

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014218.D
 Acq On : 22 Mar 2023 13:48
 Operator : CG/JU
 Sample : PB151568BS
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 23 00:59:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	186401	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	779041	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	520751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1199758	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	1103957	20.000	ng/ul	# 0.00
88) Perylene-d12	24.033	264	952560	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	27329	5.539	ng/uL	0.00
4) Pyridine-d5	3.840	84	394882	28.909	ng/ul	0.00
7) Phenol-d5	7.205	99	552881	33.611	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	334334	34.851	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	413387	32.985	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	449678	33.467	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	212126	34.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	254454	34.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	453576	32.397	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	554803	29.944	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1432875	32.422	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	1552169	33.154	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	245907	31.574	ng/ul	0.00
60) Fluorene-d10	15.675	176	1201811	32.087	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	281634	31.059	ng/ul	0.00
73) Anthracene-d10	17.539	188	1968272	33.794	ng/ul	0.00
81) Pyrene-d10	19.763	212	2361416	38.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	1773692	35.005	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	57346	10.767	ng/uL	93
5) Pyridine	3.864	79	379862	27.422	ng/ul	95
6) Benzaldehyde	7.181	77	313551	38.309	ng/ul	98
8) Phenol	7.234	94	571379	33.683	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.464	93	441789	33.994	ng/ul	99
12) 2-Chlorophenol	7.605	128	426282	33.760	ng/ul	96
13) 2-Methylphenol	8.493	108	426101	33.780	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	556633	39.660	ng/ul	97
16) Acetophenone	8.875	105	715296	32.953	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.858	70	383873	34.569	ng/ul	98
18) 4-Methylphenol	8.828	108	467420	33.689	ng/ul	100
19) Hexachloroethane	9.128	117	186710	33.762	ng/ul	97
22) Nitrobenzene	9.263	77	576225	34.654	ng/ul	99
23) Isophorone	9.793	82	1077881	33.662	ng/ul	98
25) 2-Nitrophenol	9.975	139	259535	33.843	ng/ul	97
26) 2,4-Dimethylphenol	10.034	107	544956	32.466	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	640581	34.585	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	444058	32.154	ng/ul	97
30) Naphthalene	10.916	128	1402030	32.773	ng/ul	100
32) 4-Chloroaniline	11.028	127	492903	26.437	ng/ul	100
33) Hexachlorobutadiene	11.193	225	329404	29.974	ng/ul	98
34) Caprolactam	11.834	113	100091	22.321	ng/ul	96
35) 4-Chloro-3-methylphenol	12.152	107	543836	34.054	ng/ul	96
36) 2-Methylnaphthalene	12.516	142	961699	32.051	ng/ul	99

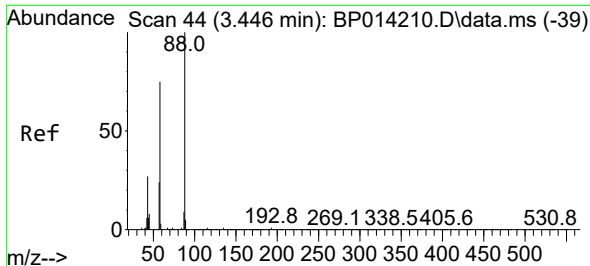
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	994324	32.970	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	605695	32.164	ng/ul	100
40) Hexachlorocyclopentadiene	12.851	237	340698	25.265	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	396021	33.477	ng/ul	99
42) 2,4,5-Trichlorophenol	13.199	196	434692	33.483	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	1345612	33.563	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1083326	34.022	ng/ul	98
45) 2-Nitroaniline	13.775	65	367464	39.019	ng/ul	95
47) Dimethylphthalate	14.134	163	1438565	32.885	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	305354	35.307	ng/ul	97
50) Acenaphthylene	14.404	152	1662222	33.831	ng/ul	99
51) 3-Nitroaniline	14.598	138	293098	38.275	ng/ul	94
52) Acenaphthene	14.746	153	1160890	33.798	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	184517	28.569	ng/ul	97
55) 4-Nitrophenol	14.910	109	236577	28.122	ng/ul	86
56) Dibenzofuran	15.081	168	1657153	33.164	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	450345	34.852	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.310	232	395183	31.818	ng/ul	99
59) Diethylphthalate	15.493	149	1495065	33.696	ng/ul	99
61) Fluorene	15.734	166	1355838	32.734	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	733702	32.093	ng/ul	97
63) 4-Nitroaniline	15.763	138	319961	40.649	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.816	198	277881	32.121	ng/ul	97
67) N-Nitrosodiphenylamine	15.934	169	1177832	34.760	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	482880	33.293	ng/ul	99
69) Hexachlorobenzene	16.740	284	562799	32.929	ng/ul	100
70) Atrazine	16.892	200	372565	25.493	ng/ul	99
71) Pentachlorophenol	17.087	266	334786	29.966	ng/ul	97
72) Phenanthrene	17.481	178	2237368	34.191	ng/ul	100
74) Anthracene	17.575	178	2285877	34.452	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	614125	33.353	ng/ul	99
76) Pentachlorobenzene	14.998	250	627452	32.805	ng/ul	99
77) Carbazole	17.845	167	2065816	35.298	ng/ul	100
78) Di-n-butylphthalate	18.369	149	2722101	37.216	ng/ul	100
80) Fluoranthene	19.433	202	2809421	40.482	ng/ul#	94
82) Pyrene	19.792	202	2867036	39.602	ng/ul	97
83) Butylbenzylphthalate	20.645	149	1289425	44.172	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	855486	30.271	ng/ul	99
85) Benzo(a)anthracene	21.498	228	2729859	35.157	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1913538	43.846	ng/ul	99
87) Chrysene	21.557	228	2547026	34.419	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	3172002	52.774	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2378235	37.468	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	2234763	36.923	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1930922	34.975	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	2273075	31.102	ng/ul	97
95) Dibenzo(a,h)anthracene	26.698	278	1905126	31.363	ng/ul	98
96) Benzo(g,h,i)perylene	27.492	276	1815734	31.083	ng/ul	99

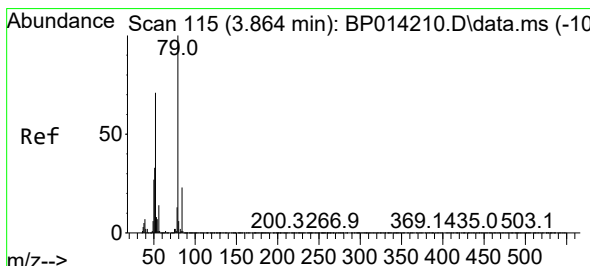
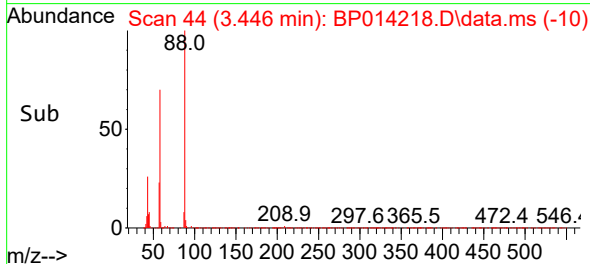
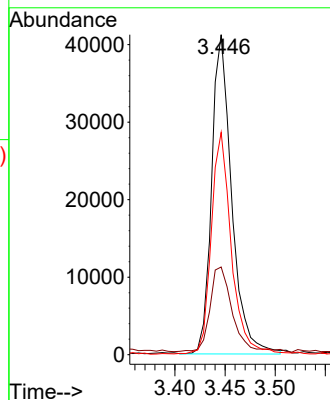
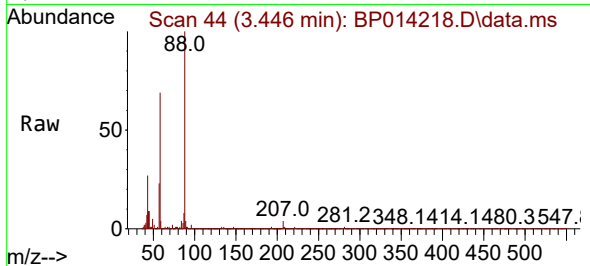
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 10.767 ng/uL
 RT: 3.446 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BP014218.D
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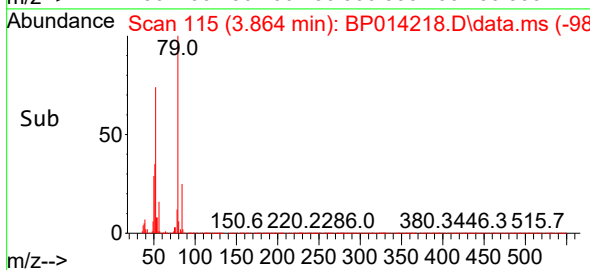
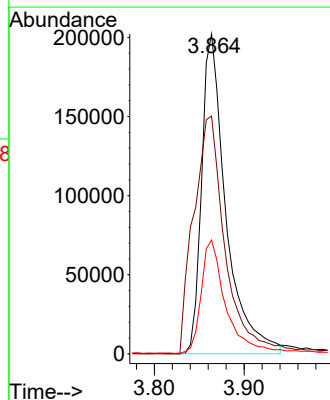
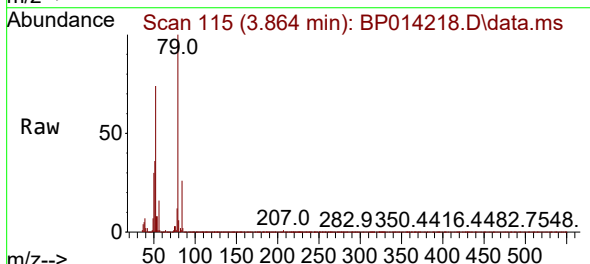
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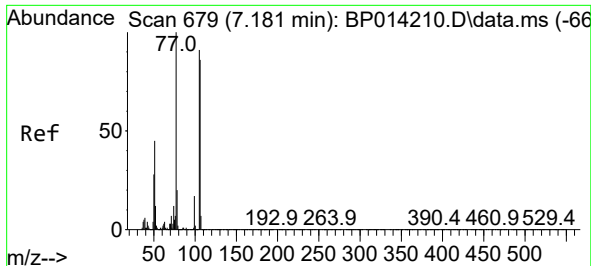
Tgt Ion: 88 Resp: 57346
 Ion Ratio Lower Upper
 88 100
 43 27.4 23.9 35.9
 58 69.5 50.2 75.2



#5
 Pyridine
 Concen: 27.422 ng/uL
 RT: 3.864 min Scan# 115
 Delta R.T. 0.000 min
 Lab File: BP014218.D
 Acq: 22 Mar 2023 13:48

Tgt Ion: 79 Resp: 379862
 Ion Ratio Lower Upper
 79 100
 52 74.3 55.1 82.7
 51 35.6 28.9 43.3

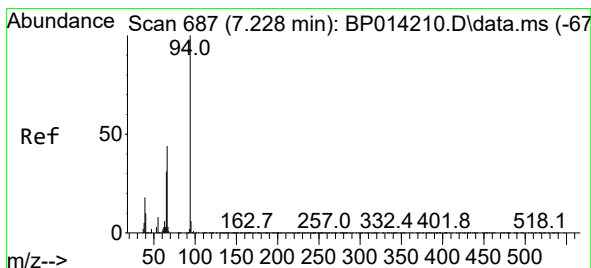
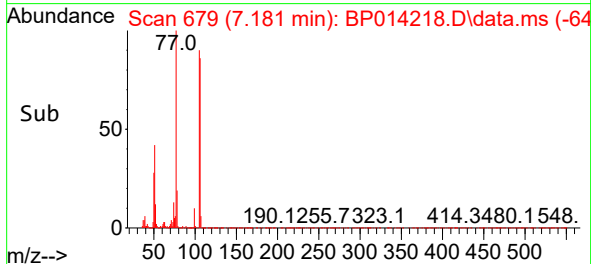
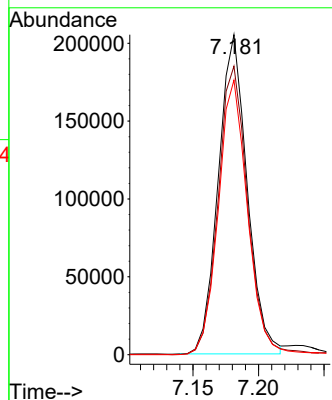
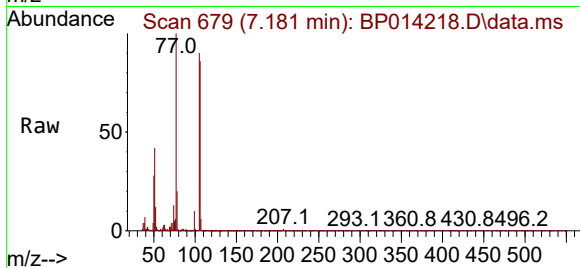




#6
Benzaldehyde
Concen: 38.309 ng/ul
RT: 7.181 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

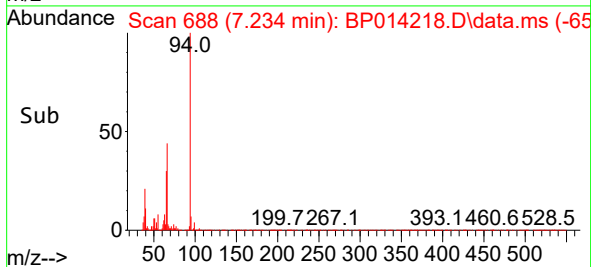
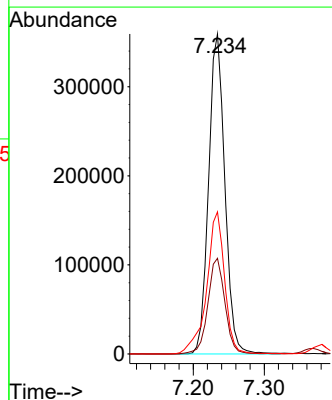
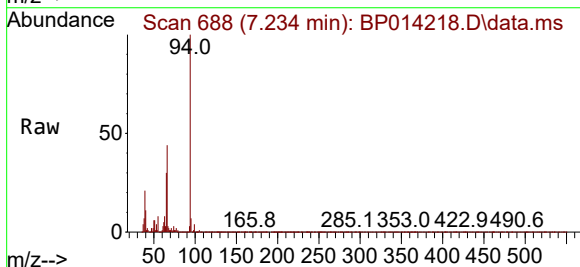
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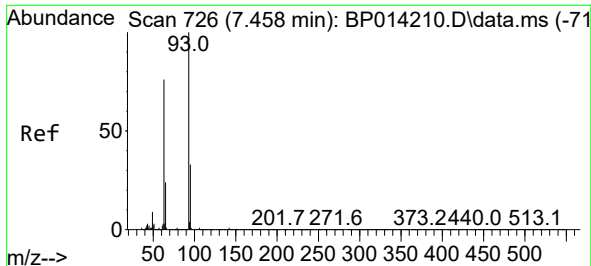
Tgt Ion: 77 Resp: 313551
Ion Ratio Lower Upper
77 100
105 90.1 74.2 111.2
106 85.8 69.8 104.8



#8
Phenol
Concen: 33.683 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion: 94 Resp: 571379
Ion Ratio Lower Upper
94 100
65 29.9 25.2 37.8
66 44.4 37.2 55.8

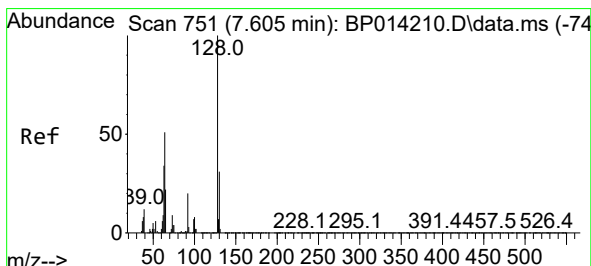
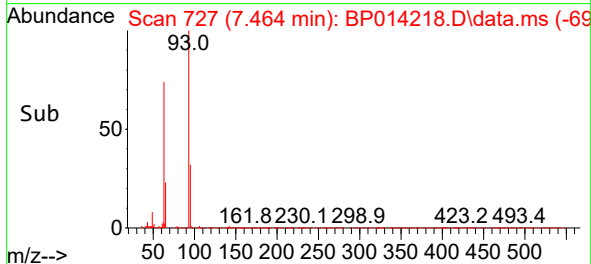
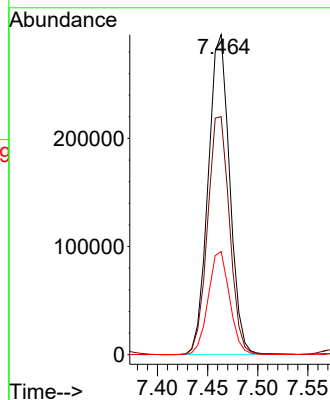
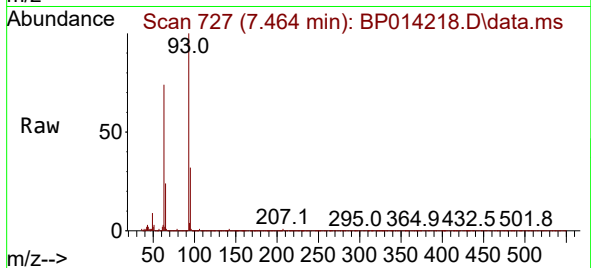




#10
Bis(2-Chloroethyl)ether
Concen: 33.994 ng/ul
RT: 7.464 min Scan# 727
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

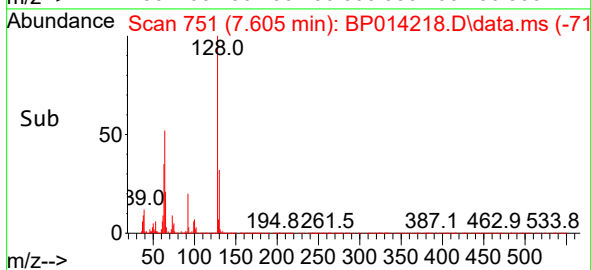
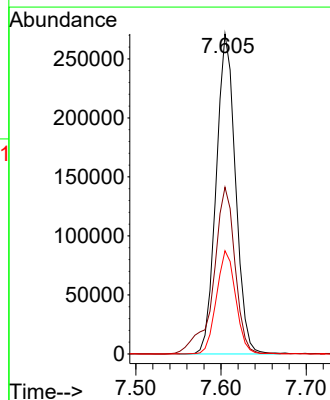
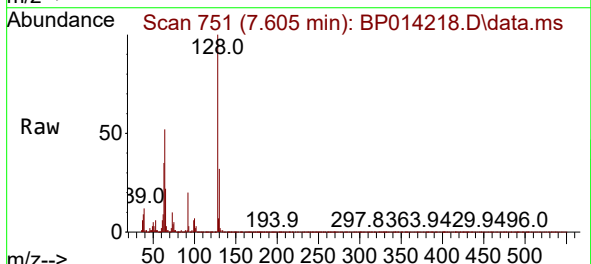
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ClientSampleId :

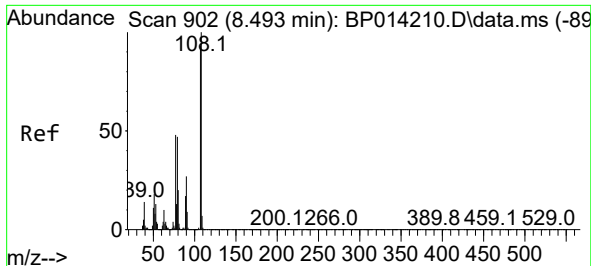
Tgt Ion: 93 Resp: 441789
Ion Ratio Lower Upper
93 100
63 74.4 58.8 88.2
95 32.3 25.8 38.6



#12
2-Chlorophenol
Concen: 33.760 ng/ul
RT: 7.605 min Scan# 751
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:128 Resp: 426282
Ion Ratio Lower Upper
128 100
64 52.1 38.3 57.5
130 32.3 25.7 38.5





#13

2-Methylphenol

Concen: 33.780 ng/ul

RT: 8.493 min Scan# 902

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

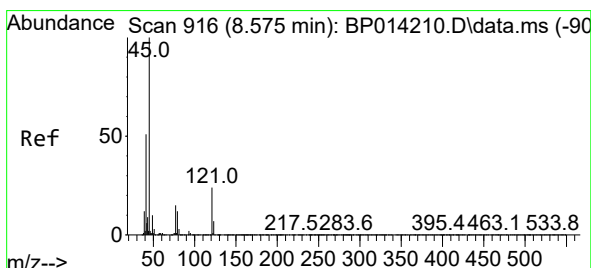
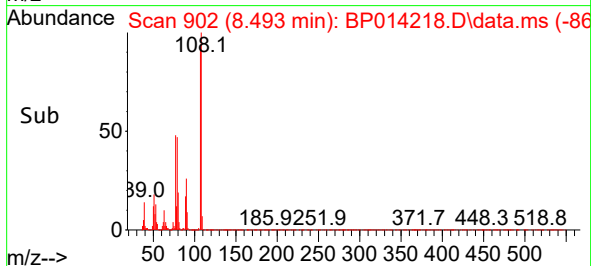
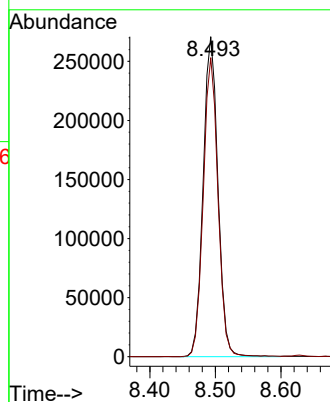
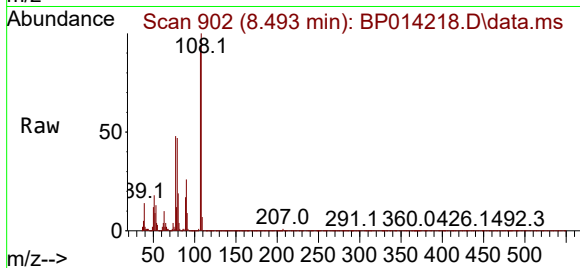
ClientSampleId :

Tgt Ion:108 Resp: 426101

Ion Ratio Lower Upper

108 100

107 93.5 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 39.660 ng/ul

RT: 8.575 min Scan# 916

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

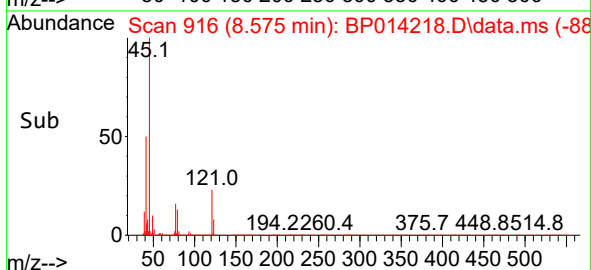
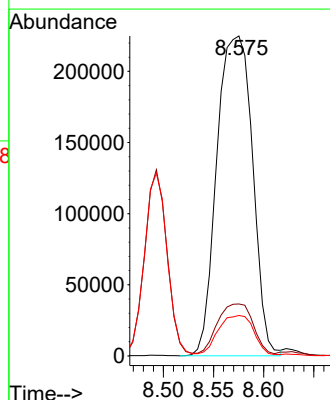
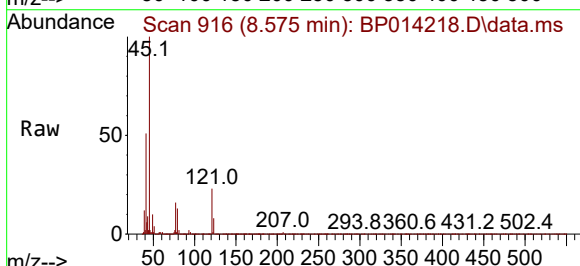
Tgt Ion: 45 Resp: 556633

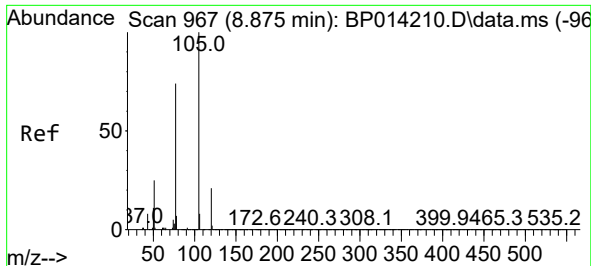
Ion Ratio Lower Upper

45 100

77 16.2 14.2 21.2

79 12.6 10.6 15.8

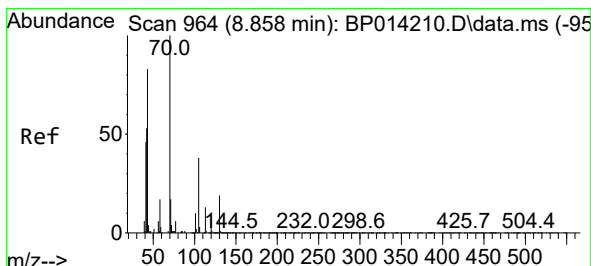
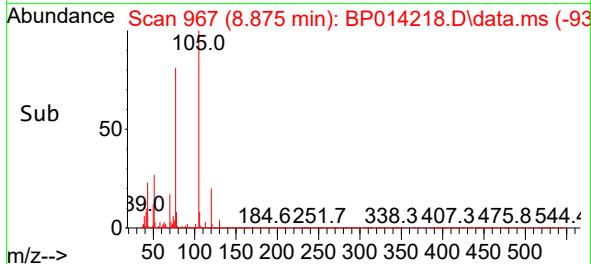
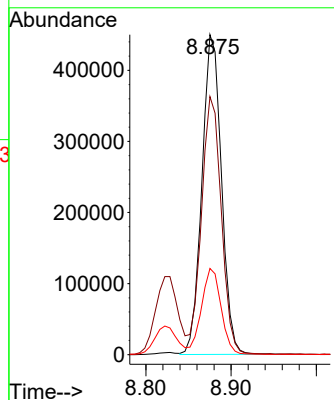
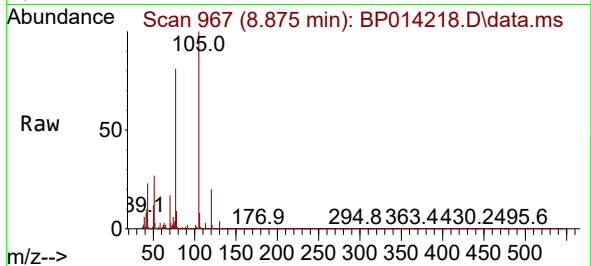




#16
Acetophenone
Concen: 32.953 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

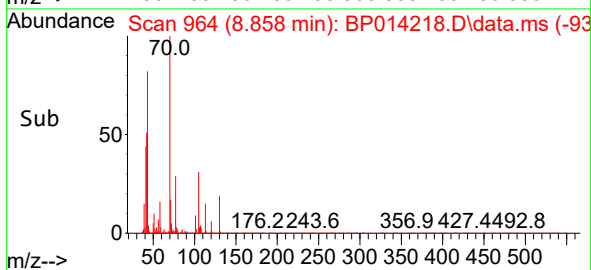
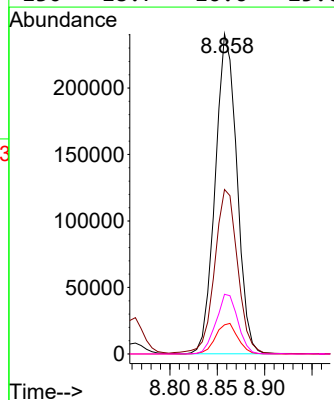
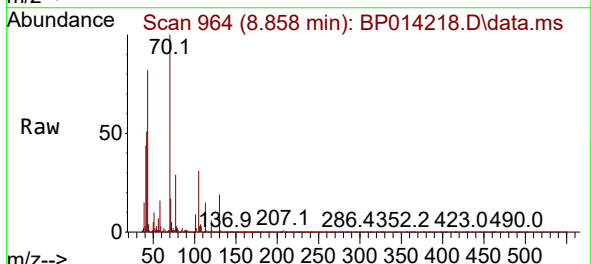
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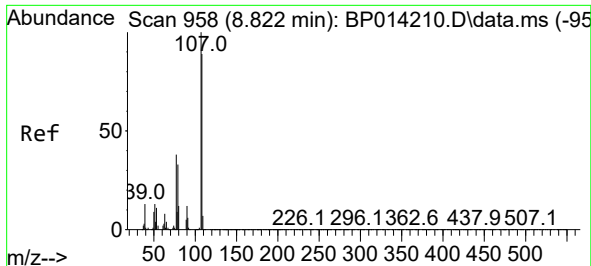
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Ion Ratio Lower Upper
105 100
77 80.7 65.4 98.2
51 27.0 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 34.569 ng/ul
RT: 8.858 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion: 70 Resp: 383873
Ion Ratio Lower Upper
70 100
42 51.4 40.9 61.3
101 9.1 7.9 11.9
130 18.7 16.6 25.0

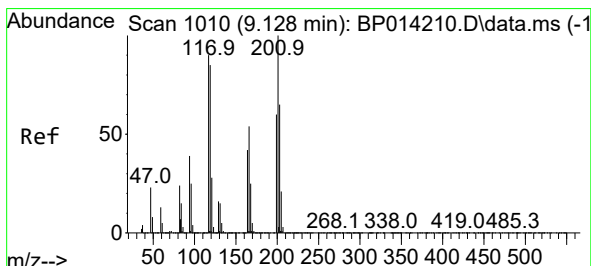
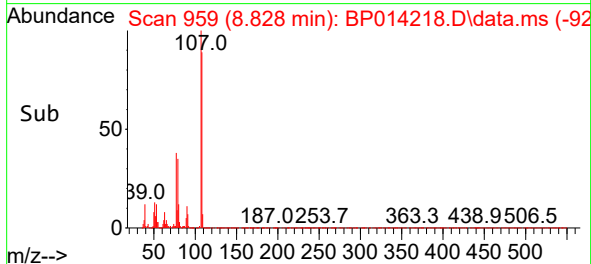
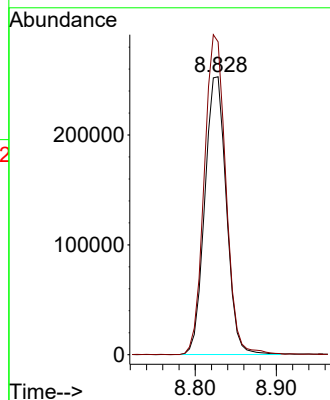
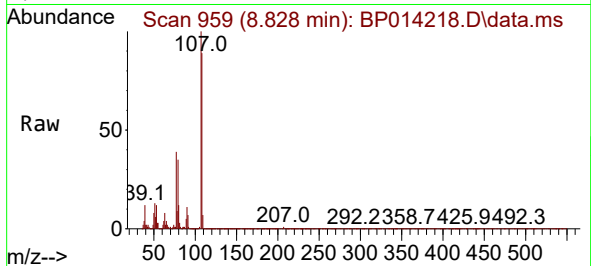




#18
4-Methylphenol
Concen: 33.689 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

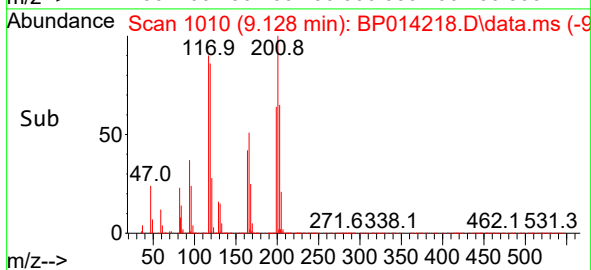
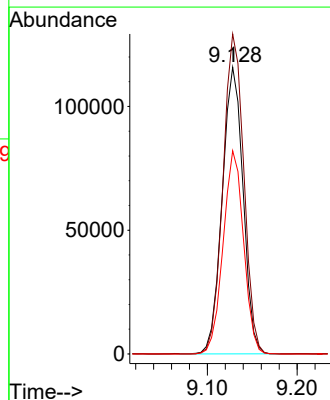
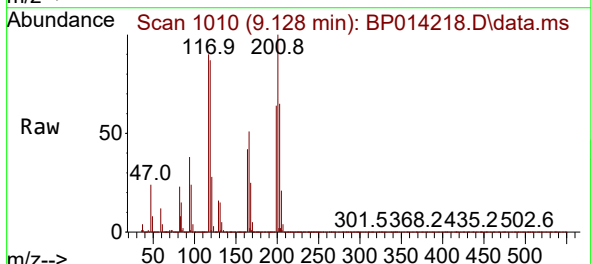
Instrument :
BNA_P
ClientSampleId :

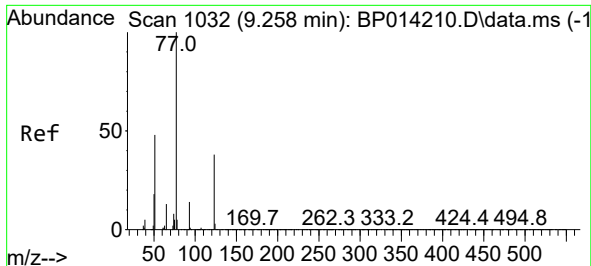
Tgt Ion:108 Resp: 467420
Ion Ratio Lower Upper
108 100
107 112.5 89.8 134.6



#19
Hexachloroethane
Concen: 33.762 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:117 Resp: 186710
Ion Ratio Lower Upper
117 100
201 111.6 91.7 137.5
199 70.9 59.1 88.7

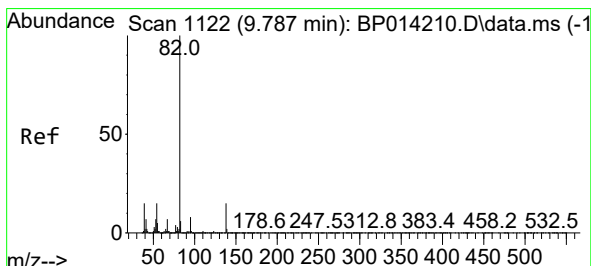
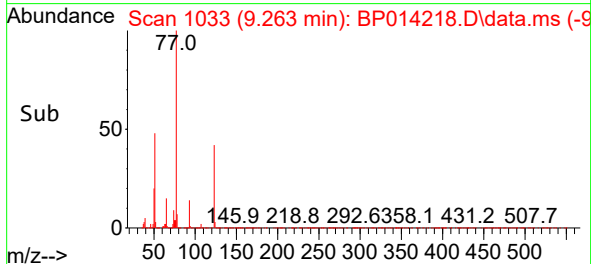
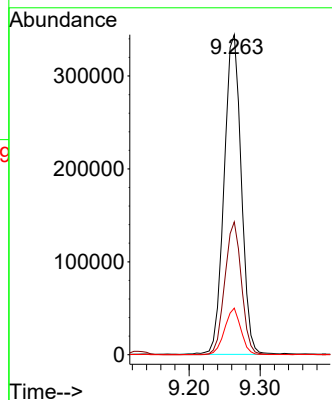
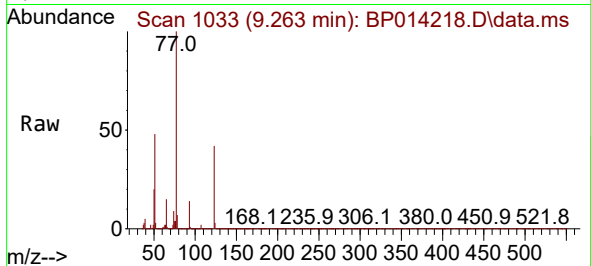




#22
Nitrobenzene
Concen: 34.654 ng/ul
RT: 9.263 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

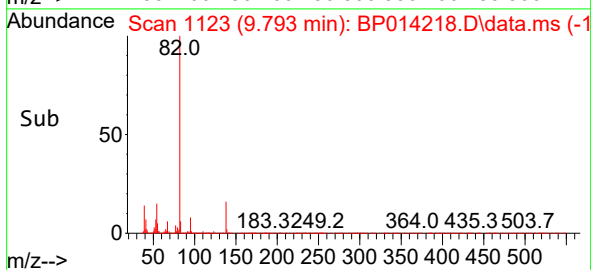
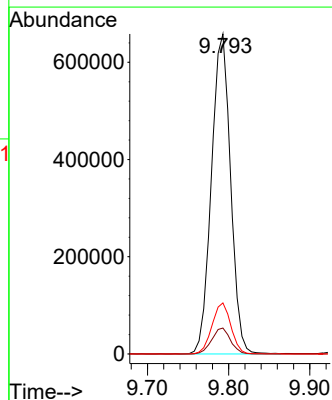
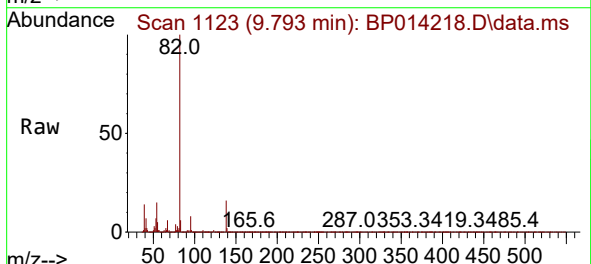
Instrument :
BNA_P
ClientSampleId :

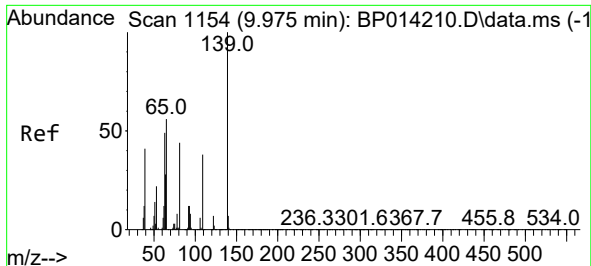
Tgt Ion: 77 Resp: 576225
Ion Ratio Lower Upper
77 100
123 41.5 32.6 48.8
65 14.6 11.2 16.8



#23
Isophorone
Concen: 33.662 ng/ul
RT: 9.793 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion: 82 Resp: 1077881
Ion Ratio Lower Upper
82 100
95 8.1 7.1 10.7
138 16.0 13.3 19.9

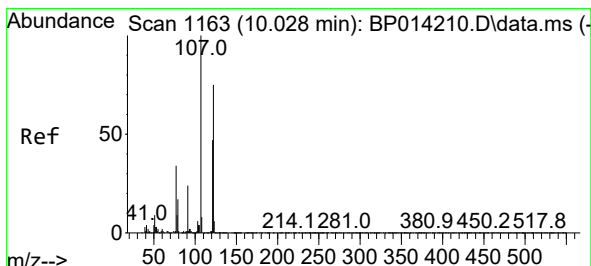
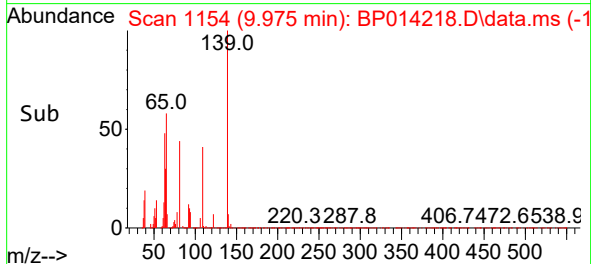
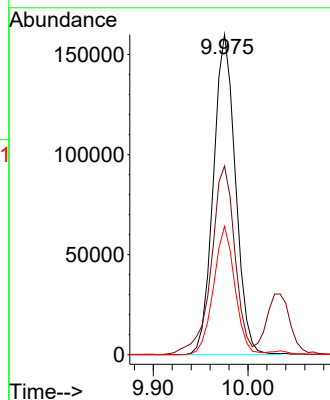
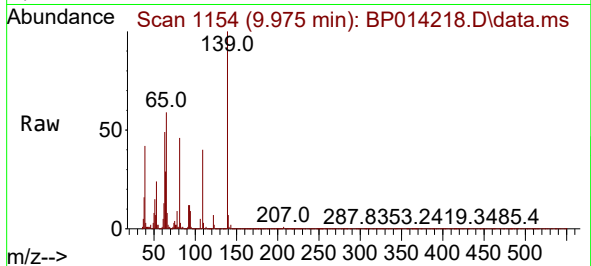




#25
2-Nitrophenol
Concen: 33.843 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

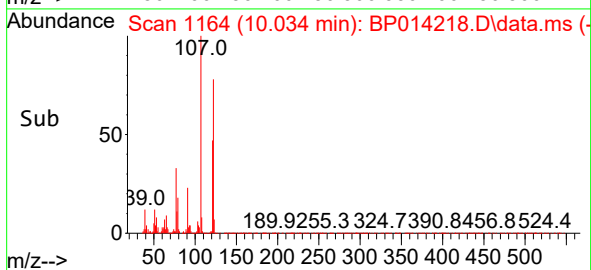
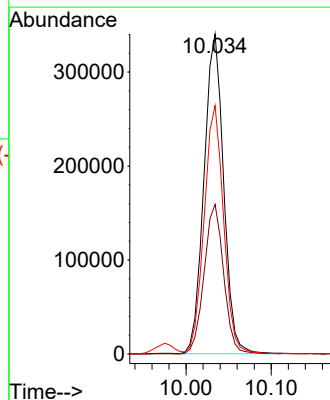
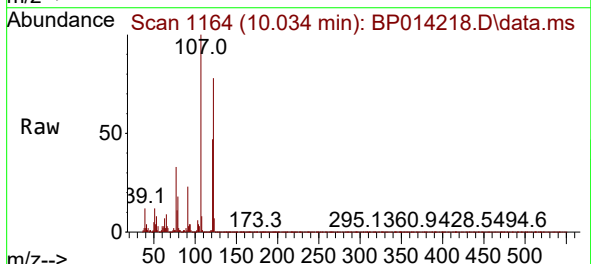
Instrument :
BNA_P
ClientSampleId :

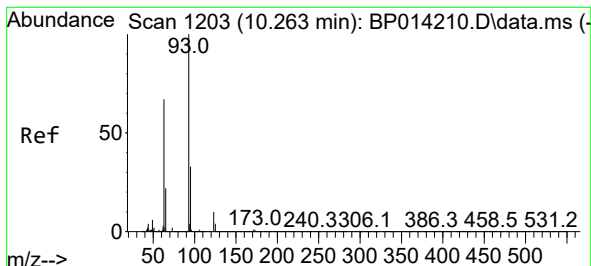
Tgt Ion:139 Resp: 259535
Ion Ratio Lower Upper
139 100
65 59.0 46.6 70.0
109 40.1 34.5 51.7



#26
2,4-Dimethylphenol
Concen: 32.466 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:107 Resp: 544956
Ion Ratio Lower Upper
107 100
121 46.7 37.1 55.7
122 77.6 61.2 91.8





#27

Bis(2-Chloroethoxy)methane

Concen: 34.585 ng/ul

RT: 10.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

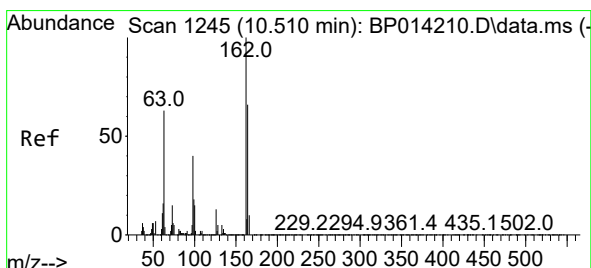
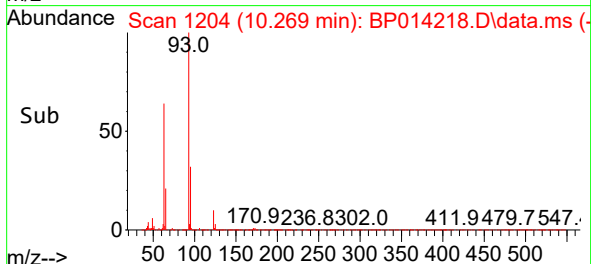
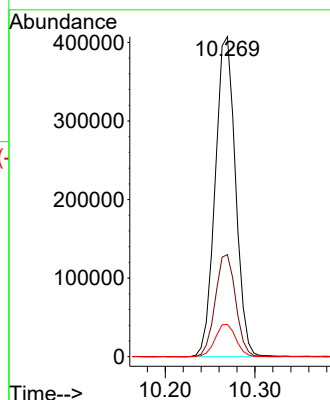
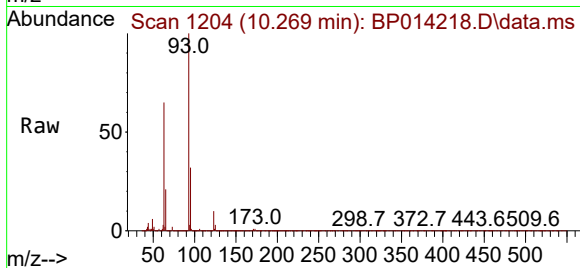
Tgt Ion: 93 Resp: 640581

Ion Ratio Lower Upper

93 100

95 31.9 25.6 38.4

123 10.1 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 32.154 ng/ul

RT: 10.510 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

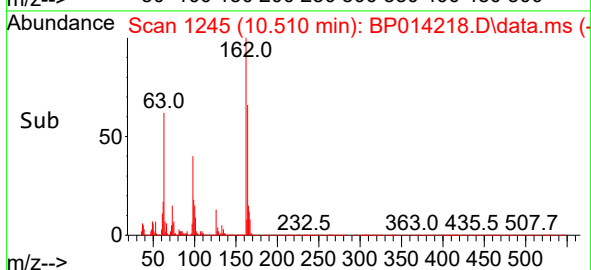
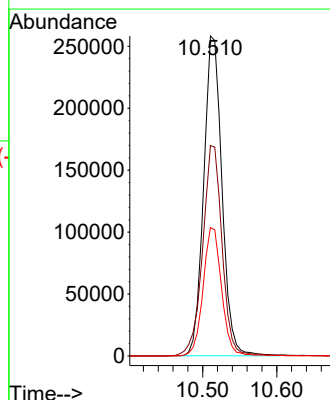
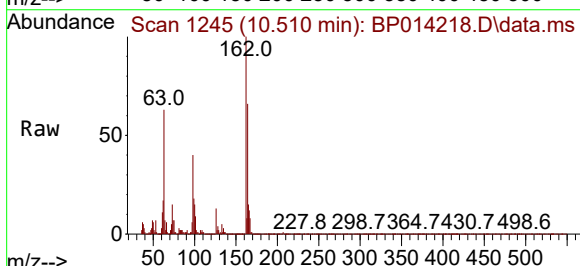
Tgt Ion: 162 Resp: 444058

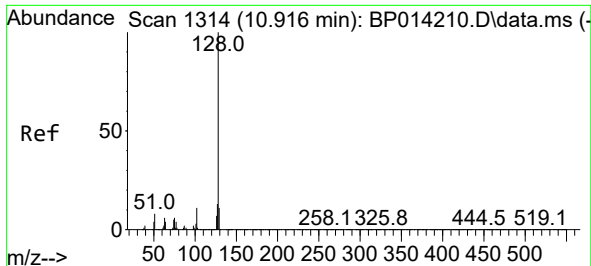
Ion Ratio Lower Upper

162 100

164 65.8 52.0 78.0

98 40.1 29.1 43.7

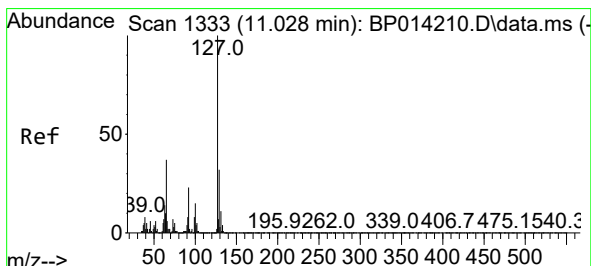
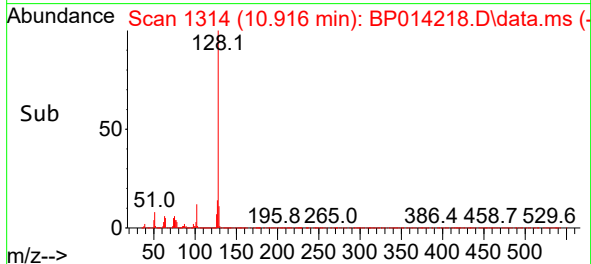
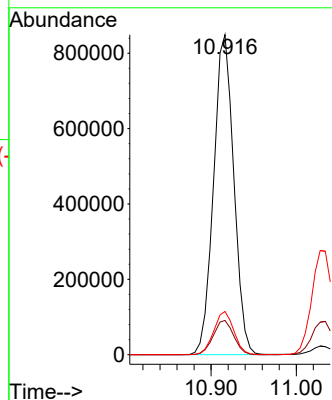
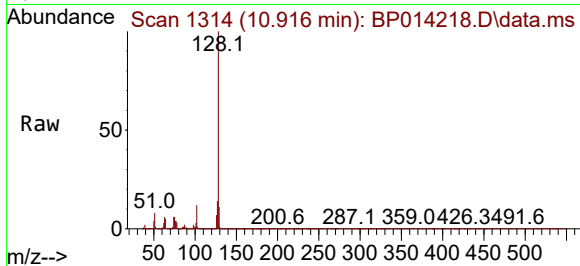




#30
Naphthalene
Concen: 32.773 ng/ul
RT: 10.916 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

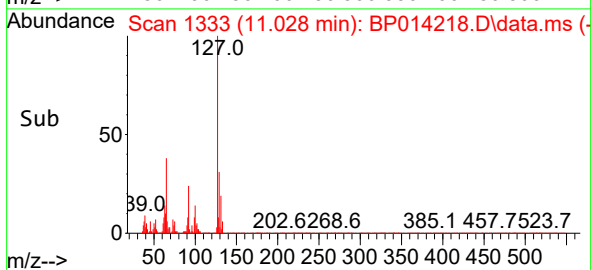
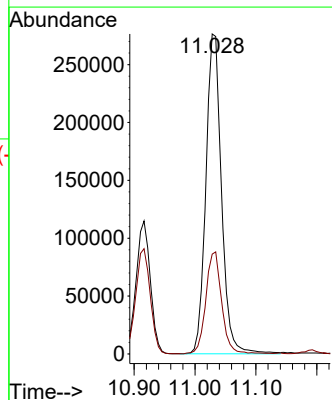
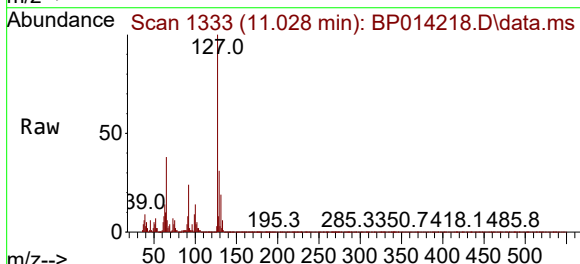
Instrument :
BNA_P
ClientSampleId :

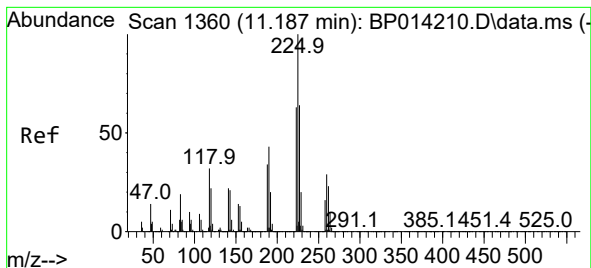
Tgt Ion:128 Resp: 1402030
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.5 11.0 16.4



#32
4-Chloroaniline
Concen: 26.437 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:127 Resp: 492903
Ion Ratio Lower Upper
127 100
129 31.2 24.9 37.3





#33

Hexachlorobutadiene

Concen: 29.974 ng/ul

RT: 11.193 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

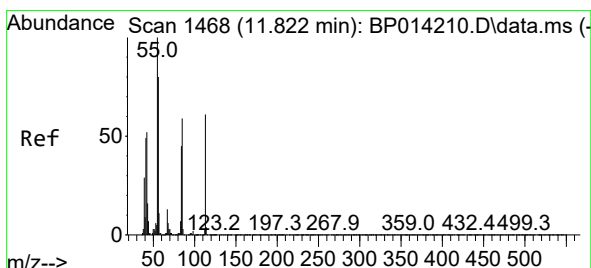
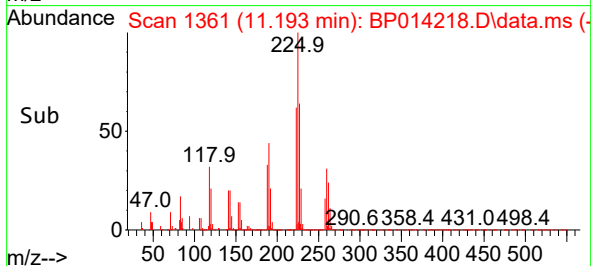
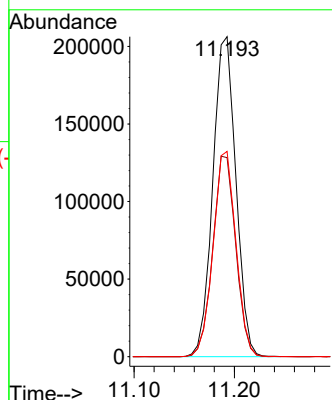
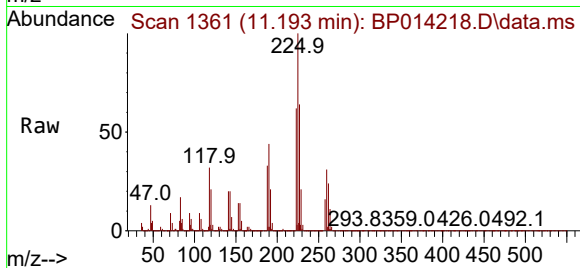
Tgt Ion:225 Resp: 329404

Ion Ratio Lower Upper

225 100

223 62.2 48.0 72.0

227 64.1 50.3 75.5



#34

Caprolactam

Concen: 22.321 ng/ul

RT: 11.834 min Scan# 1470

Delta R.T. 0.012 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

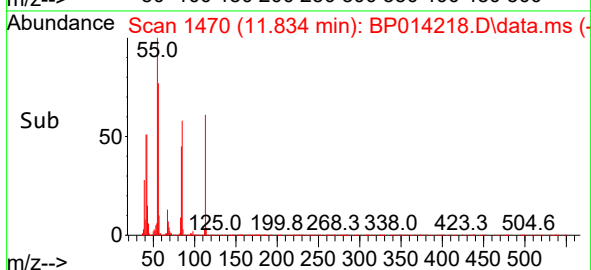
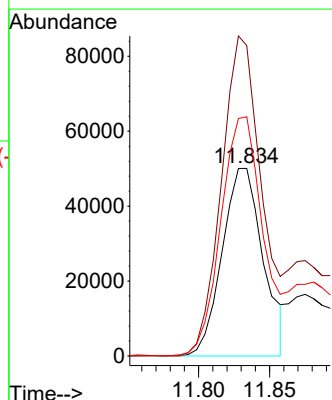
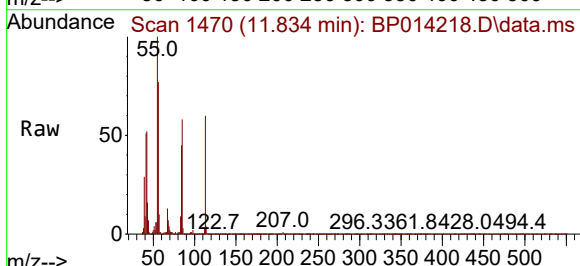
Tgt Ion:113 Resp: 100091

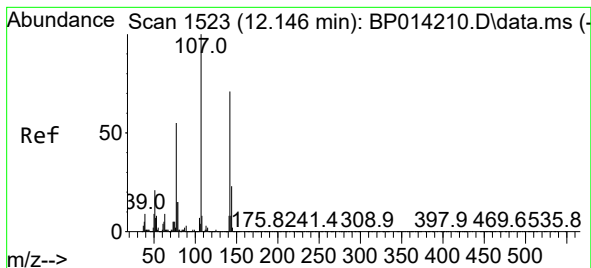
Ion Ratio Lower Upper

113 100

55 165.5 124.0 186.0

56 127.5 102.0 153.0

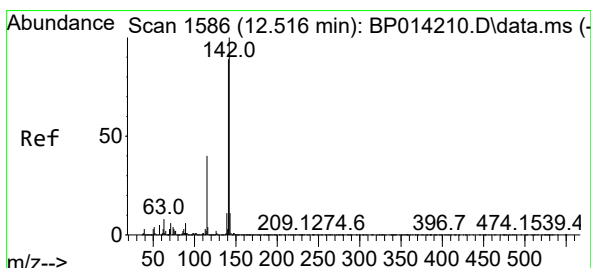
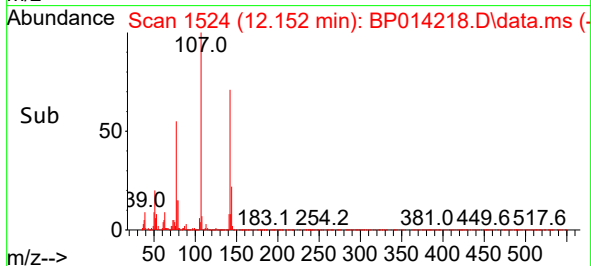
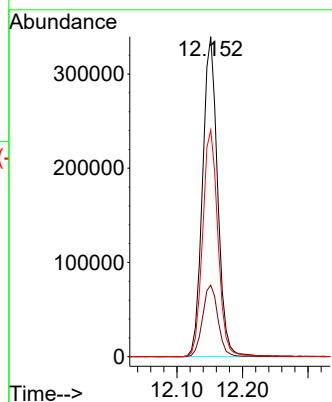
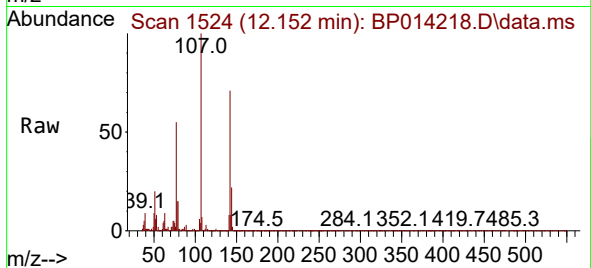




#35
4-Chloro-3-methylphenol
Concen: 34.054 ng/ul
RT: 12.152 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

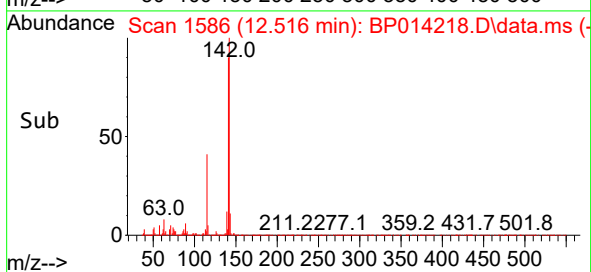
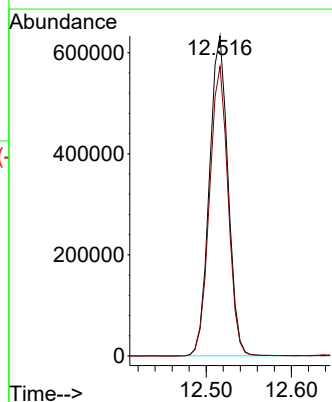
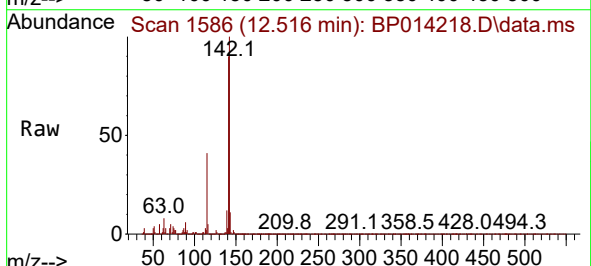
Instrument :
BNA_P
ClientSampleId :

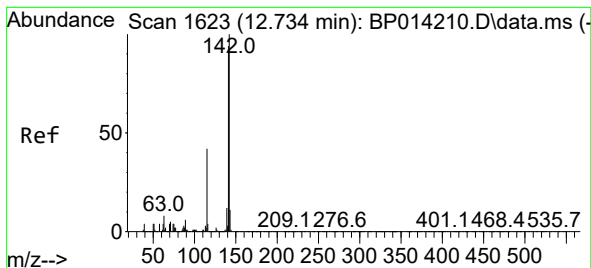
Tgt Ion:107 Resp: 543836
Ion Ratio Lower Upper
107 100
144 22.3 19.4 29.0
142 70.9 59.6 89.4



#36
2-Methylnaphthalene
Concen: 32.051 ng/ul
RT: 12.516 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:142 Resp: 961699
Ion Ratio Lower Upper
142 100
141 90.4 71.7 107.5





#37

1-Methylnaphthalene

Concen: 32.970 ng/ul

RT: 12.734 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

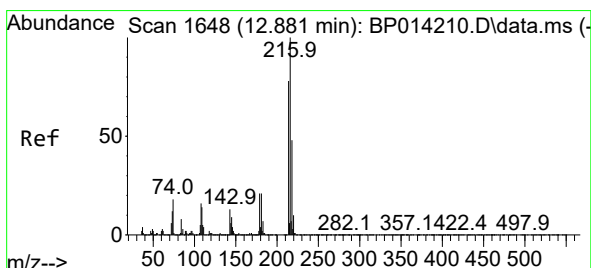
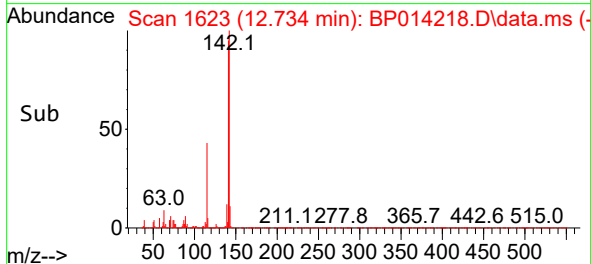
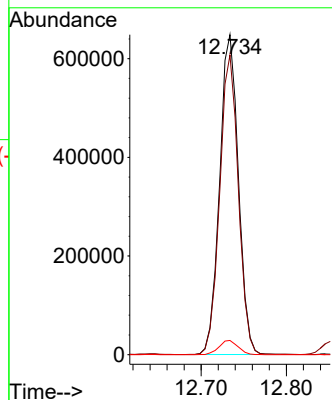
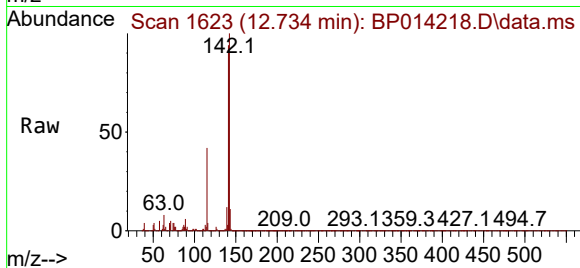
Tgt Ion:142 Resp: 994324

Ion Ratio Lower Upper

142 100

141 93.7 73.8 110.6

116 4.4 3.7 5.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.164 ng/ul

RT: 12.881 min Scan# 1648

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Tgt Ion:216 Resp: 605695

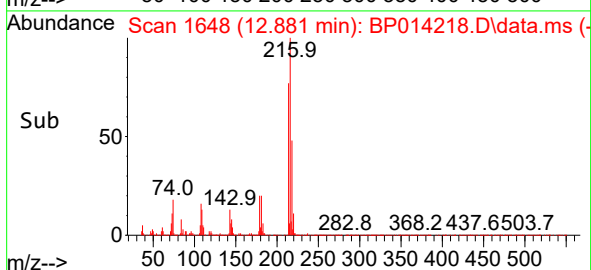
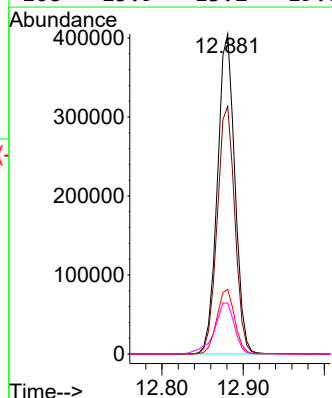
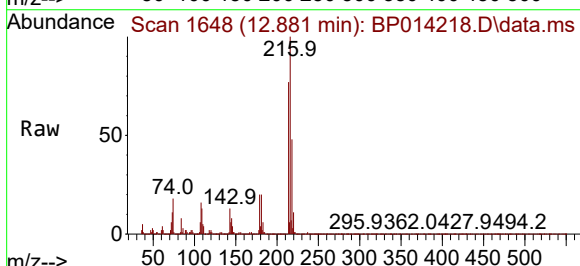
Ion Ratio Lower Upper

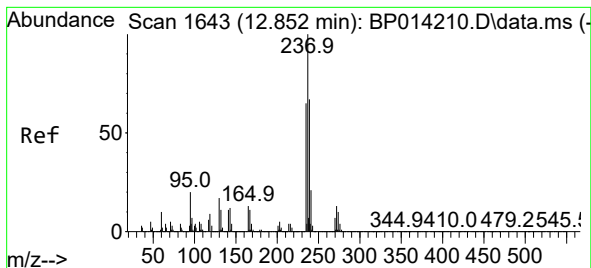
216 100

214 77.4 61.7 92.5

179 20.2 16.2 24.4

108 15.9 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 25.265 ng/ul

RT: 12.851 min Scan# 1643

Delta R.T. -0.006 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

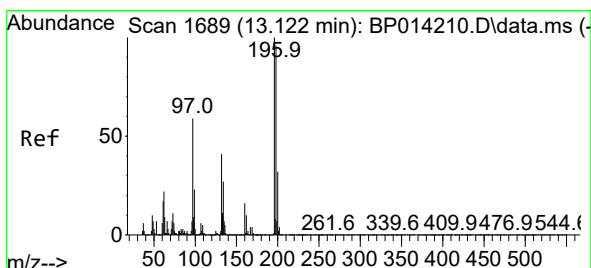
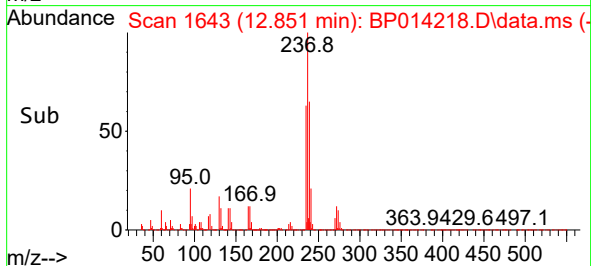
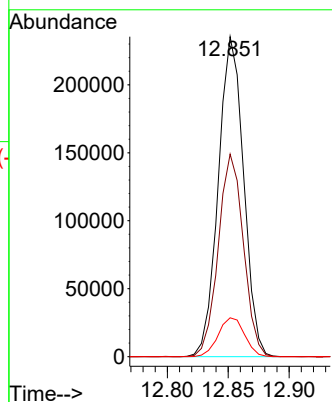
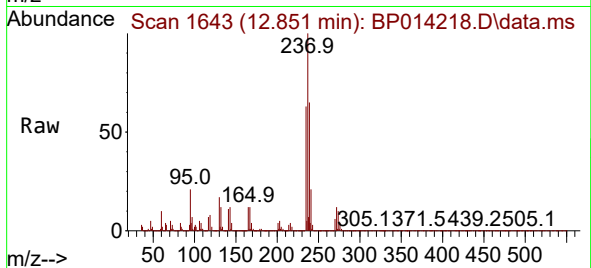
Tgt Ion:237 Resp: 340698

Ion Ratio Lower Upper

237 100

235 63.3 49.0 73.6

272 12.1 9.6 14.4



#41

2,4,6-Trichlorophenol

Concen: 33.477 ng/ul

RT: 13.122 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

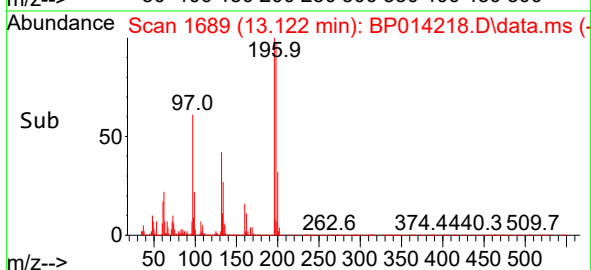
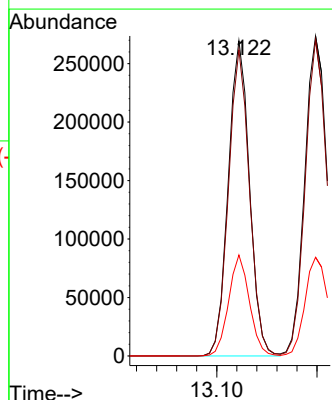
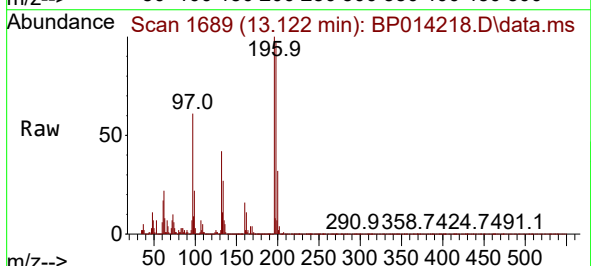
Tgt Ion:196 Resp: 396021

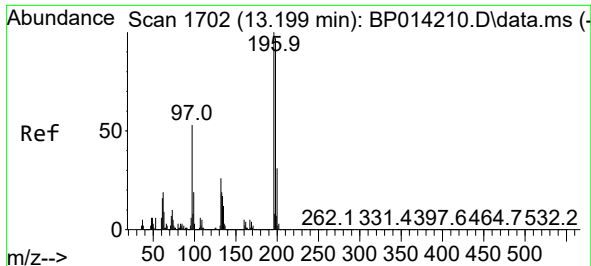
Ion Ratio Lower Upper

196 100

198 97.1 78.5 117.7

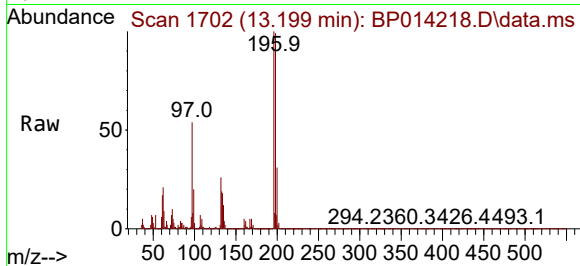
200 32.0 25.4 38.0



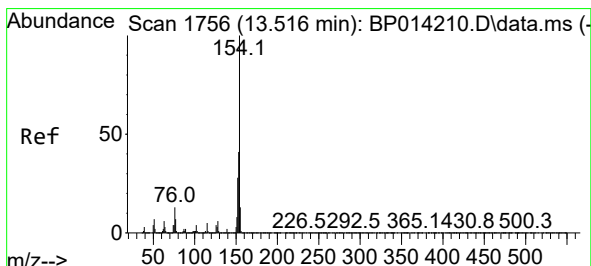
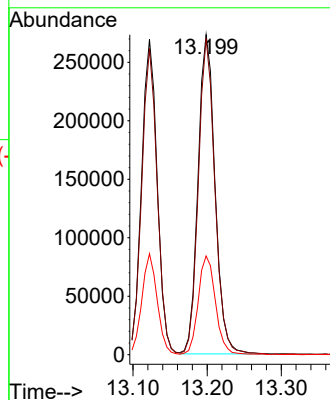
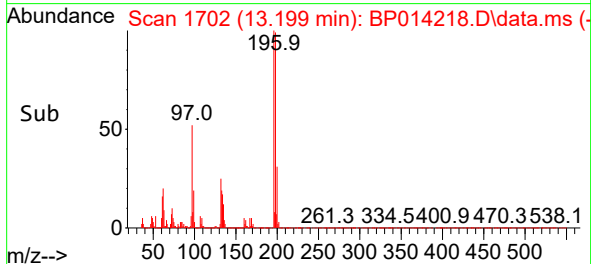


#42
2,4,5-Trichlorophenol
Concen: 33.483 ng/ul
RT: 13.199 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Instrument :
BNA_P
ClientSampleId :

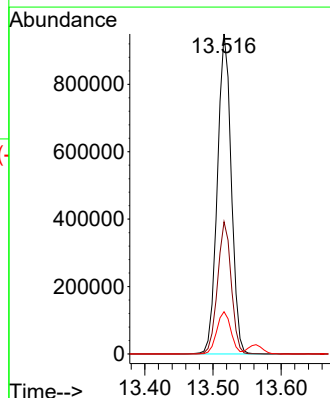
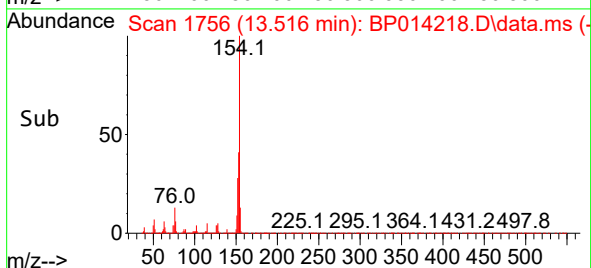
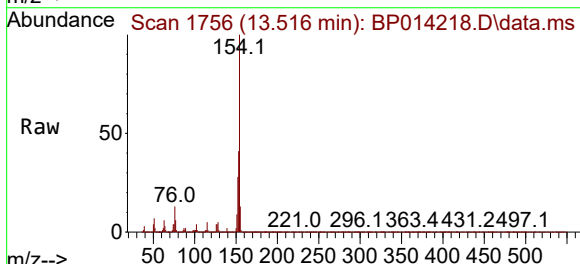


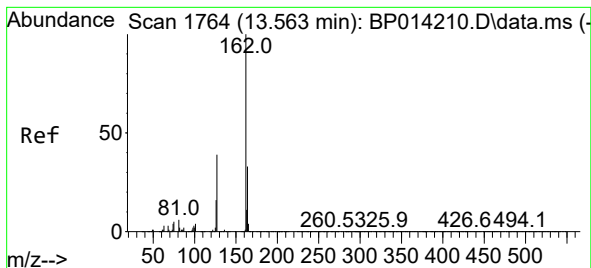
Tgt Ion:196 Resp: 434692
Ion Ratio Lower Upper
196 100
198 98.8 77.6 116.4
200 30.8 25.3 37.9



#43
1,1'-Biphenyl
Concen: 33.563 ng/ul
RT: 13.516 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:154 Resp: 1345612
Ion Ratio Lower Upper
154 100
153 41.3 32.6 49.0
76 13.2 9.4 14.0

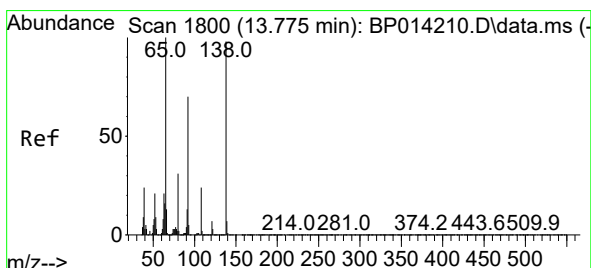
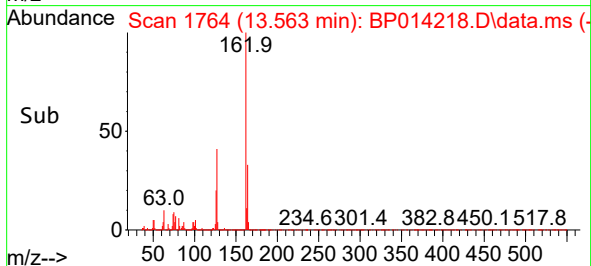
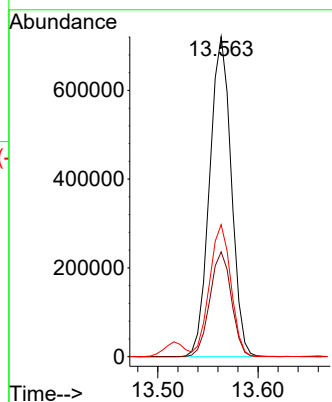
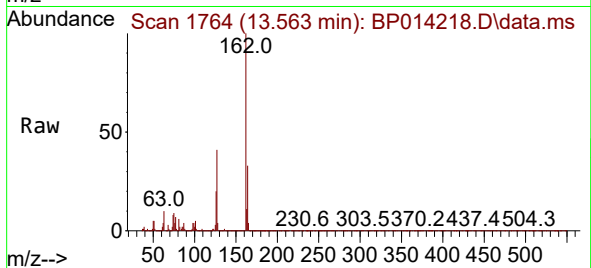




#44
2-Chloronaphthalene
Concen: 34.022 ng/ul
RT: 13.563 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

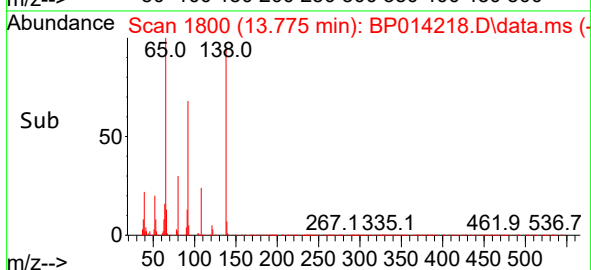
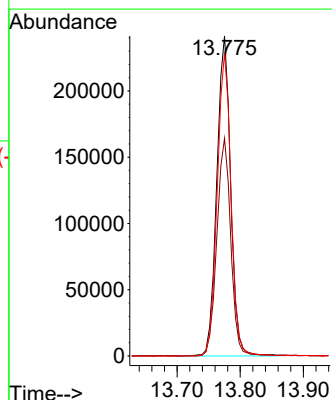
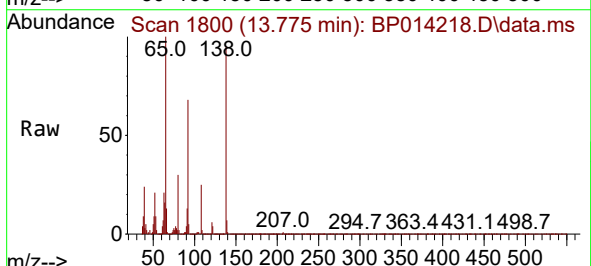
Instrument :
BNA_P
ClientSampleId :

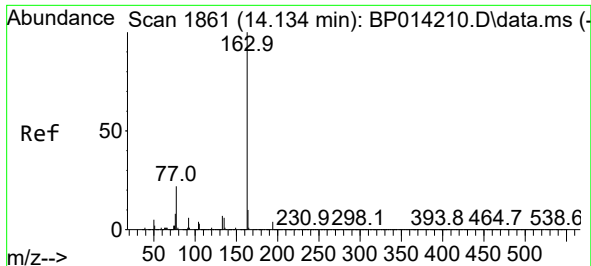
Tgt Ion:162 Resp: 1083326
Ion Ratio Lower Upper
162 100
164 32.7 26.0 39.0
127 41.2 31.3 46.9



#45
2-Nitroaniline
Concen: 39.019 ng/ul
RT: 13.775 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

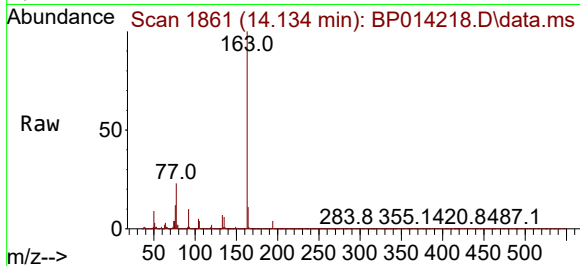
Tgt Ion: 65 Resp: 367464
Ion Ratio Lower Upper
65 100
92 68.0 56.3 84.5
138 94.7 81.4 122.2



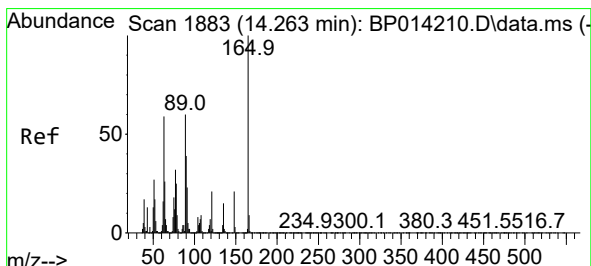
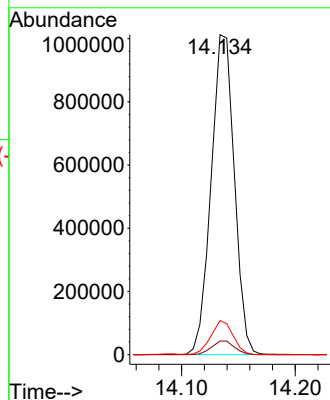
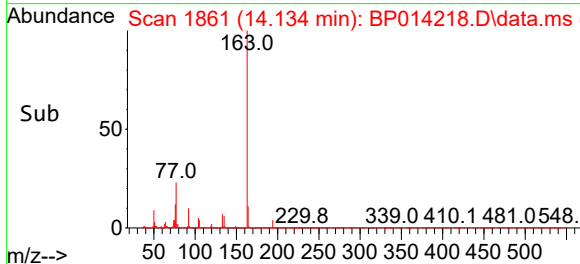


#47
Dimethylphthalate
Concen: 32.885 ng/ul
RT: 14.134 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Instrument :
BNA_P
ClientSampleId :

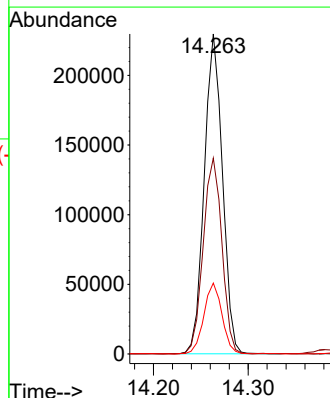
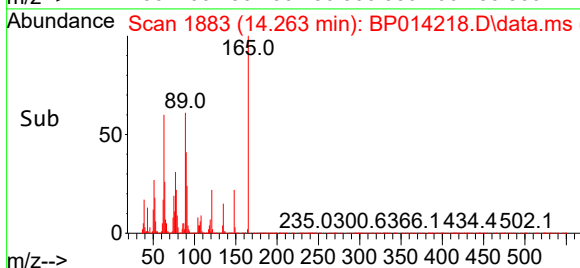
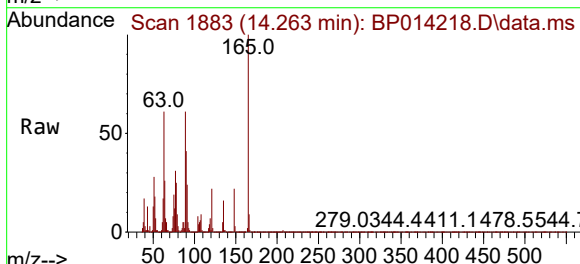


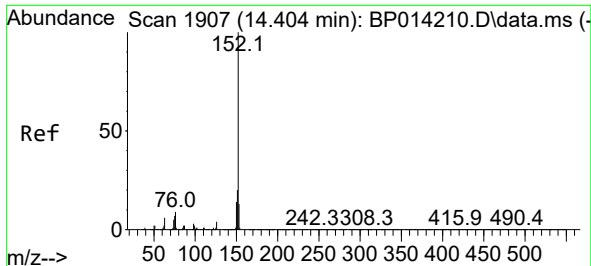
Tgt Ion:163 Resp: 1438565
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.6 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 35.307 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

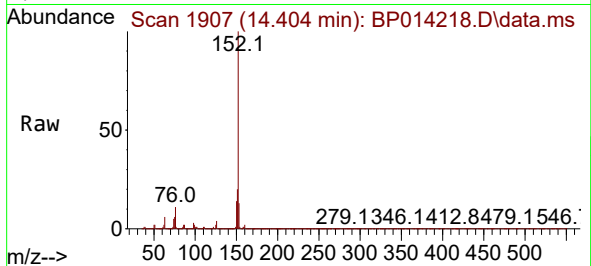
Tgt Ion:165 Resp: 305354
Ion Ratio Lower Upper
165 100
89 61.2 51.7 77.5
121 22.2 17.5 26.3



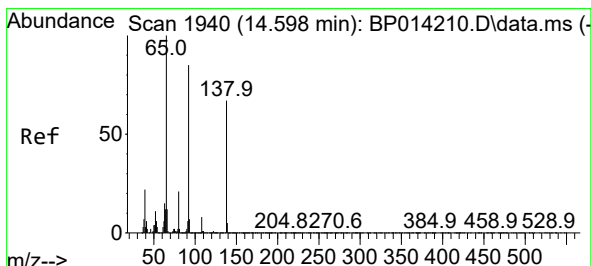
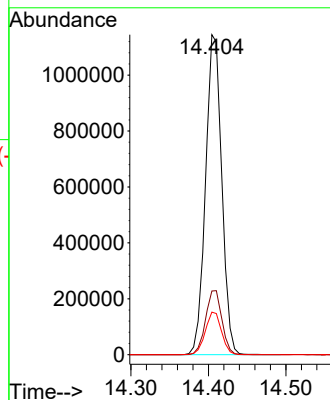
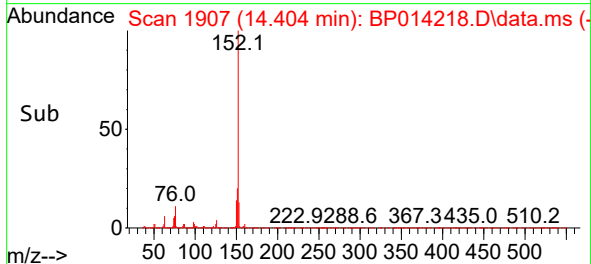


#50
Acenaphthylene
Concen: 33.831 ng/ul
RT: 14.404 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Instrument :
BNA_P
ClientSampleId :

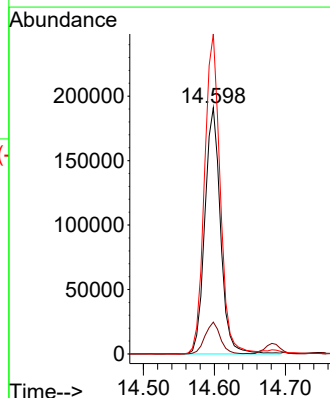
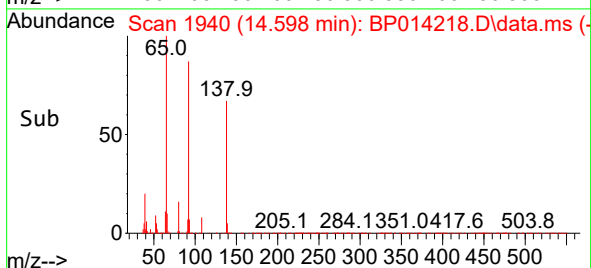
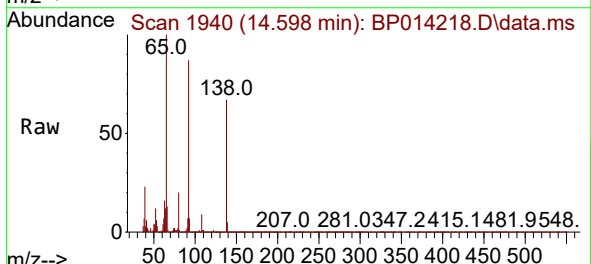


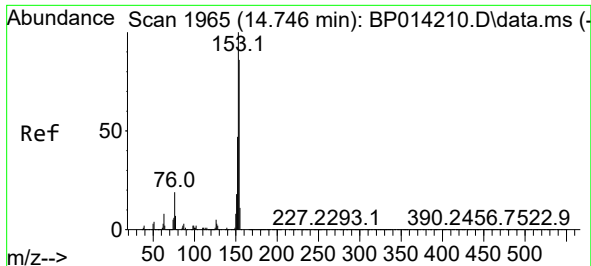
Tgt Ion:152 Resp: 1662222
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.3 10.4 15.6



#51
3-Nitroaniline
Concen: 38.275 ng/ul
RT: 14.598 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:138 Resp: 293098
Ion Ratio Lower Upper
138 100
108 12.9 10.5 15.7
92 129.9 98.5 147.7

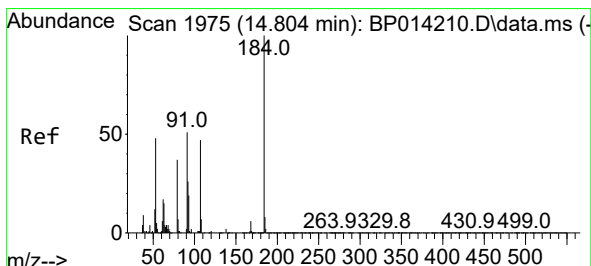
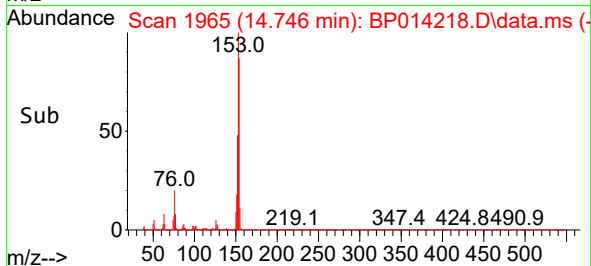
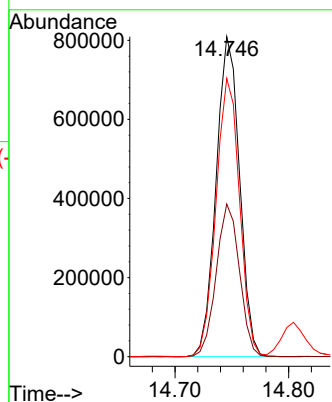
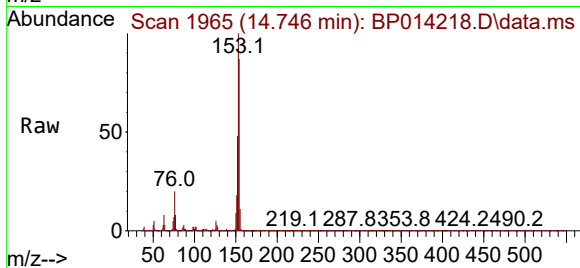




#52
Acenaphthene
Concen: 33.798 ng/ul
RT: 14.746 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

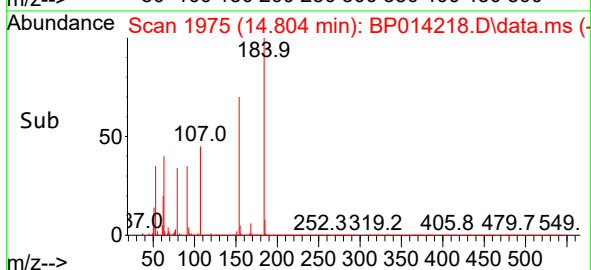
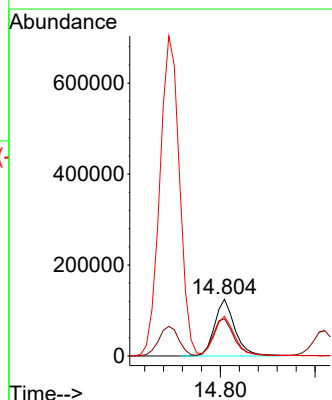
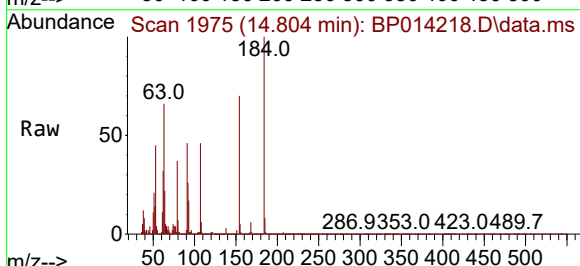
Instrument :
BNA_P
ClientSampleId :

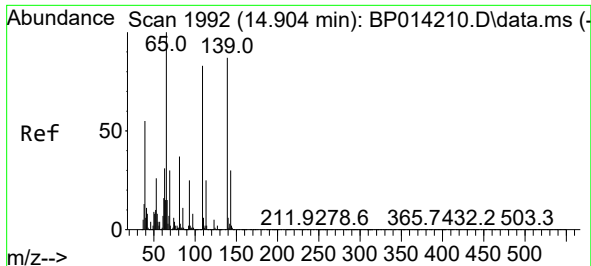
Tgt Ion:153 Resp: 1160890
Ion Ratio Lower Upper
153 100
152 47.7 37.7 56.5
154 87.0 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 28.569 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:184 Resp: 184517
Ion Ratio Lower Upper
184 100
63 65.5 51.9 77.9
154 69.8 58.8 88.2

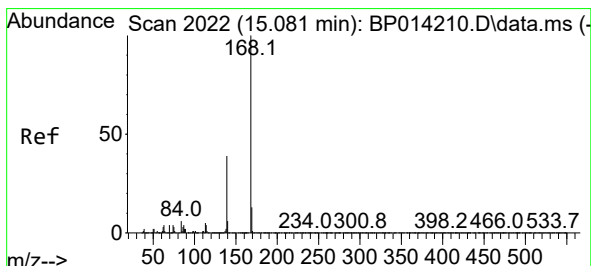
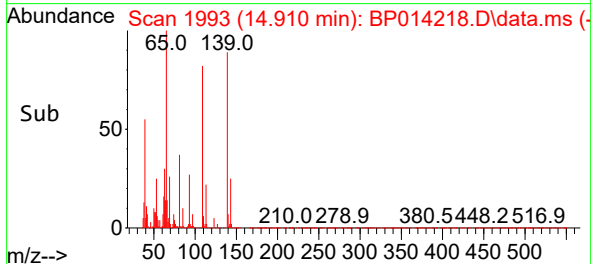
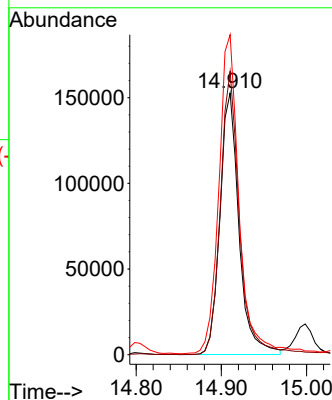
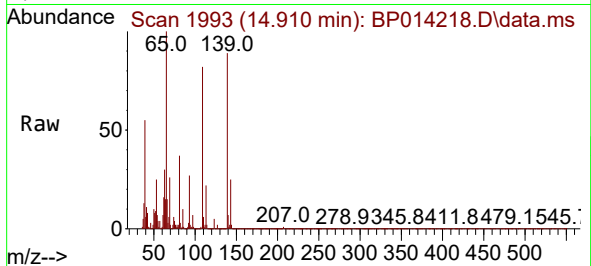




#55
4-Nitrophenol
Concen: 28.122 ng/ul
RT: 14.910 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

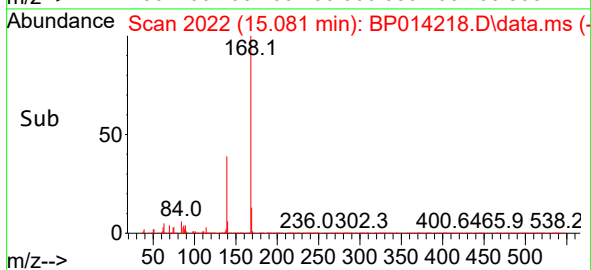
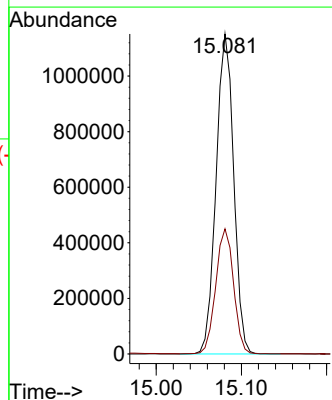
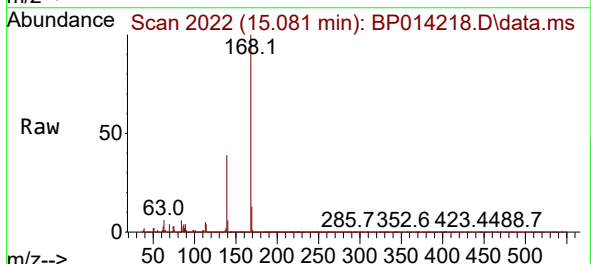
Instrument :
BNA_P
ClientSampleId :

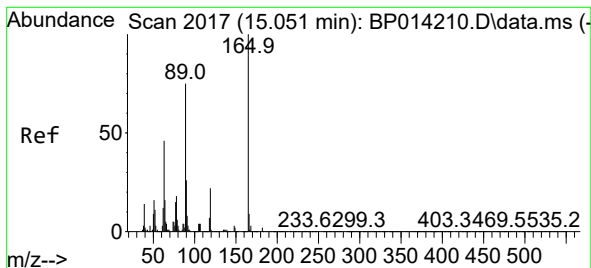
Tgt Ion:109 Resp: 236577
Ion Ratio Lower Upper
109 100
139 108.3 74.5 111.7
65 122.2 86.6 130.0



#56
Dibenzofuran
Concen: 33.164 ng/ul
RT: 15.081 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:168 Resp: 1657153
Ion Ratio Lower Upper
168 100
139 39.1 31.8 47.6





#57

2,4-Dinitrotoluene

Concen: 34.852 ng/ul

RT: 15.051 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

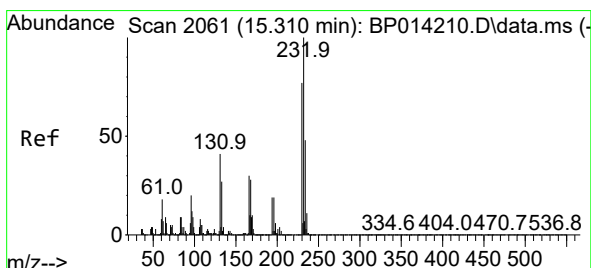
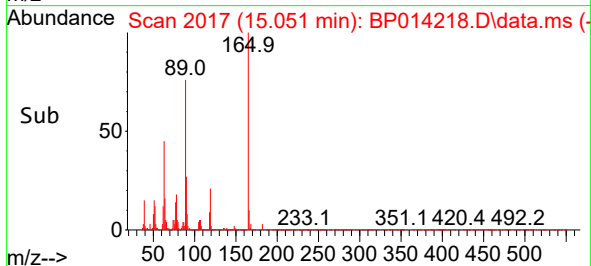
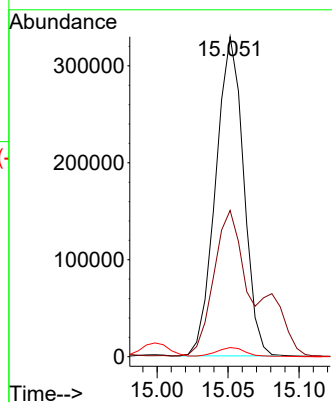
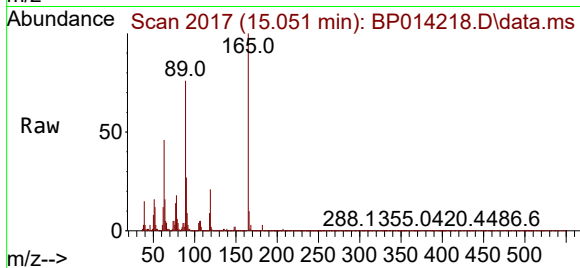
Tgt Ion:165 Resp: 450345

Ion Ratio Lower Upper

165 100

63 45.7 34.6 52.0

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.818 ng/ul

RT: 15.310 min Scan# 2061

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Tgt Ion:232 Resp: 395183

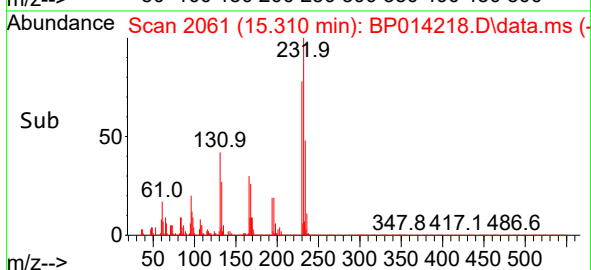
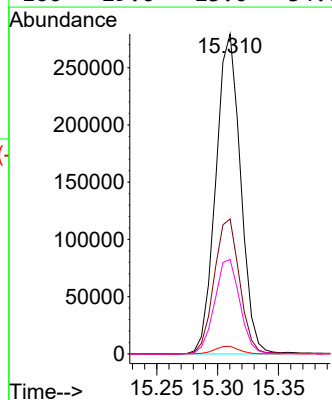
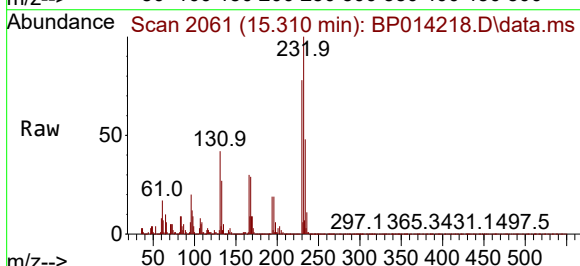
Ion Ratio Lower Upper

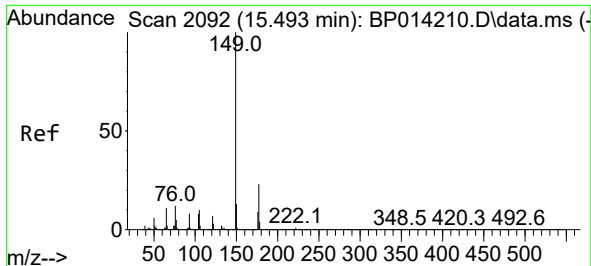
232 100

131 42.2 34.1 51.1

130 2.4 2.1 3.1

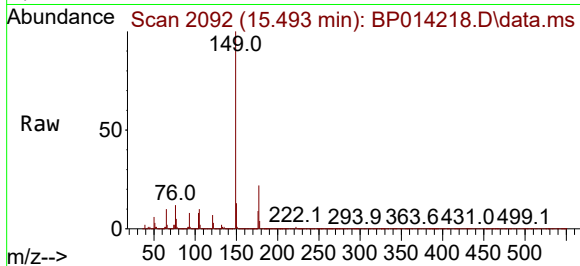
166 29.6 23.0 34.6



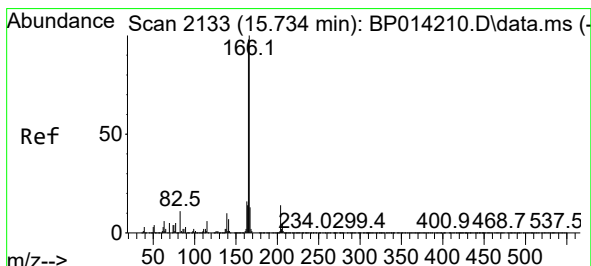
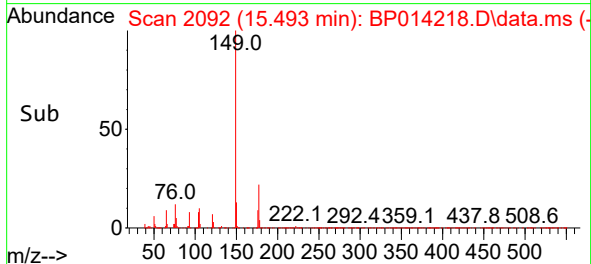
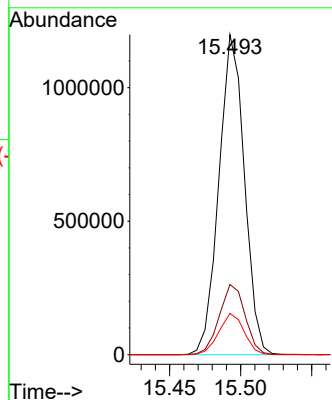


#59
Diethylphthalate
Concen: 33.696 ng/ul
RT: 15.493 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Instrument :
BNA_P
ClientSampleId :

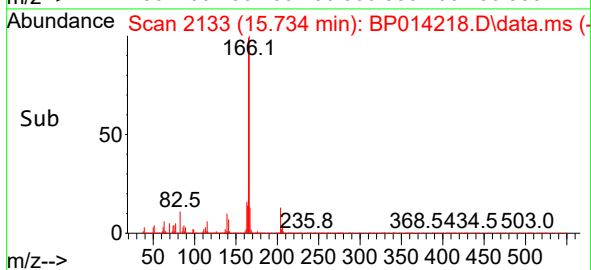
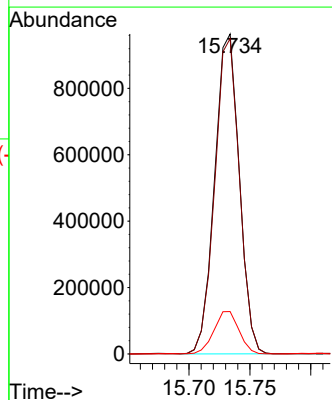
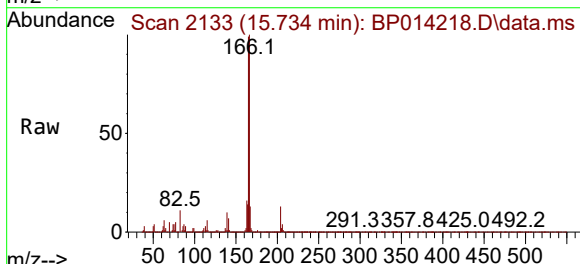


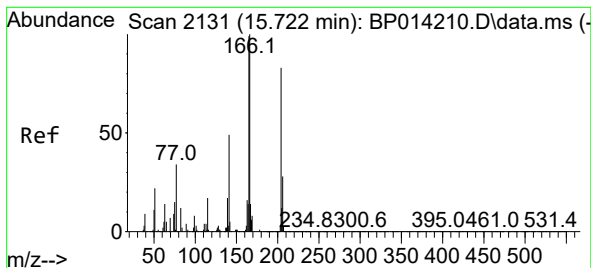
Tgt Ion:149 Resp: 1495065
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.2
150 12.9 10.0 15.0



#61
Fluorene
Concen: 32.734 ng/ul
RT: 15.734 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:166 Resp: 1355838
Ion Ratio Lower Upper
166 100
165 98.6 78.9 118.3
167 13.3 11.0 16.6

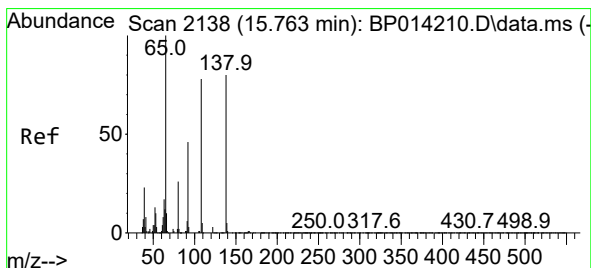
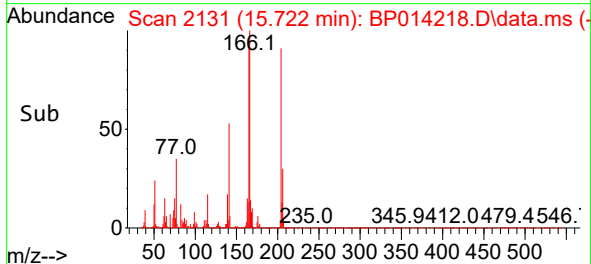
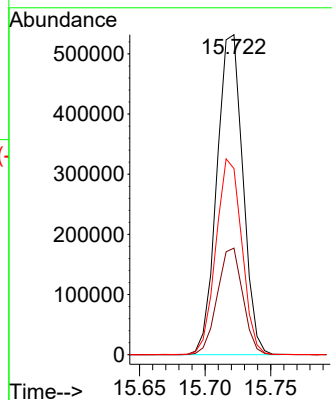
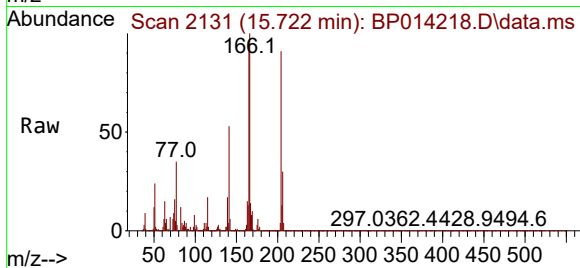




#62
4-Chlorophenyl-phenylether
Concen: 32.093 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

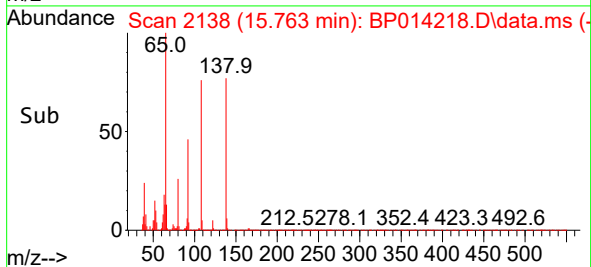
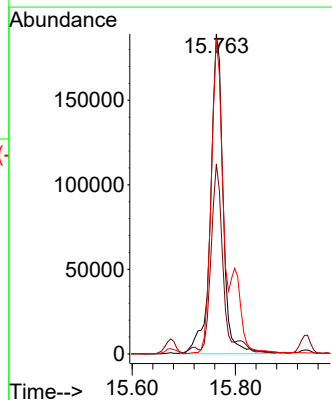
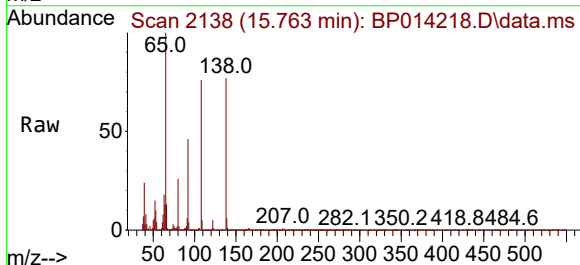
Instrument :
BNA_P
ClientSampleId :

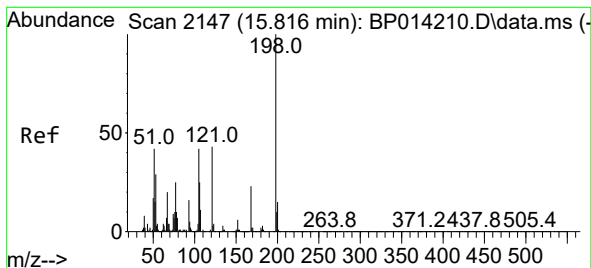
Tgt Ion:204 Resp: 733702
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 58.2 49.2 73.8



#63
4-Nitroaniline
Concen: 40.649 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:138 Resp: 319961
Ion Ratio Lower Upper
138 100
92 59.4 44.5 66.7
108 98.5 87.2 130.8

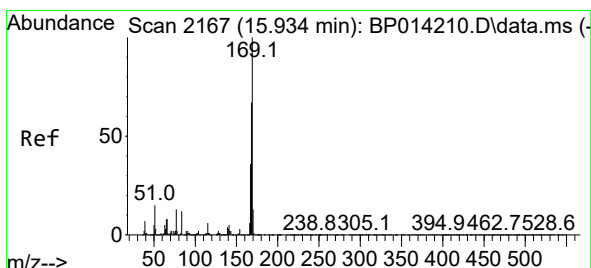
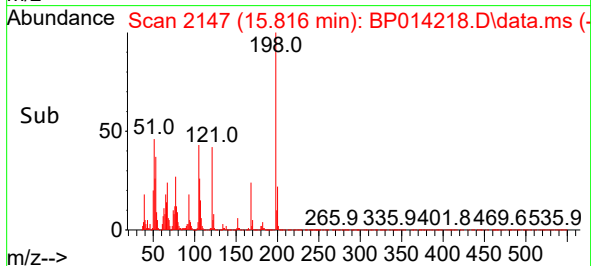
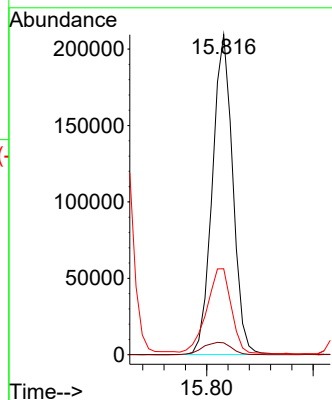
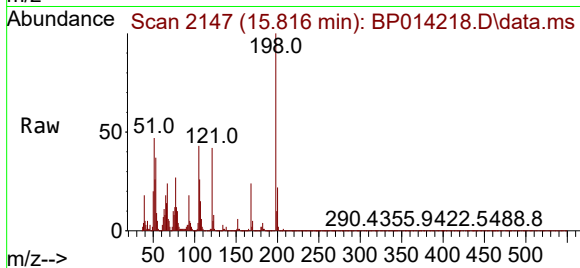




#66
4,6-Dinitro-2-methylphenol
Concen: 32.121 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

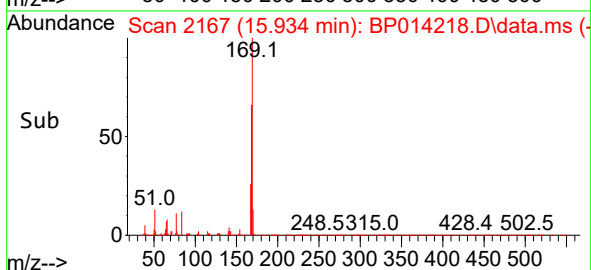
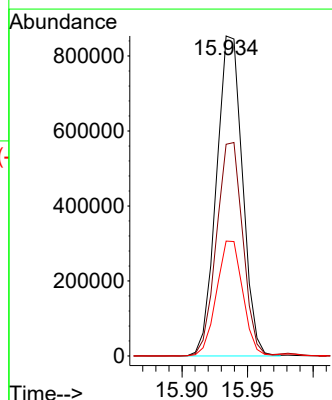
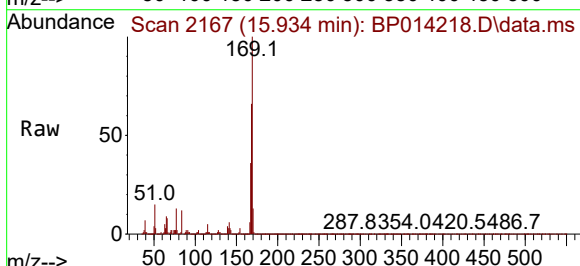
Instrument :
BNA_P
ClientSampleId :

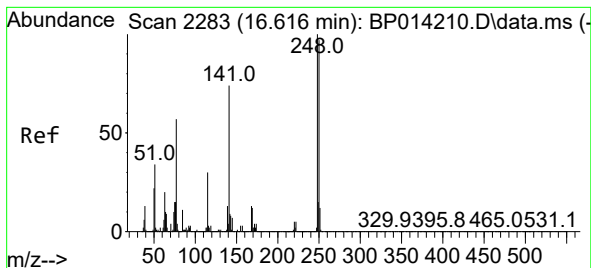
Tgt Ion:198 Resp: 277881
Ion Ratio Lower Upper
198 100
182 3.7 3.0 4.6
77 26.8 20.3 30.5



#67
N-Nitrosodiphenylamine
Concen: 34.760 ng/ul
RT: 15.934 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:169 Resp: 1177832
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 35.9 28.6 43.0

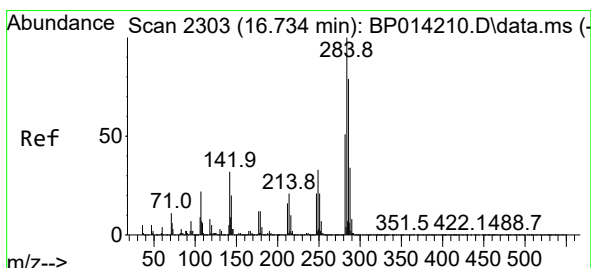
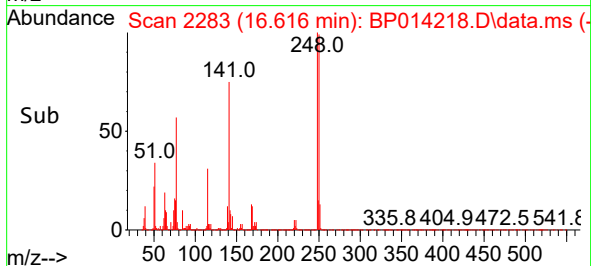
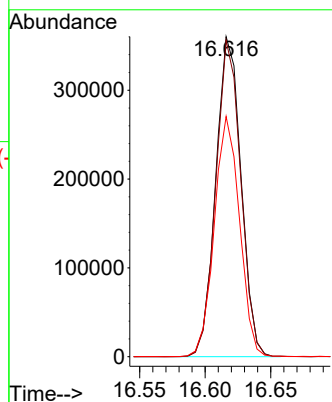
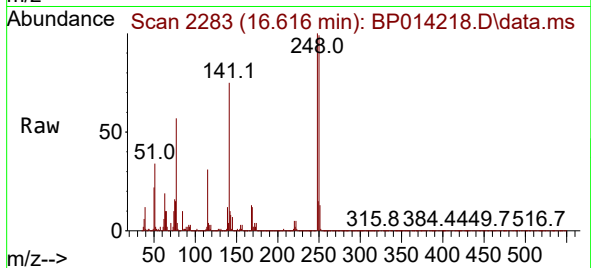




#68
4-Bromophenyl-phenylether
Concen: 33.293 ng/ul
RT: 16.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

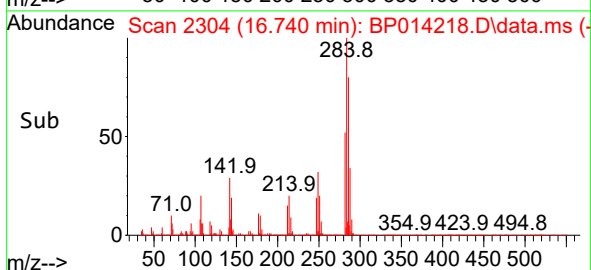
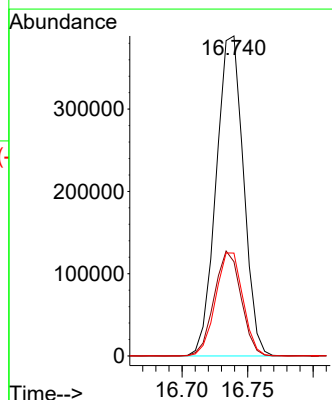
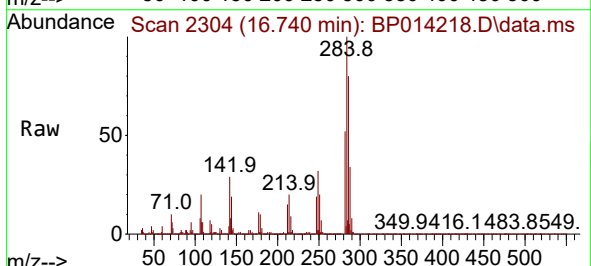
Instrument :
BNA_P
ClientSampleId :

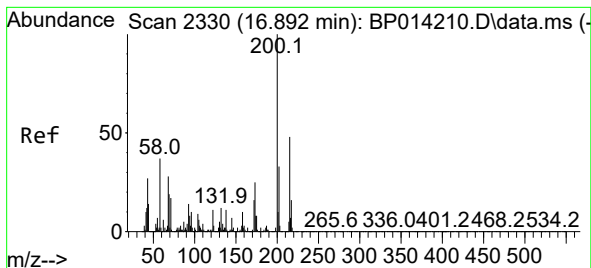
Tgt Ion:248 Resp: 482880
Ion Ratio Lower Upper
248 100
250 98.9 78.8 118.2
141 75.1 60.8 91.2



#69
Hexachlorobenzene
Concen: 32.929 ng/ul
RT: 16.740 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:284 Resp: 562799
Ion Ratio Lower Upper
284 100
142 29.5 23.2 34.8
249 32.1 25.7 38.5





#70

Atrazine

Concen: 25.493 ng/ul

RT: 16.892 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

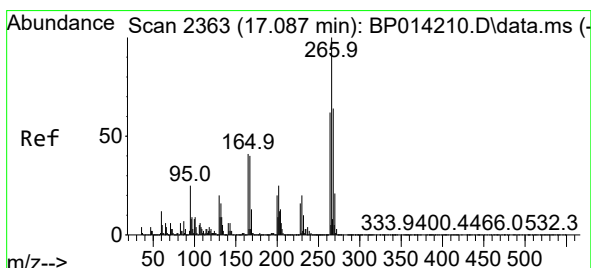
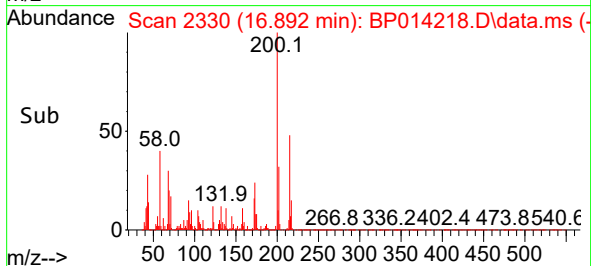
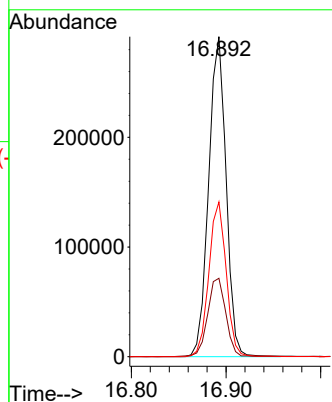
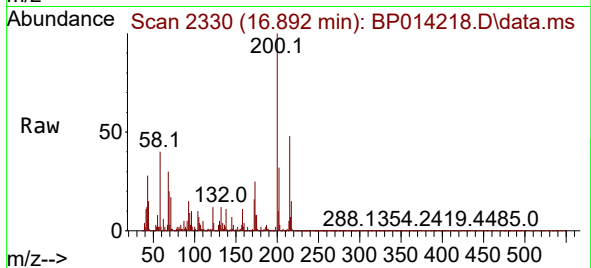
Tgt Ion:200 Resp: 372565

Ion Ratio Lower Upper

200 100

173 24.5 19.0 28.4

215 48.4 38.5 57.7



#71

Pentachlorophenol

Concen: 29.966 ng/ul

RT: 17.087 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

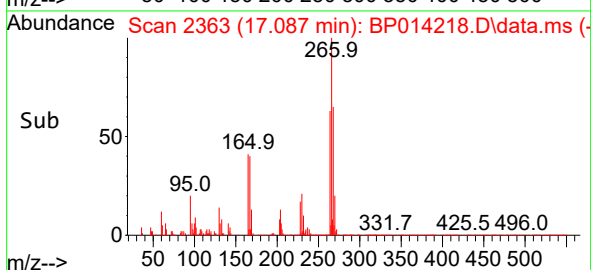
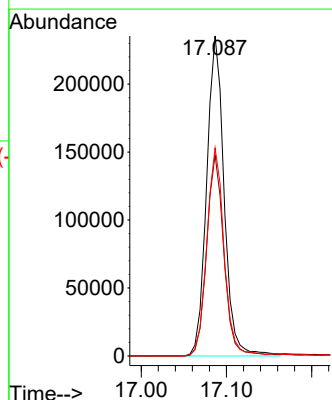
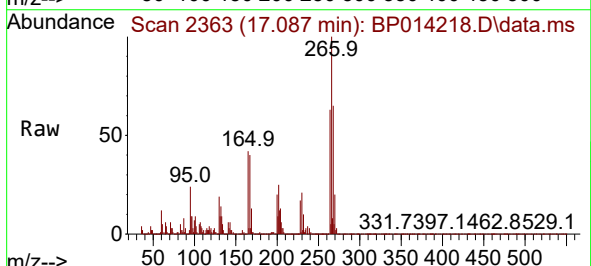
Tgt Ion:266 Resp: 334786

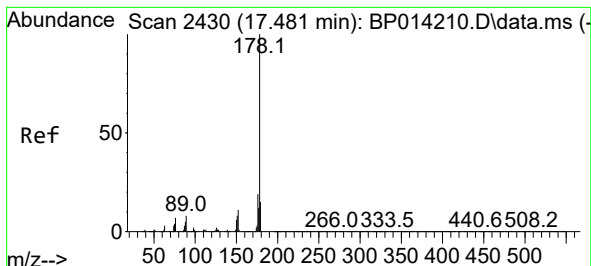
Ion Ratio Lower Upper

266 100

264 62.8 48.4 72.6

268 65.0 50.4 75.6





#72

Phenanthrene

Concen: 34.191 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

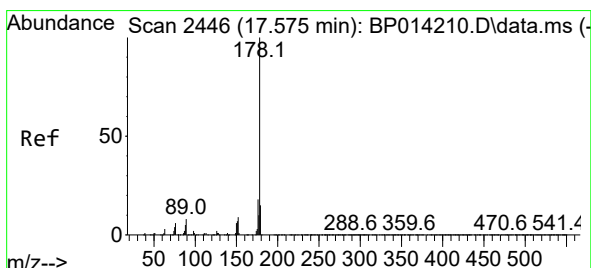
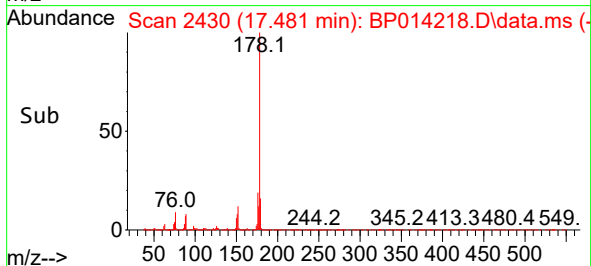
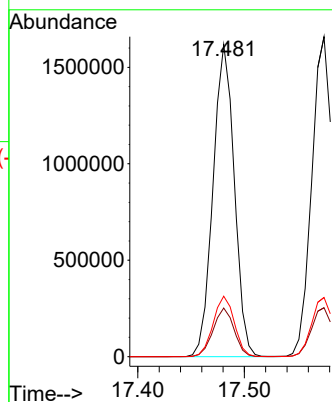
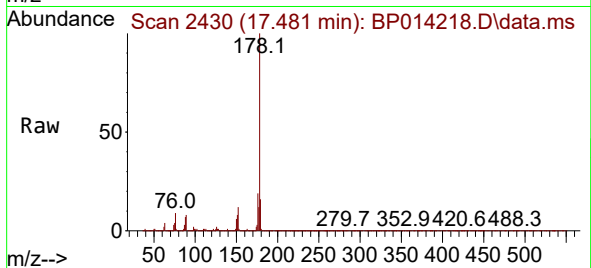
Tgt Ion:178 Resp: 2237368

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.4 15.4 23.0



#74

Anthracene

Concen: 34.452 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

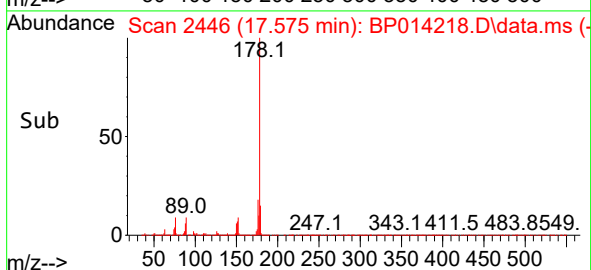
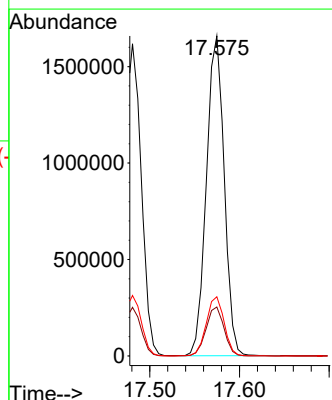
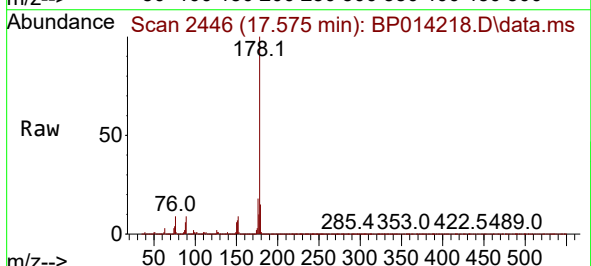
Tgt Ion:178 Resp: 2285877

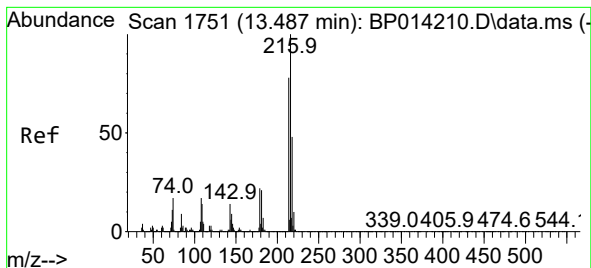
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.5 15.1 22.7

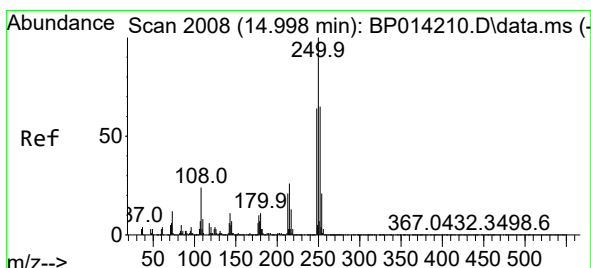
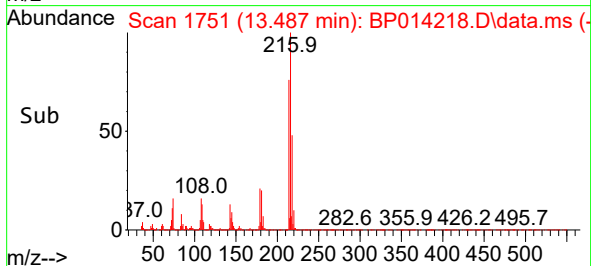
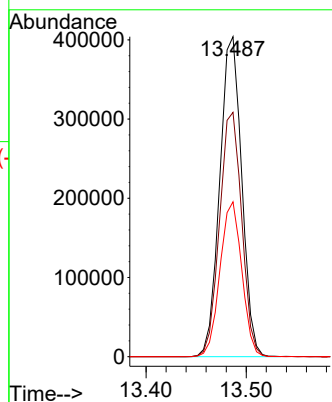
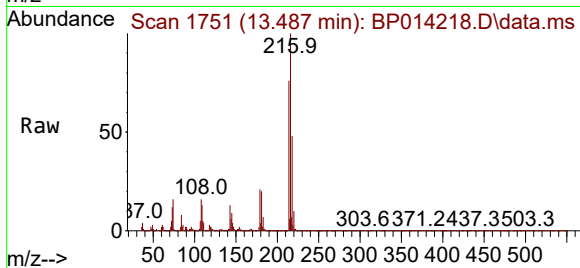




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.353 ng/uL
RT: 13.487 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

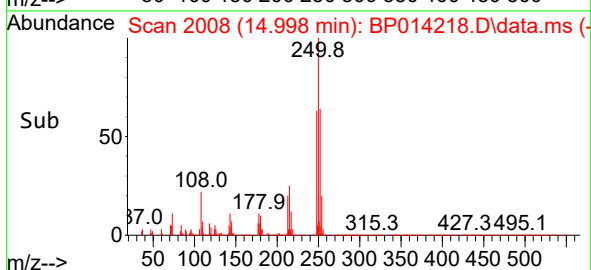
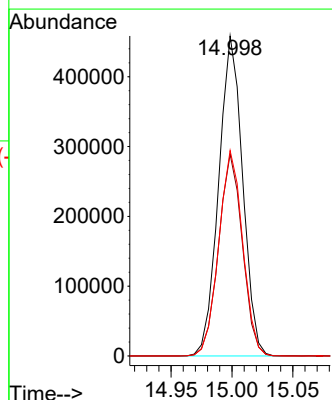
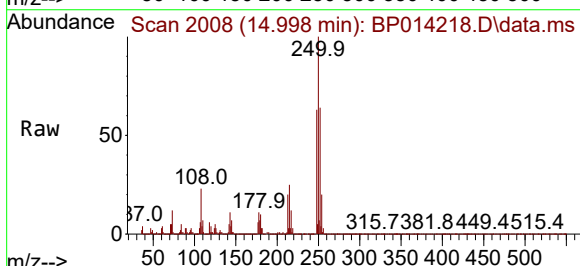
Instrument :
BNA_P
ClientSampleId :

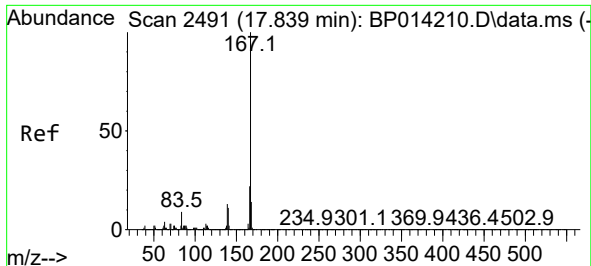
Tgt Ion:216 Resp: 614125
Ion Ratio Lower Upper
216 100
214 76.3 61.4 92.2
218 48.4 39.1 58.7



#76
Pentachlorobenzene
Concen: 32.805 ng/uL
RT: 14.998 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:250 Resp: 627452
Ion Ratio Lower Upper
250 100
248 63.0 51.0 76.4
252 64.2 50.8 76.2

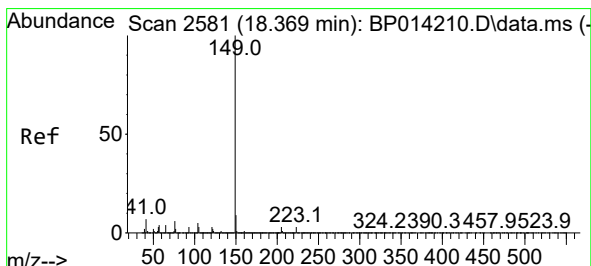
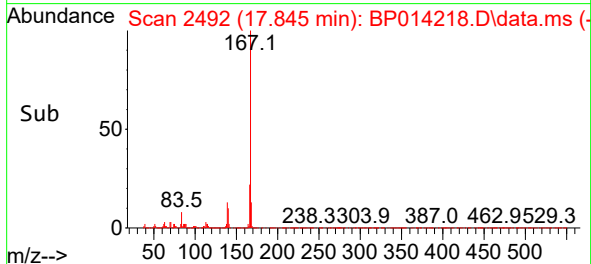
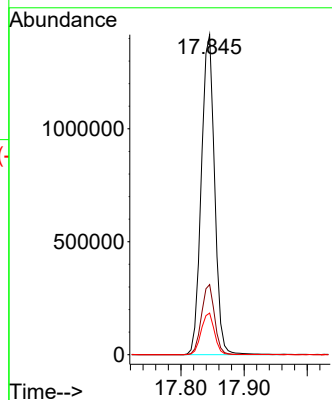
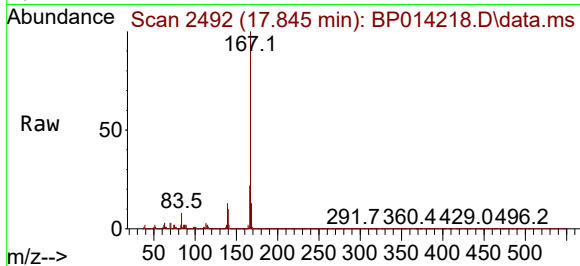




#77
Carbazole
Concen: 35.298 ng/ul
RT: 17.845 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

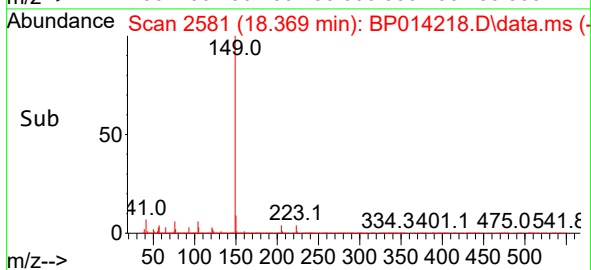
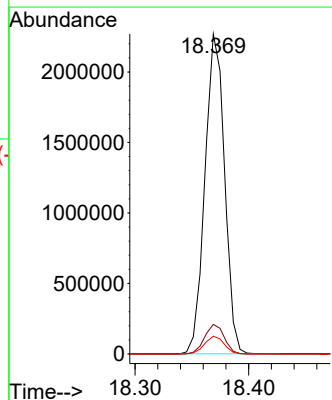
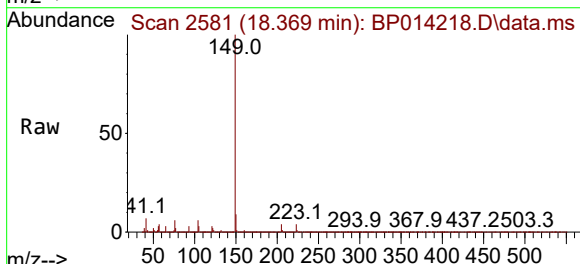
Instrument :
BNA_P
ClientSampleId :

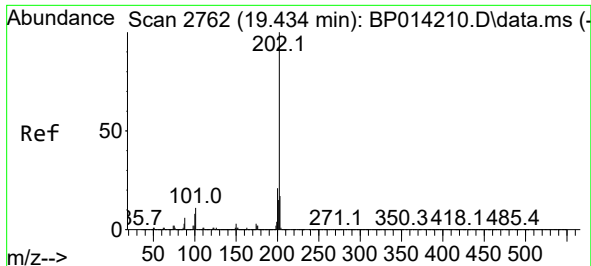
Tgt Ion:167 Resp: 2065816
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.0 10.5 15.7



#78
Di-n-butylphthalate
Concen: 37.216 ng/ul
RT: 18.369 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:149 Resp: 2722101
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.6 4.6 6.8

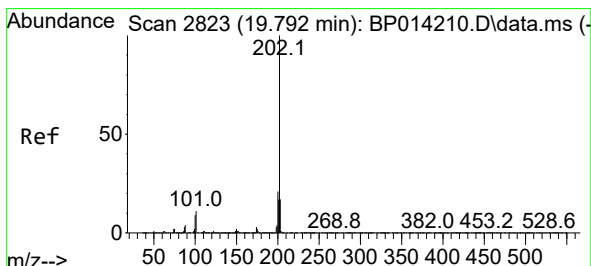
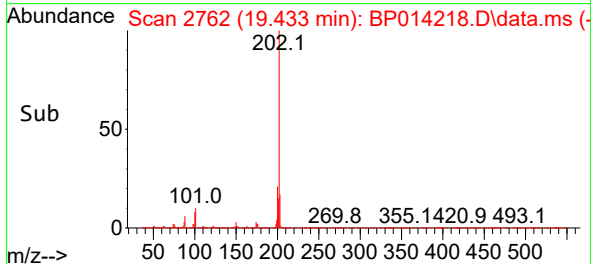
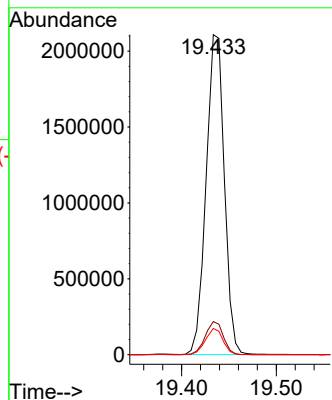
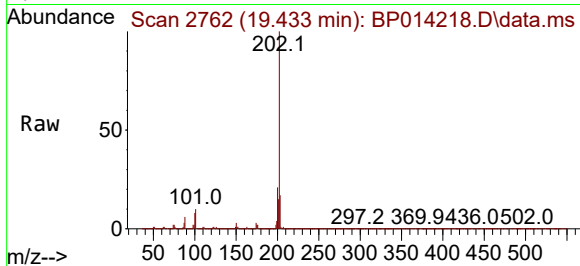




#80
Fluoranthene
Concen: 40.482 ng/ul
RT: 19.433 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

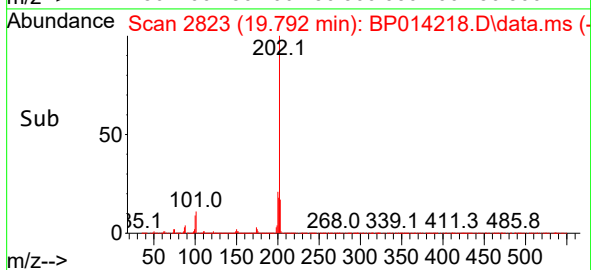
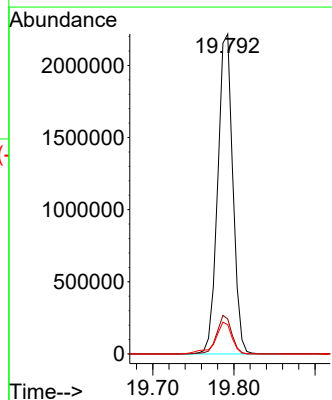
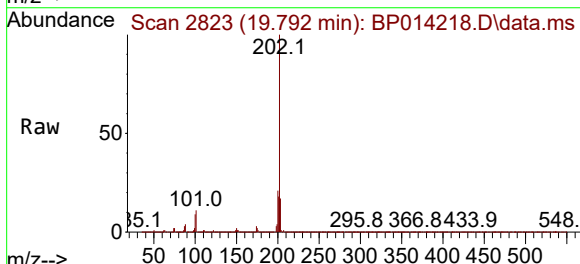
Instrument :
BNA_P
ClientSampleId :

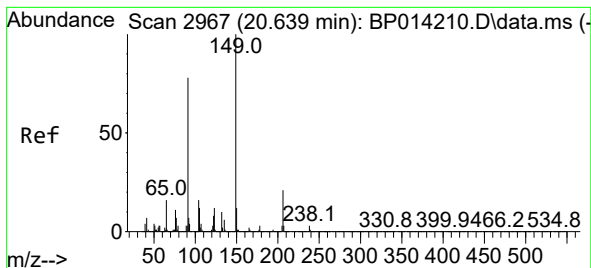
Tgt Ion:202 Resp: 2809421
Ion Ratio Lower Upper
202 100
101 10.4 6.6 10.0#
100 8.2 5.0 7.4#



#82
Pyrene
Concen: 39.602 ng/ul
RT: 19.792 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP014218.D
Acq: 22 Mar 2023 13:48

Tgt Ion:202 Resp: 2867036
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.8
100 9.2 6.5 9.7





#83

Butylbenzylphthalate

Concen: 44.172 ng/ul

RT: 20.645 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

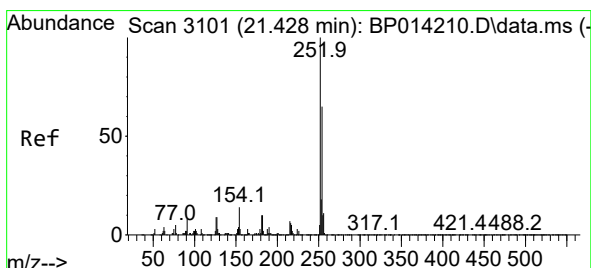
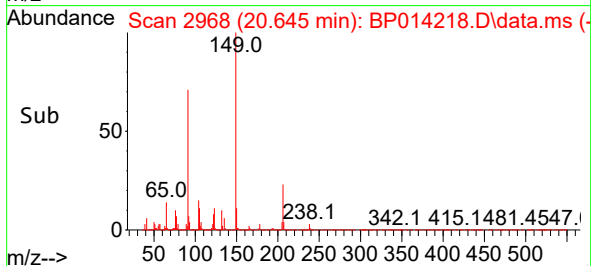
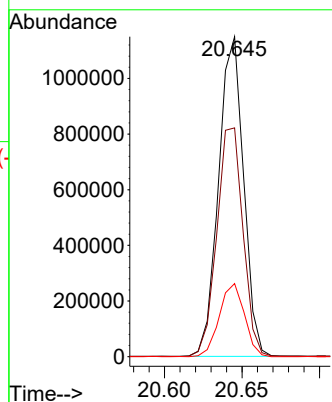
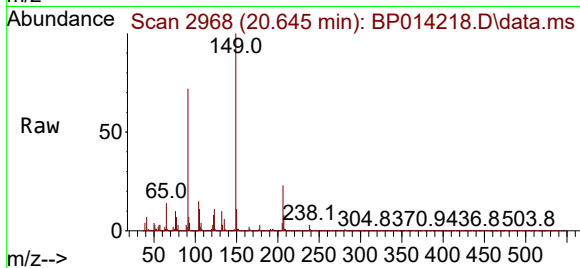
Tgt Ion:149 Resp: 1289425

Ion Ratio Lower Upper

149 100

91 71.5 57.9 86.9

206 22.9 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 30.271 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

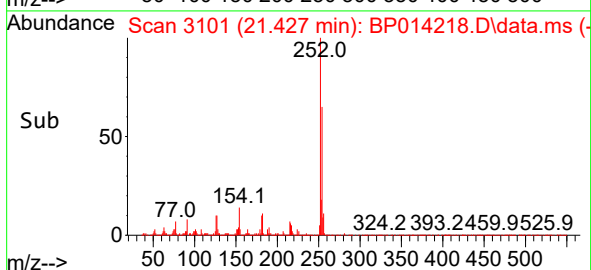
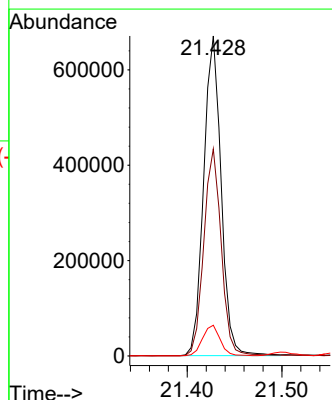
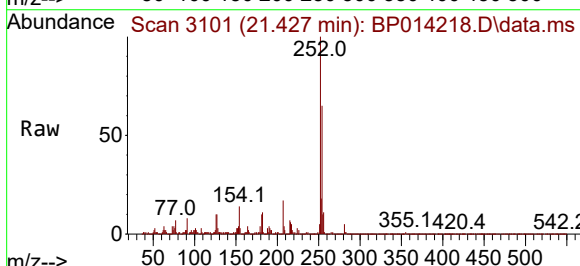
Tgt Ion:252 Resp: 855486

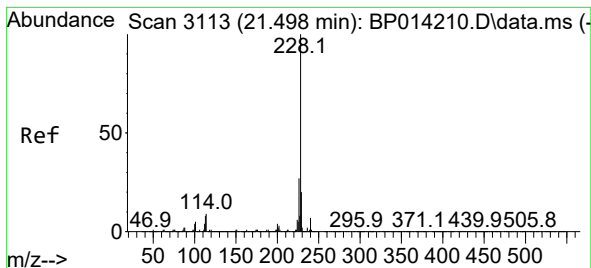
Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

126 9.6 6.9 10.3





#85

Benzo(a)anthracene

Concen: 35.157 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

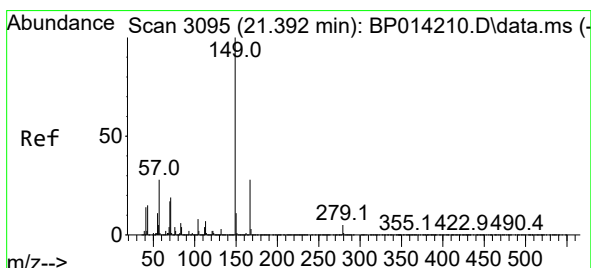
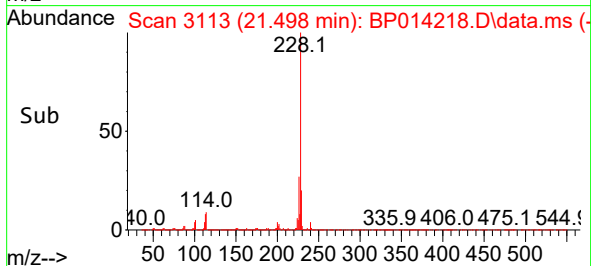
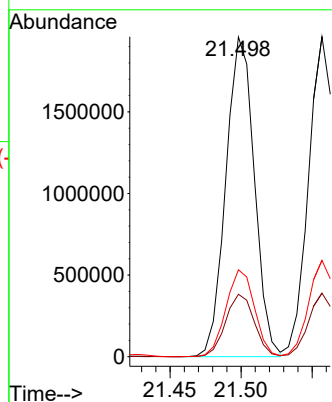
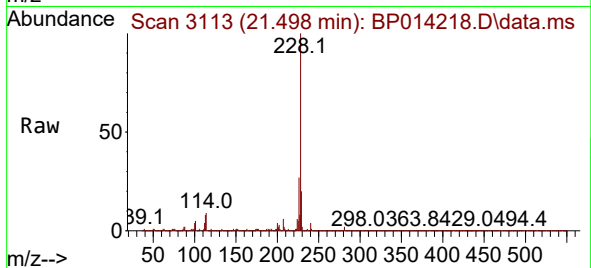
Tgt Ion:228 Resp: 2729859

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 27.2 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.846 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

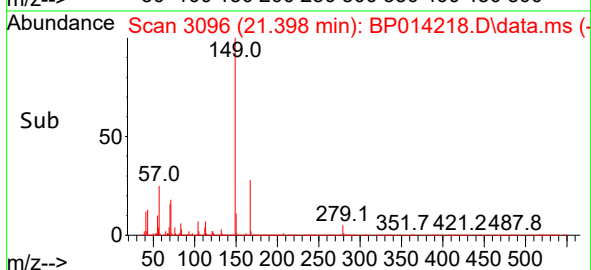
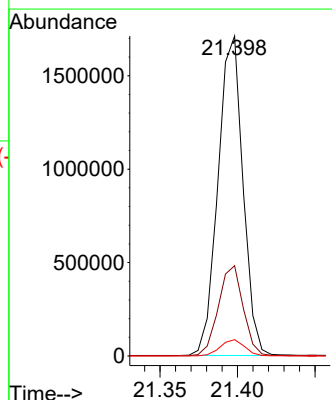
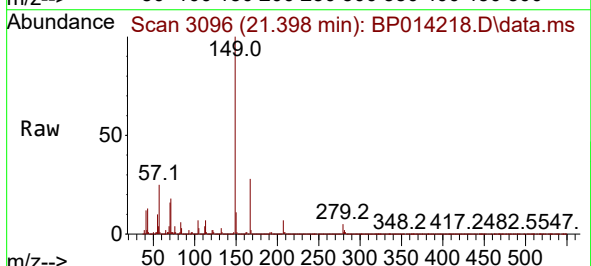
Tgt Ion:149 Resp: 1913538

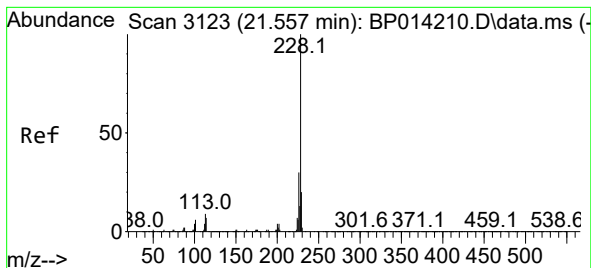
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 5.1 4.3 6.5





#87

Chrysene

Concen: 34.419 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

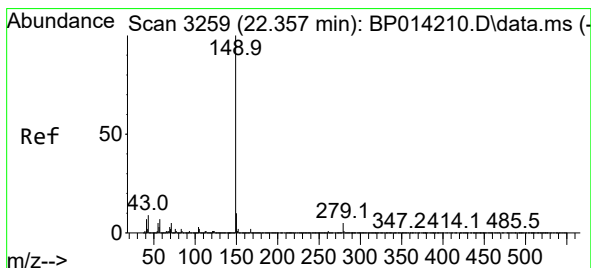
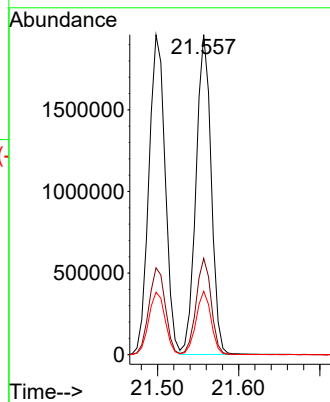
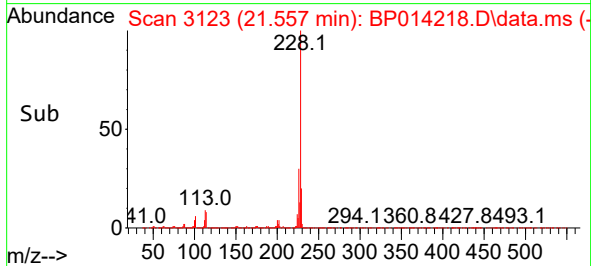
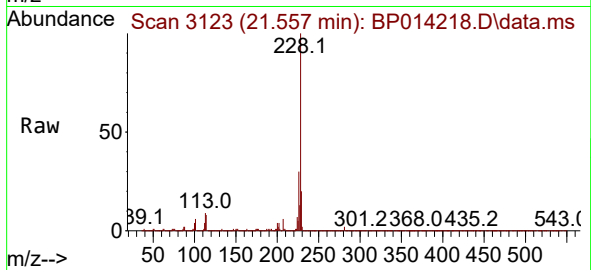
Tgt Ion:228 Resp: 2547026

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.9 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 52.774 ng/ul

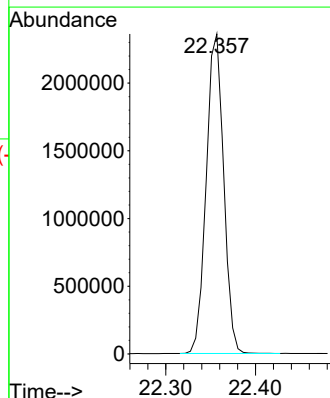
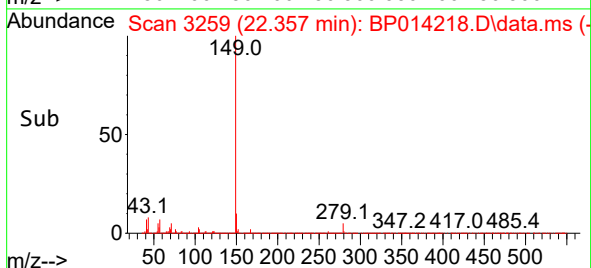
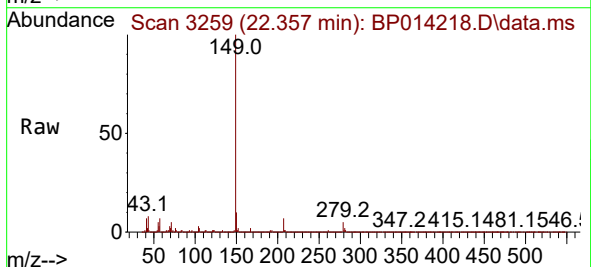
RT: 22.357 min Scan# 3259

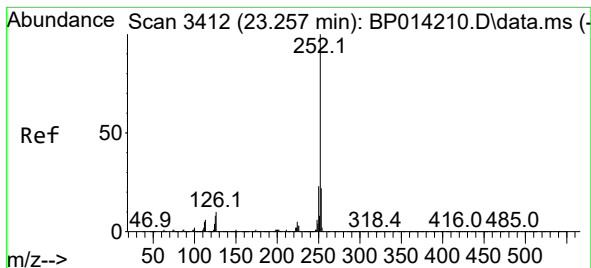
Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Tgt Ion:149 Resp: 3172002





#90

Benzo(b)fluoranthene

Concen: 37.468 ng/ul

RT: 23.257 min Scan# 3412

Delta R.T. -0.006 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

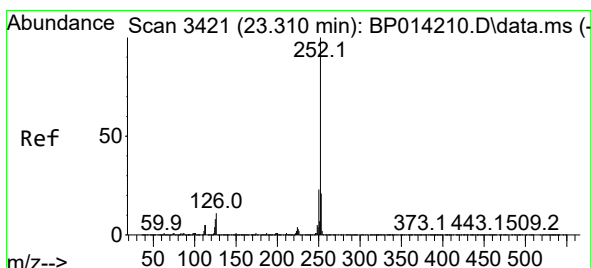
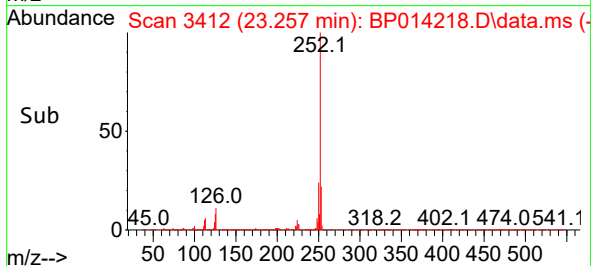
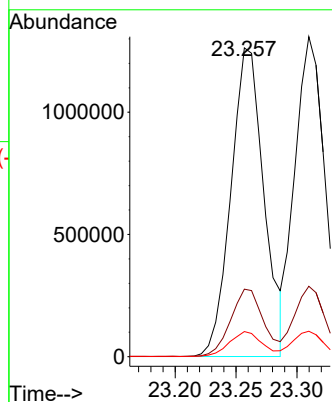
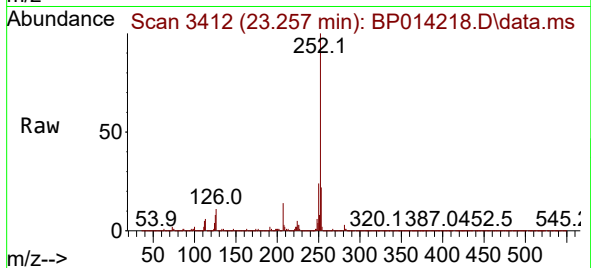
Tgt Ion:252 Resp: 2378235

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.1 5.4 8.2



#91

Benzo(k)fluoranthene

Concen: 36.923 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

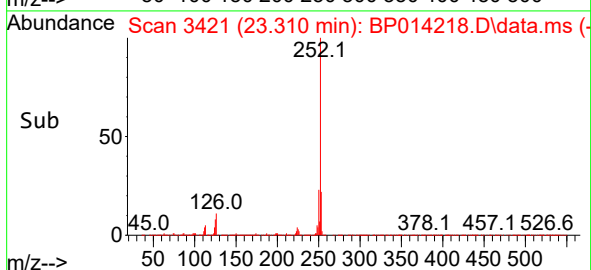
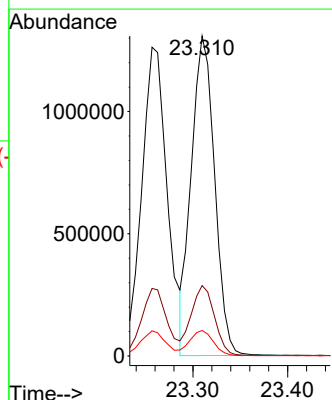
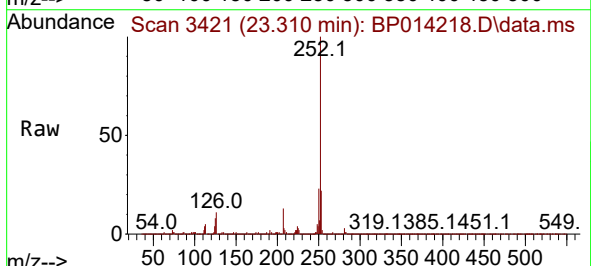
Tgt Ion:252 Resp: 2234763

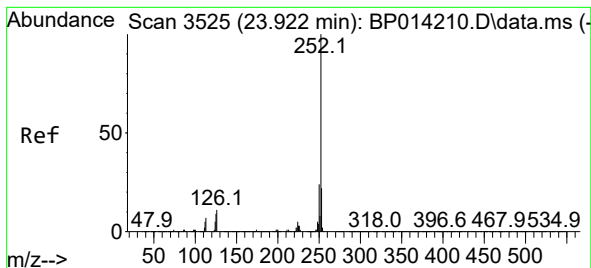
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.0 5.5 8.3





#93

Benzo(a)pyrene

Concen: 34.975 ng/ul

RT: 23.921 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :

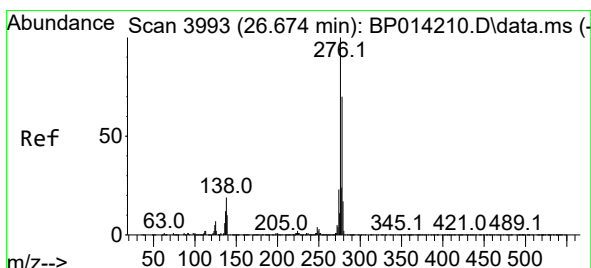
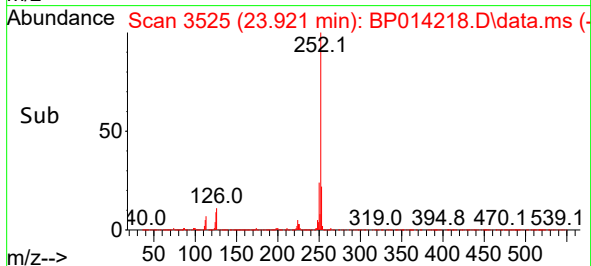
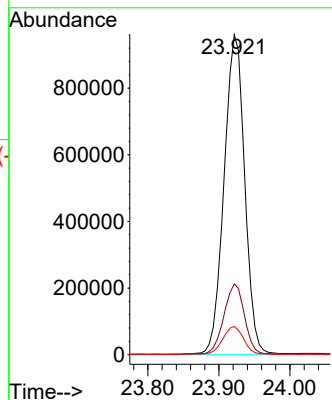
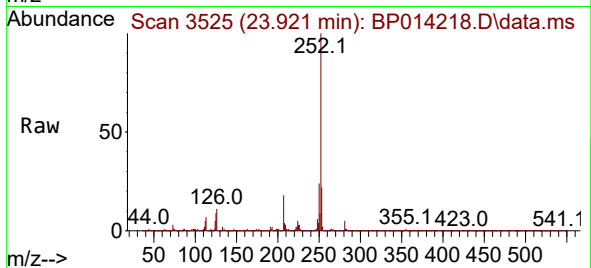
Tgt Ion:252 Resp: 1930922

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.8 6.2 9.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.102 ng/ul

RT: 26.686 min Scan# 3995

Delta R.T. 0.012 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

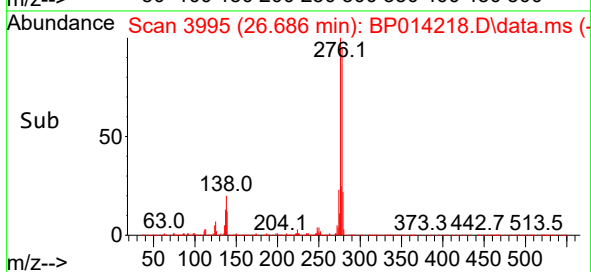
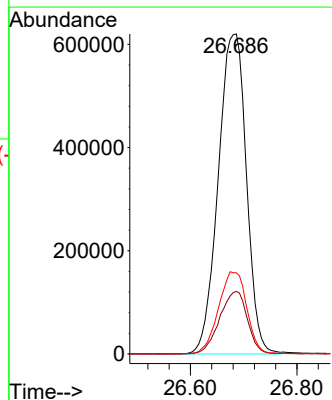
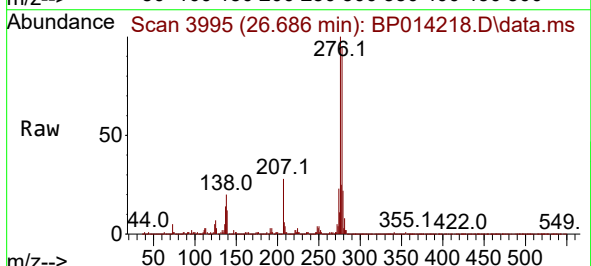
Tgt Ion:276 Resp: 2273075

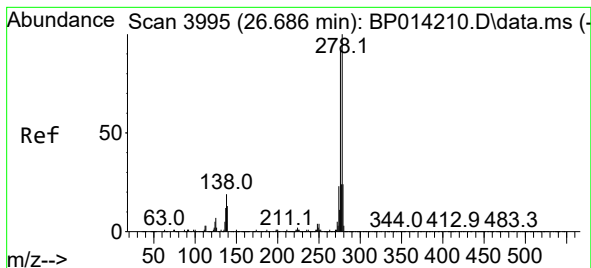
Ion Ratio Lower Upper

276 100

138 19.6 13.1 19.7

277 25.4 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 31.363 ng/ul

RT: 26.698 min Scan# 3997

Delta R.T. 0.006 min

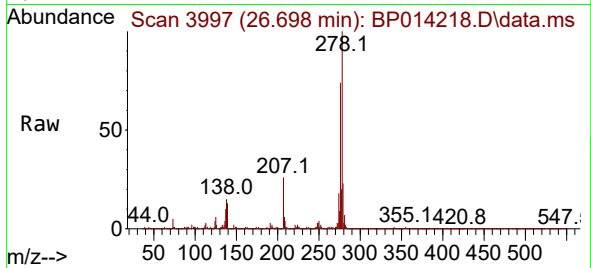
Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Instrument :

BNA_P

ClientSampleId :



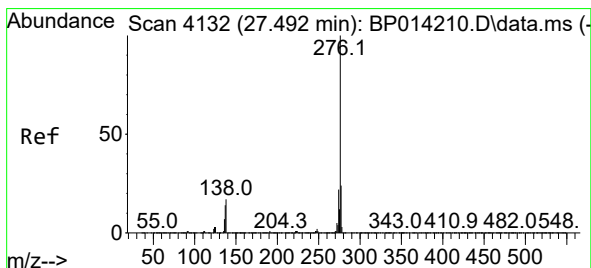
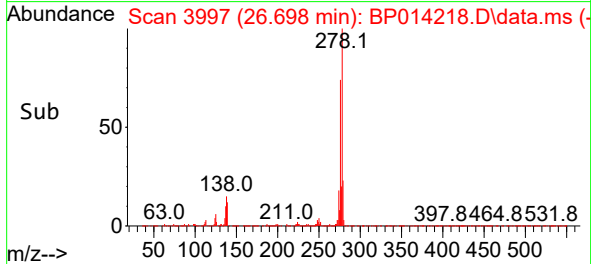
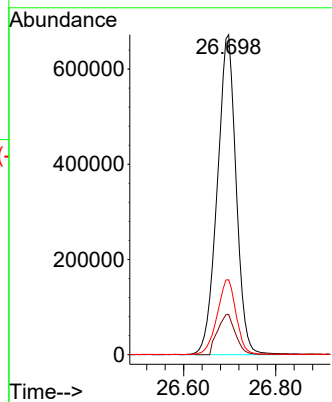
Tgt Ion:278 Resp: 1905126

Ion Ratio Lower Upper

278 100

139 12.6 8.7 13.1

279 23.4 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 31.083 ng/ul

RT: 27.492 min Scan# 4132

Delta R.T. 0.000 min

Lab File: BP014218.D

Acq: 22 Mar 2023 13:48

Tgt Ion:276 Resp: 1815734

Ion Ratio Lower Upper

276 100

138 16.3 11.9 17.9

277 23.6 18.7 28.1

