

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018844.D
 Acq On : 14 Dec 2023 15:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 14 21:54:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	206322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	734620	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	421137	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	965643	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1003401	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1342560	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	52255	8.631	ng/uL	0.00
4) Pyridine-d5	3.675	84	344563	21.246	ng/ul	0.00
7) Phenol-d5	7.005	99	390545	18.862	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	229654	18.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	316185	19.570	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	289416	17.272	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	134485	20.569	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	140113	20.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	294749	21.264	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	360204	19.884	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	756227	20.119	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	881219	21.292	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	135222	21.917	ng/ul	0.00
60) Fluorene-d10	15.457	176	676026	21.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	107084	18.495	ng/ul	0.00
73) Anthracene-d10	17.310	188	1094900	21.568	ng/ul	0.00
81) Pyrene-d10	19.545	212	1411833	18.076	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	1628263	20.800	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	54929	8.273	ng/uL	96
5) Pyridine	3.693	79	345350	21.087	ng/ul	97
6) Benzaldehyde	6.975	77	232527	21.752	ng/ul	94
8) Phenol	7.028	94	388788	19.147	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.264	93	315822	18.939	ng/ul	99
12) 2-Chlorophenol	7.393	128	315696	19.307	ng/ul	97
13) 2-Methylphenol	8.281	108	277573	17.856	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	353173	16.691	ng/ul	97
16) Acetophenone	8.658	105	439479	17.599	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	199331	14.510	ng/ul	96
18) 4-Methylphenol	8.611	108	294154	17.329	ng/ul	95
19) Hexachloroethane	8.905	117	133730	19.950	ng/ul	89
22) Nitrobenzene	9.034	77	320041	20.132	ng/ul	97
23) Isophorone	9.563	82	550892	16.996	ng/ul	97
25) 2-Nitrophenol	9.746	139	149827	20.643	ng/ul	99
26) 2,4-Dimethylphenol	9.810	107	280348	19.750	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.046	93	377868	18.466	ng/ul	100
29) 2,4-Dichlorophenol	10.275	162	279700	20.949	ng/ul	97
30) Naphthalene	10.675	128	939856	21.090	ng/ul	99
32) 4-Chloroaniline	10.793	127	347575	20.131	ng/ul	100
33) Hexachlorobutadiene	10.963	225	222696	24.906	ng/ul	99
34) Caprolactam	11.563	113	84441	20.626	ng/ul	86
35) 4-Chloro-3-methylphenol	11.922	107	258410	17.277	ng/ul	98
36) 2-Methylnaphthalene	12.287	142	607798	19.251	ng/ul	100

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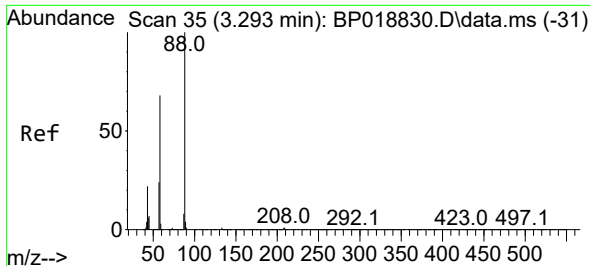
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	609889	19.129	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	372117	24.354	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	180000	19.875	ng/ul	97
41) 2,4,6-Trichlorophenol	12.899	196	214497	21.822	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	232472	21.816	ng/ul	99
43) 1,1'-Biphenyl	13.299	154	792615	21.762	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	643583	22.372	ng/ul	97
45) 2-Nitroaniline	13.546	65	142283	18.245	ng/ul	99
47) Dimethylphthalate	13.928	163	745141	20.140	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	136666	19.551	ng/ul	94
50) Acenaphthylene	14.181	152	985423	21.177	ng/ul	100
51) 3-Nitroaniline	14.375	138	141303	20.250	ng/ul	96
52) Acenaphthene	14.522	153	657625	21.374	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	63086	17.028	ng/ul	95
55) 4-Nitrophenol	14.681	109	102966	22.090	ng/ul	96
56) Dibenzofuran	14.857	168	921318	21.545	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	202562	20.601	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.087	232	200125	22.389	ng/ul	93
59) Diethylphthalate	15.287	149	710592	19.627	ng/ul	99
61) Fluorene	15.510	166	745879	22.044	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	399628	22.519	ng/ul	93
63) 4-Nitroaniline	15.534	138	148628	22.358	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	115987	18.737	ng/ul#	90
67) N-Nitrosodiphenylamine	15.722	169	629667	19.678	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	250495	20.548	ng/ul	93
69) Hexachlorobenzene	16.510	284	294670	21.649	ng/ul	97
70) Atrazine	16.675	200	177762	18.686	ng/ul	99
71) Pentachlorophenol	16.857	266	178214	22.016	ng/ul	100
72) Phenanthrene	17.251	178	1245137	21.350	ng/ul	100
74) Anthracene	17.345	178	1269998	21.725	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	364897	21.854	ng/uL	98
76) Pentachlorobenzene	14.781	250	346959	21.154	ng/uL	98
77) Carbazole	17.616	167	1138819	24.443	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1250651	20.159	ng/ul	99
80) Fluoranthene	19.222	202	1594042	17.265	ng/ul	97
82) Pyrene	19.575	202	1687329	18.116	ng/ul	95
83) Butylbenzylphthalate	20.451	149	606399	17.784	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	595105	24.406	ng/ul	100
85) Benzo(a)anthracene	21.280	228	1767596	21.703	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	912610	19.473	ng/ul	100
87) Chrysene	21.333	228	1545427	20.605	ng/ul	100
89) Di-n-octyl phthalate	22.122	149	1455658	14.850	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2017278	20.379	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	1906908	19.910	ng/ul	98
93) Benzo(a)pyrene	23.551	252	1880745	20.794	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.110	276	2377969	22.005	ng/ul	96
95) Dibenzo(a,h)anthracene	26.127	278	1976712	21.988	ng/ul	98
96) Benzo(g,h,i)perylene	26.857	276	1904641	21.900	ng/ul	96

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

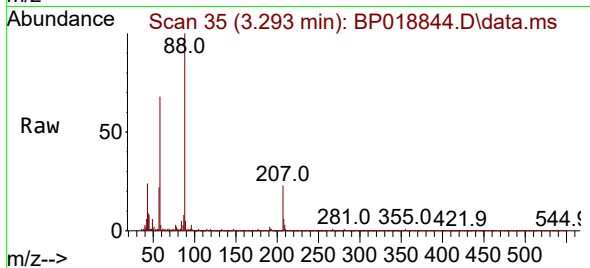
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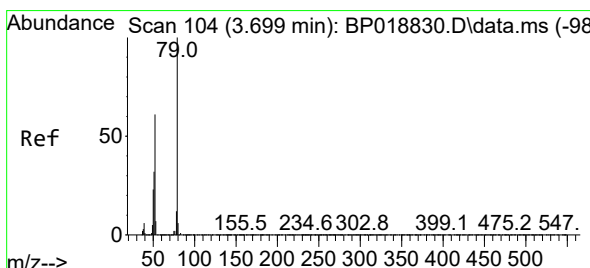
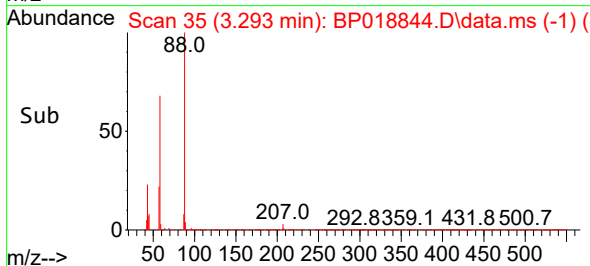
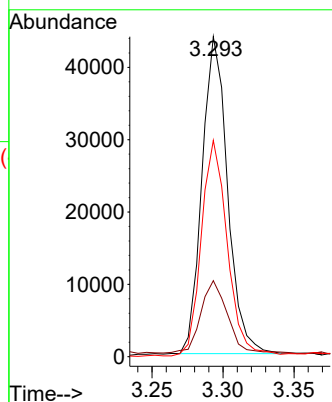


#2
1,4-Dioxane
Concen: 8.273 ng/uL
RT: 3.293 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Instrument :
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ClientSampleId :

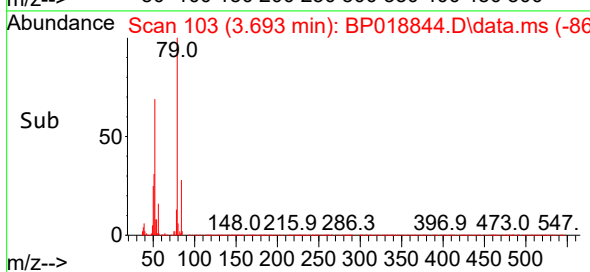
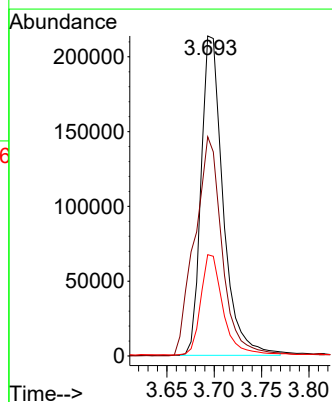
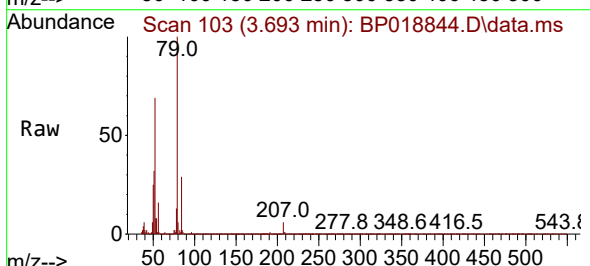


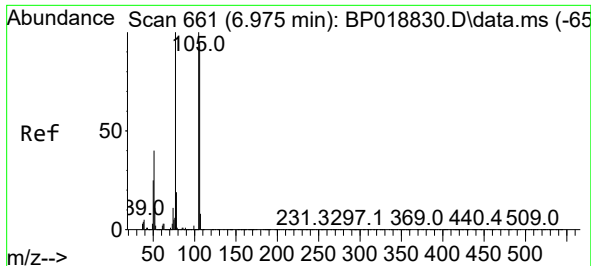
Tgt Ion	Ratio	Lower	Upper
88	100		
43	23.7	21.8	32.6
58	67.6	56.5	84.7



#5
Pyridine
Concen: 21.087 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion	Ratio	Lower	Upper
79	100		
52	68.5	57.4	86.0
51	31.7	26.2	39.4

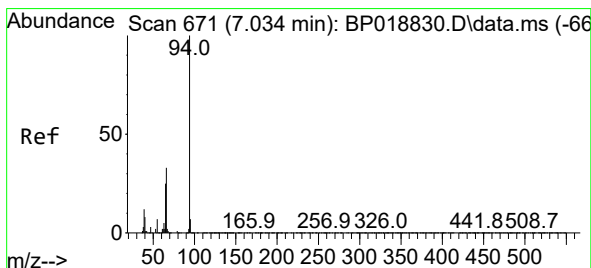
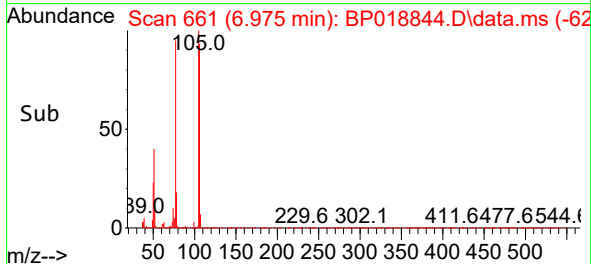
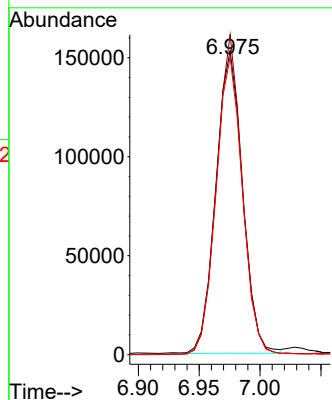
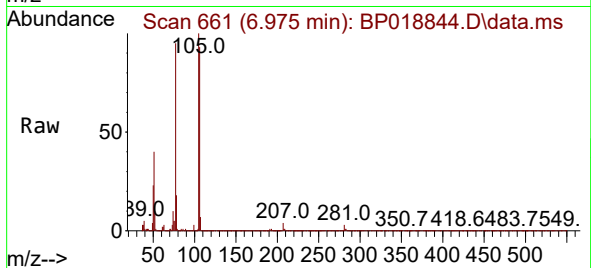




#6
Benzaldehyde
Concen: 21.752 ng/ul
RT: 6.975 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

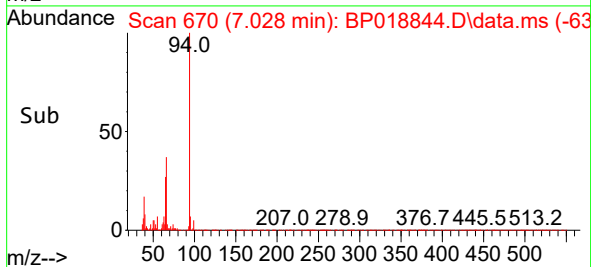
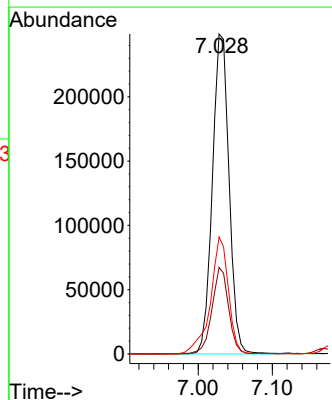
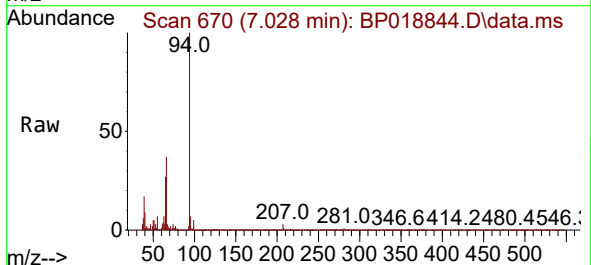
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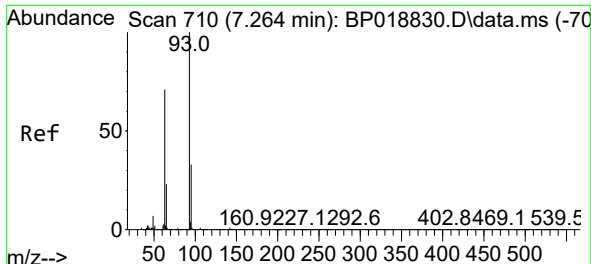
Tgt Ion: 77 Resp: 232527
Ion Ratio Lower Upper
77 100
105 105.3 77.9 116.9
106 97.8 74.6 111.8



#8
Phenol
Concen: 19.147 ng/ul
RT: 7.028 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion: 94 Resp: 388788
Ion Ratio Lower Upper
94 100
65 27.0 21.0 31.6
66 36.5 28.6 43.0

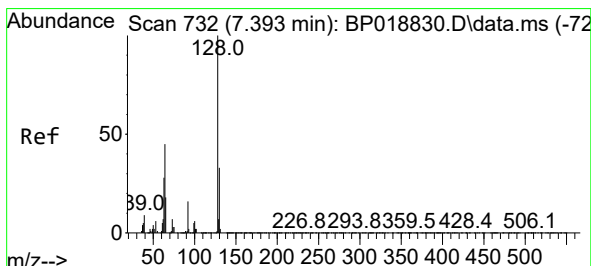
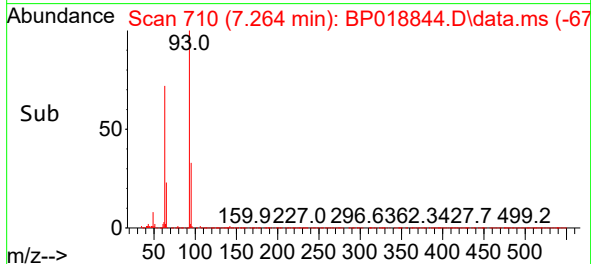
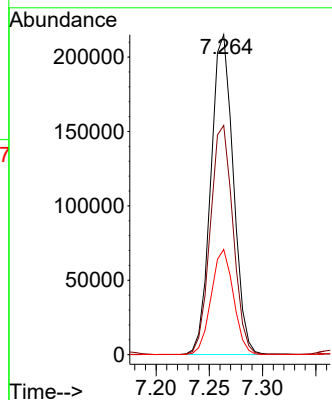
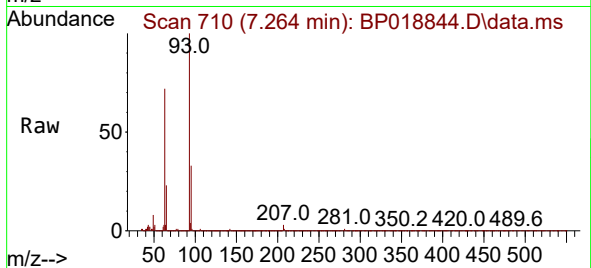




#10
Bis(2-Chloroethyl)ether
Concen: 18.939 ng/ul
RT: 7.264 min Scan# 710
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

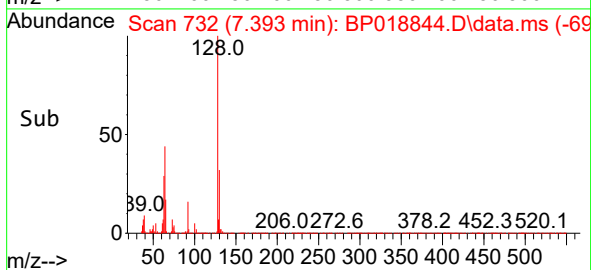
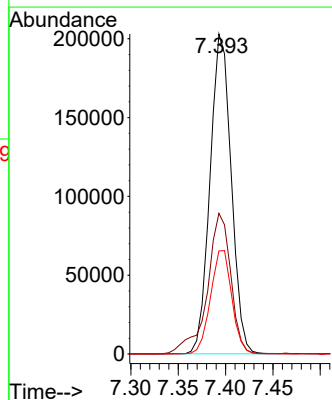
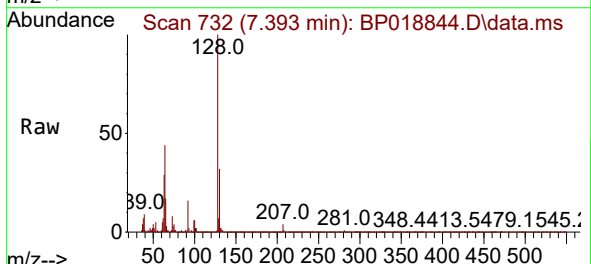
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ClientSampleId :

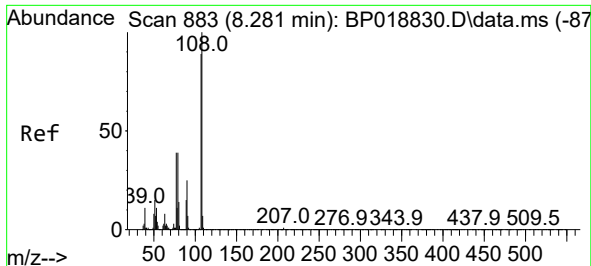
Tgt Ion: 93 Resp: 315822
Ion Ratio Lower Upper
93 100
63 71.7 58.3 87.5
95 32.9 25.9 38.9



#12
2-Chlorophenol
Concen: 19.307 ng/ul
RT: 7.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:128 Resp: 315696
Ion Ratio Lower Upper
128 100
64 43.9 37.0 55.4
130 32.2 26.8 40.2

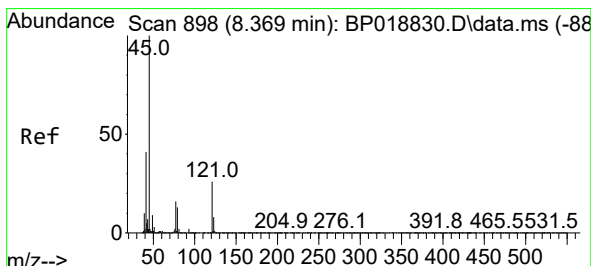
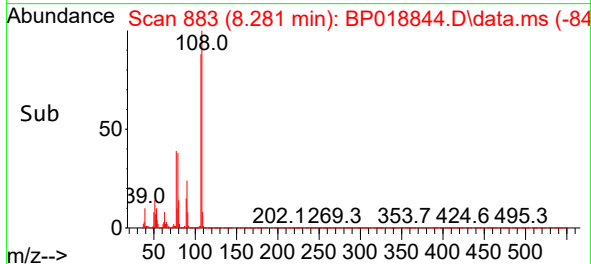
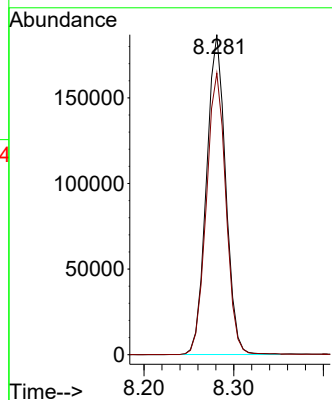
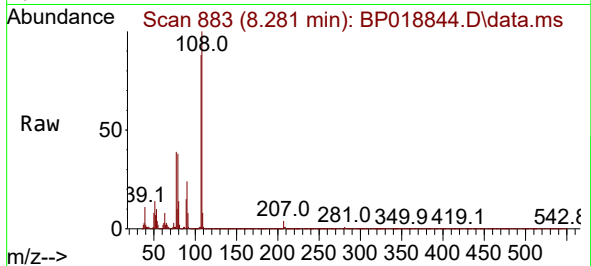




#13
2-Methylphenol
Concen: 17.856 ng/ul
RT: 8.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

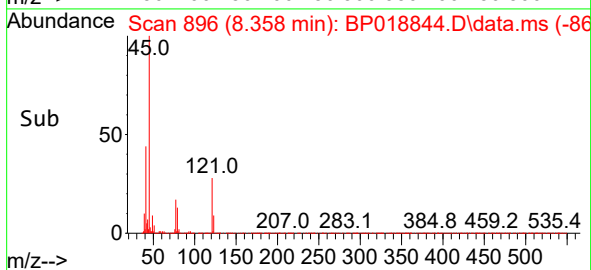
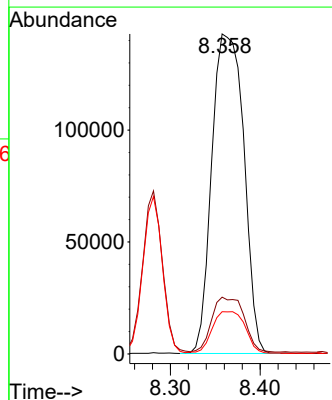
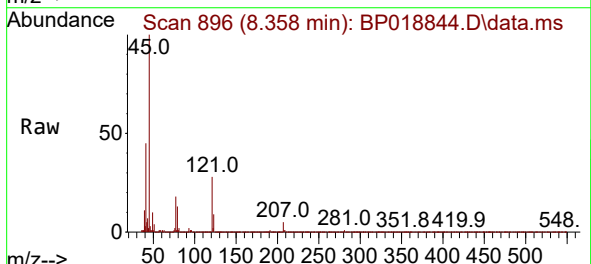
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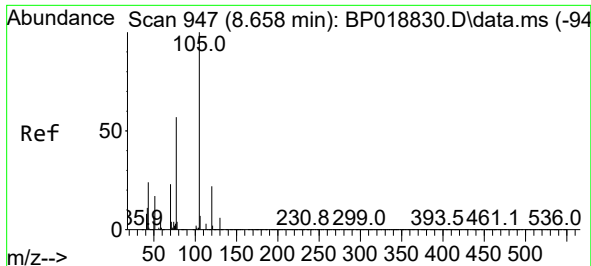
Tgt Ion:108 Resp: 277573
Ion Ratio Lower Upper
108 100
107 88.0 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 16.691 ng/ul
RT: 8.358 min Scan# 896
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion: 45 Resp: 353173
Ion Ratio Lower Upper
45 100
77 17.7 12.7 19.1
79 13.2 10.5 15.7

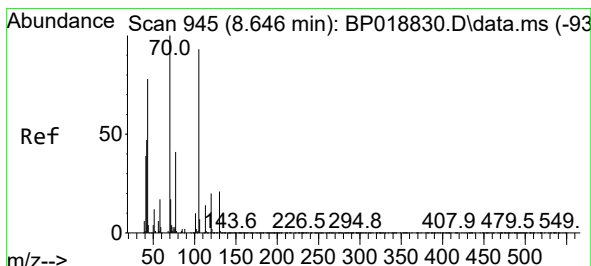
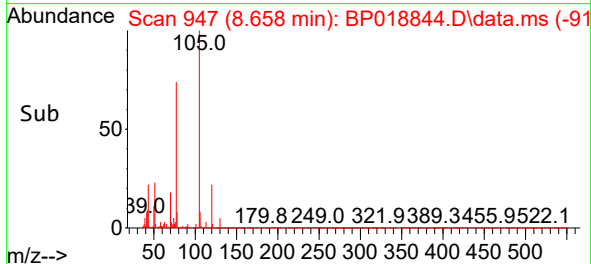
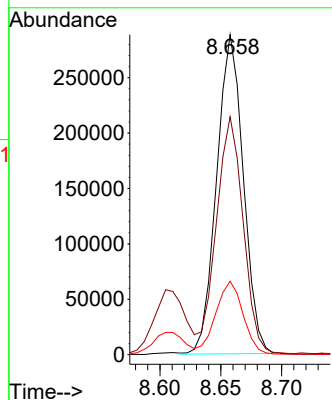
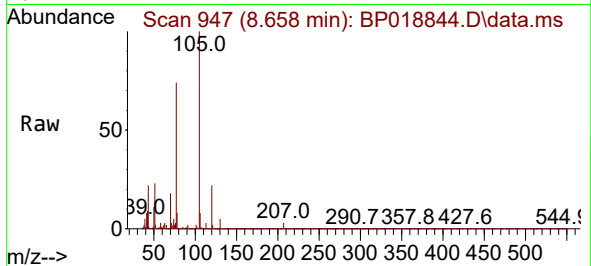




#16
Acetophenone
Concen: 17.599 ng/ul
RT: 8.658 min Scan# 947
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

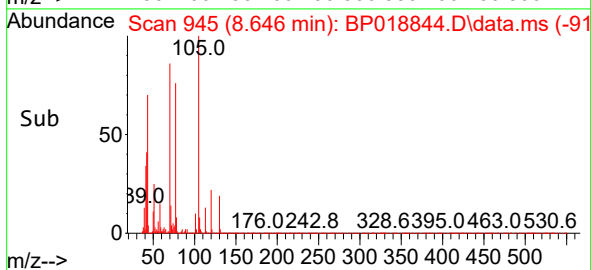
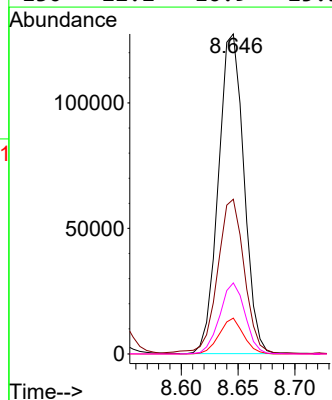
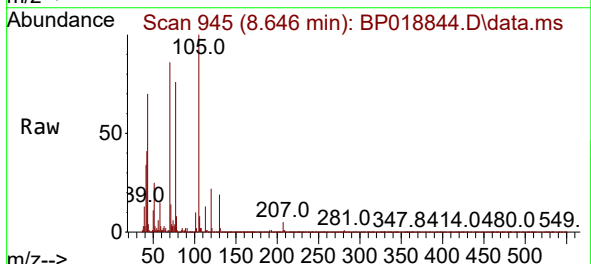
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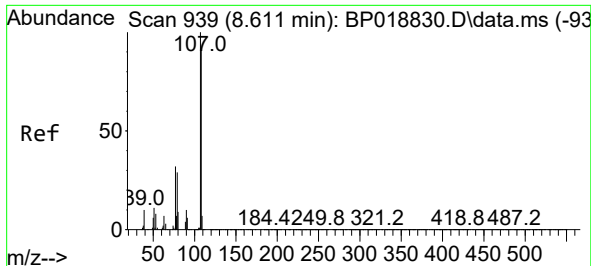
Tgt Ion:105 Resp: 439479
Ion Ratio Lower Upper
105 100
77 74.3 59.4 89.0
51 23.0 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 14.510 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion: 70 Resp: 199331
Ion Ratio Lower Upper
70 100
42 48.4 41.0 61.4
101 11.2 7.8 11.8
130 22.2 16.9 25.3

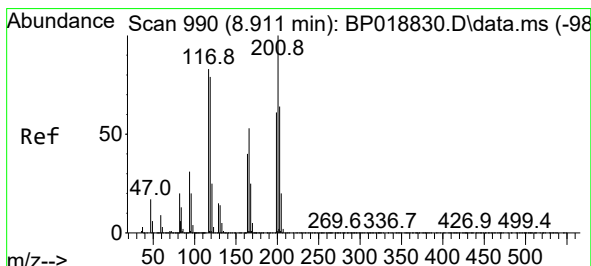
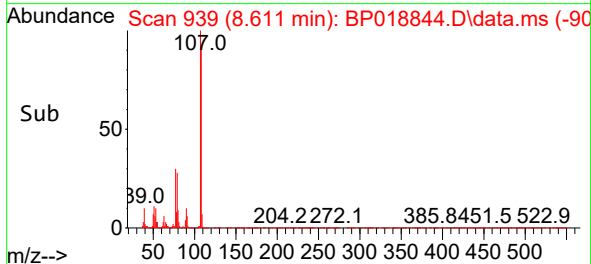
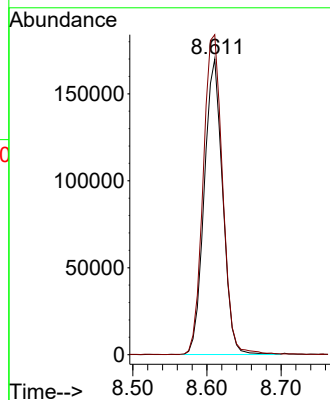
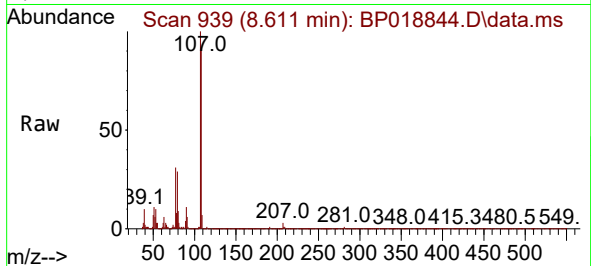




#18
4-Methylphenol
Concen: 17.329 ng/ul
RT: 8.611 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

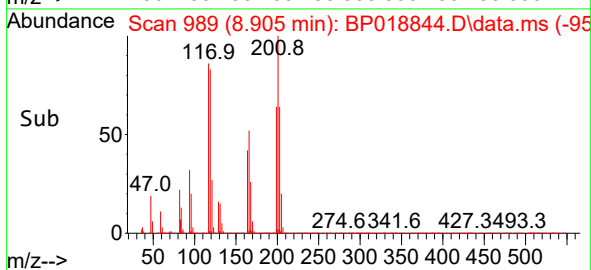
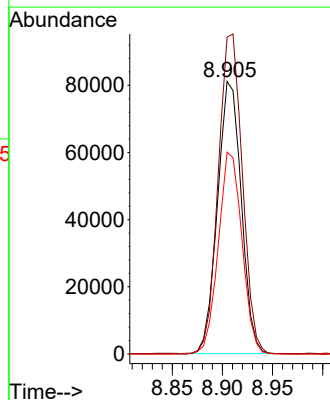
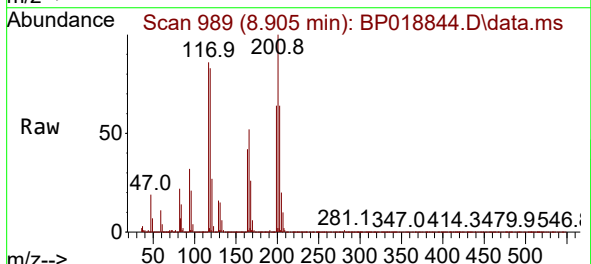
Instrument :
BNA_P
ClientSampleId :

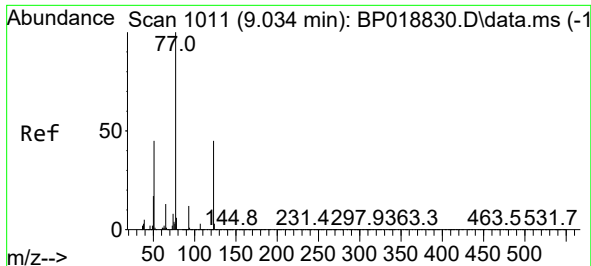
Tgt Ion:108 Resp: 294154
Ion Ratio Lower Upper
108 100
107 108.2 90.6 136.0



#19
Hexachloroethane
Concen: 19.950 ng/ul
RT: 8.905 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:117 Resp: 133730
Ion Ratio Lower Upper
117 100
201 116.3 83.7 125.5
199 74.1 52.3 78.5

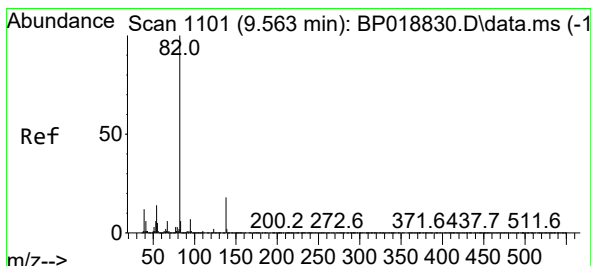
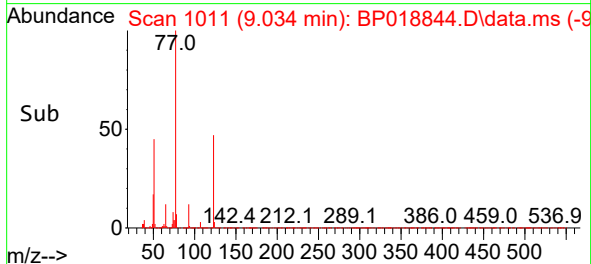
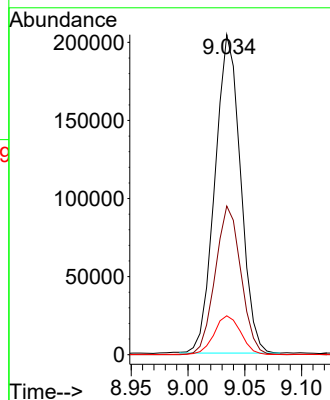
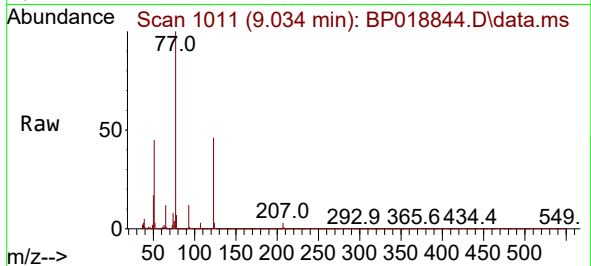




#22
Nitrobenzene
Concen: 20.132 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

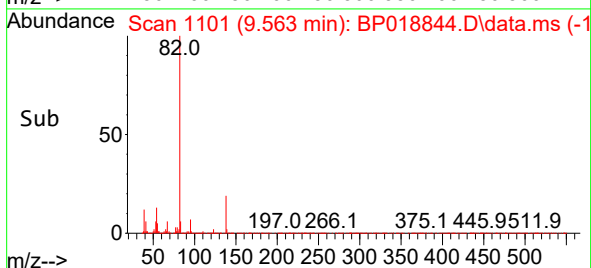
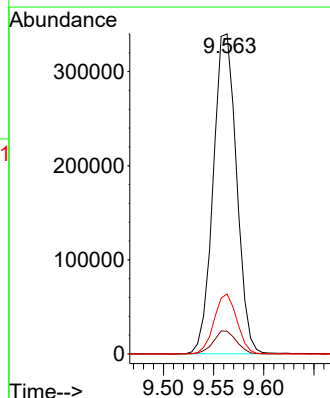
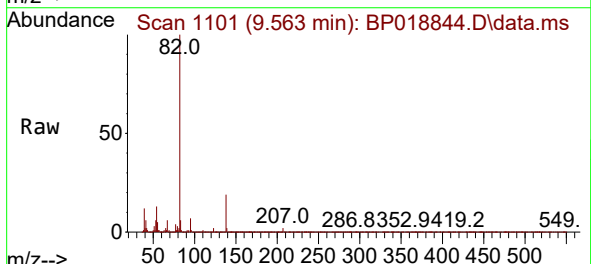
Instrument :
BNA_P
ClientSampleId :

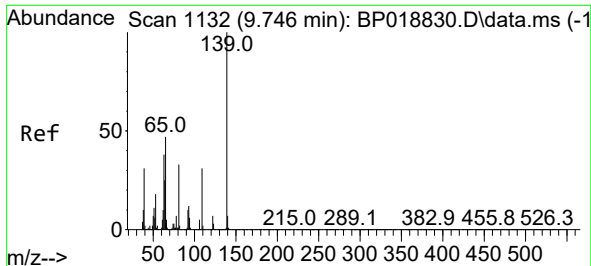
Tgt Ion: 77 Resp: 320041
Ion Ratio Lower Upper
77 100
123 46.5 35.8 53.8
65 12.2 10.5 15.7



#23
Isophorone
Concen: 16.996 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion: 82 Resp: 550892
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.8 13.5 20.3

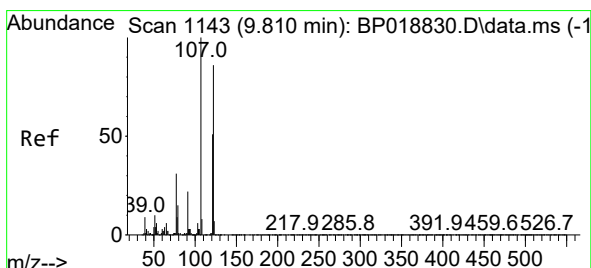
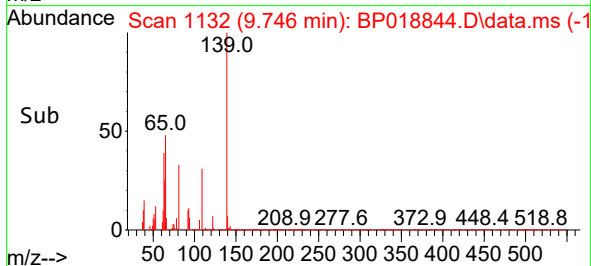
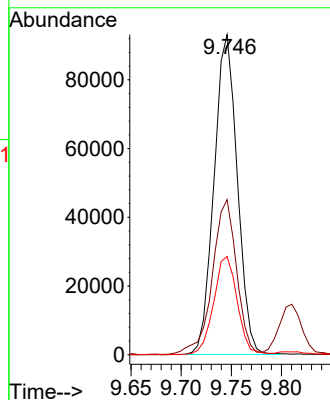
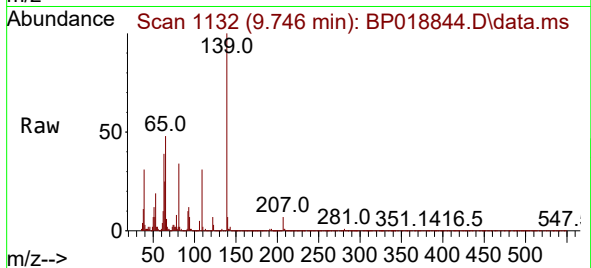




#25
2-Nitrophenol
Concen: 20.643 ng/ul
RT: 9.746 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

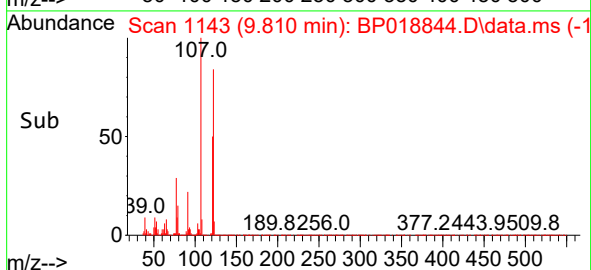
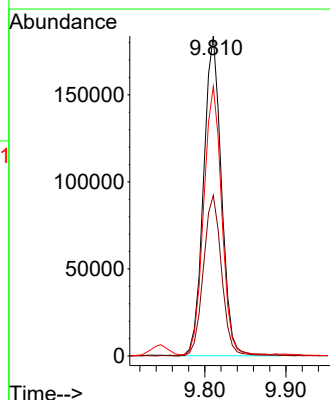
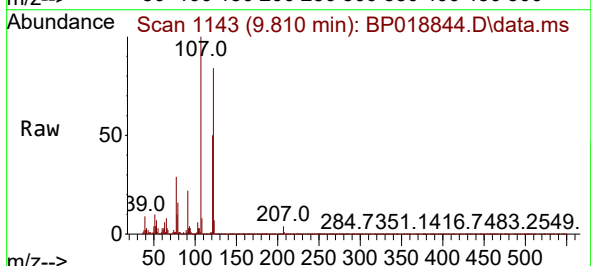
Instrument :
BNA_P
ClientSampleId :

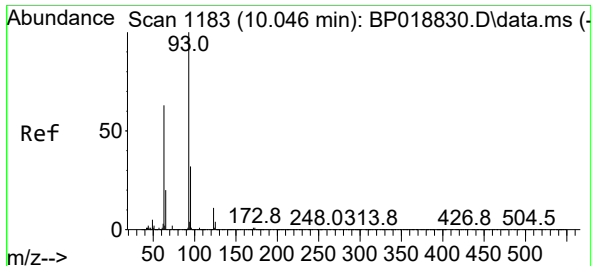
Tgt Ion:139 Resp: 149827
Ion Ratio Lower Upper
139 100
65 48.5 39.1 58.7
109 30.7 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 19.750 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:107 Resp: 280348
Ion Ratio Lower Upper
107 100
121 50.2 40.0 60.0
122 84.2 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 18.466 ng/ul

RT: 10.046 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

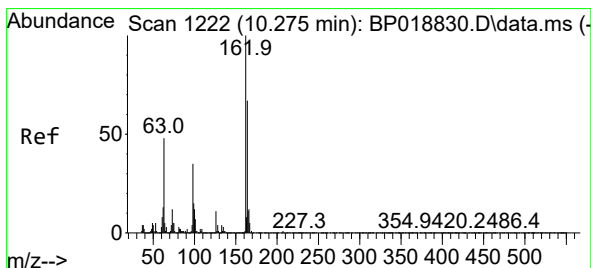
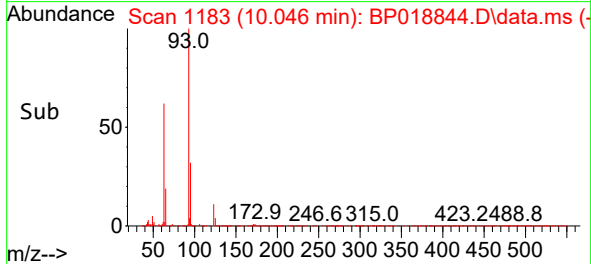
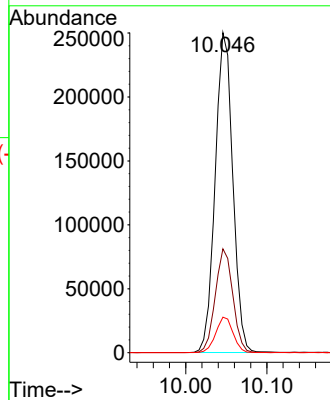
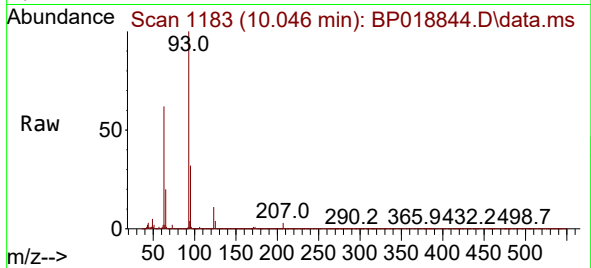
Tgt Ion: 93 Resp: 377868

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.1 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 20.949 ng/ul

RT: 10.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

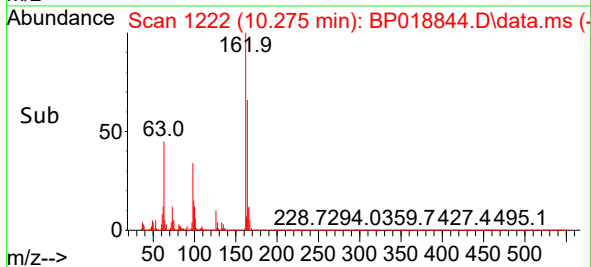
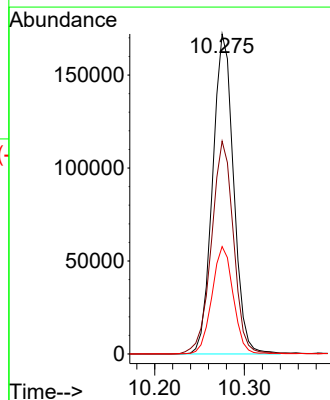
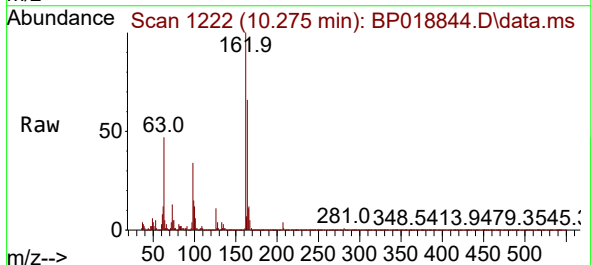
Tgt Ion:162 Resp: 279700

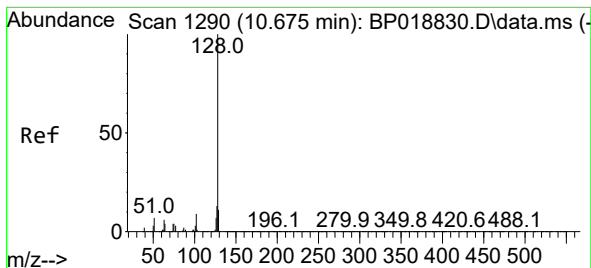
Ion Ratio Lower Upper

162 100

164 66.5 51.7 77.5

98 33.6 29.2 43.8

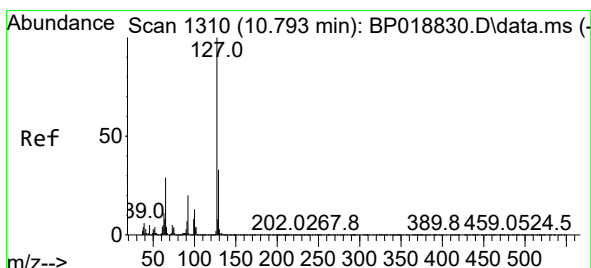
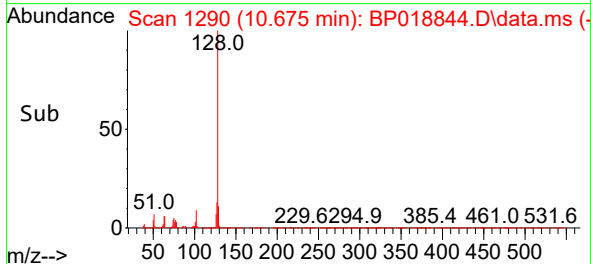
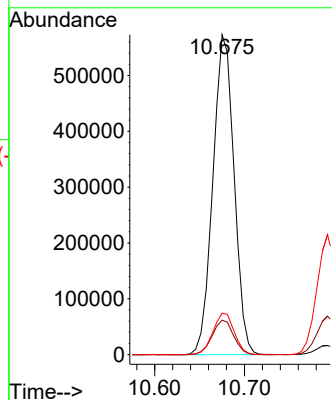
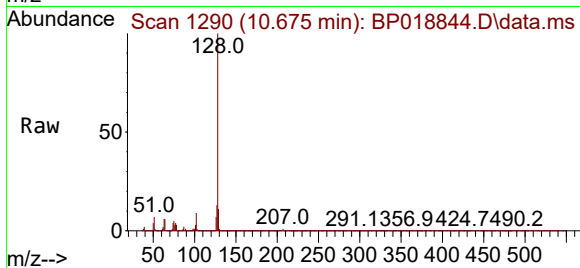




#30
Naphthalene
Concen: 21.090 ng/ul
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

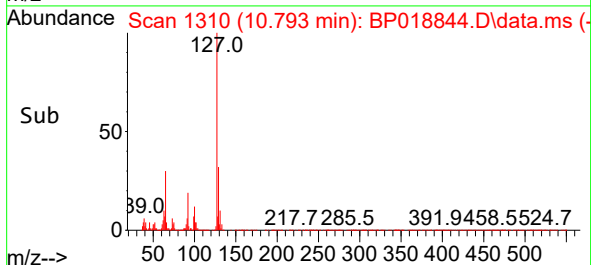
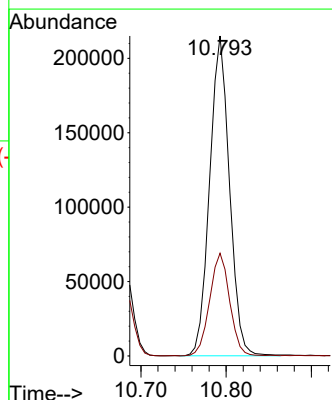
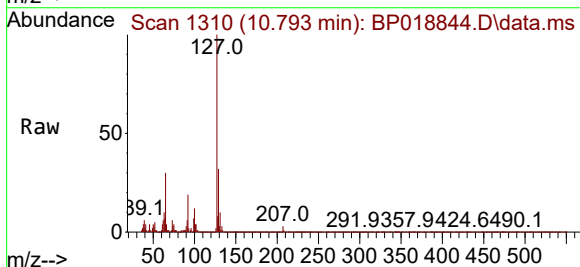
Instrument :
BNA_P
ClientSampleId :

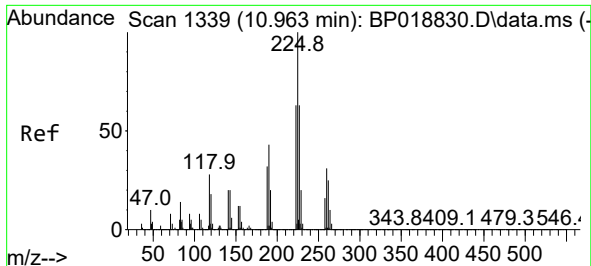
Tgt Ion:128 Resp: 939856
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.5 15.7



#32
4-Chloroaniline
Concen: 20.131 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

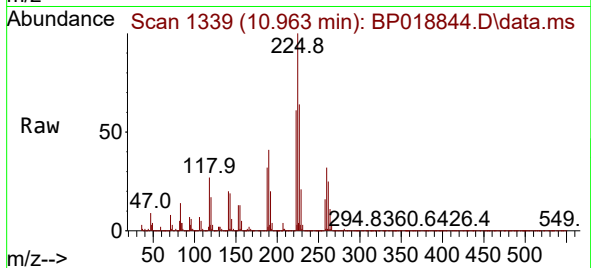
Tgt Ion:127 Resp: 347575
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4



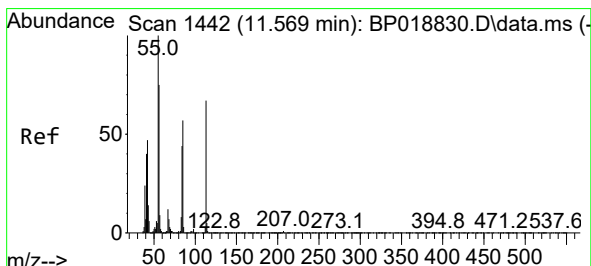
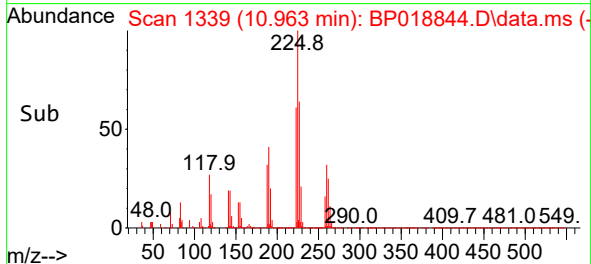
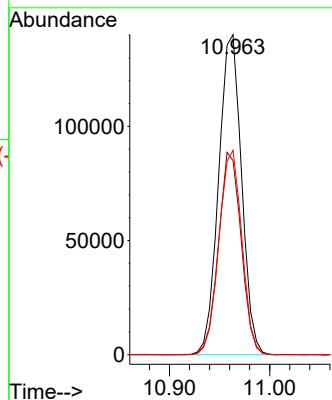


#33
Hexachlorobutadiene
Concen: 24.906 ng/ul
RT: 10.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Instrument :
BNA_P
ClientSampleId :

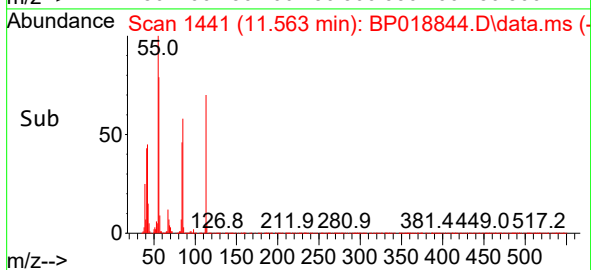
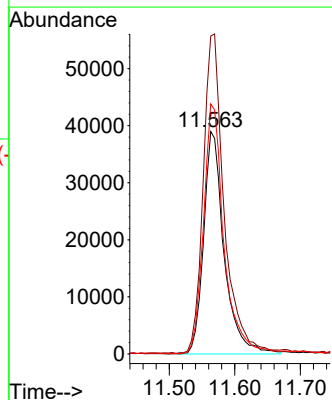
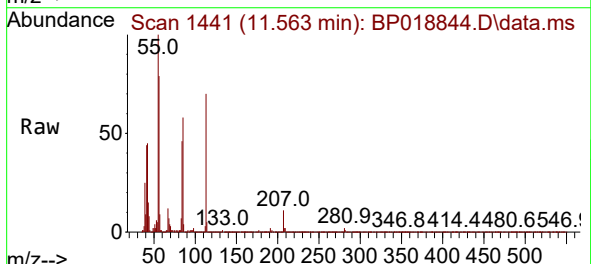


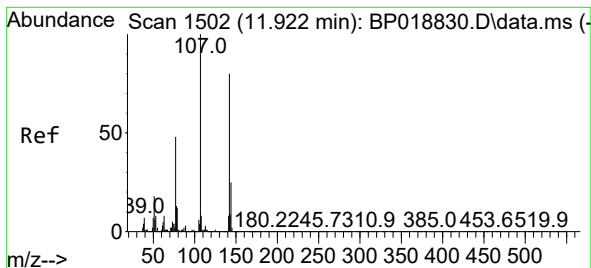
Tgt Ion:225 Resp: 222696
Ion Ratio Lower Upper
225 100
223 60.7 49.5 74.3
227 63.8 50.9 76.3



#34
Caprolactam
Concen: 20.626 ng/ul
RT: 11.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:113 Resp: 84441
Ion Ratio Lower Upper
113 100
55 143.0 133.7 200.5
56 112.4 97.4 146.2

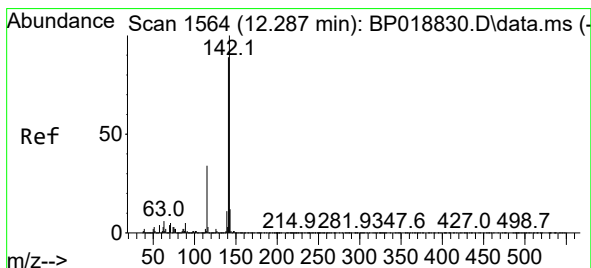
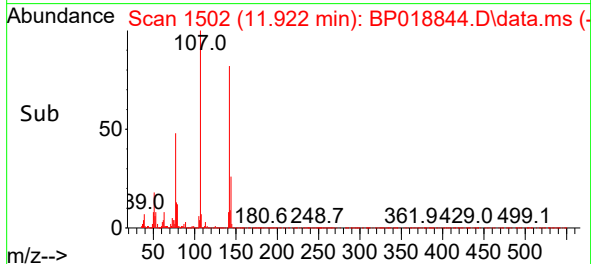
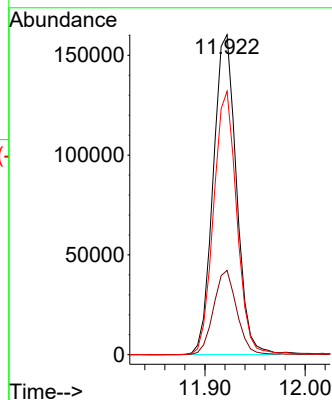
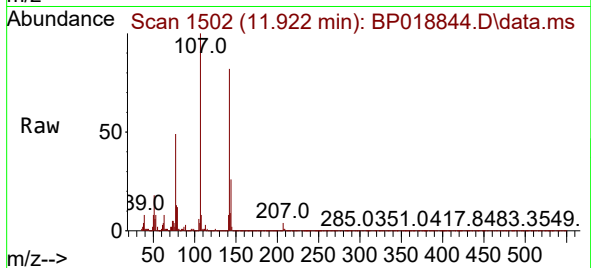




#35
4-Chloro-3-methylphenol
Concen: 17.277 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

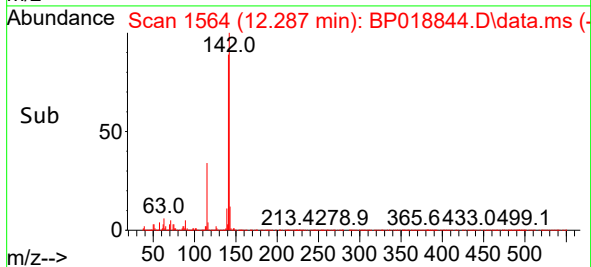
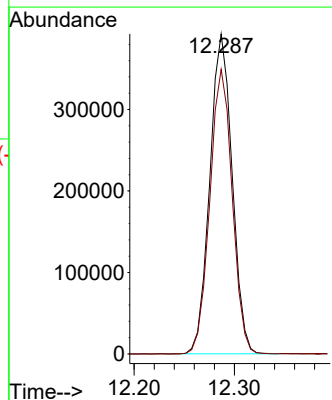
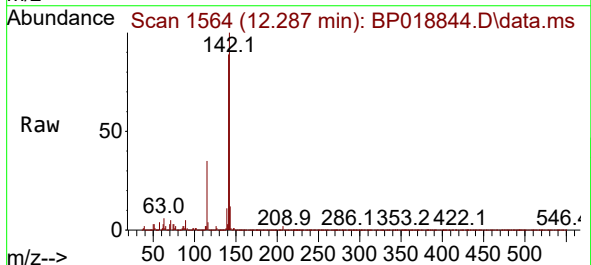
Instrument :
BNA_P
ClientSampleId :

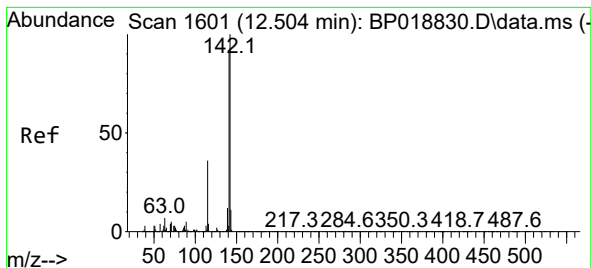
Tgt Ion:107 Resp: 258410
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.6
142 82.3 63.6 95.4



#36
2-Methylnaphthalene
Concen: 19.251 ng/ul
RT: 12.287 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:142 Resp: 607798
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0





#37

1-Methylnaphthalene

Concen: 19.129 ng/ul

RT: 12.504 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

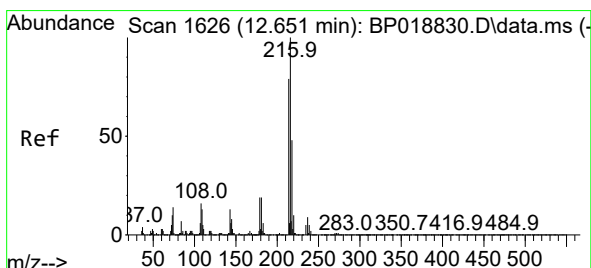
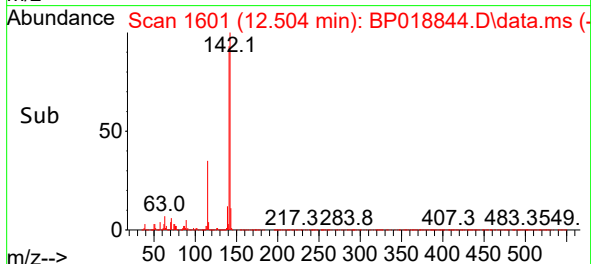
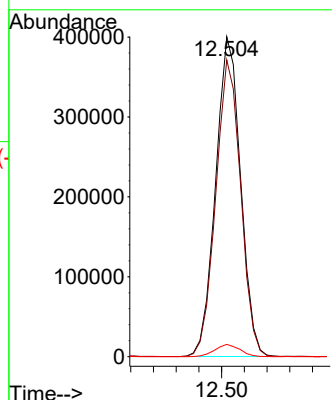
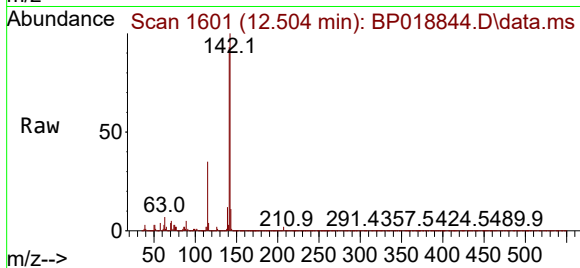
Tgt Ion:142 Resp: 609889

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3

116 3.9 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.354 ng/ul

RT: 12.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Tgt Ion:216 Resp: 372117

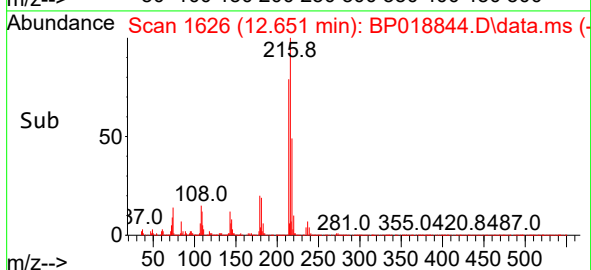
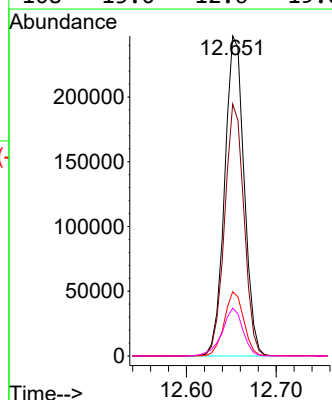
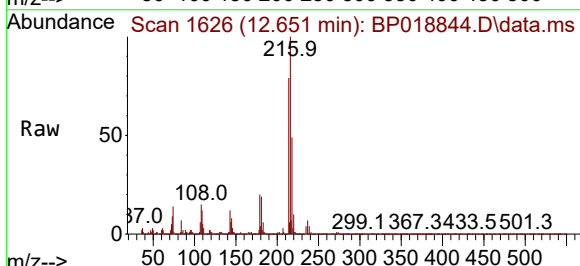
Ion Ratio Lower Upper

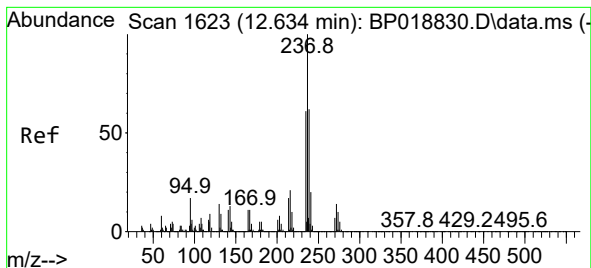
216 100

214 78.7 63.9 95.9

179 20.0 16.3 24.5

108 15.0 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 19.875 ng/ul

RT: 12.634 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

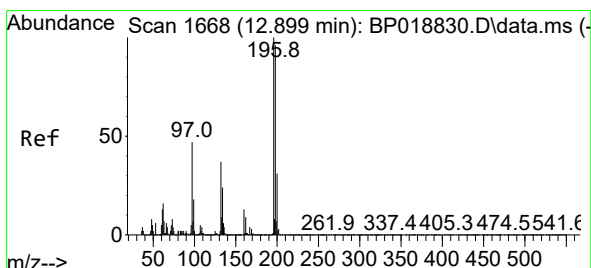
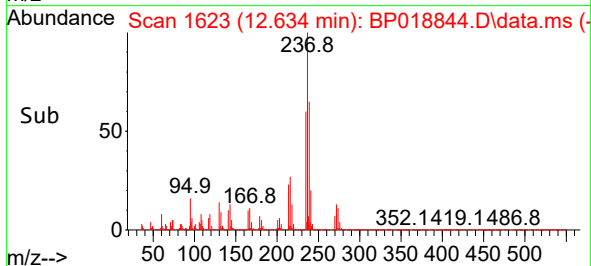
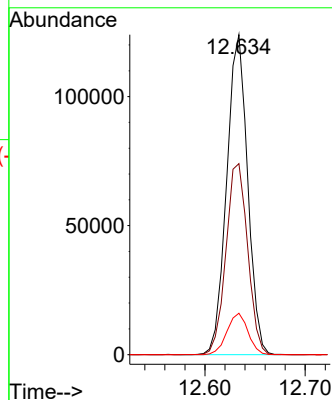
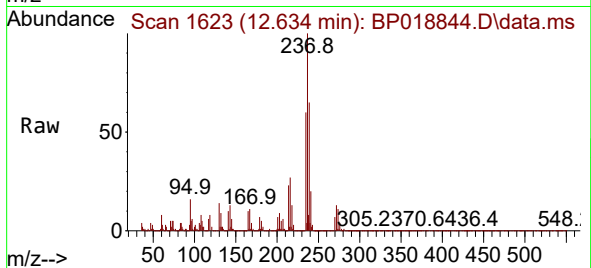
Tgt Ion:237 Resp: 180000

Ion Ratio Lower Upper

237 100

235 59.7 49.4 74.0

272 13.7 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 21.822 ng/ul

RT: 12.899 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

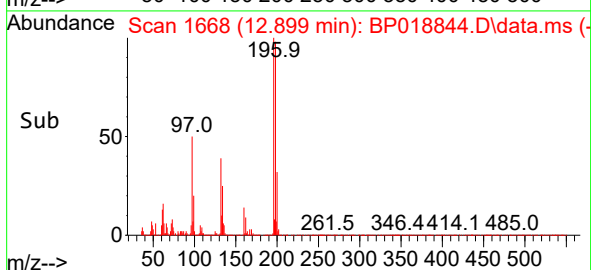
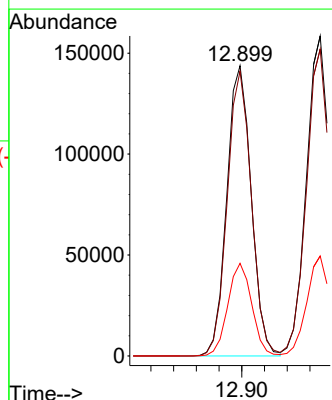
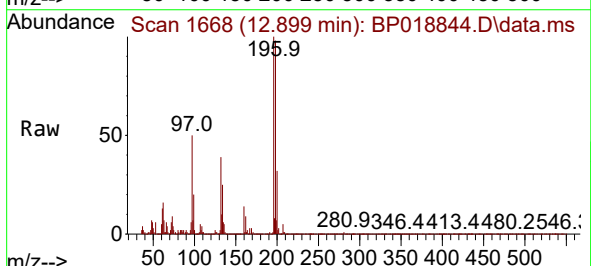
Tgt Ion:196 Resp: 214497

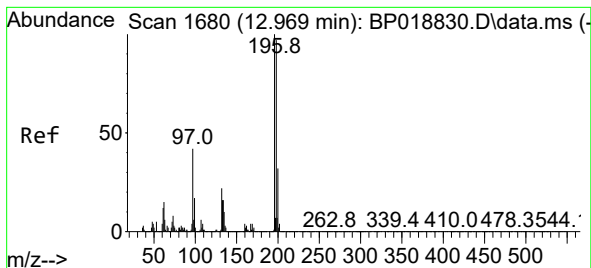
Ion Ratio Lower Upper

196 100

198 98.1 76.9 115.3

200 31.9 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 21.816 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

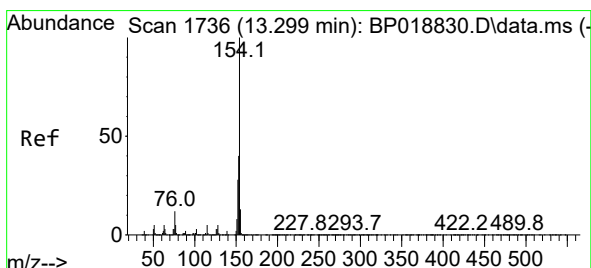
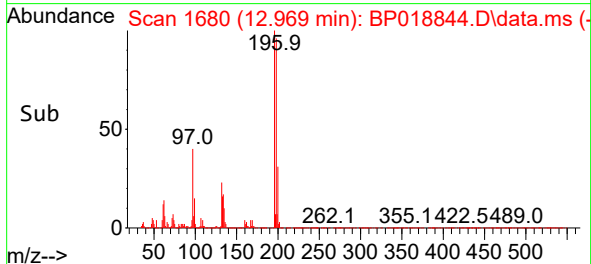
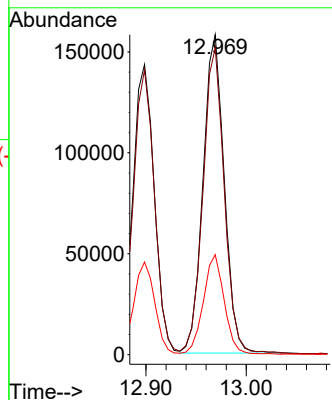
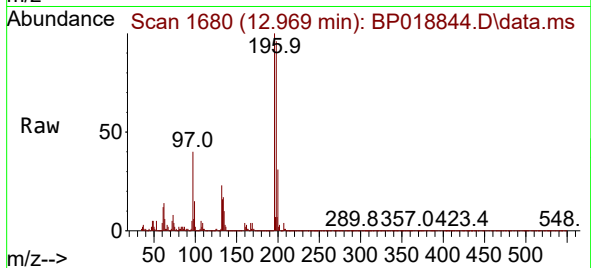
Tgt Ion:196 Resp: 232472

Ion Ratio Lower Upper

196 100

198 95.9 77.9 116.9

200 31.2 25.2 37.8



#43

1,1'-Biphenyl

Concen: 21.762 ng/ul

RT: 13.299 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

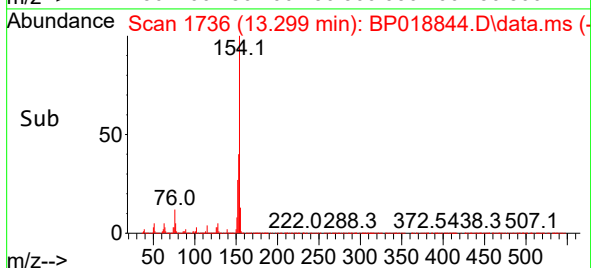
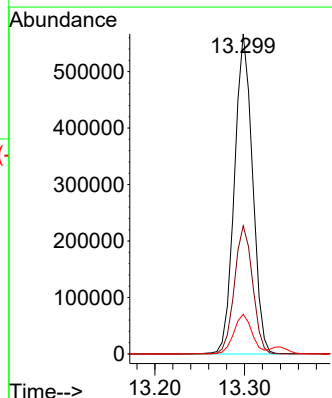
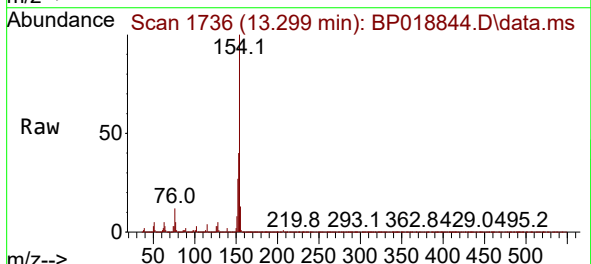
Tgt Ion:154 Resp: 792615

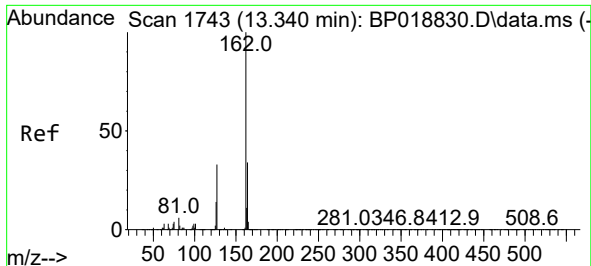
Ion Ratio Lower Upper

154 100

153 40.1 32.8 49.2

76 12.4 10.7 16.1

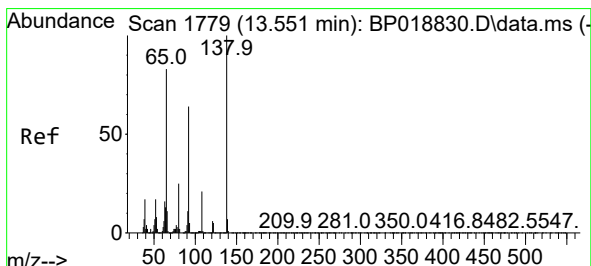
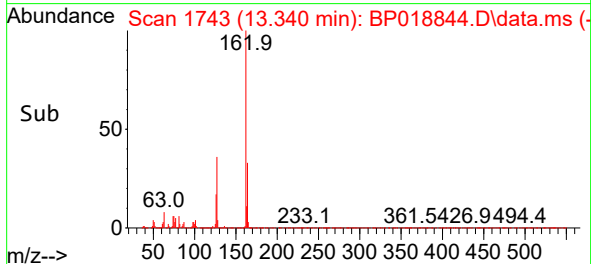
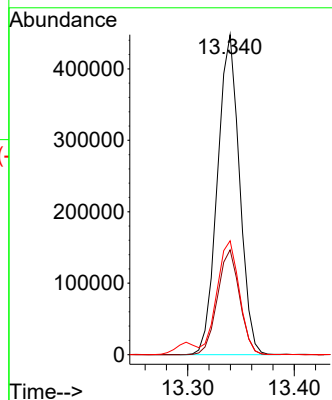
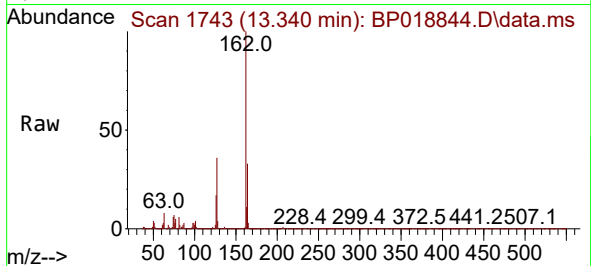




#44
2-Chloronaphthalene
Concen: 22.372 ng/ul
RT: 13.340 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

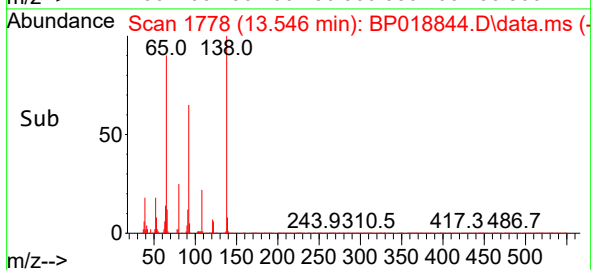
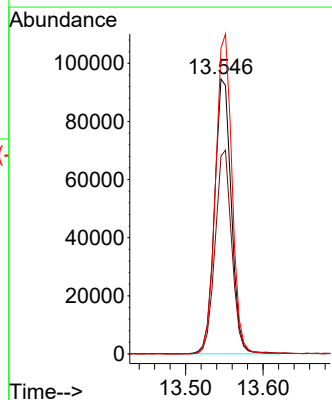
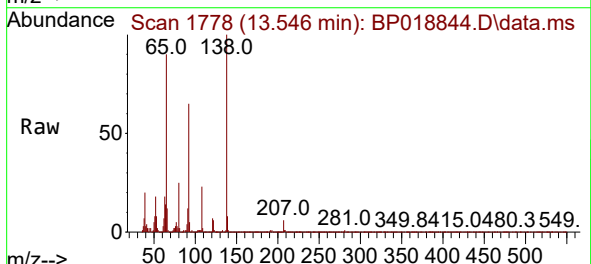
Instrument :
BNA_P
ClientSampleId :

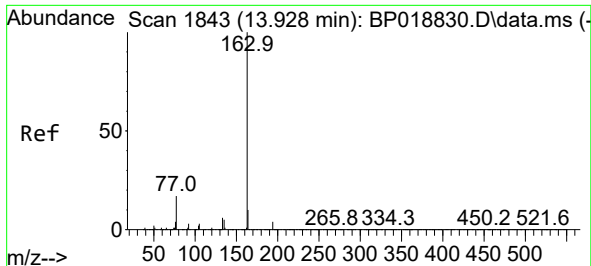
Tgt Ion:162 Resp: 643583
Ion Ratio Lower Upper
162 100
164 32.8 25.7 38.5
127 35.6 30.3 45.5



#45
2-Nitroaniline
Concen: 18.245 ng/ul
RT: 13.546 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion: 65 Resp: 142283
Ion Ratio Lower Upper
65 100
92 72.0 56.9 85.3
138 111.3 88.2 132.2

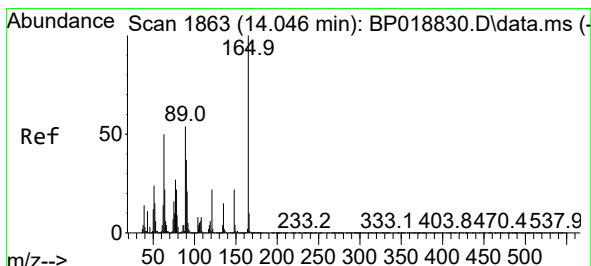
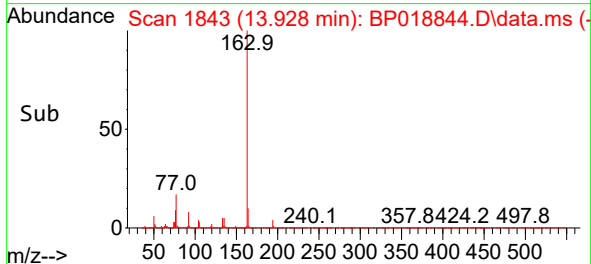
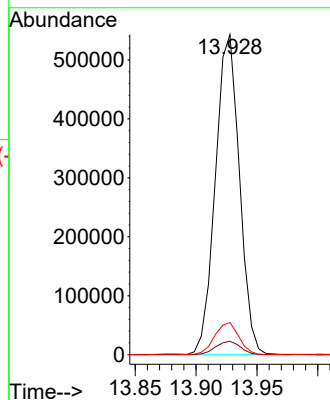
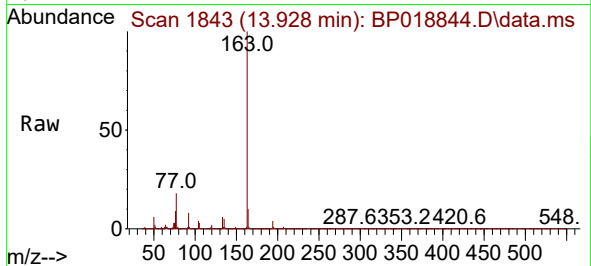




#47
Dimethylphthalate
Concen: 20.140 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

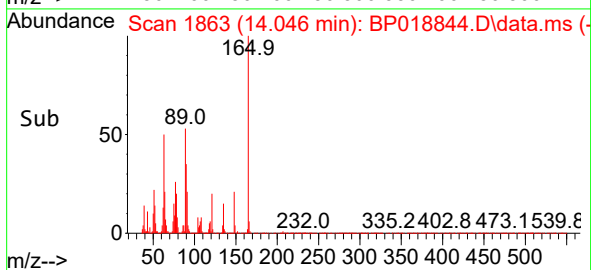
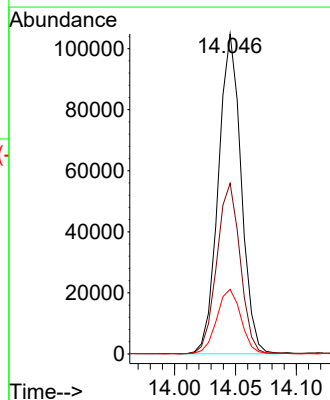
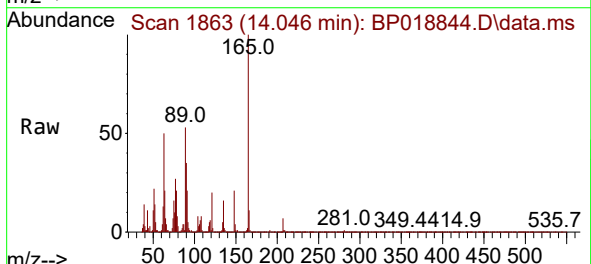
Instrument :
BNA_P
ClientSampleId :

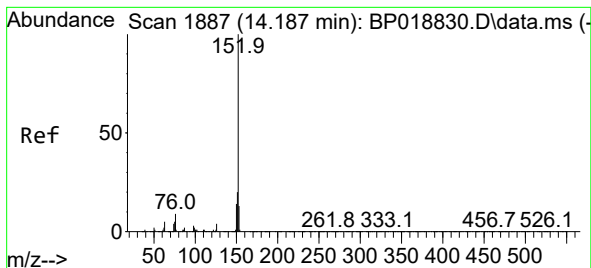
Tgt Ion:163 Resp: 745141
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 19.551 ng/ul
RT: 14.046 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:165 Resp: 136666
Ion Ratio Lower Upper
165 100
89 53.3 46.6 70.0
121 20.2 17.3 25.9





#50

Acenaphthylene

Concen: 21.177 ng/ul

RT: 14.181 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

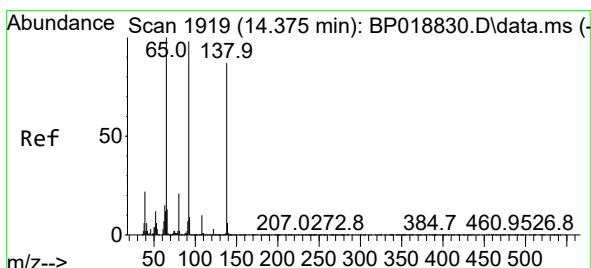
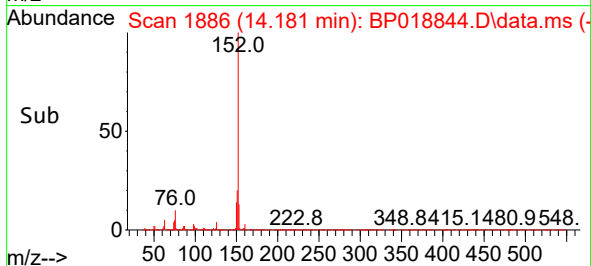
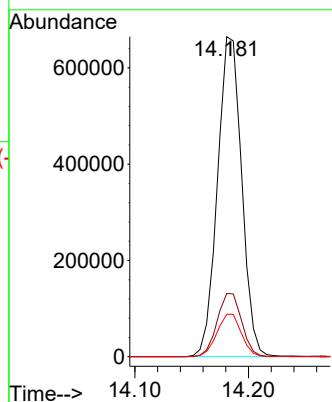
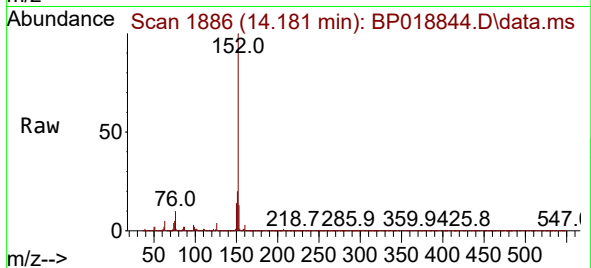
Tgt Ion:152 Resp: 985423

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.3 10.6 16.0



#51

3-Nitroaniline

Concen: 20.250 ng/ul

RT: 14.375 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

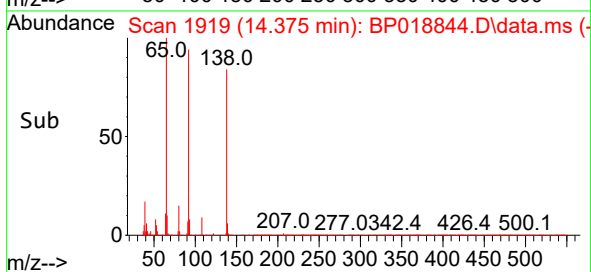
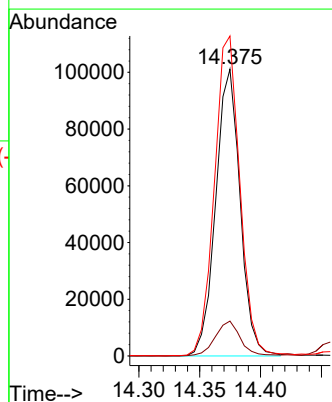
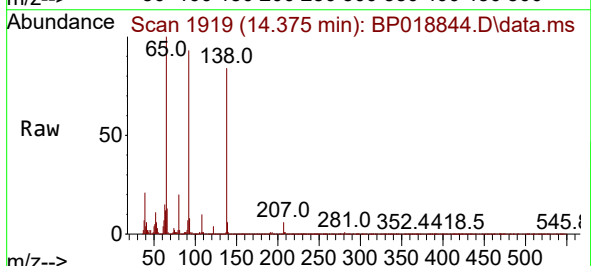
Tgt Ion:138 Resp: 141303

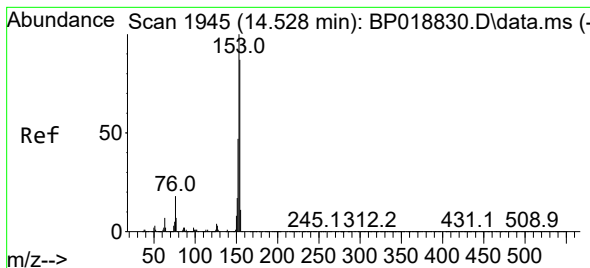
Ion Ratio Lower Upper

138 100

108 12.2 9.5 14.3

92 111.6 93.1 139.7





#52

Acenaphthene

Concen: 21.374 ng/ul

RT: 14.522 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

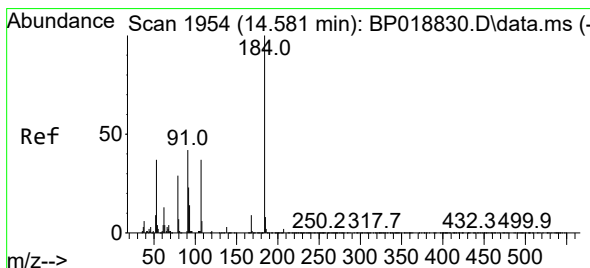
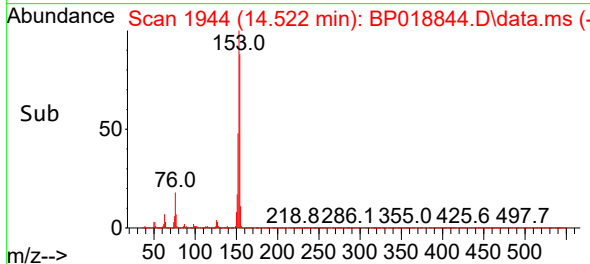
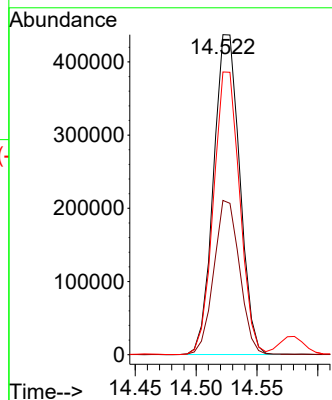
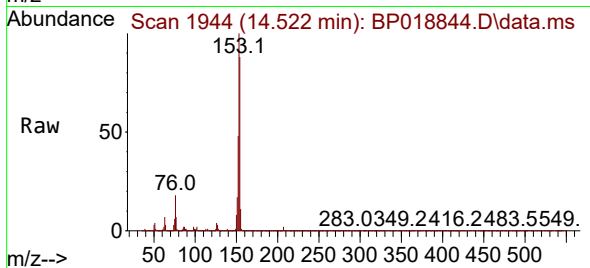
Tgt Ion:153 Resp: 657625

Ion Ratio Lower Upper

153 100

152 48.2 38.1 57.1

154 88.3 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 17.028 ng/ul

RT: 14.581 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

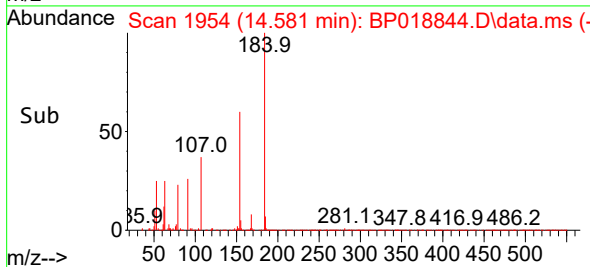
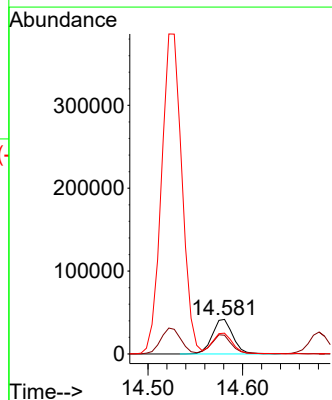
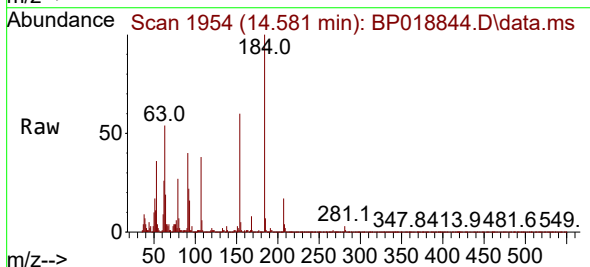
Tgt Ion:184 Resp: 63086

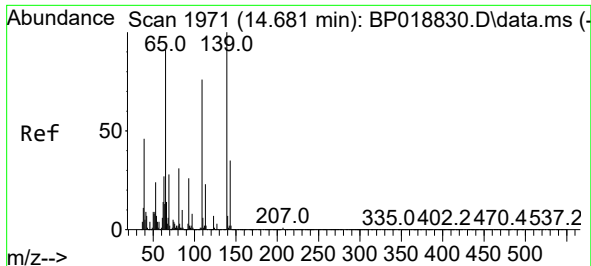
Ion Ratio Lower Upper

184 100

63 54.2 48.2 72.4

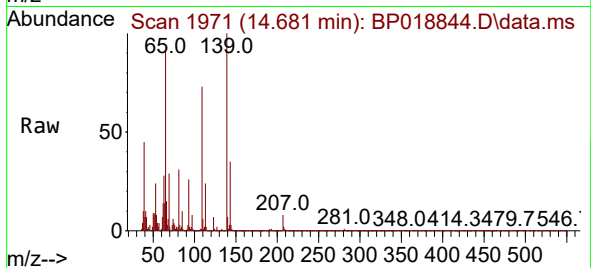
154 60.0 49.1 73.7



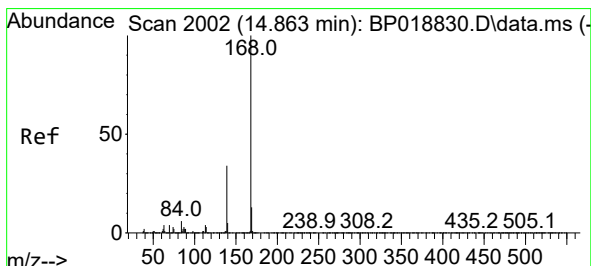
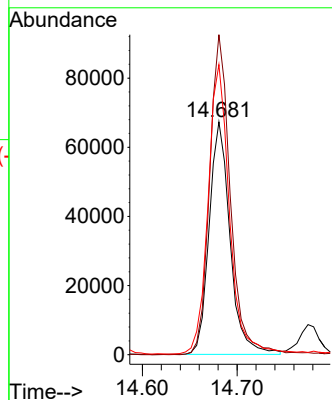
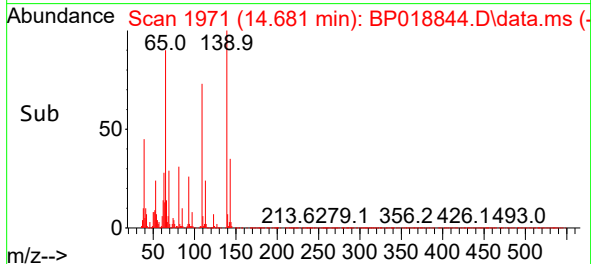


#55
4-Nitrophenol
Concen: 22.090 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Instrument :
BNA_P
ClientSampleId :

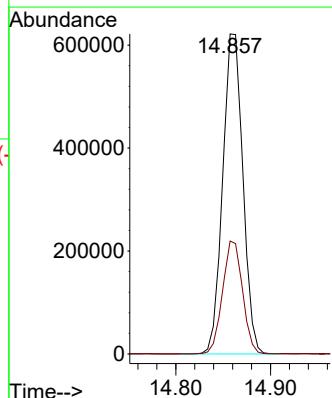
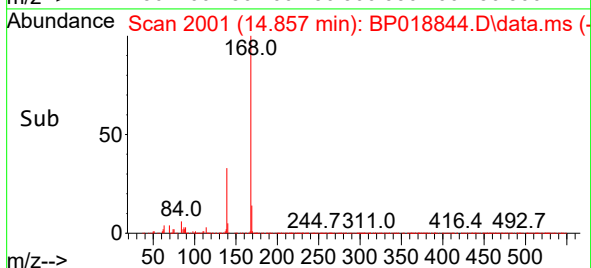
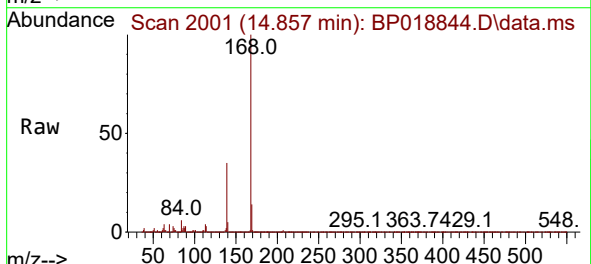


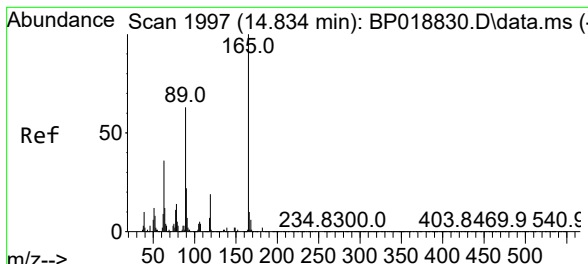
Tgt Ion:109 Resp: 102966
Ion Ratio Lower Upper
109 100
139 137.5 109.0 163.4
65 124.6 106.2 159.4



#56
Dibenzofuran
Concen: 21.545 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:168 Resp: 921318
Ion Ratio Lower Upper
168 100
139 35.3 29.1 43.7



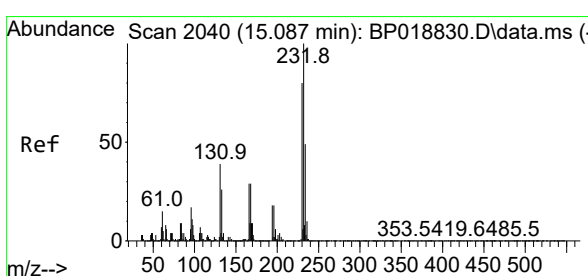
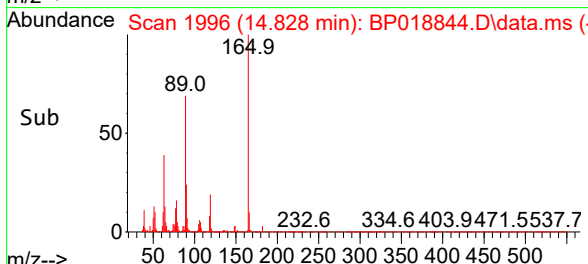
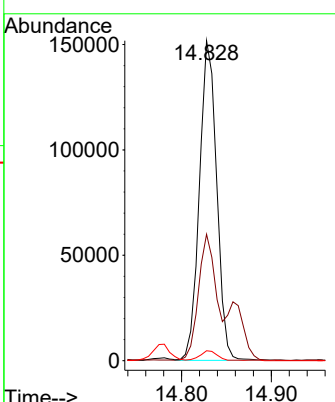
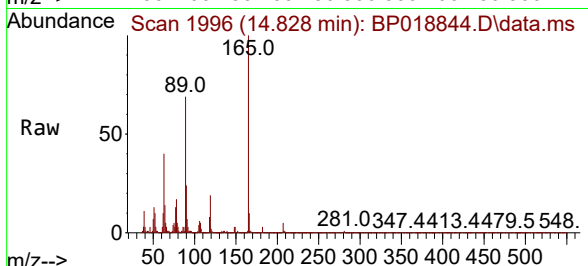


#57
 2,4-Dinitrotoluene
 Concen: 20.601 ng/ul
 RT: 14.828 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BP018844.D
 Acq: 14 Dec 2023 15:53

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:165 Resp: 202562

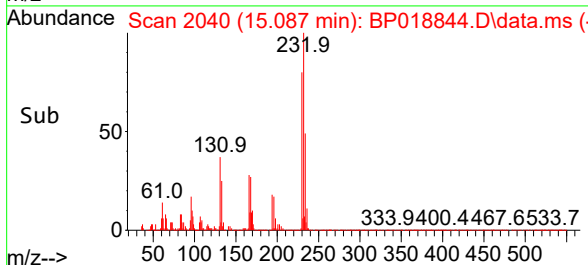
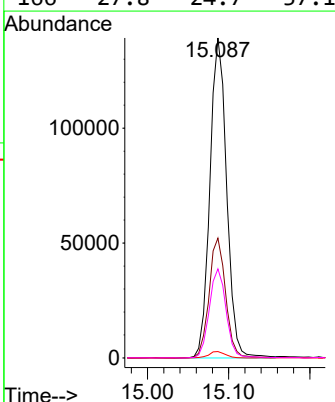
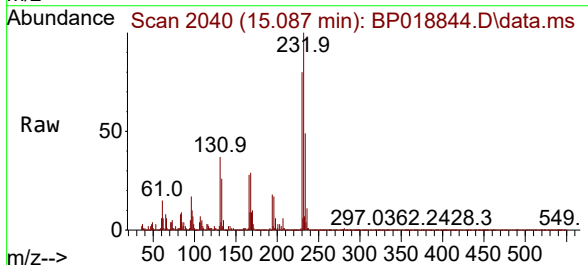
Ion	Ratio	Lower	Upper
165	100		
63	39.5	32.7	49.1
182	3.1	2.1	3.1

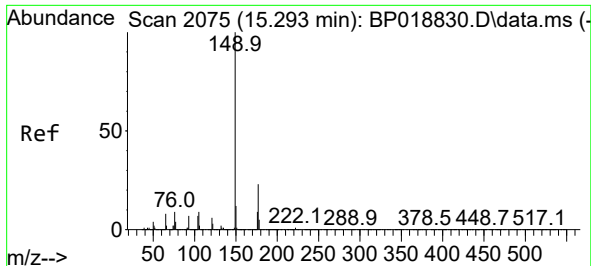


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.389 ng/ul
 RT: 15.087 min Scan# 2040
 Delta R.T. -0.006 min
 Lab File: BP018844.D
 Acq: 14 Dec 2023 15:53

Tgt Ion:232 Resp: 200125

Ion	Ratio	Lower	Upper
232	100		
131	37.4	33.8	50.8
130	2.0	1.8	2.8
166	27.8	24.7	37.1

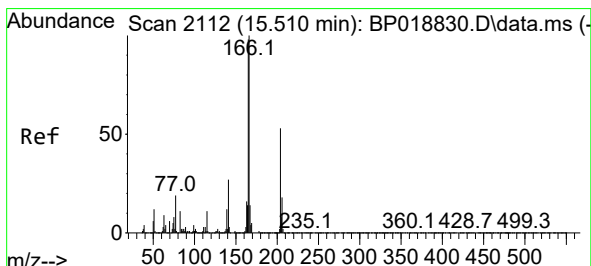
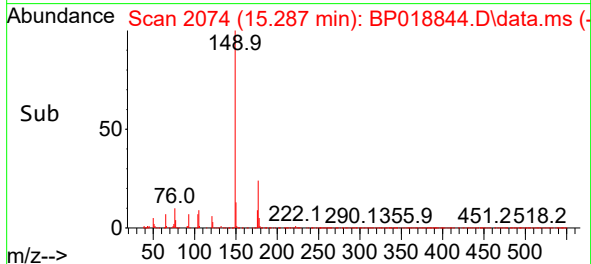
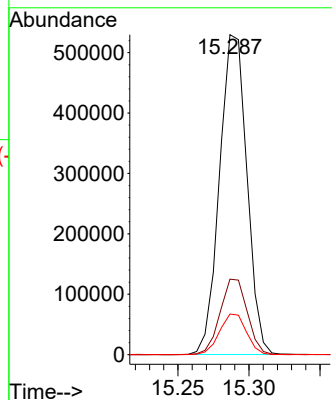
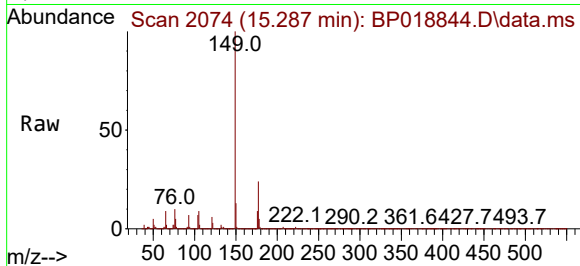




#59
Diethylphthalate
Concen: 19.627 ng/ul
RT: 15.287 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

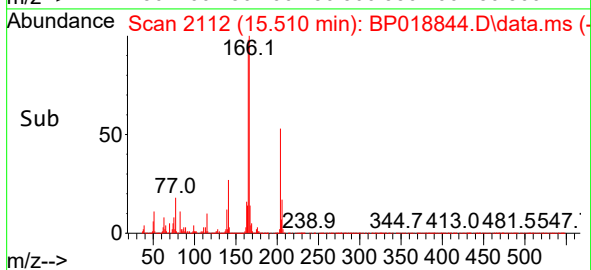
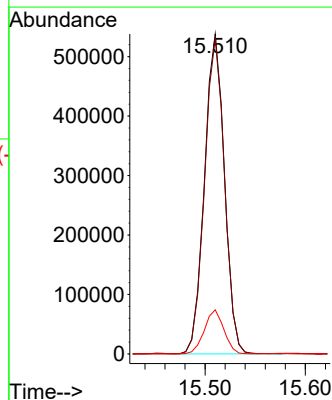
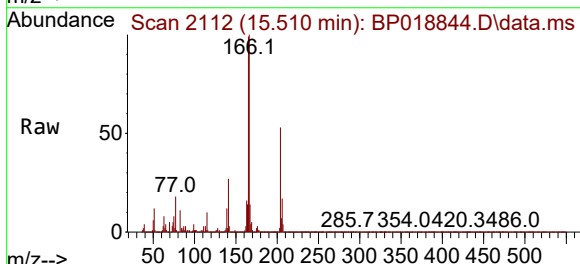
Instrument :
BNA_P
ClientSampleId :

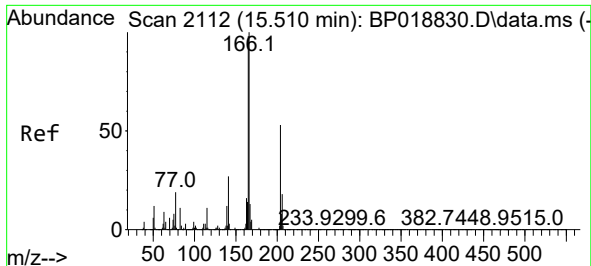
Tgt Ion:149 Resp: 710592
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.7 9.9 14.9



#61
Fluorene
Concen: 22.044 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:166 Resp: 745879
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 13.8 10.8 16.2

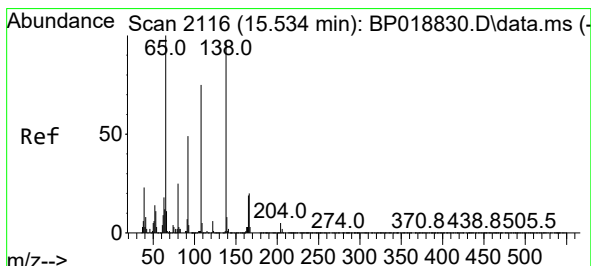
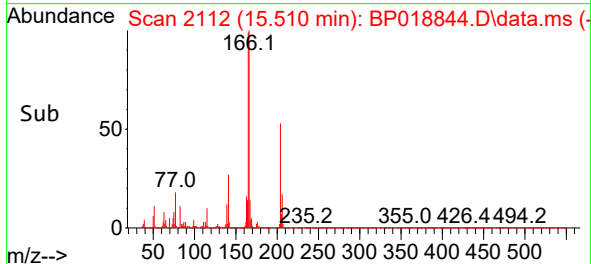
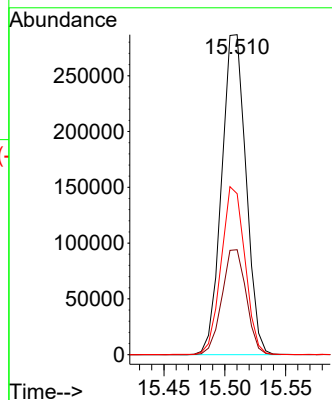
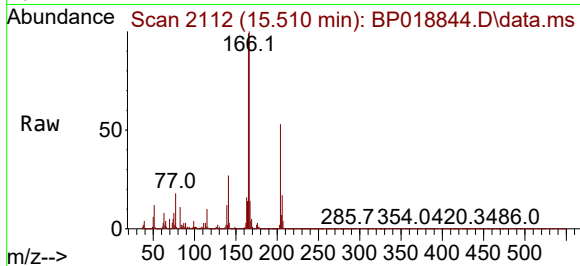




#62
4-Chlorophenyl-phenylether
Concen: 22.519 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

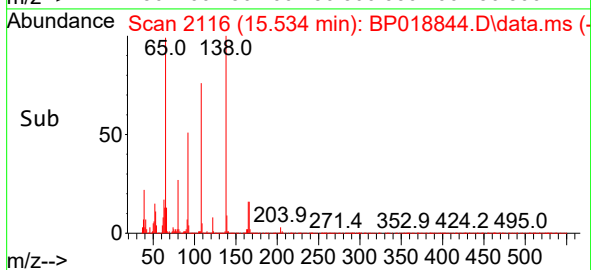
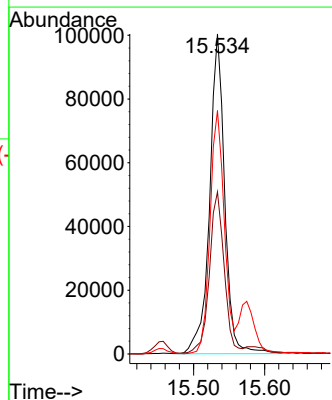
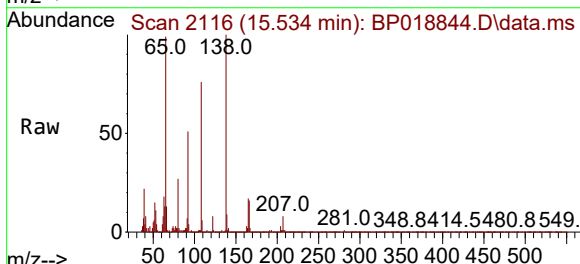
Instrument :
BNA_P
ClientSampleId :

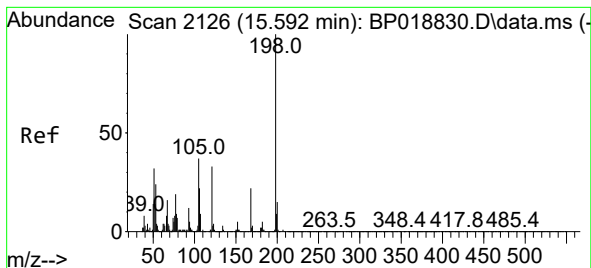
Tgt Ion:204 Resp: 399628
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 50.3 45.8 68.8



#63
4-Nitroaniline
Concen: 22.358 ng/ul
RT: 15.534 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:138 Resp: 148628
Ion Ratio Lower Upper
138 100
92 50.7 42.3 63.5
108 76.1 62.0 93.0

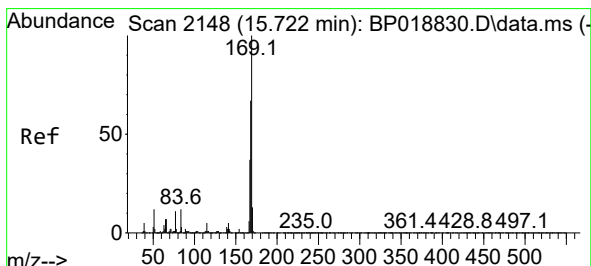
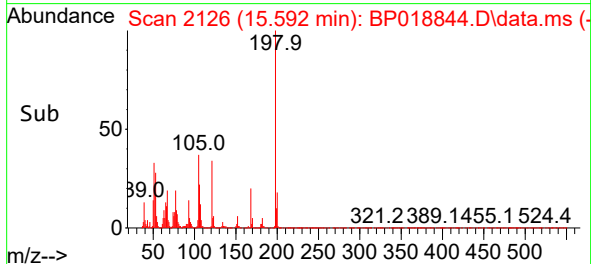
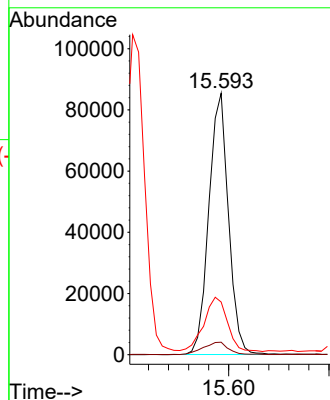
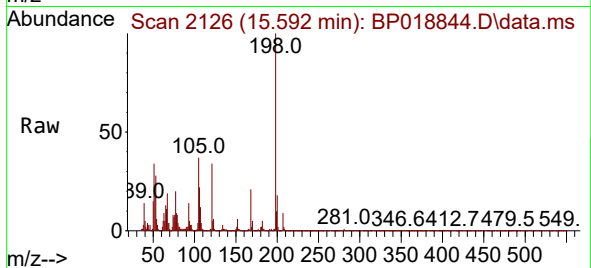




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.737 ng/ul
 RT: 15.592 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BP018844.D
 Acq: 14 Dec 2023 15:53

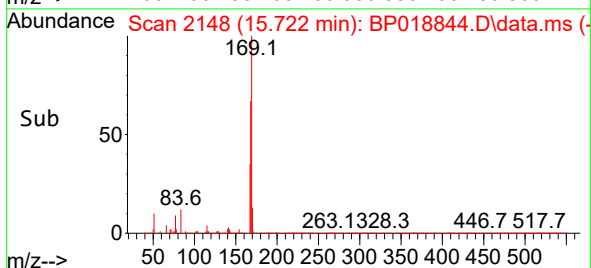
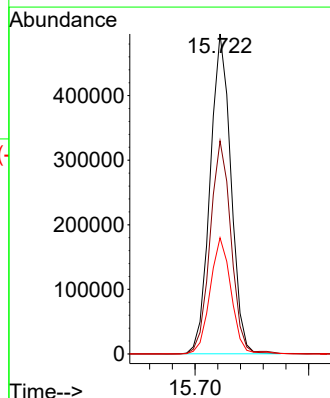
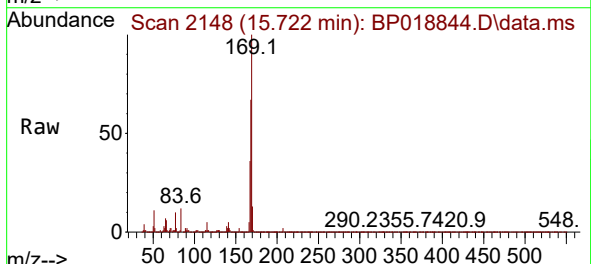
Instrument :
 BNA_P
 ClientSampleId :

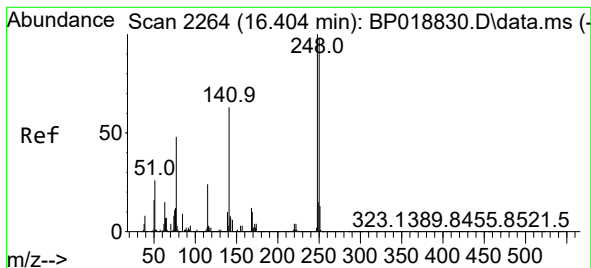
Tgt Ion:198 Resp: 115987
 Ion Ratio Lower Upper
 198 100
 182 4.8 3.4 5.2
 77 20.1 20.6 30.8#



#67
 N-Nitrosodiphenylamine
 Concen: 19.678 ng/ul
 RT: 15.722 min Scan# 2148
 Delta R.T. -0.006 min
 Lab File: BP018844.D
 Acq: 14 Dec 2023 15:53

Tgt Ion:169 Resp: 629667
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.1 79.7
 167 36.3 29.1 43.7

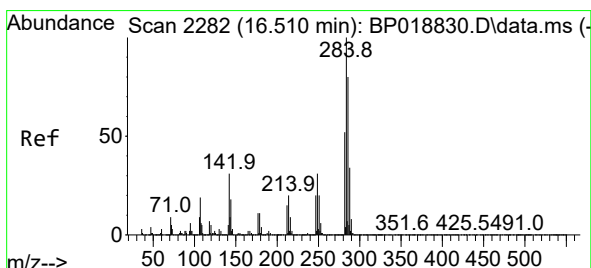
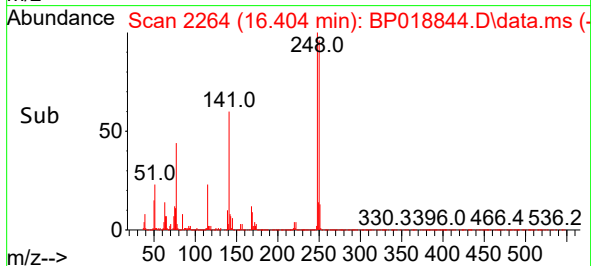
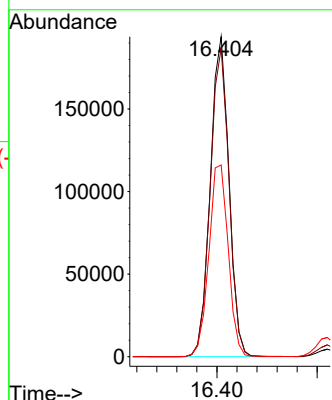
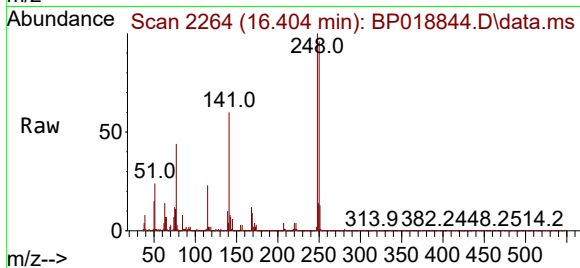




#68
4-Bromophenyl-phenylether
Concen: 20.548 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

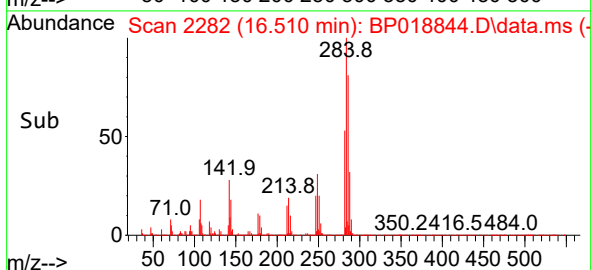
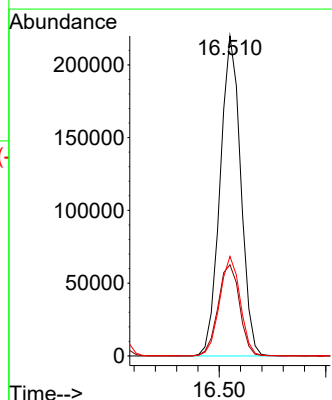
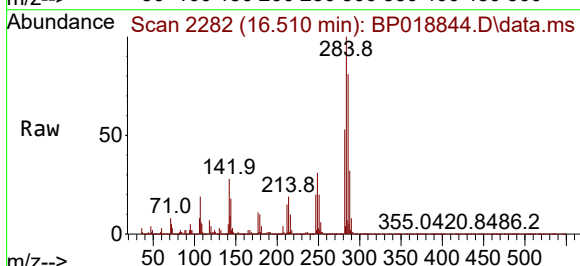
Instrument :
BNA_P
ClientSampleId :

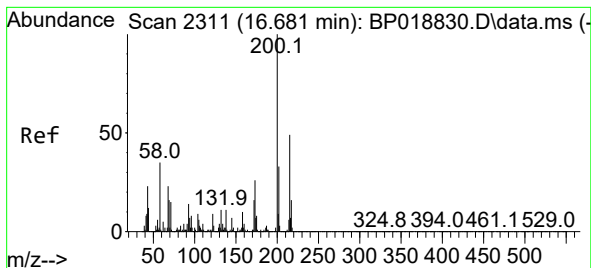
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	79.3	118.9
141	59.9	57.2	85.8



#69
Hexachlorobenzene
Concen: 21.649 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	25.8	38.6
249	31.1	24.9	37.3





#70

Atrazine

Concen: 18.686 ng/ul

RT: 16.675 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

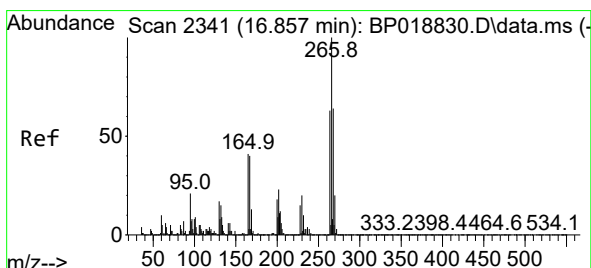
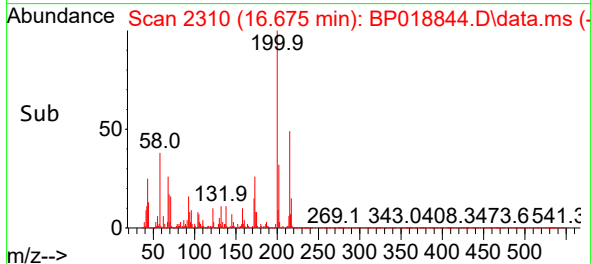
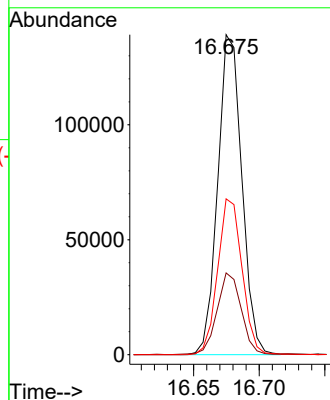
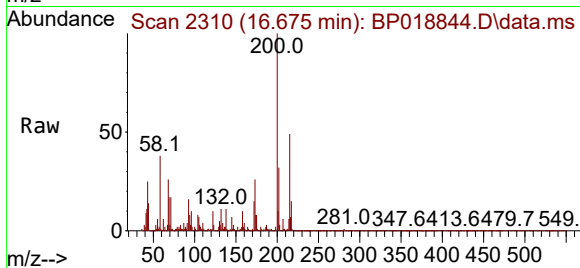
Tgt Ion:200 Resp: 177762

Ion Ratio Lower Upper

200 100

173 25.6 21.0 31.4

215 48.7 38.2 57.2



#71

Pentachlorophenol

Concen: 22.016 ng/ul

RT: 16.857 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

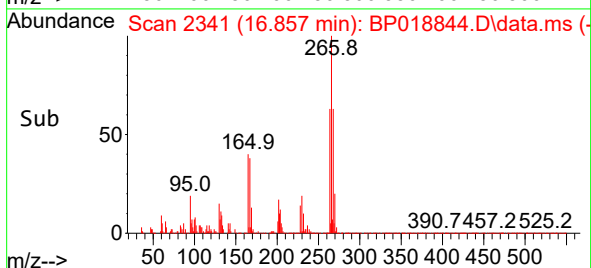
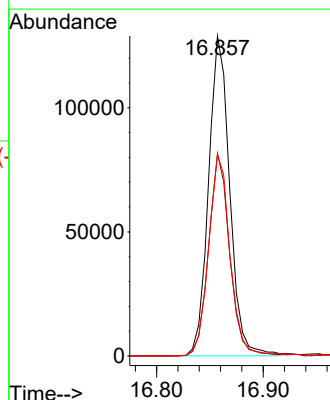
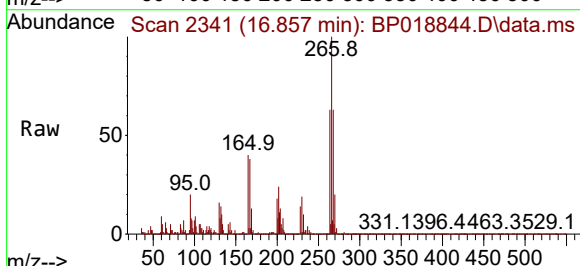
Tgt Ion:266 Resp: 178214

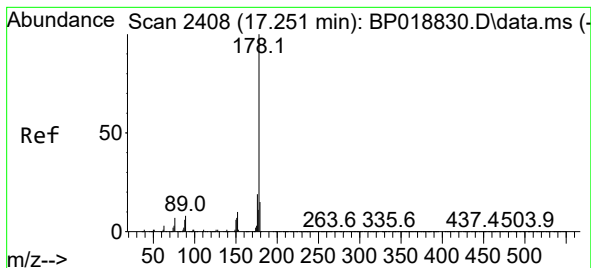
Ion Ratio Lower Upper

266 100

264 63.3 50.2 75.2

268 62.9 50.5 75.7





#72

Phenanthrene

Concen: 21.350 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

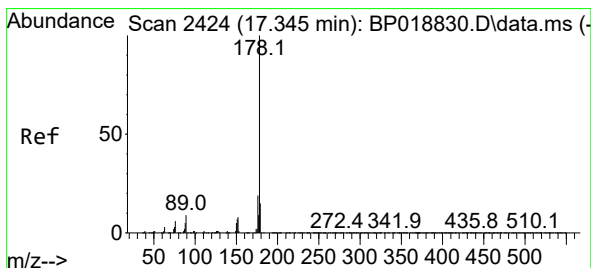
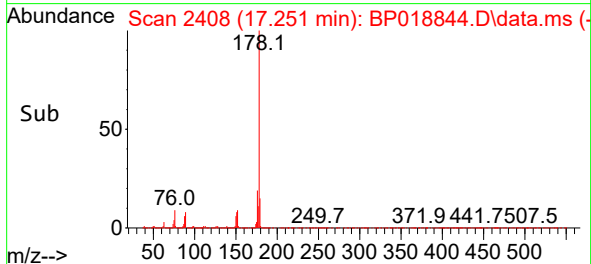
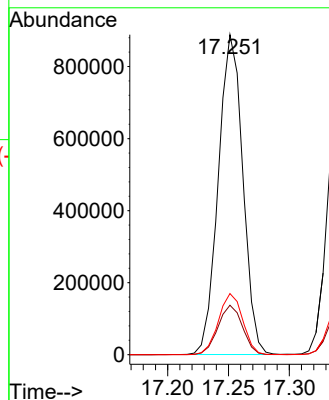
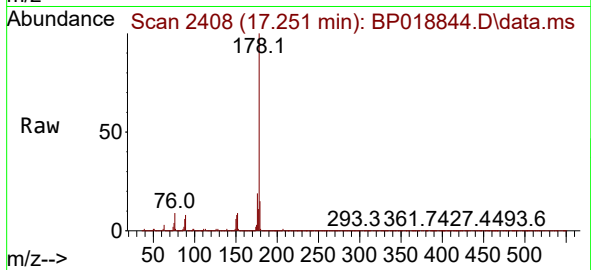
Tgt Ion:178 Resp: 1245137

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.1 15.4 23.2



#74

Anthracene

Concen: 21.725 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

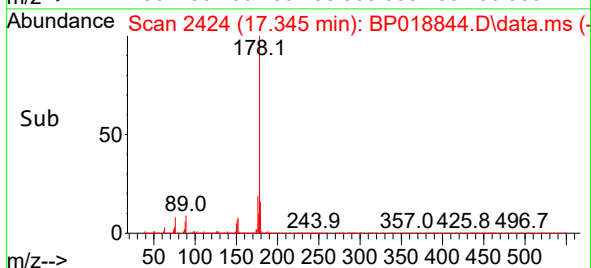
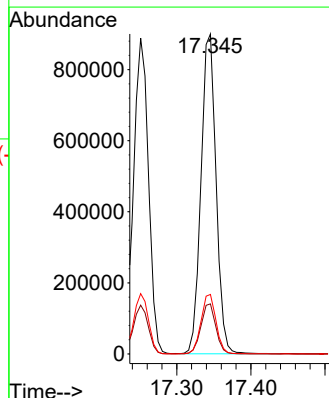
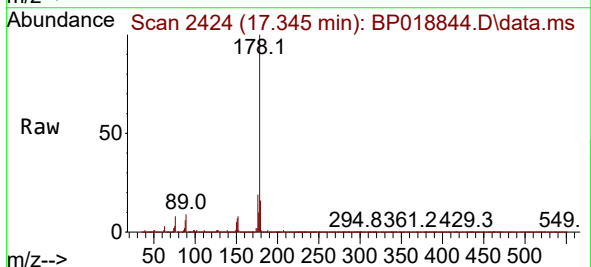
Tgt Ion:178 Resp: 1269998

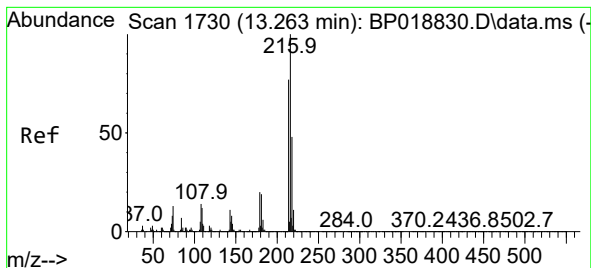
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.6 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.854 ng/uL

RT: 13.257 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

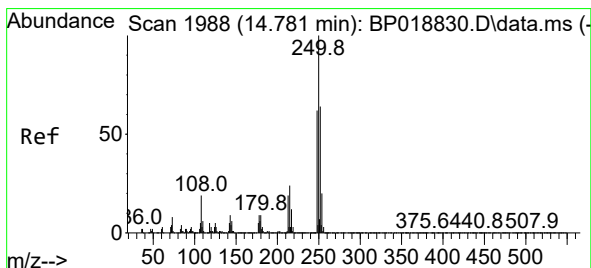
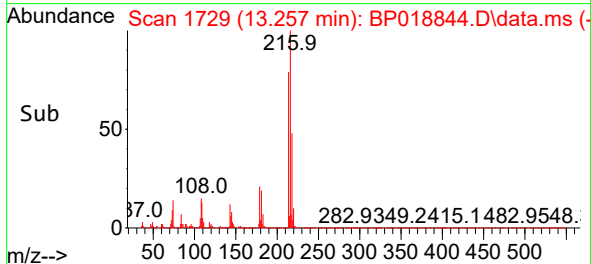
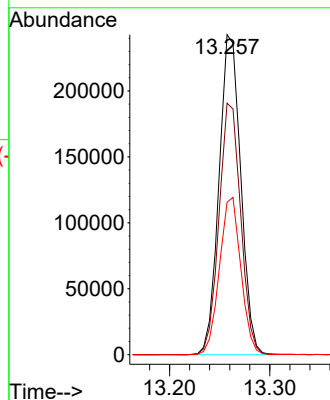
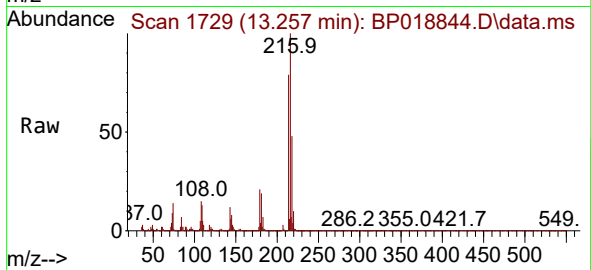
Tgt Ion:216 Resp: 364897

Ion Ratio Lower Upper

216 100

214 78.6 61.4 92.2

218 47.7 39.2 58.8



#76

Pentachlorobenzene

Concen: 21.154 ng/uL

RT: 14.781 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

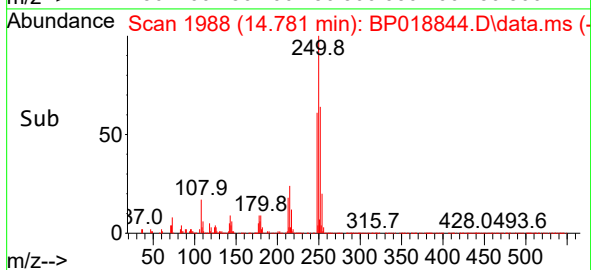
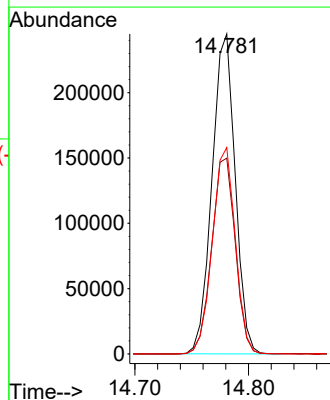
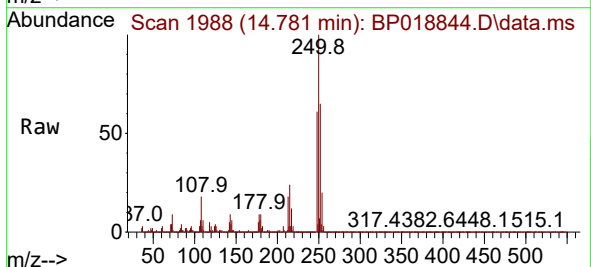
Tgt Ion:250 Resp: 346959

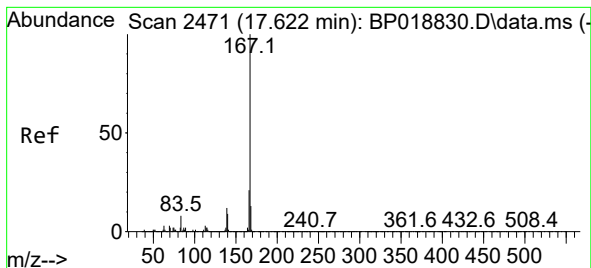
Ion Ratio Lower Upper

250 100

248 61.2 50.6 75.8

252 64.5 51.3 76.9





#77

Carbazole

Concen: 24.443 ng/ul

RT: 17.616 min Scan# 2471

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

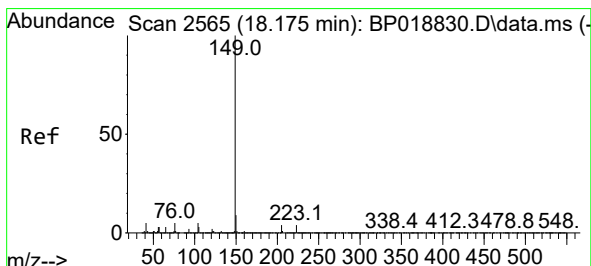
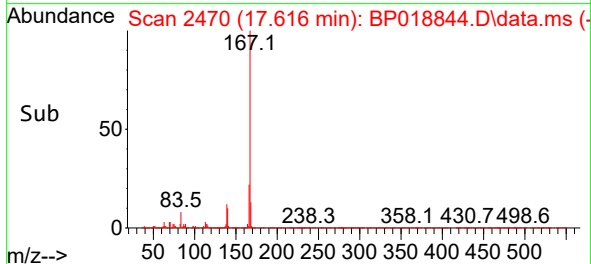
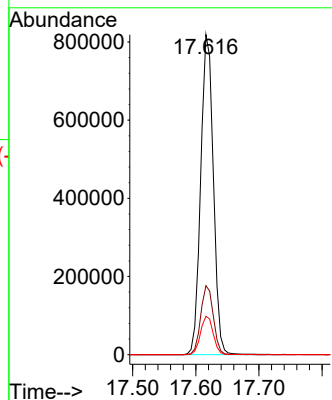
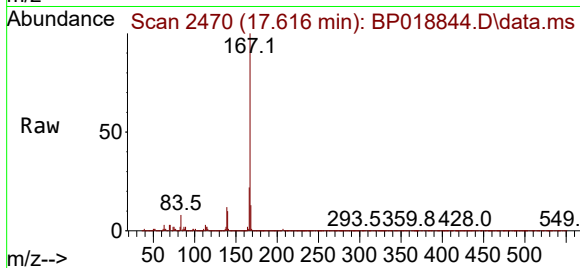
Tgt Ion:167 Resp: 1138819

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 20.159 ng/ul

RT: 18.175 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

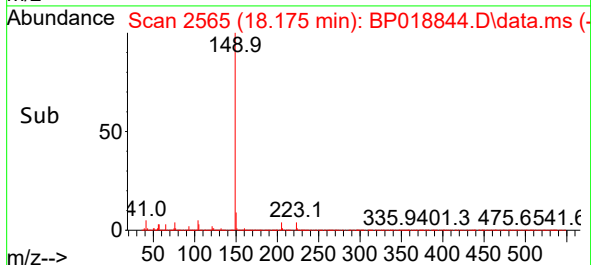
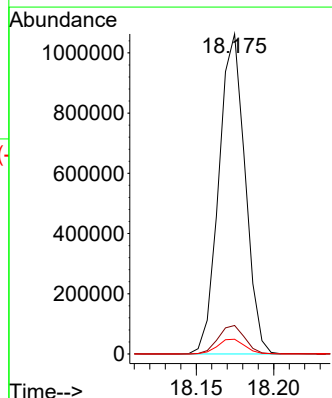
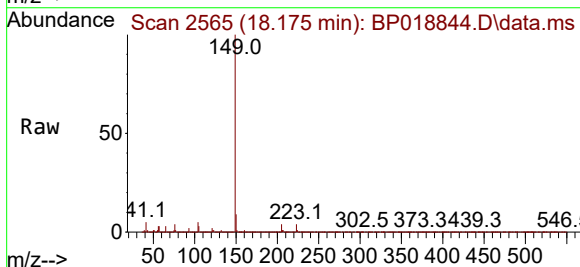
Tgt Ion:149 Resp: 1250651

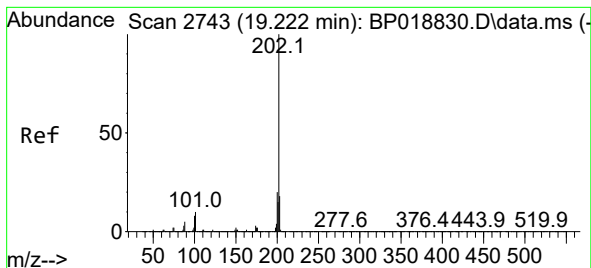
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.6 3.9 5.9

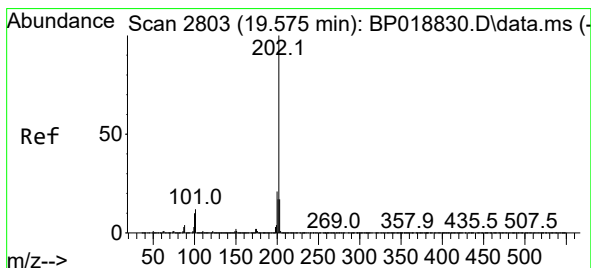
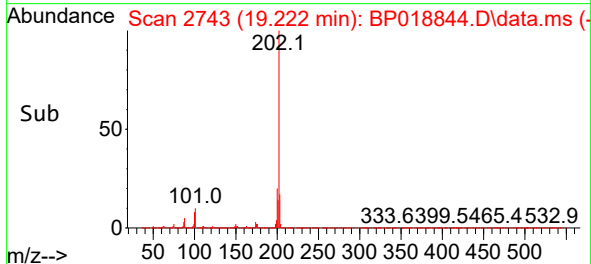
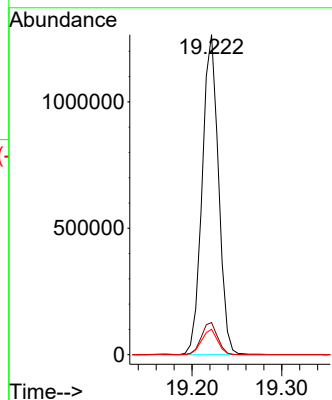
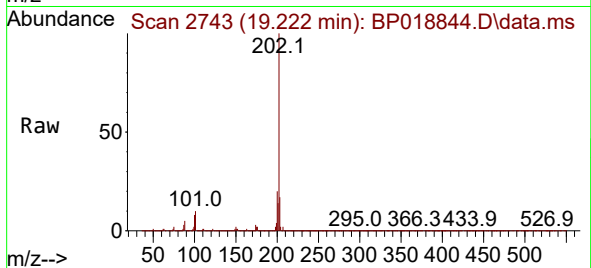




#80
Fluoranthene
Concen: 17.265 ng/ul
RT: 19.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

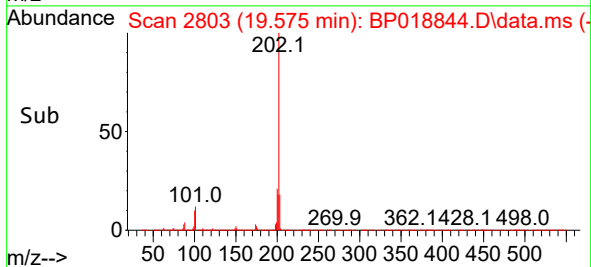
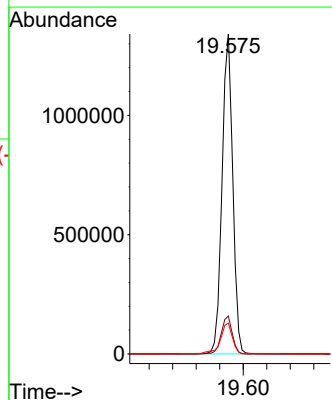
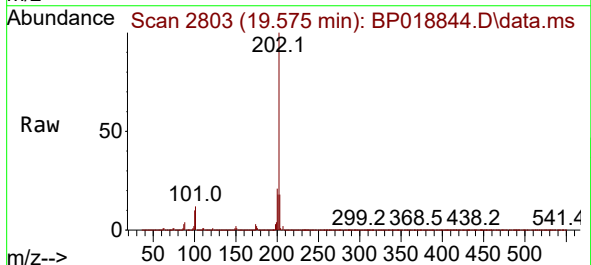
Instrument :
BNA_P
ClientSampleId :

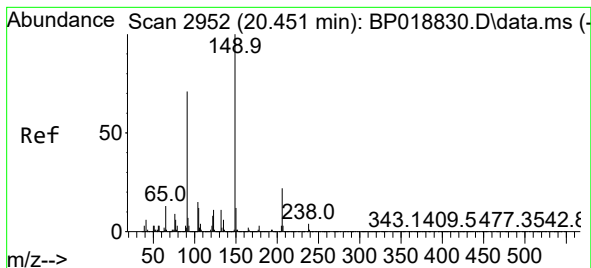
Tgt Ion:202 Resp: 1594042
Ion Ratio Lower Upper
202 100
101 10.1 9.1 13.7
100 8.0 7.1 10.7



#82
Pyrene
Concen: 18.116 ng/ul
RT: 19.575 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BP018844.D
Acq: 14 Dec 2023 15:53

Tgt Ion:202 Resp: 1687329
Ion Ratio Lower Upper
202 100
101 11.8 11.0 16.4
100 9.6 9.1 13.7





#83

Butylbenzylphthalate

Concen: 17.784 ng/ul

RT: 20.451 min Scan# 2952

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

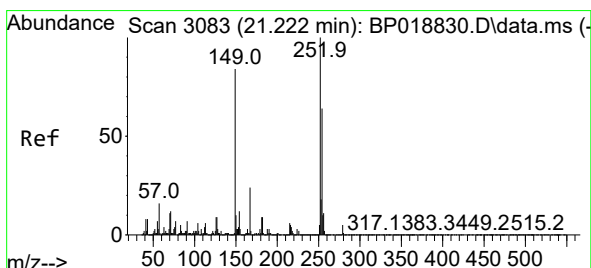
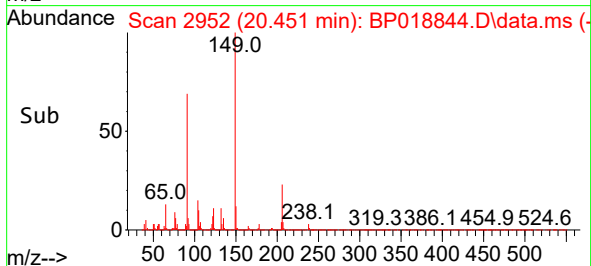
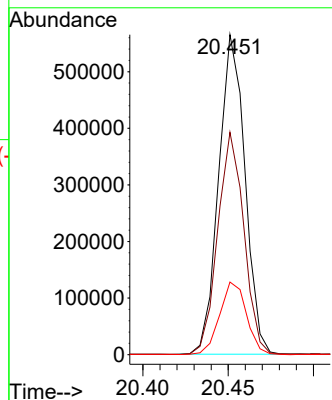
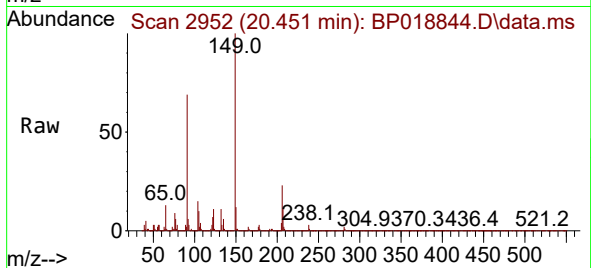
Tgt Ion:149 Resp: 606399

Ion Ratio Lower Upper

149 100

91 69.5 56.6 85.0

206 22.7 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 24.406 ng/ul

RT: 21.222 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

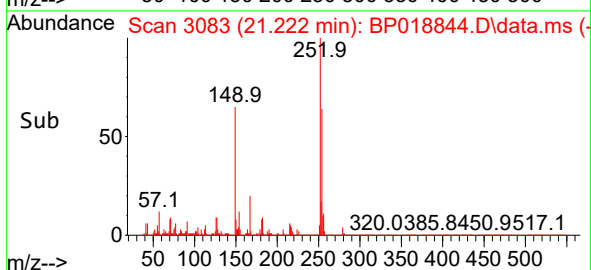
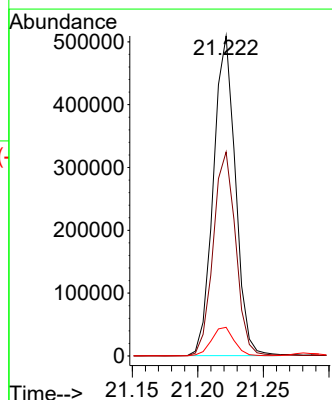
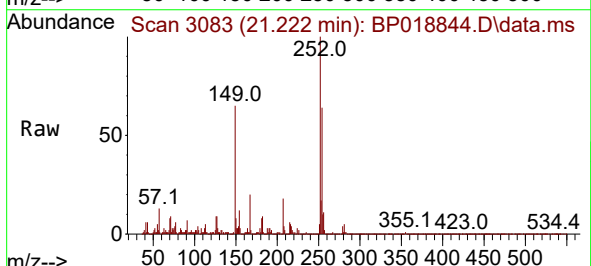
Tgt Ion:252 Resp: 595105

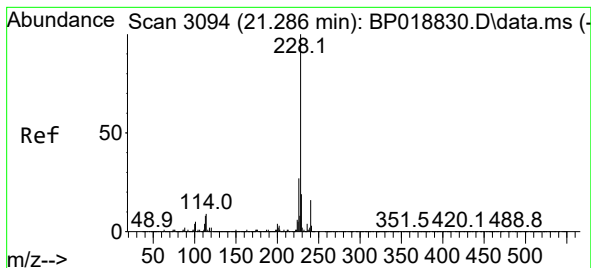
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.4

126 9.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 21.703 ng/ul

RT: 21.280 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

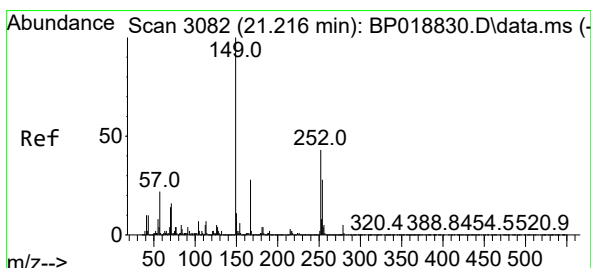
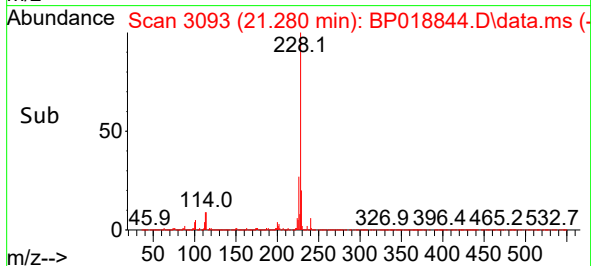
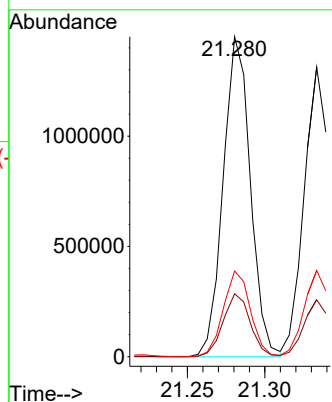
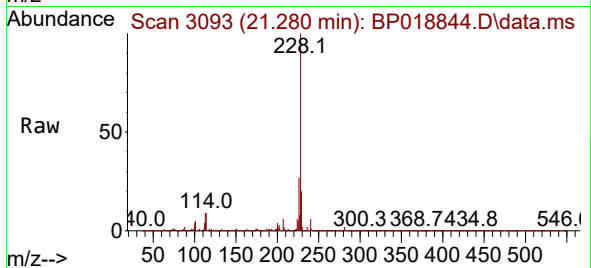
Tgt Ion:228 Resp: 1767596

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 26.8 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.473 ng/ul

RT: 21.210 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

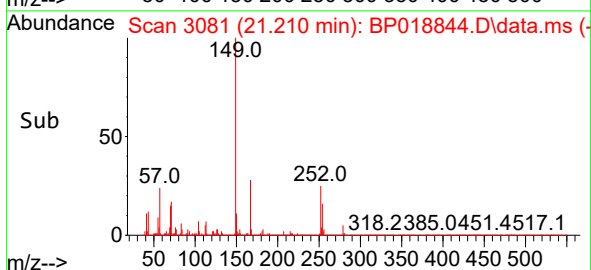
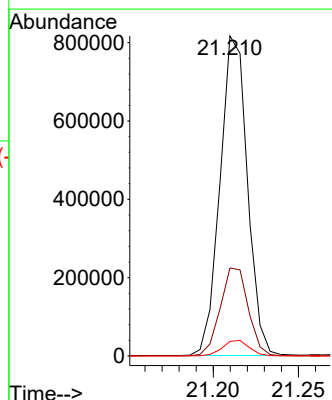
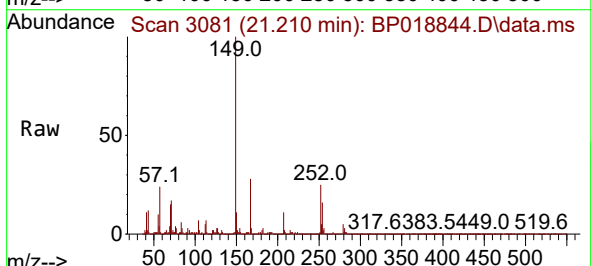
Tgt Ion:149 Resp: 912610

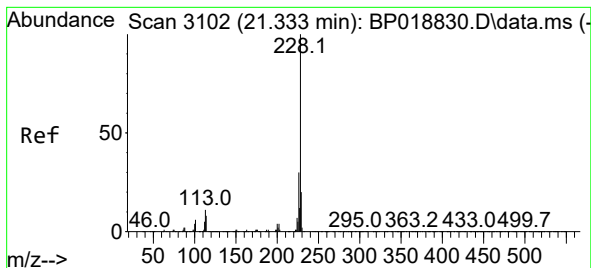
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.5 3.3 4.9





#87

Chrysene

Concen: 20.605 ng/ul

RT: 21.333 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

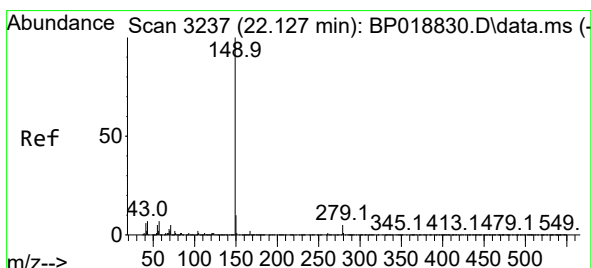
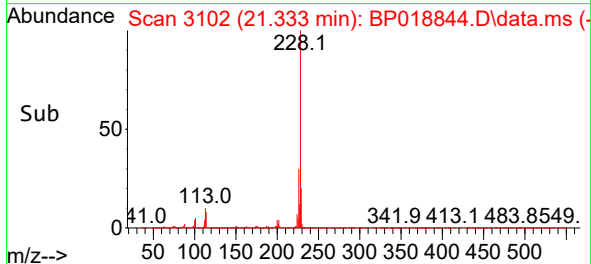
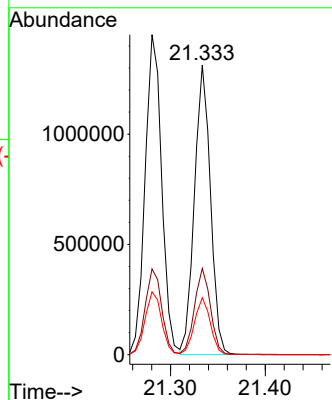
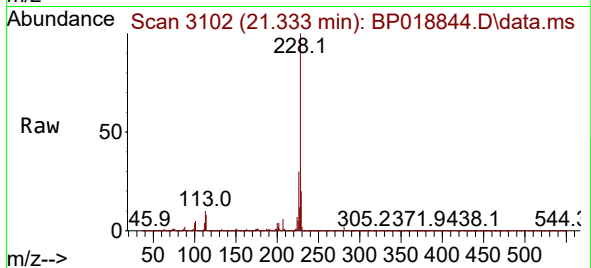
Tgt Ion:228 Resp: 1545427

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.7 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 14.850 ng/ul

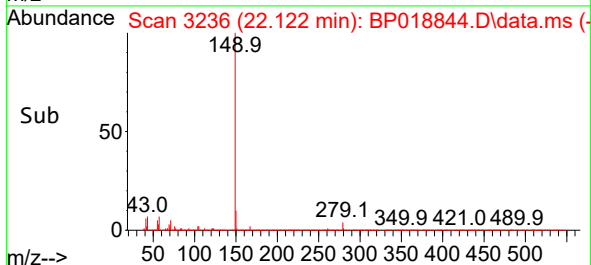
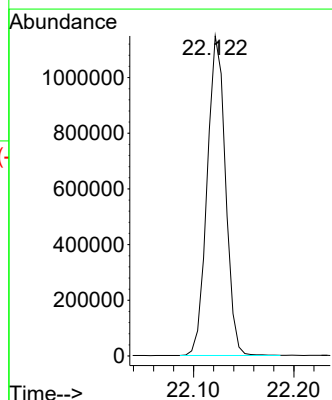
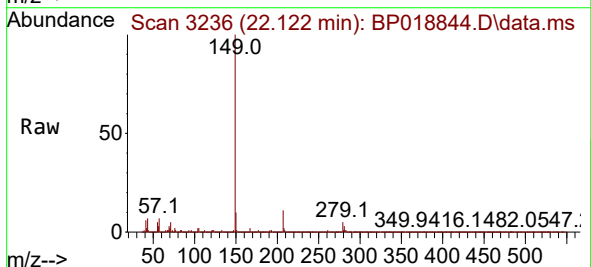
RT: 22.122 min Scan# 3236

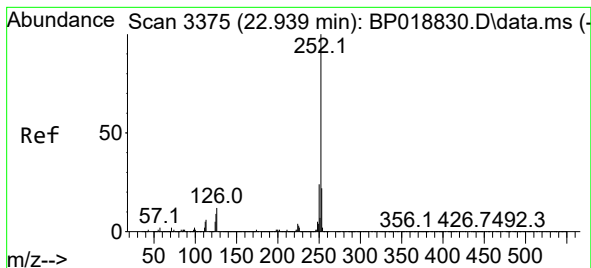
Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Tgt Ion:149 Resp: 1455658





#90

Benzo(b)fluoranthene

Concen: 20.379 ng/ul

RT: 22.939 min Scan# 3375

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

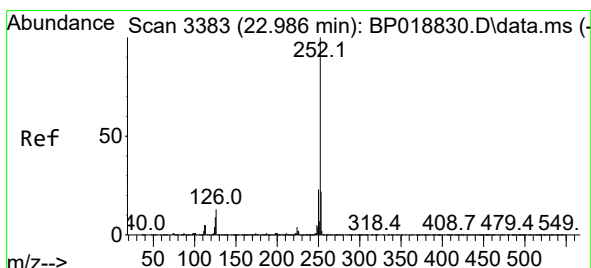
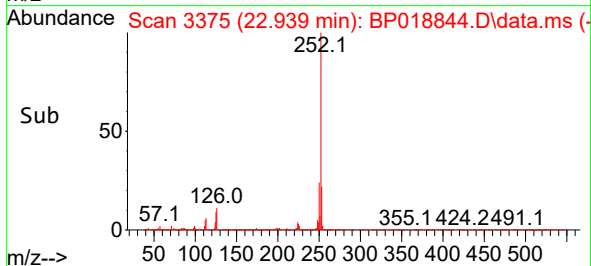
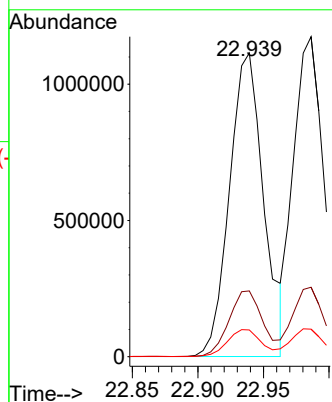
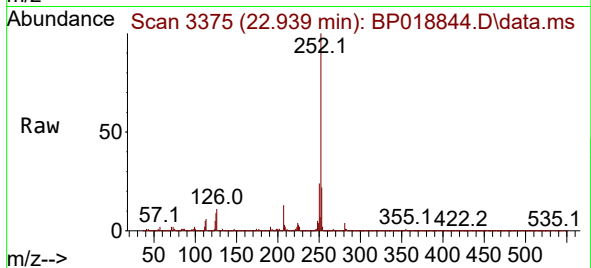
Tgt Ion:252 Resp: 2017278

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 8.8 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 19.910 ng/ul

RT: 22.986 min Scan# 3383

Delta R.T. -0.006 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

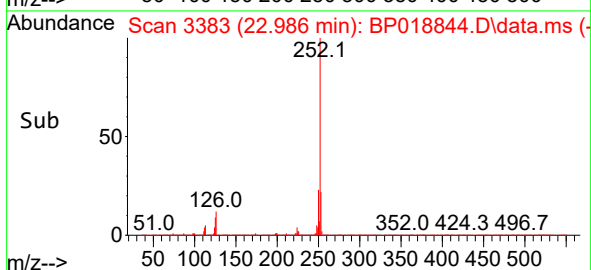
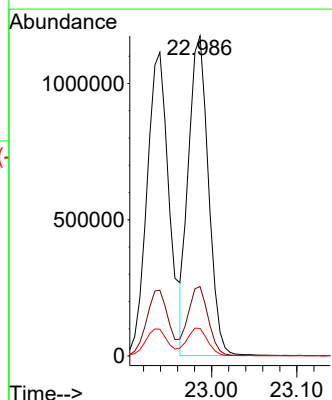
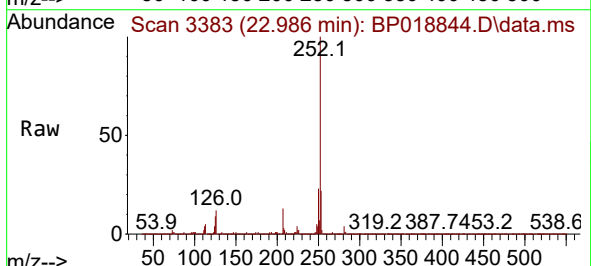
Tgt Ion:252 Resp: 1906908

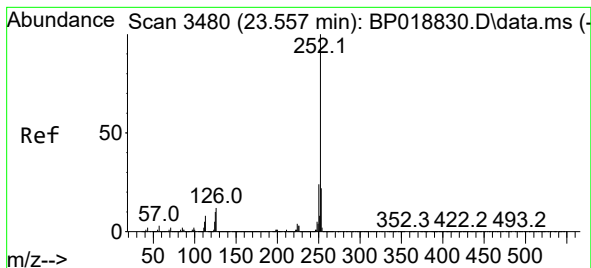
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.6 8.0 12.0





#93

Benzo(a)pyrene

Concen: 20.794 ng/ul

RT: 23.551 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

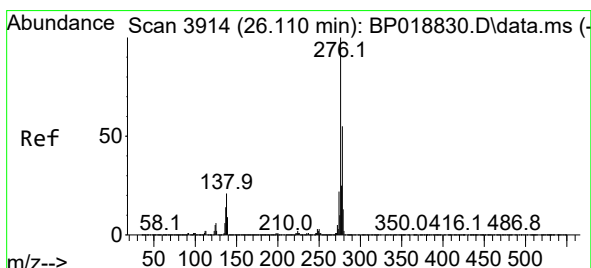
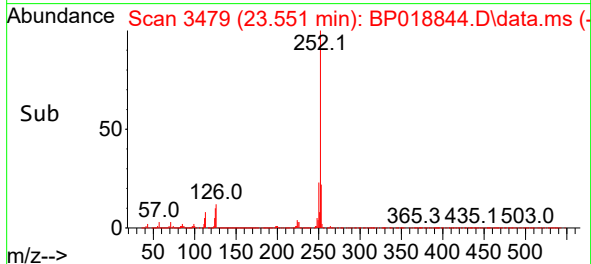
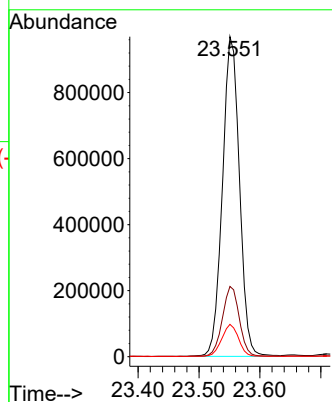
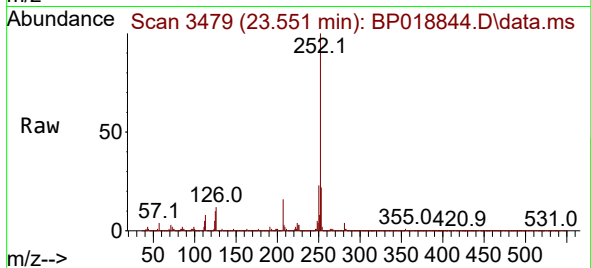
Tgt Ion:252 Resp: 1880745

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.1 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.005 ng/ul

RT: 26.110 min Scan# 3914

Delta R.T. -0.012 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

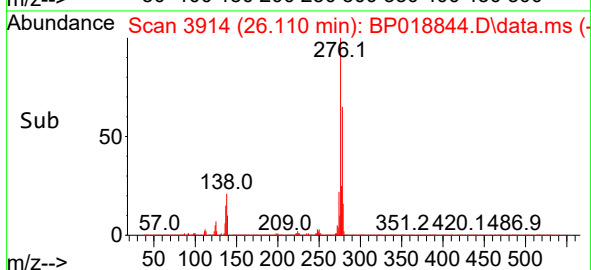
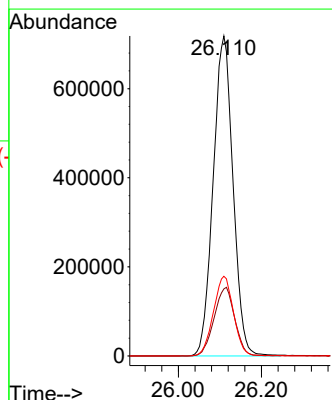
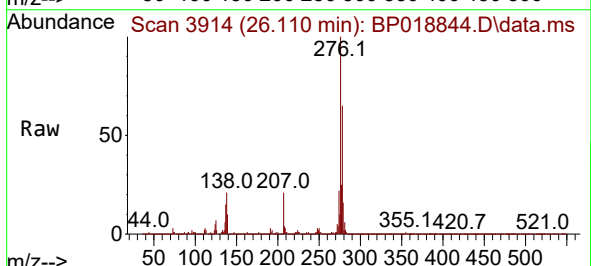
Tgt Ion:276 Resp: 2377969

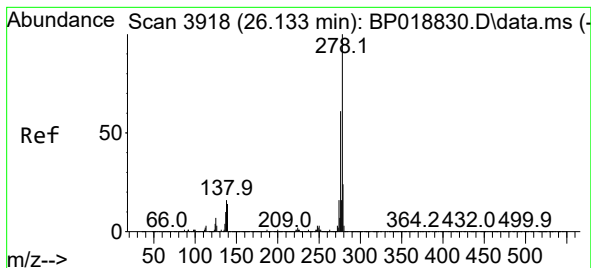
Ion Ratio Lower Upper

276 100

138 21.0 19.4 29.2

277 24.9 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 21.988 ng/ul

RT: 26.127 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Instrument :

BNA_P

ClientSampleId :

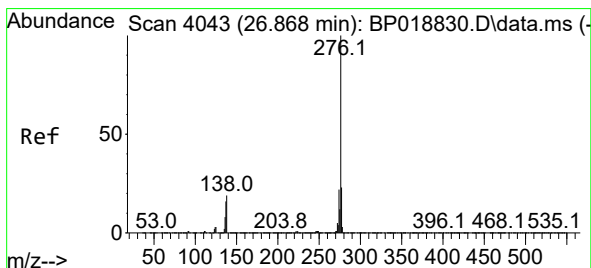
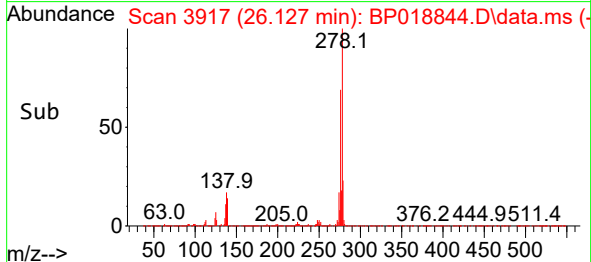
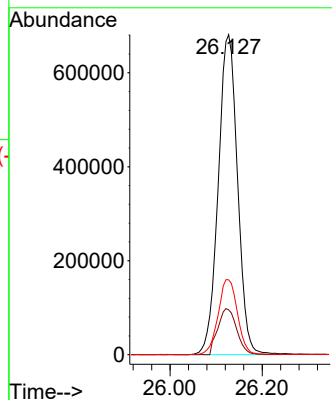
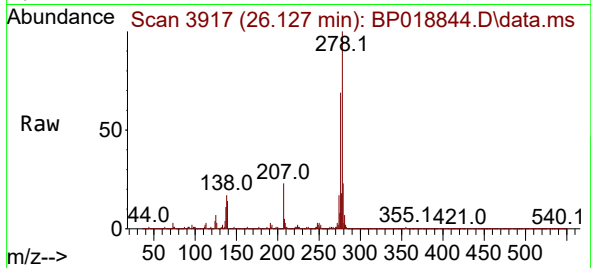
Tgt Ion:278 Resp: 1976712

Ion Ratio Lower Upper

278 100

139 14.0 13.0 19.6

279 23.4 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 21.900 ng/ul

RT: 26.857 min Scan# 4041

Delta R.T. -0.018 min

Lab File: BP018844.D

Acq: 14 Dec 2023 15:53

Tgt Ion:276 Resp: 1904641

Ion Ratio Lower Upper

276 100

138 18.9 18.1 27.1

277 23.6 19.4 29.0

