNA_P
ClientSampleId :
SSTD010640

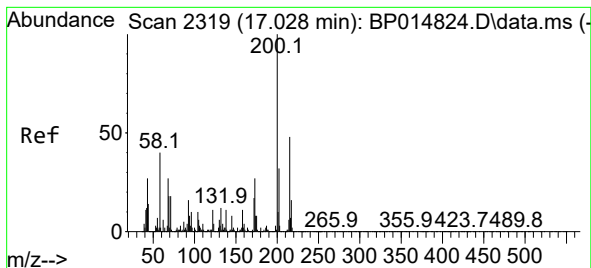
Tgt Ion:248 Resp: 176478
Ion Ratio Lower Upper
248 100
250 96.2 79.1 118.7
141 67.3 53.8 80.6



#69
Hexachlorobenzene
Concen: 9.724 ng/ul
RT: 16.875 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:284 Resp: 205885
Ion Ratio Lower Upper
284 100
142 35.9 26.5 39.7
249 30.6 24.4 36.6





#70

Atrazine

Concen: 9.571 ng/ul

RT: 17.022 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

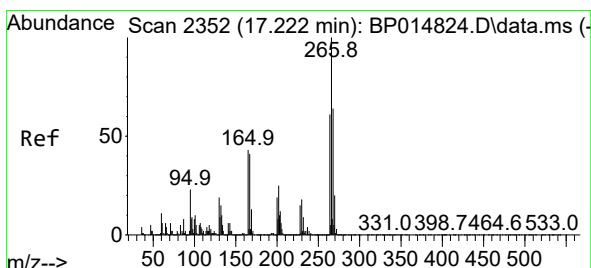
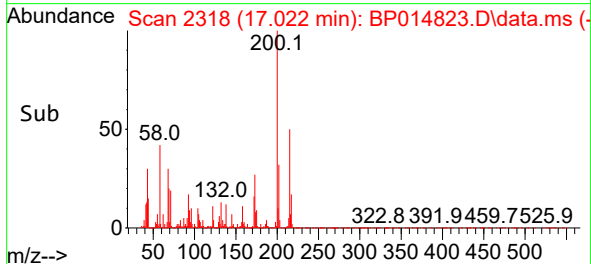
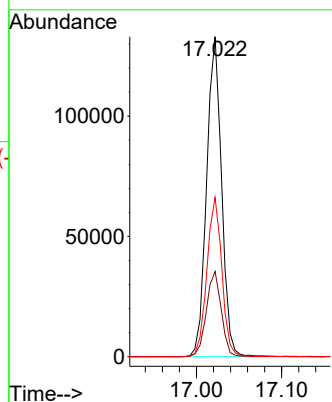
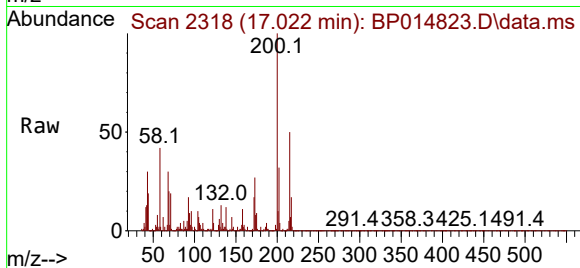
Tgt Ion:200 Resp: 162326

Ion Ratio Lower Upper

200 100

173 26.7 21.5 32.3

215 49.8 38.4 57.6



#71

Pentachlorophenol

Concen: 8.562 ng/ul

RT: 17.222 min Scan# 2352

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

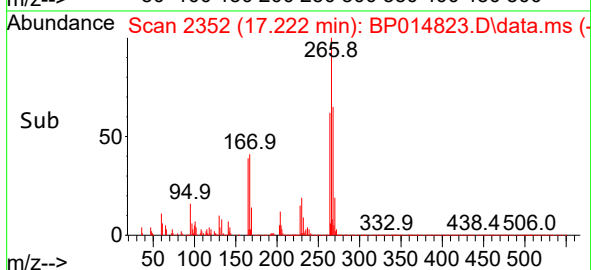
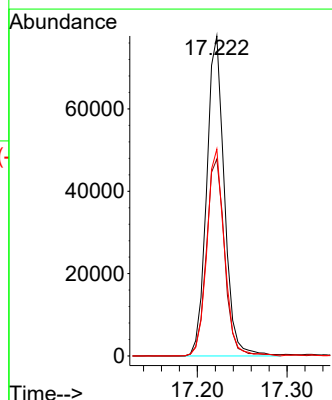
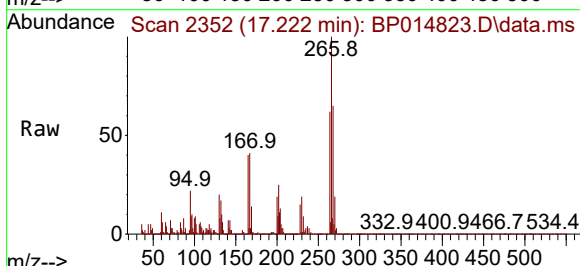
Tgt Ion:266 Resp: 106343

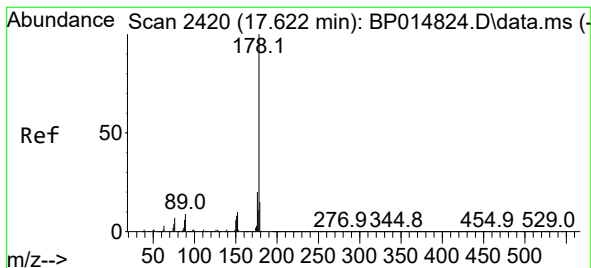
Ion Ratio Lower Upper

266 100

264 61.5 49.0 73.4

268 64.6 51.4 77.2





#72

Phenanthrene

Concen: 10.132 ng/ul

RT: 17.622 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

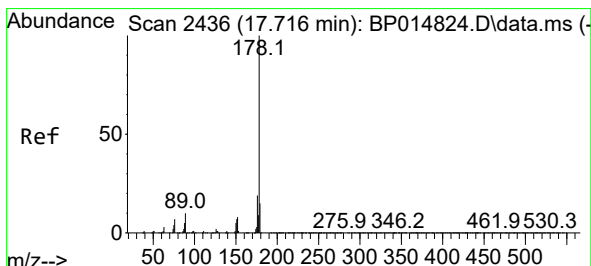
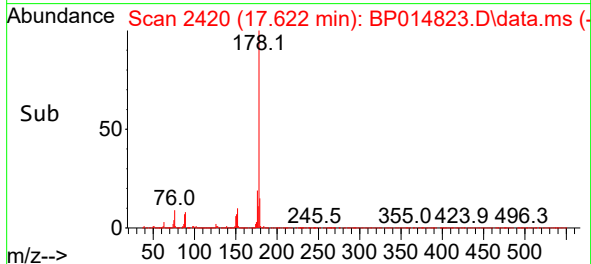
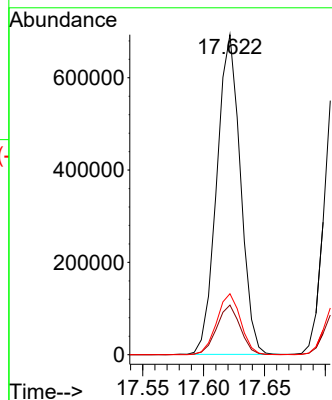
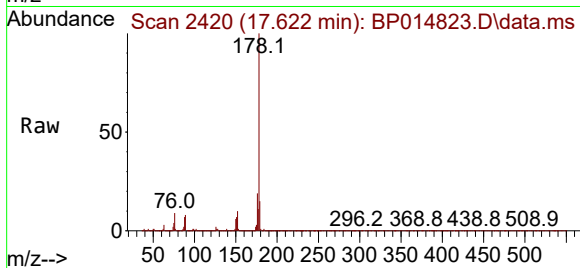
Tgt Ion:178 Resp: 936218

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.0 15.7 23.5



#74

Anthracene

Concen: 10.203 ng/ul

RT: 17.710 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

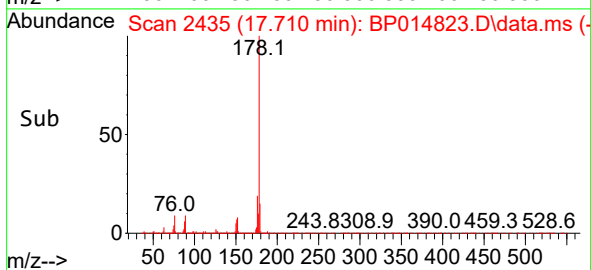
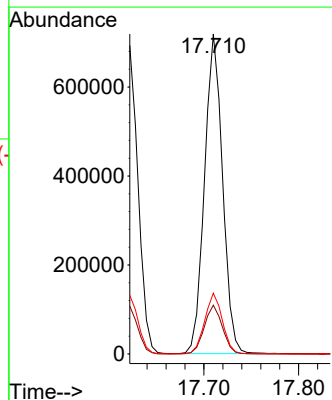
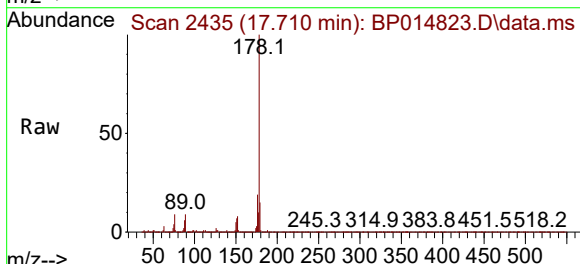
Tgt Ion:178 Resp: 950548

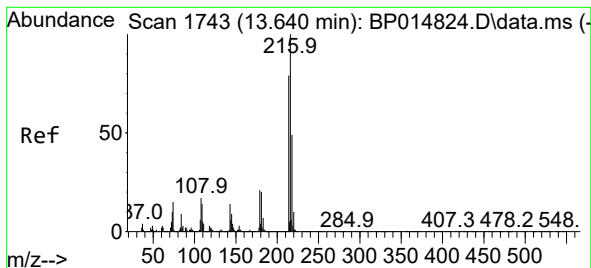
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.0 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 9.599 ng/uL

RT: 13.634 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

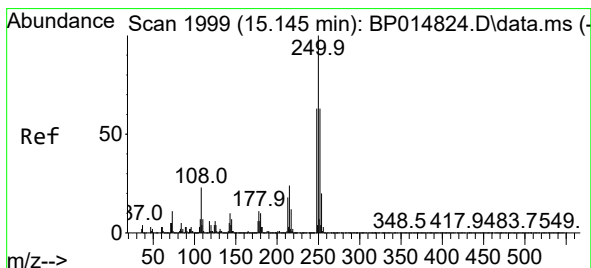
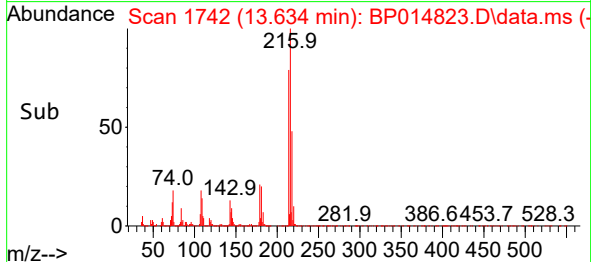
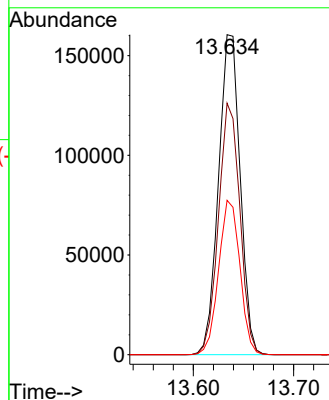
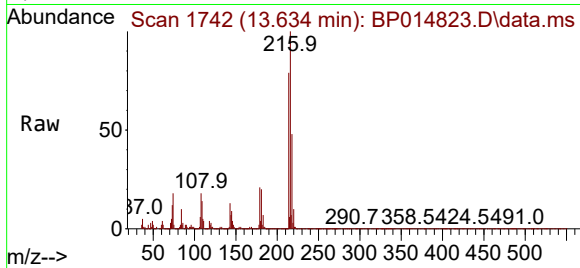
Tgt Ion:216 Resp: 241107

Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

218 48.2 39.5 59.3



#76

Pentachlorobenzene

Concen: 9.785 ng/uL

RT: 15.145 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

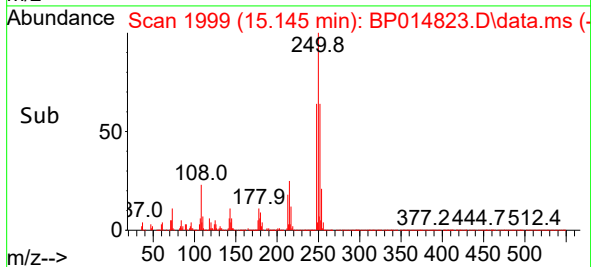
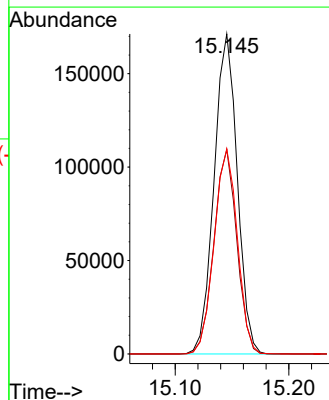
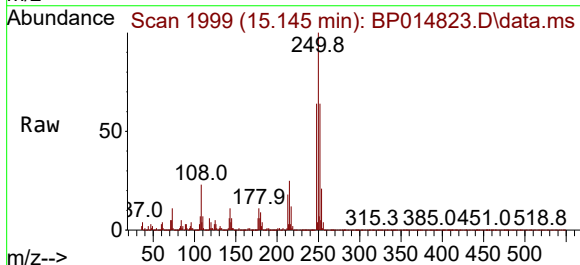
Tgt Ion:250 Resp: 242657

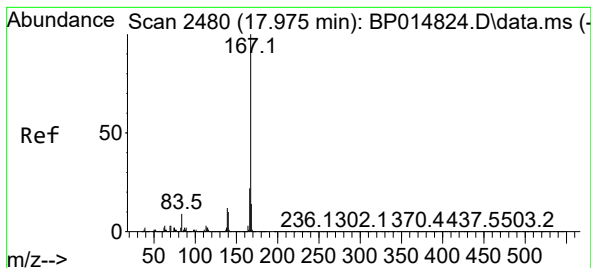
Ion Ratio Lower Upper

250 100

248 63.9 50.4 75.6

252 64.1 50.3 75.5





#77

Carbazole

Concen: 10.600 ng/ul

RT: 17.975 min Scan# 2480

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

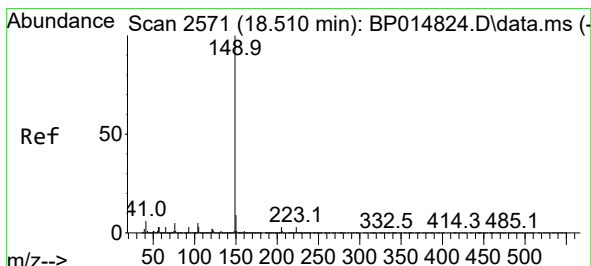
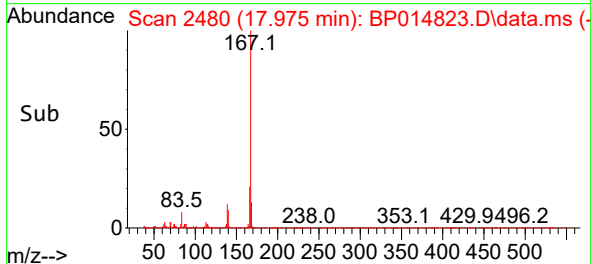
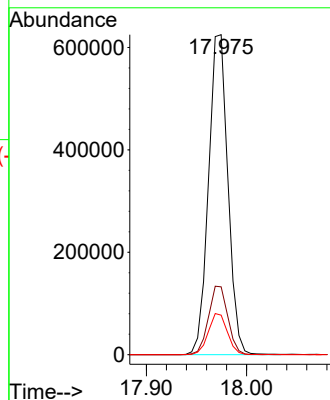
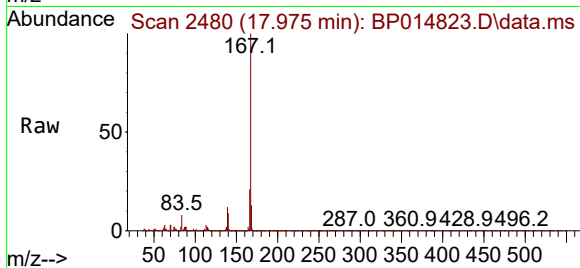
Tgt Ion:167 Resp: 840478

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.4 9.8 14.8



#78

Di-n-butylphthalate

Concen: 9.586 ng/ul

RT: 18.510 min Scan# 2571

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

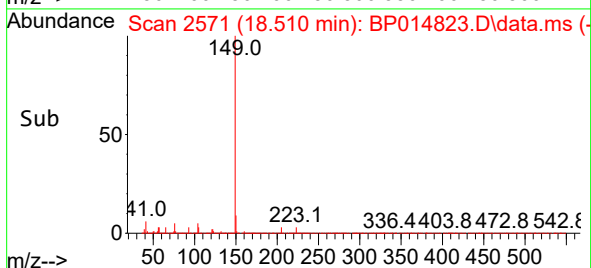
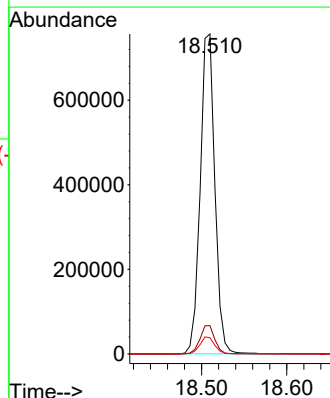
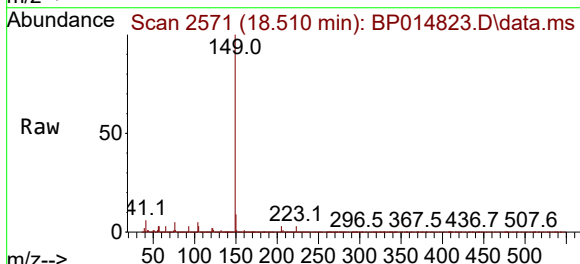
Tgt Ion:149 Resp: 902092

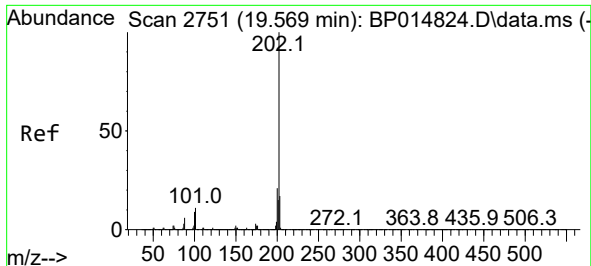
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 5.0 3.9 5.9

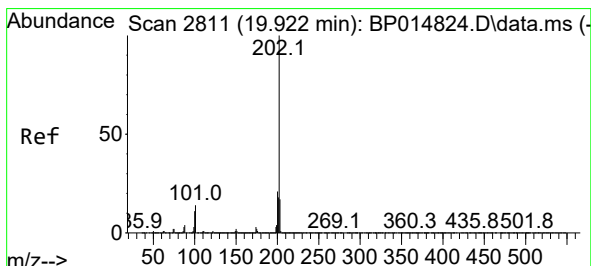
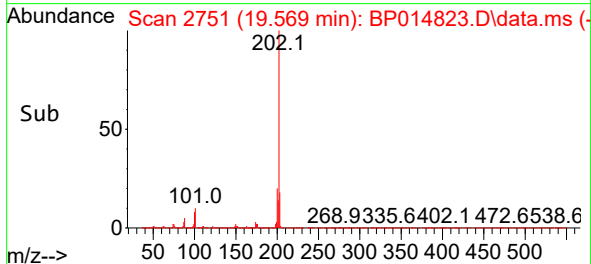
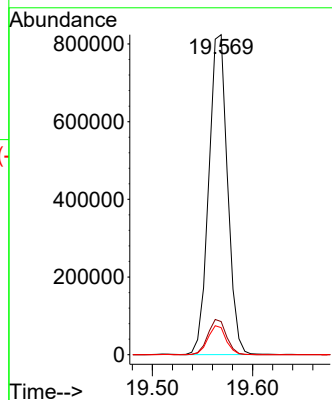
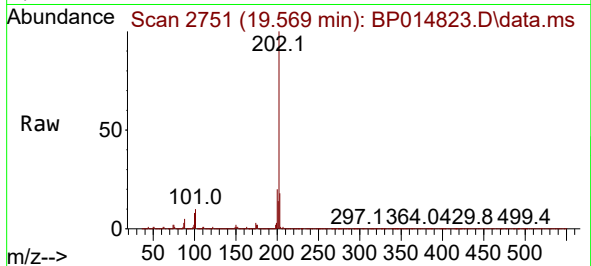




#80
Fluoranthene
Concen: 9.614 ng/ul
RT: 19.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

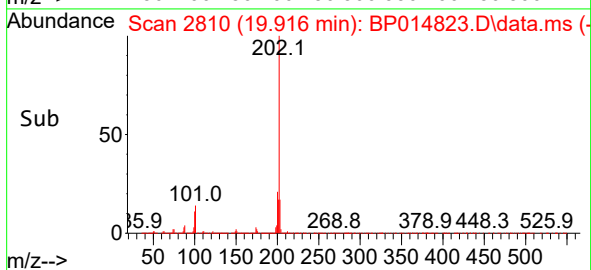
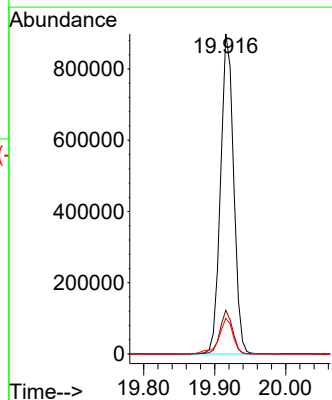
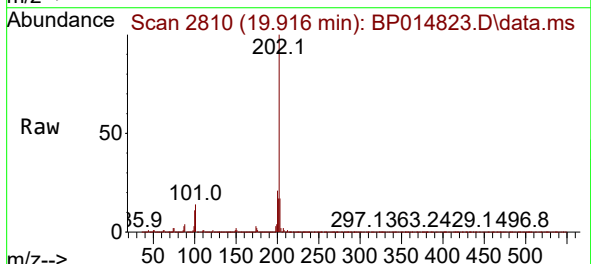
Instrument :
BNA_P
ClientSampleId :
SSTD010640

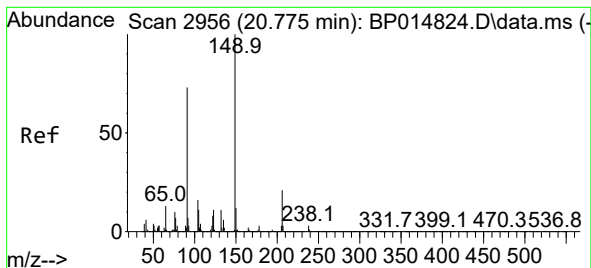
Tgt Ion:202 Resp: 1072985
Ion Ratio Lower Upper
202 100
101 10.3 9.1 13.7
100 8.5 7.0 10.4



#82
Pyrene
Concen: 9.906 ng/ul
RT: 19.916 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:202 Resp: 1143385
Ion Ratio Lower Upper
202 100
101 13.7 11.1 16.7
100 11.2 9.0 13.6





#83

Butylbenzylphthalate

Concen: 8.423 ng/ul

RT: 20.774 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

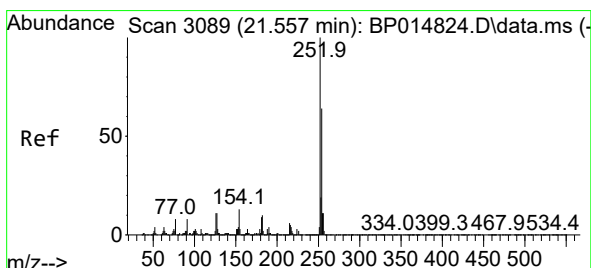
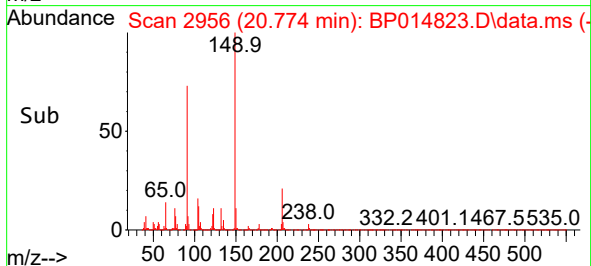
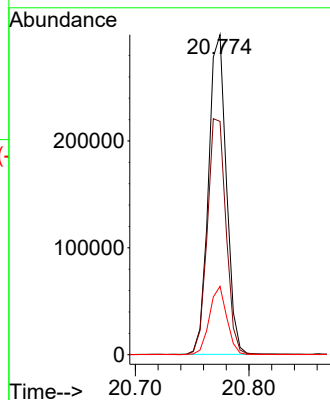
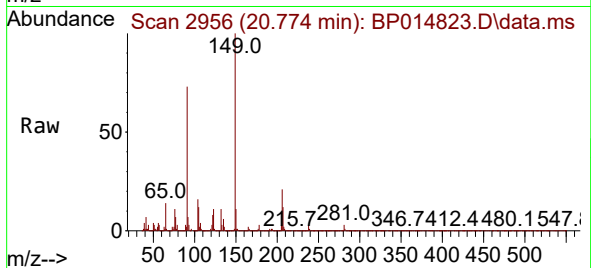
Tgt Ion:149 Resp: 326220

Ion Ratio Lower Upper

149 100

91 72.9 58.5 87.7

206 21.4 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 9.004 ng/ul

RT: 21.557 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

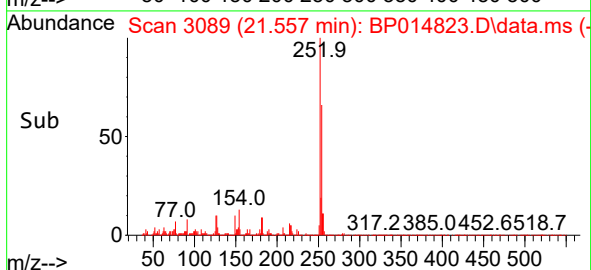
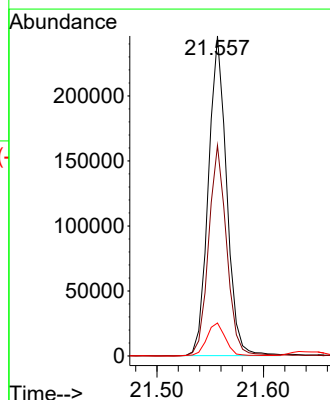
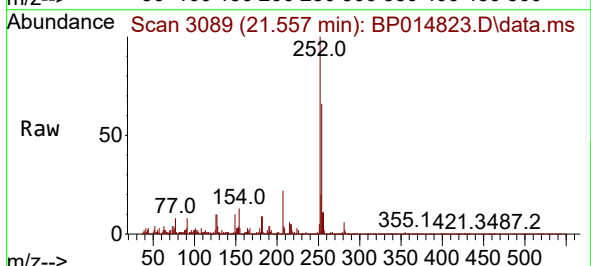
Tgt Ion:252 Resp: 292663

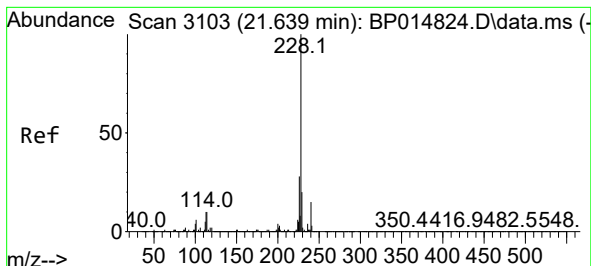
Ion Ratio Lower Upper

252 100

254 65.8 51.4 77.0

126 10.3 9.2 13.8





#85

Benzo(a)anthracene

Concen: 9.874 ng/ul

RT: 21.633 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

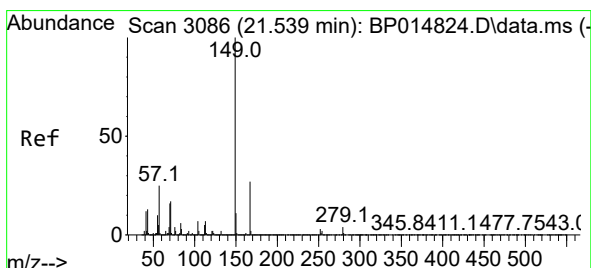
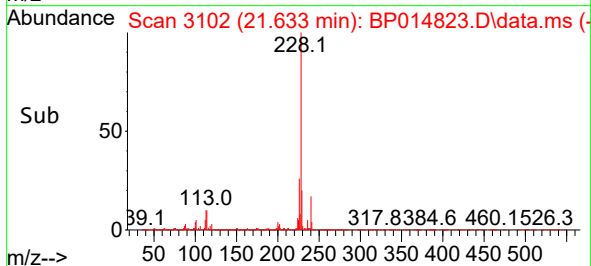
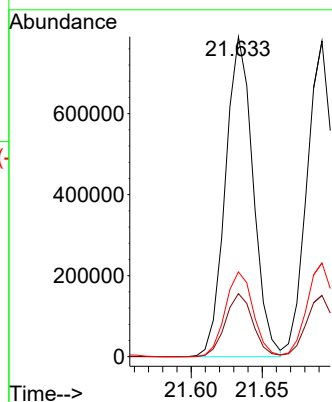
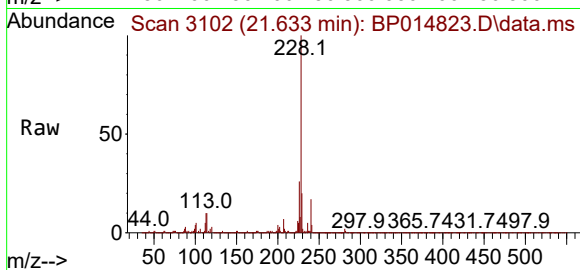
Tgt Ion:228 Resp: 1069936

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 26.5 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 8.454 ng/ul

RT: 21.539 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

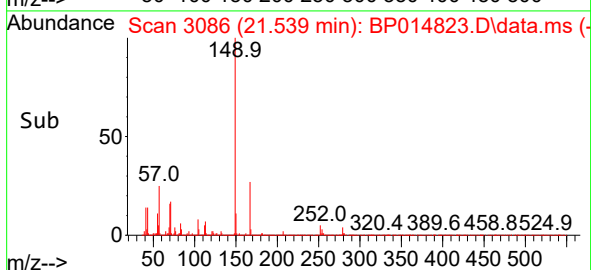
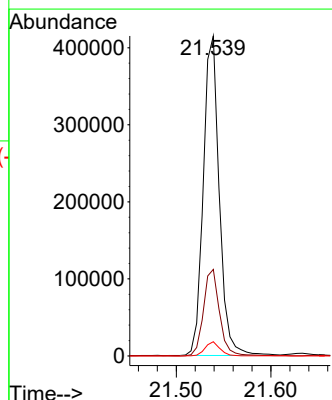
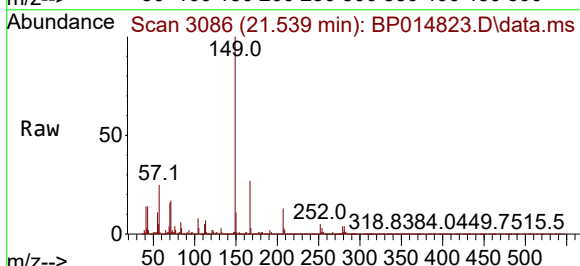
Tgt Ion:149 Resp: 486048

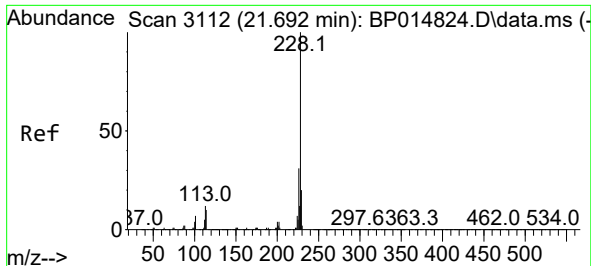
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 4.5 3.4 5.0

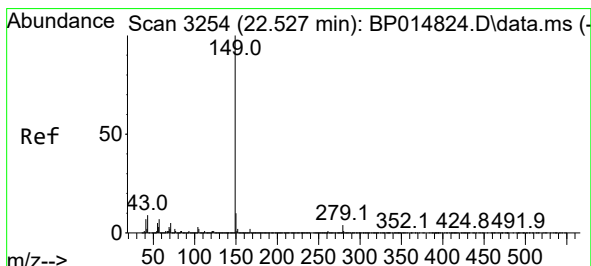
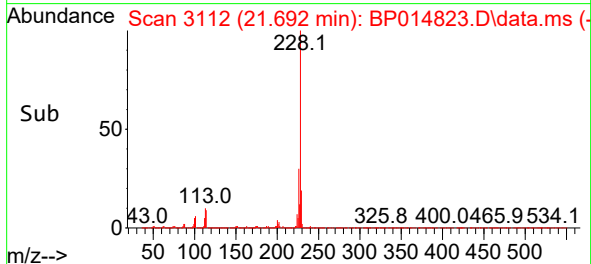
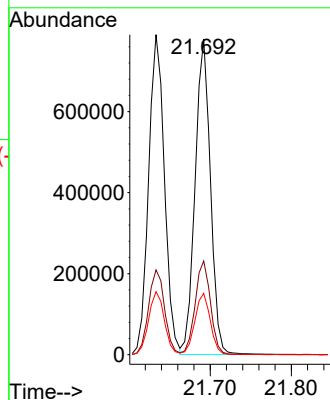
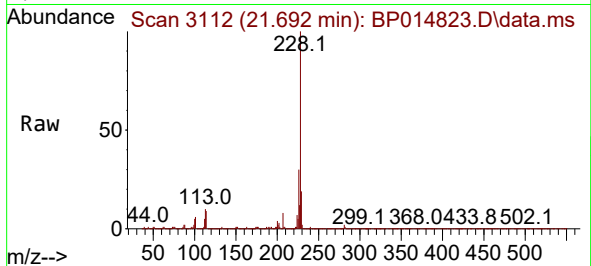




#87
Chrysene
Concen: 9.956 ng/ul
RT: 21.692 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

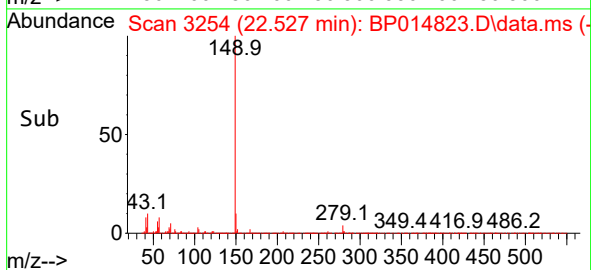
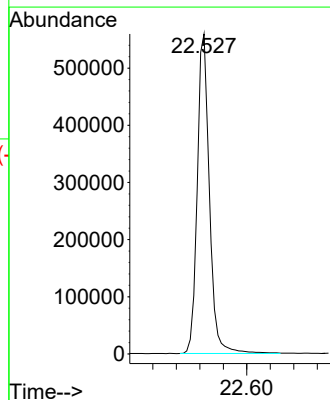
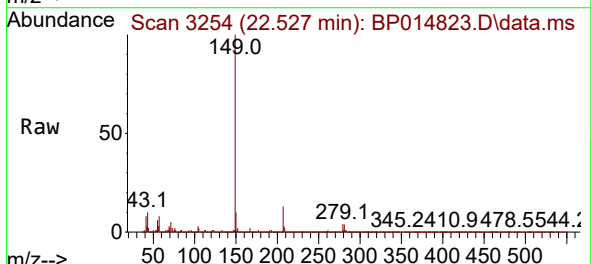
Instrument :
BNA_P
ClientSampleId :
SSTD010640

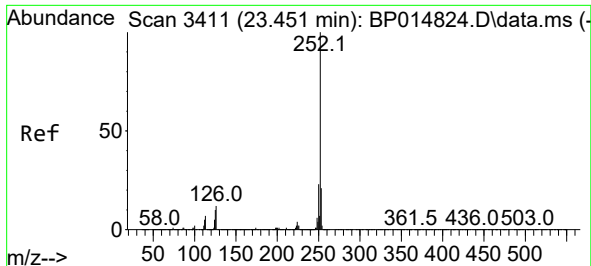
Tgt Ion:228 Resp: 1022737
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 19.4 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 7.837 ng/ul
RT: 22.527 min Scan# 3254
Delta R.T. -0.000 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:149 Resp: 802203

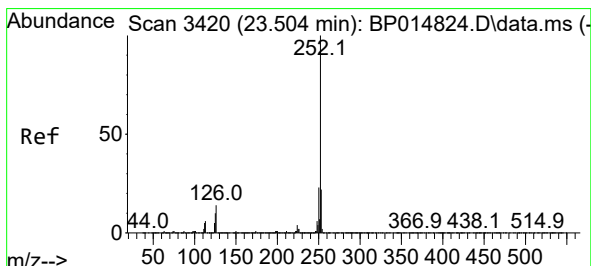
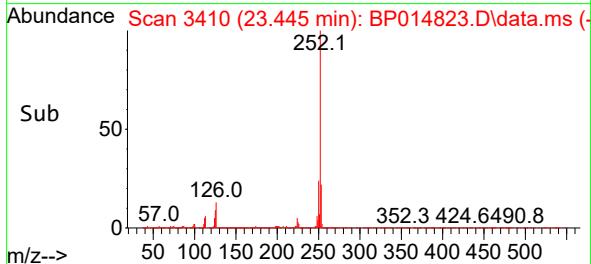
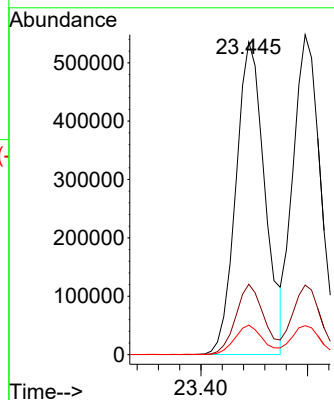
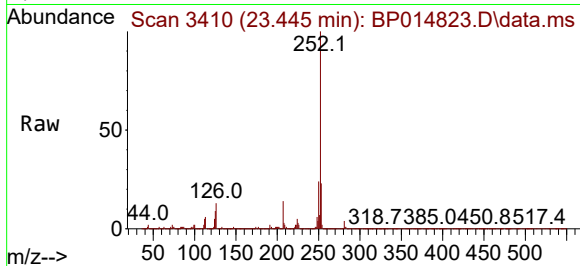




#90
Benzo(b)fluoranthene
Concen: 9.618 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

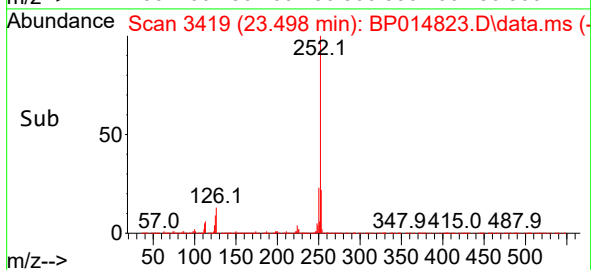
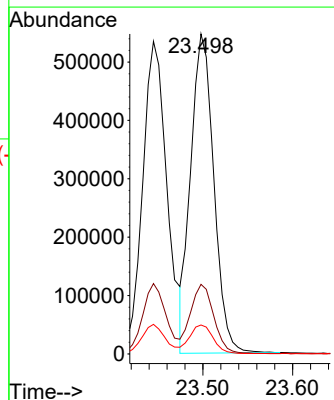
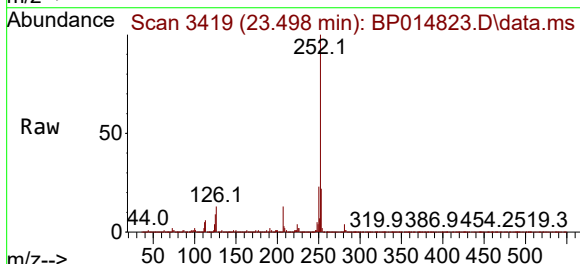
Instrument :
BNA_P
ClientSampleId :
SSTD010640

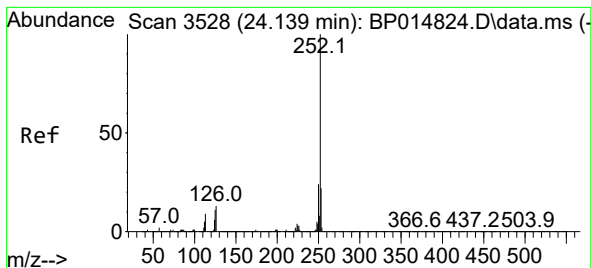
Tgt Ion:252 Resp: 1014060
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 9.5 7.8 11.8



#91
Benzo(k)fluoranthene
Concen: 9.552 ng/ul
RT: 23.498 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:252 Resp: 976749
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.1 7.9 11.9





#93

Benzo(a)pyrene

Concen: 9.586 ng/ul

RT: 24.133 min Scan# 3528

Delta R.T. -0.006 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

Instrument :

BNA_P

ClientSampleId :

SSTD010640

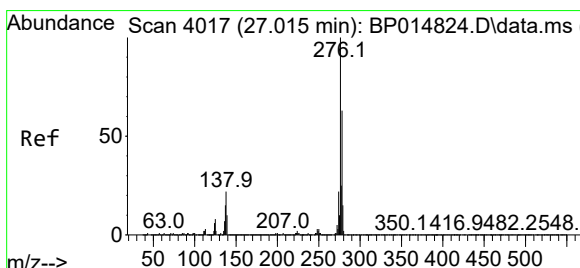
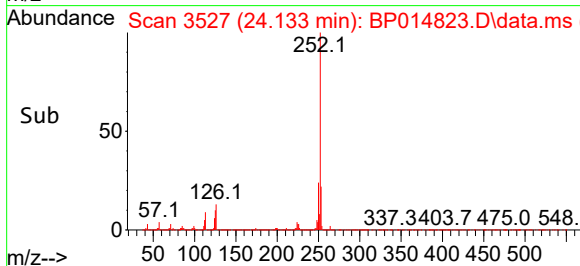
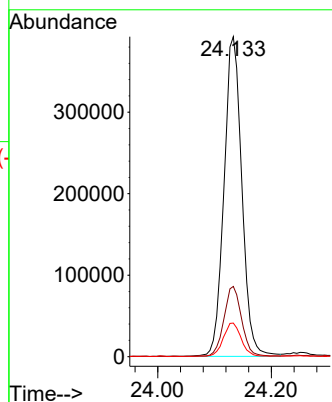
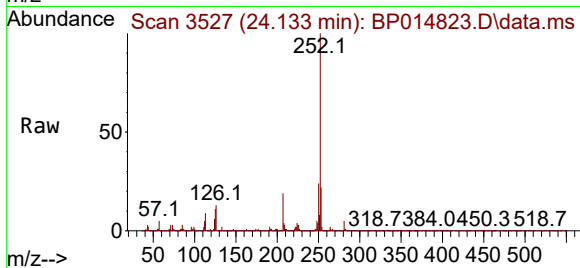
Tgt Ion:252 Resp: 856105

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.5 8.6 12.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.495 ng/ul

RT: 27.004 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP014823.D

Acq: 25 Apr 2023 14:33

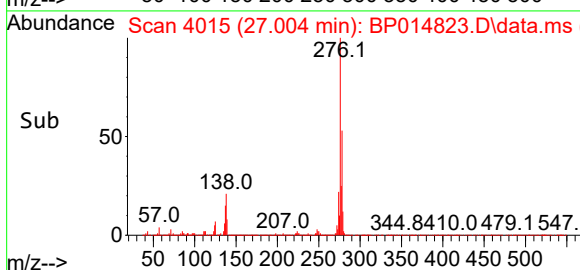
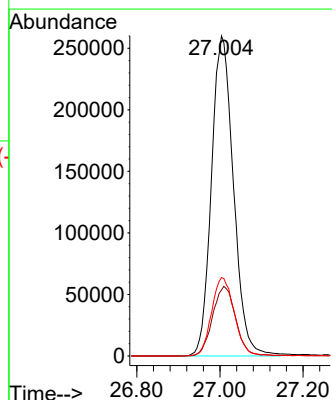
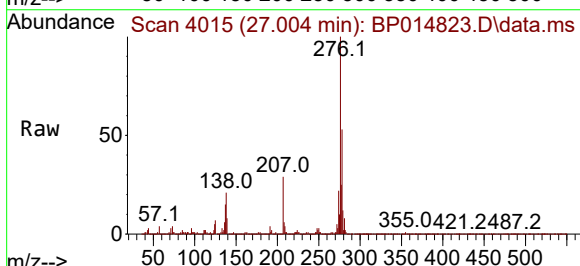
Tgt Ion:276 Resp: 956148

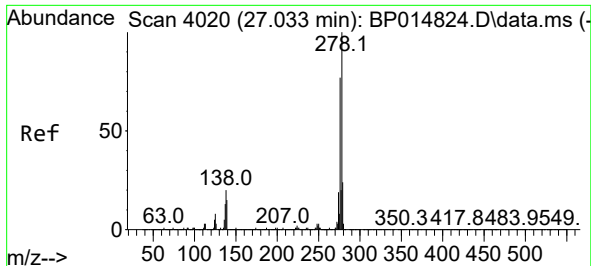
Ion Ratio Lower Upper

276 100

138 20.7 17.7 26.5

277 24.5 19.6 29.4

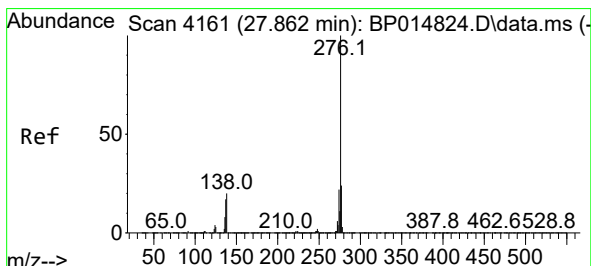
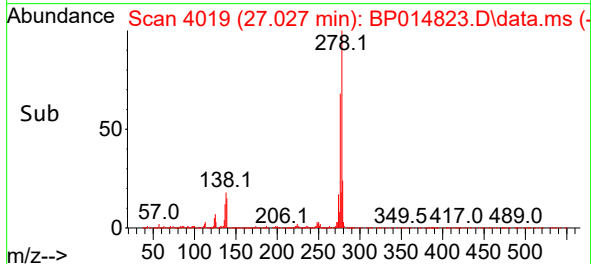
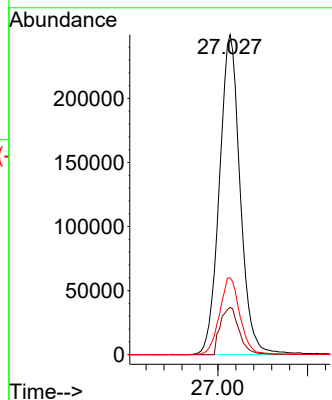
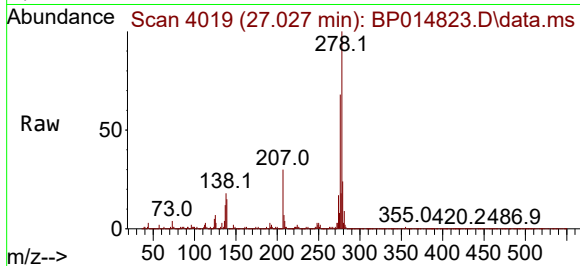




#95
Dibenzo(a,h)anthracene
Concen: 9.549 ng/ul
RT: 27.027 min Scan# 40
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Instrument :
BNA_P
ClientSampleId :
SSTD010640

Tgt Ion:278 Resp: 801982
Ion Ratio Lower Upper
278 100
139 14.8 12.0 18.0
279 24.1 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 9.472 ng/ul
RT: 27.856 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BP014823.D
Acq: 25 Apr 2023 14:33

Tgt Ion:276 Resp: 755755
Ion Ratio Lower Upper
276 100
138 18.8 16.2 24.2
277 23.7 18.9 28.3

