

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018445.D
 Acq On : 28 Nov 2023 17:33
 Operator : MA/JU
 Sample : PB157287BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 29 00:53:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 08:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	490518	20.000	ng/ul	0.00
20) Naphthalene-d8	10.658	136	1850053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	984085	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1717155	20.000	ng/ul	0.00
79) Chrysene-d12	21.428	240	1742187	20.000	ng/ul	0.03
88) Perylene-d12	24.086	264	2037584	20.000	ng/ul	0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	70620	5.392	ng/uL	0.00
4) Pyridine-d5	3.681	84	913609	25.385	ng/ul	0.00
7) Phenol-d5	7.022	99	1156124	25.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	665436	24.824	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	997728	26.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	881260	24.360	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	444389	29.573	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	433586	31.243	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	922286	27.546	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	1104174	24.452	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2178683	24.881	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	2673264	26.793	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	309598	25.611	ng/ul	0.00
60) Fluorene-d10	15.487	176	1848744	25.242	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	218163	29.845	ng/ul	0.00
73) Anthracene-d10	17.345	188	2436572	26.548	ng/ul	0.00
81) Pyrene-d10	19.598	212	2865281	20.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	3318510	28.092	ng/ul	0.11
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	149115	10.618	ng/uL#	89
5) Pyridine	3.705	79	959933	26.471	ng/ul	91
6) Benzaldehyde	6.993	77	653087	27.530	ng/ul	95
8) Phenol	7.052	94	1192385	27.116	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.287	93	1012693	27.647	ng/ul	95
12) 2-Chlorophenol	7.417	128	1032712	27.349	ng/ul	95
13) 2-Methylphenol	8.305	108	903357	26.375	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1189365	22.843	ng/ul#	95
16) Acetophenone	8.681	105	1420899	25.668	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.675	70	639950	20.694	ng/ul	92
18) 4-Methylphenol	8.634	108	950320	25.982	ng/ul	98
19) Hexachloroethane	8.934	117	431615	27.371	ng/ul	96
22) Nitrobenzene	9.058	77	983763	27.944	ng/ul	95
23) Isophorone	9.593	82	1863879	23.755	ng/ul	97
25) 2-Nitrophenol	9.769	139	502417	32.177	ng/ul	91
26) 2,4-Dimethylphenol	9.834	107	737001	21.023	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	1246294	26.300	ng/ul	99
29) 2,4-Dichlorophenol	10.305	162	915826	28.556	ng/ul	98
30) Naphthalene	10.705	128	3154267	28.190	ng/ul	100
32) 4-Chloroaniline	10.816	127	1039135	24.386	ng/ul	99
33) Hexachlorobutadiene	10.993	225	696069	31.822	ng/ul	99
34) Caprolactam	11.599	113	224264	24.265	ng/ul	87
35) 4-Chloro-3-methylphenol	11.946	107	784075	22.866	ng/ul	94
36) 2-Methylnaphthalene	12.316	142	2050545	25.894	ng/ul	99

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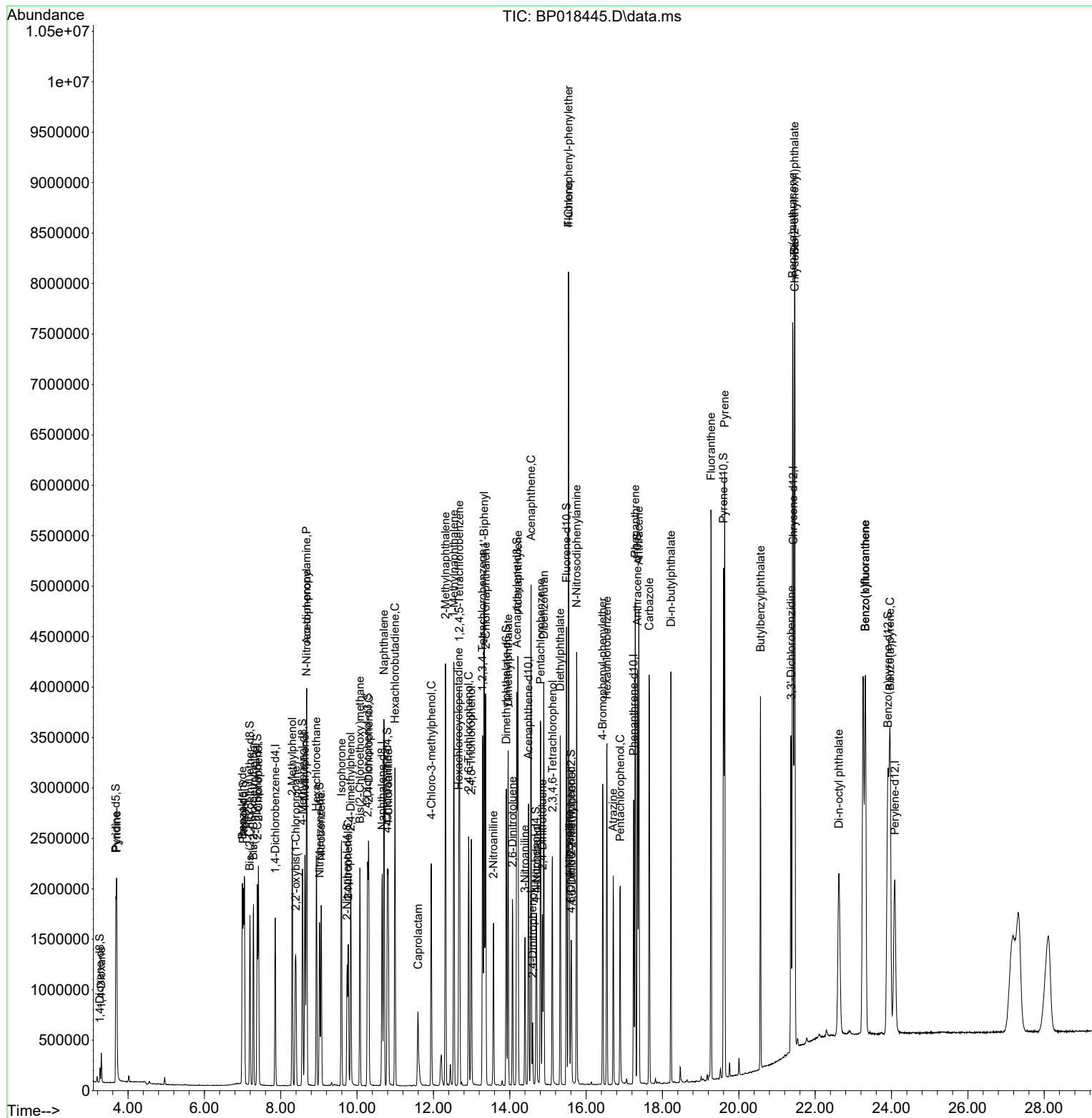
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1999103	25.079	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	1181821	34.003	ng/ul	97
40) Hexachlorocyclopentadiene	12.663	237	513492	26.086	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	640465	30.684	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	677269	30.007	ng/ul	100
43) 1,1'-Biphenyl	13.328	154	2574679	30.028	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2048427	30.185	ng/ul	98
45) 2-Nitroaniline	13.575	65	379346	25.979	ng/ul	85
47) Dimethylphthalate	13.957	163	2270914	26.505	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	415805	28.786	ng/ul	88
50) Acenaphthylene	14.216	152	3109683	27.961	ng/ul	100
51) 3-Nitroaniline	14.398	138	391589	27.285	ng/ul#	92
52) Acenaphthene	14.557	153	2030622	27.950	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	138933	27.569	ng/ul	98
55) 4-Nitrophenol	14.704	109	223255	24.929	ng/ul	91
56) Dibenzofuran	14.893	168	2716963	27.354	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	540083	27.668	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.116	232	479822	27.070	ng/ul	95
59) Diethylphthalate	15.322	149	2025639	23.536	ng/ul	99
61) Fluorene	15.540	166	2087568	25.773	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.540	204	1112338	27.044	ng/ul	96
63) 4-Nitroaniline	15.563	138	379136	27.992	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.616	198	249787	30.811	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	1701926	29.227	ng/ul	100
68) 4-Bromophenyl-phenylether	16.434	248	643886	29.699	ng/ul	97
69) Hexachlorobenzene	16.545	284	750226	30.953	ng/ul#	92
70) Atrazine	16.710	200	393266	22.122	ng/ul	99
71) Pentachlorophenol	16.892	266	369249	29.650	ng/ul	97
72) Phenanthrene	17.287	178	3023886	28.951	ng/ul	100
74) Anthracene	17.381	178	2949808	27.979	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	1138438	38.570	ng/uL	100
76) Pentachlorobenzene	14.810	250	1012628	35.319	ng/uL	99
77) Carbazole	17.651	167	2625579	30.740	ng/ul	99
78) Di-n-butylphthalate	18.222	149	2908753	24.483	ng/ul	100
80) Fluoranthene	19.275	202	3438499	20.758	ng/ul	97
82) Pyrene	19.628	202	3623787	21.725	ng/ul	98
83) Butylbenzylphthalate	20.569	149	1254671	20.326	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.369	252	1197396	28.417	ng/ul	100
85) Benzo(a)anthracene	21.410	228	4032015	28.398	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1881208	20.313	ng/ul	99
87) Chrysene	21.463	228	3705349	28.678	ng/ul	100
89) Di-n-octyl phthalate	22.622	149	3210336	21.401	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	3955054	26.723	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	3955054	26.844	ng/ul	99
93) Benzo(a)pyrene	23.963	252	4044139	29.713	ng/ul	99

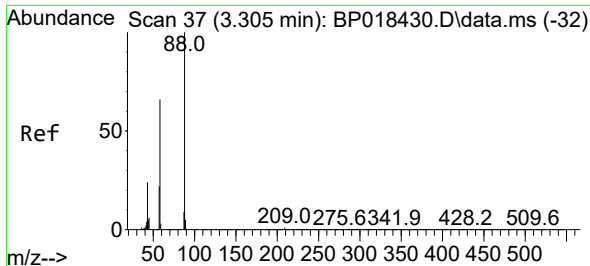
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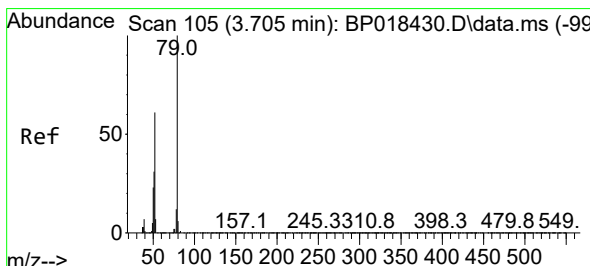
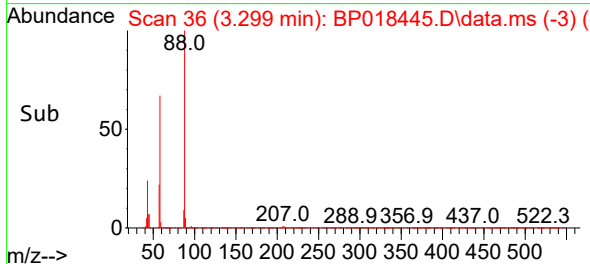
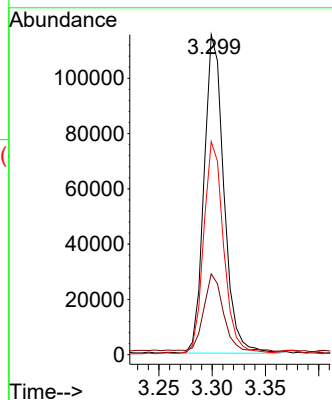
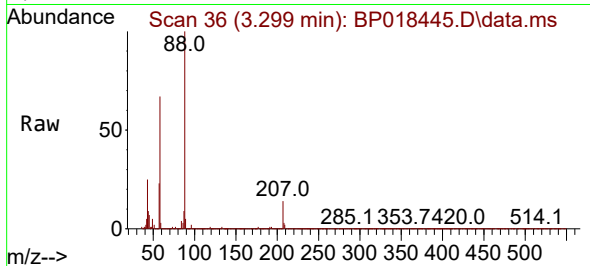




#2
1,4-Dioxane
Concen: 10.618 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

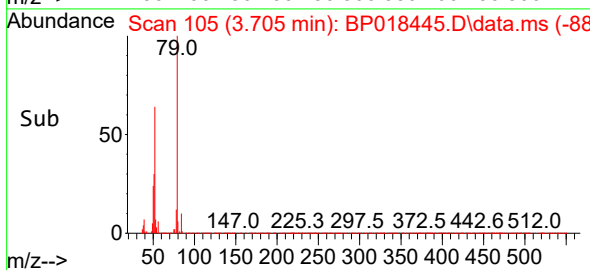
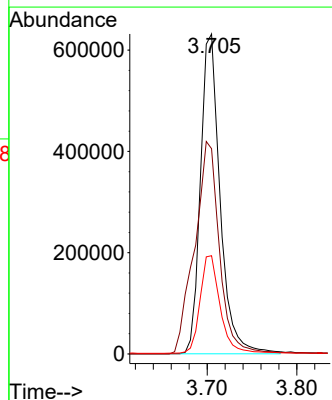
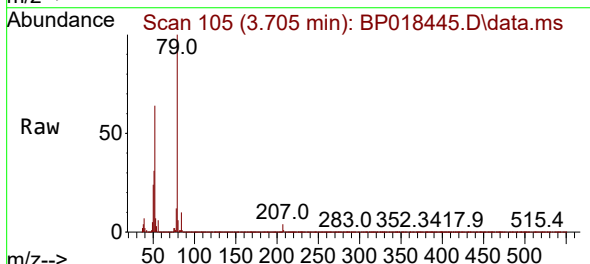
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BNA_P
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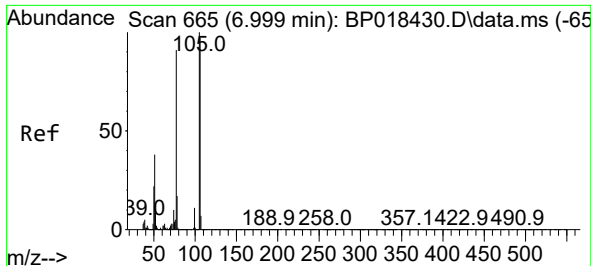
Tgt Ion: 88 Resp: 149115
Ion Ratio Lower Upper
88 100
43 25.3 26.9 40.3#
58 66.5 59.6 89.4



#5
Pyridine
Concen: 26.471 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion: 79 Resp: 959933
Ion Ratio Lower Upper
79 100
52 64.2 57.7 86.5
51 30.7 27.8 41.8

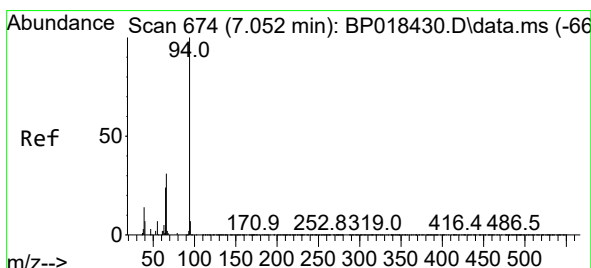
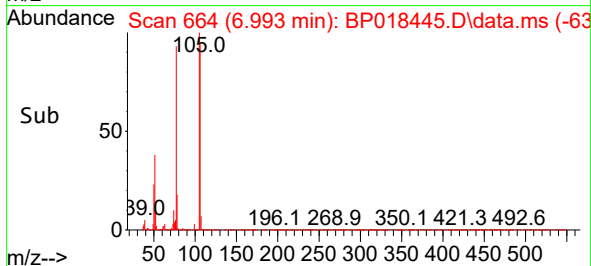
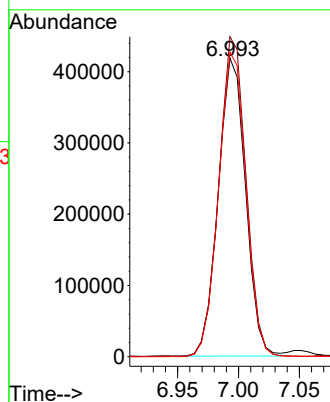
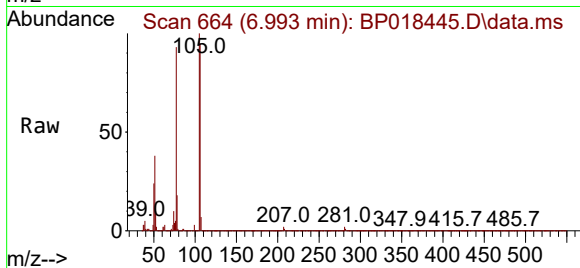




#6
Benzaldehyde
Concen: 27.530 ng/ul
RT: 6.993 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

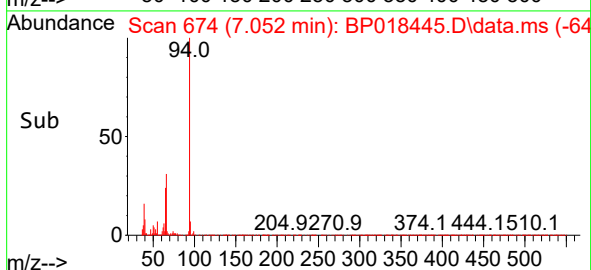
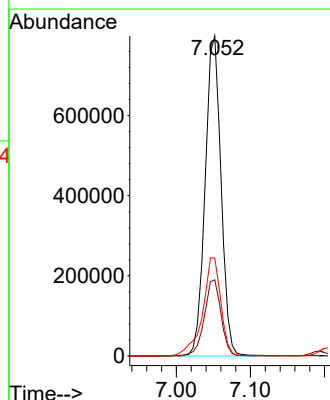
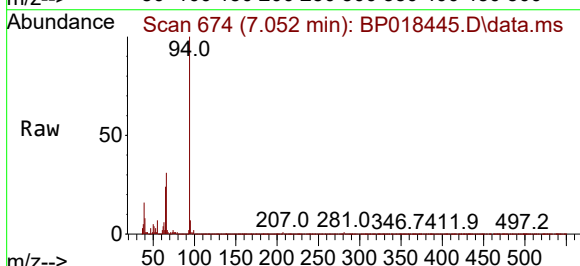
Instrument :
BNA_P
ClientSampleId :

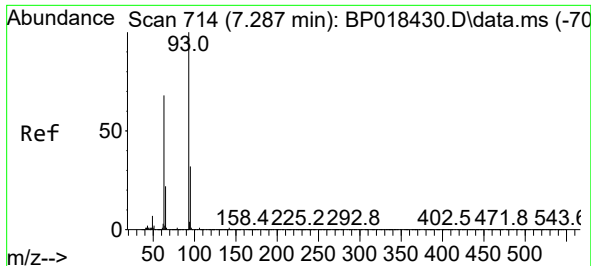
Tgt Ion: 77 Resp: 653087
Ion Ratio Lower Upper
77 100
105 107.2 81.5 122.3
106 102.0 77.9 116.9



#8
Phenol
Concen: 27.116 ng/ul
RT: 7.052 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion: 94 Resp: 1192385
Ion Ratio Lower Upper
94 100
65 23.8 21.2 31.8
66 30.6 28.0 42.0

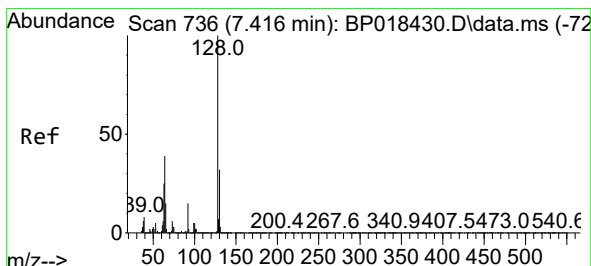
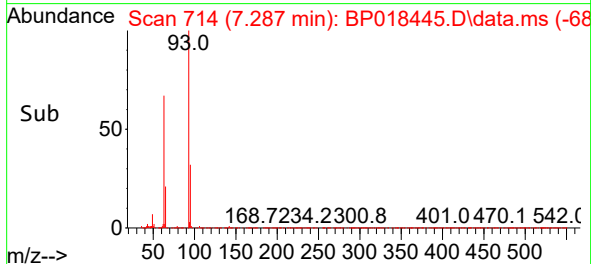
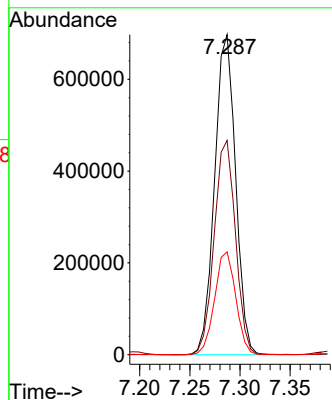
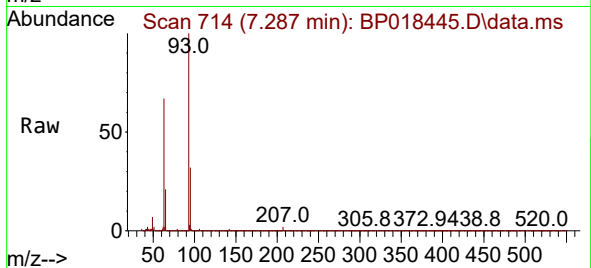




#10
Bis(2-Chloroethyl)ether
Concen: 27.647 ng/ul
RT: 7.287 min Scan# 714
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

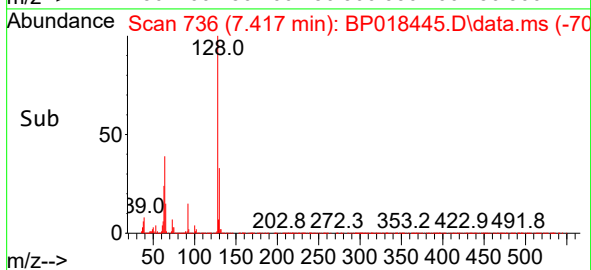
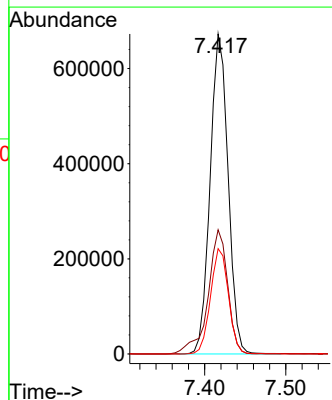
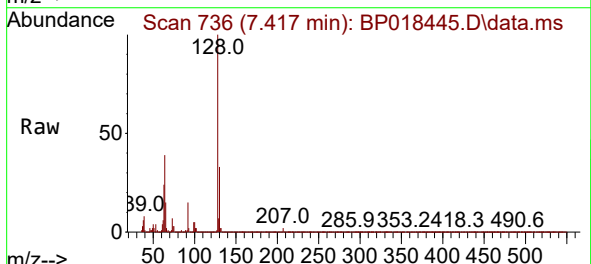
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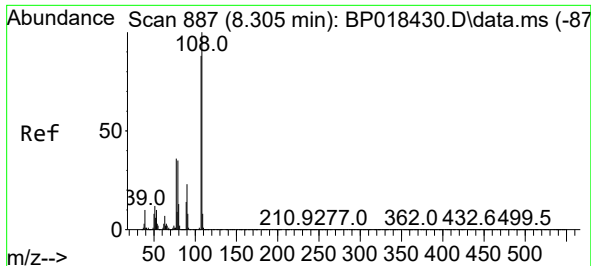
Tgt Ion: 93 Resp: 1012693
Ion Ratio Lower Upper
93 100
63 66.9 58.2 87.4
95 32.2 25.6 38.4



#12
2-Chlorophenol
Concen: 27.349 ng/ul
RT: 7.417 min Scan# 736
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:128 Resp: 1032712
Ion Ratio Lower Upper
128 100
64 38.8 34.8 52.2
130 32.9 25.5 38.3





#13

2-Methylphenol

Concen: 26.375 ng/ul

RT: 8.305 min Scan# 887

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

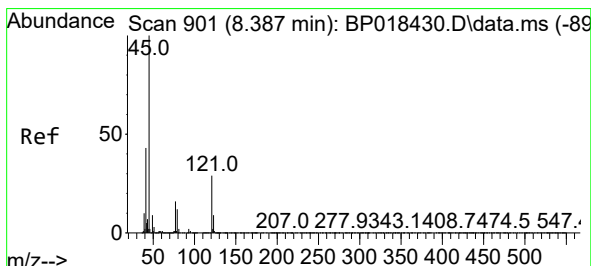
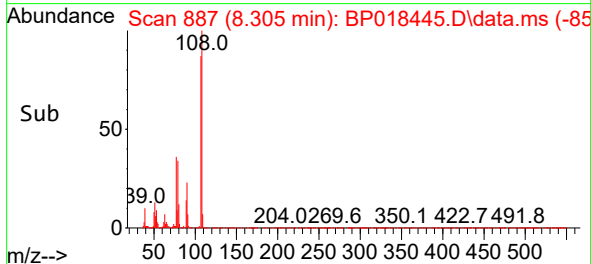
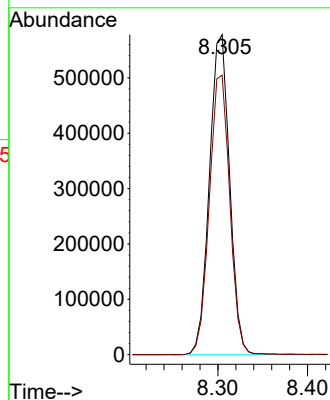
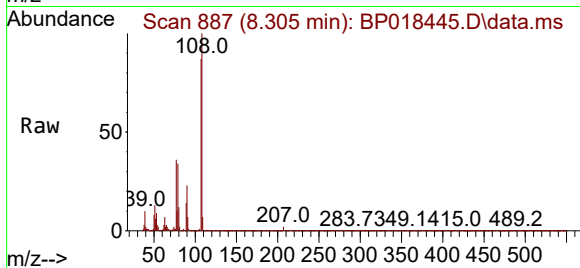
ClientSampleId :

Tgt Ion:108 Resp: 903357

Ion Ratio Lower Upper

108 100

107 87.3 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.843 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. 0.006 min

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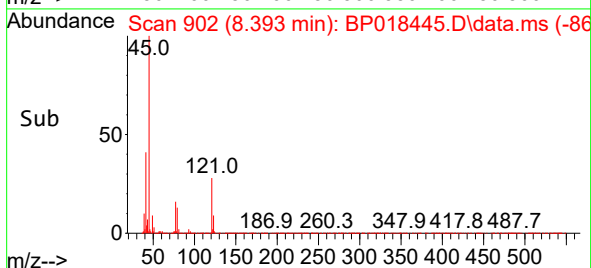
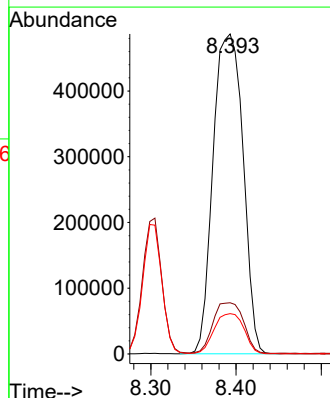
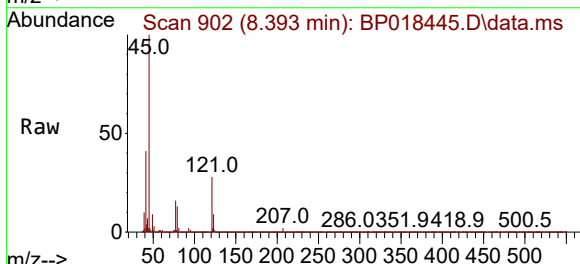
Tgt Ion: 45 Resp: 1189365

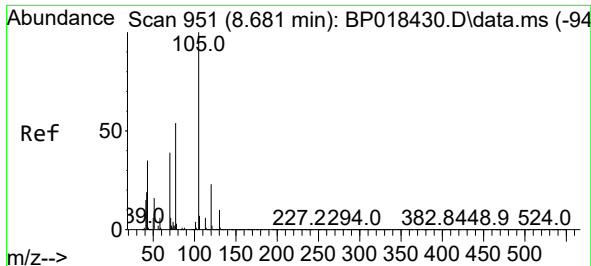
Ion Ratio Lower Upper

45 100

77 16.0 11.4 17.2

79 12.6 8.4 12.6#

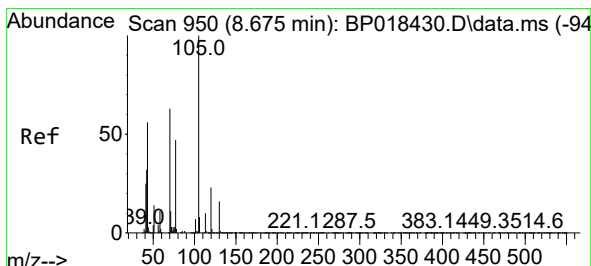
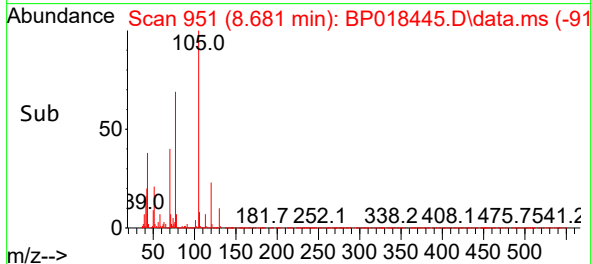
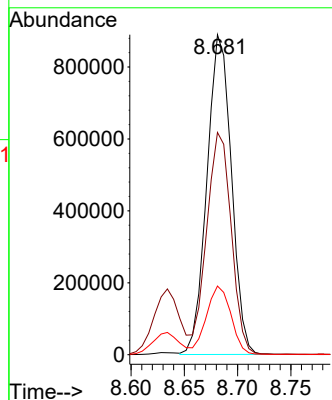
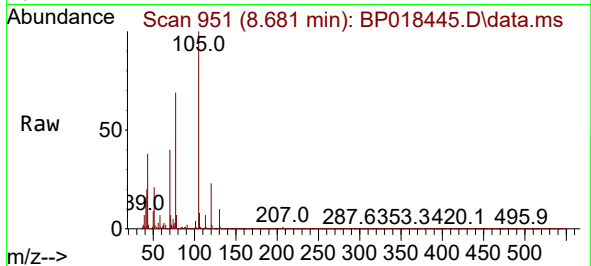




#16
Acetophenone
Concen: 25.668 ng/ul
RT: 8.681 min Scan# 91
Delta R.T. 0.000 min
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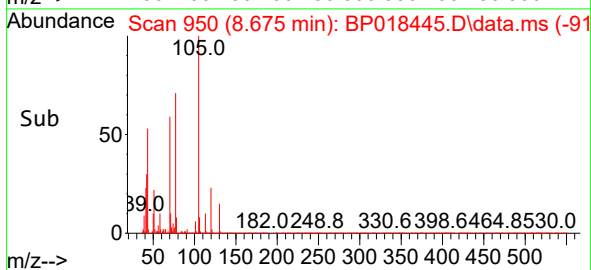
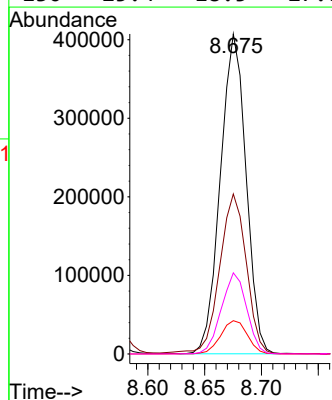
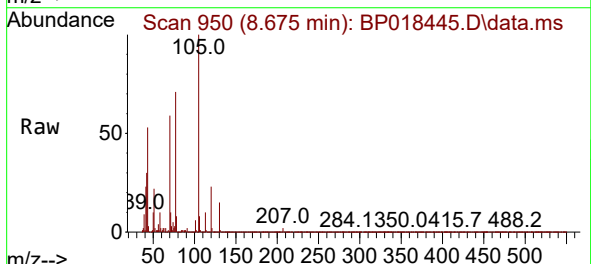
Instrument :
BNA_P
ClientSampleId :

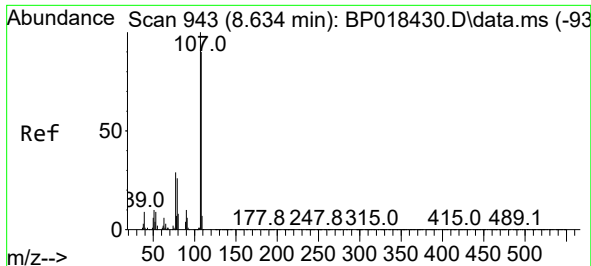
Tgt Ion:105 Resp: 1420899
Ion Ratio Lower Upper
105 100
77 69.5 59.5 89.3
51 21.5 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.694 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion: 70 Resp: 639950
Ion Ratio Lower Upper
70 100
42 50.0 46.8 70.2
101 10.4 8.4 12.6
130 25.4 18.5 27.7

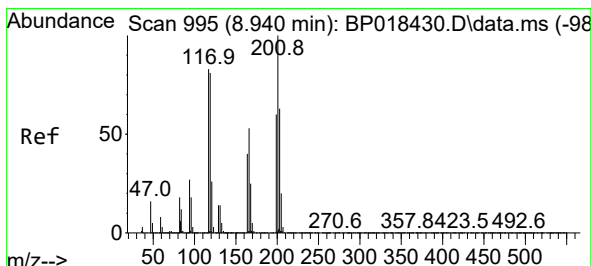
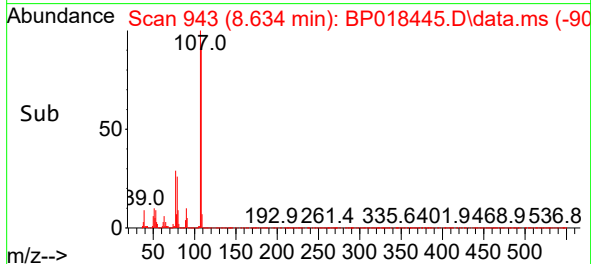
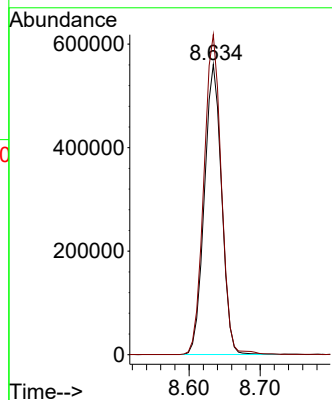
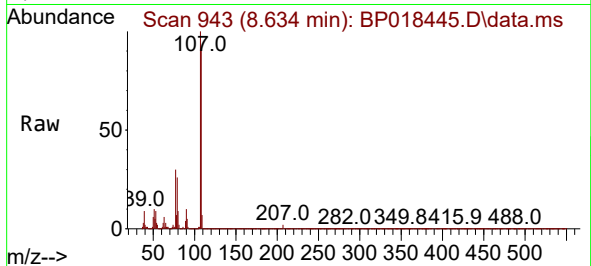




#18
4-Methylphenol
Concen: 25.982 ng/ul
RT: 8.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

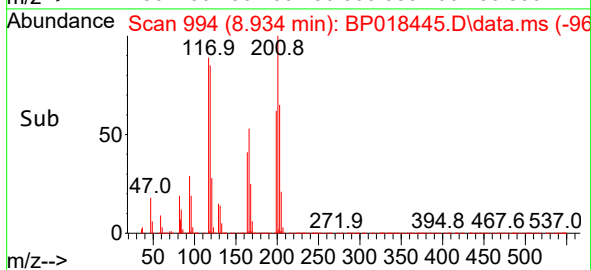
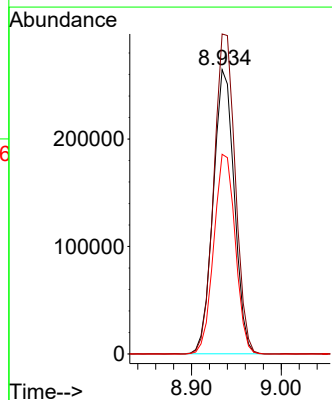
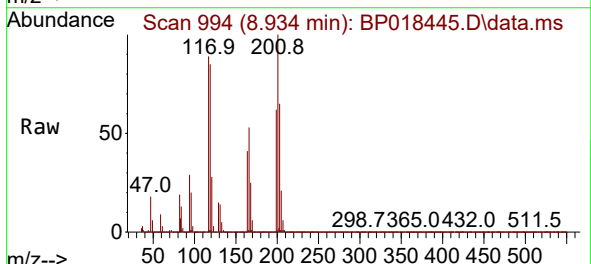
Instrument :
BNA_P
ClientSampleId :

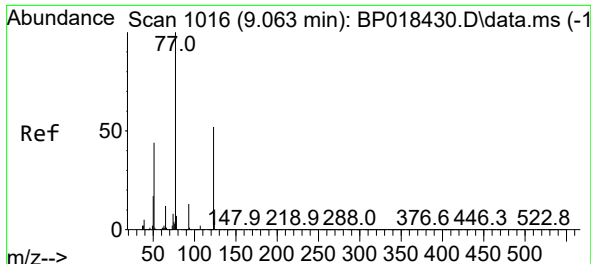
Tgt Ion:108 Resp: 950320
Ion Ratio Lower Upper
108 100
107 110.3 89.5 134.3



#19
Hexachloroethane
Concen: 27.371 ng/ul
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:117 Resp: 431615
Ion Ratio Lower Upper
117 100
201 112.5 85.6 128.4
199 70.2 54.2 81.4

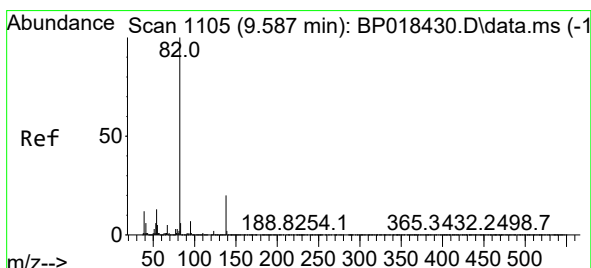
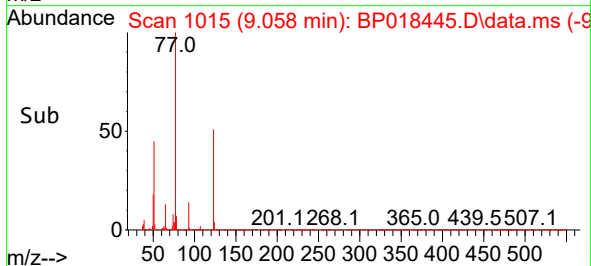
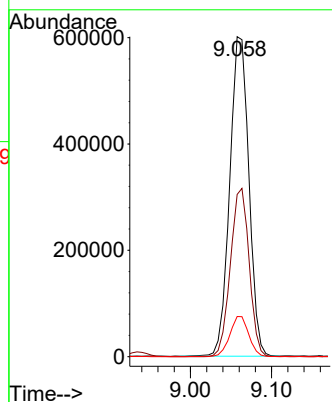
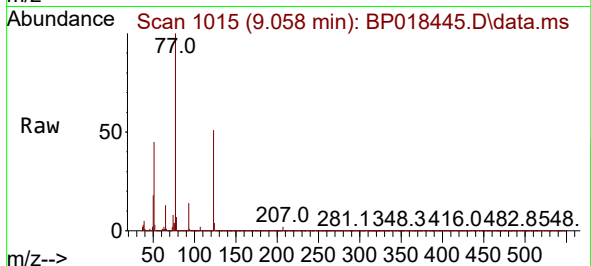




#22
Nitrobenzene
Concen: 27.944 ng/ul
RT: 9.058 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

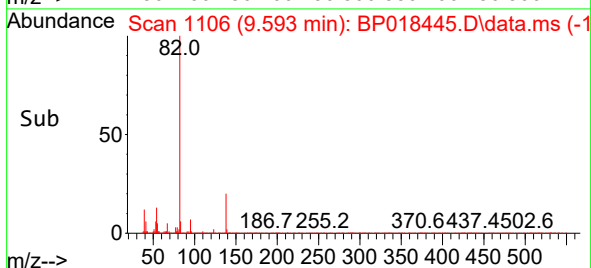
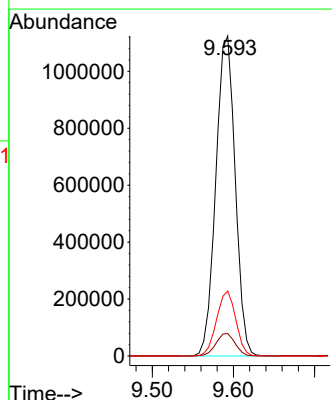
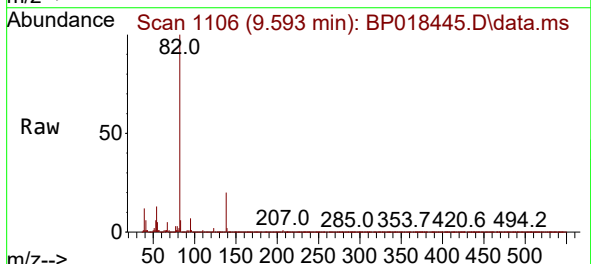
Instrument :
BNA_P
ClientSampleId :

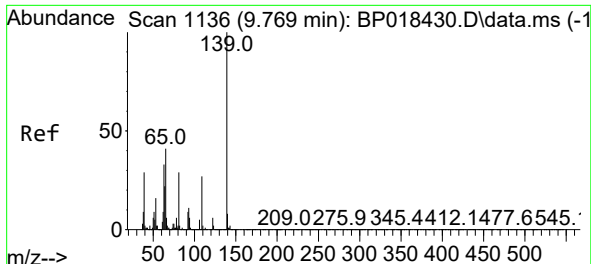
Tgt Ion: 77 Resp: 983763
Ion Ratio Lower Upper
77 100
123 50.7 37.7 56.5
65 12.5 10.5 15.7



#23
Isophorone
Concen: 23.755 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion: 82 Resp: 1863879
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 20.3 14.9 22.3

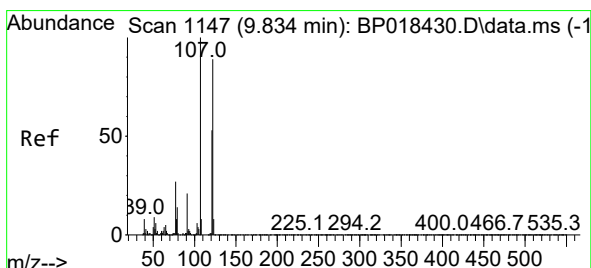
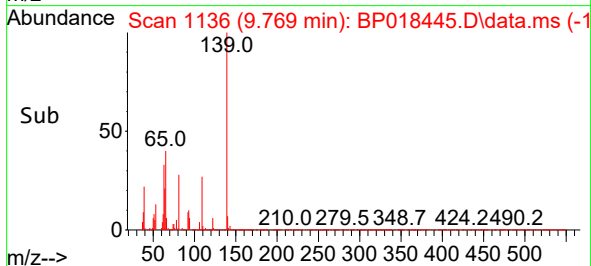
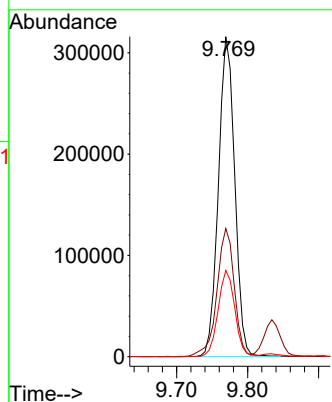
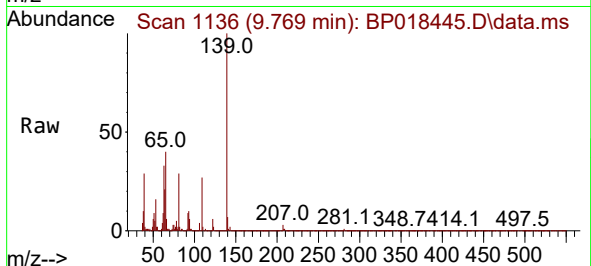




#25
2-Nitrophenol
Concen: 32.177 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

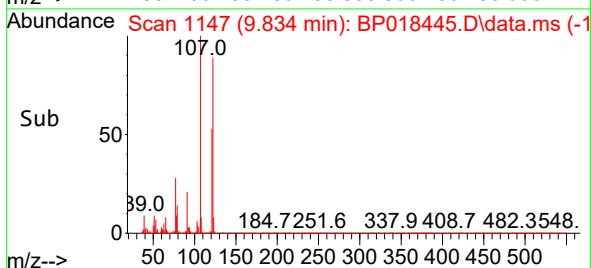
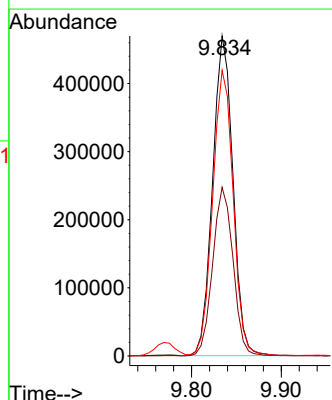
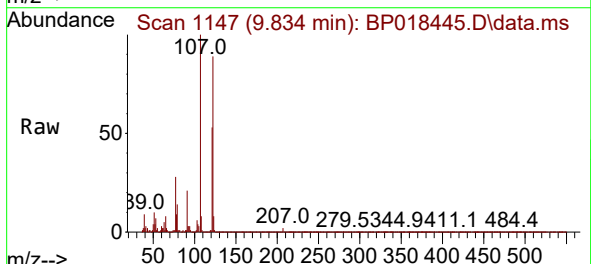
Instrument :
BNA_P
ClientSampleId :

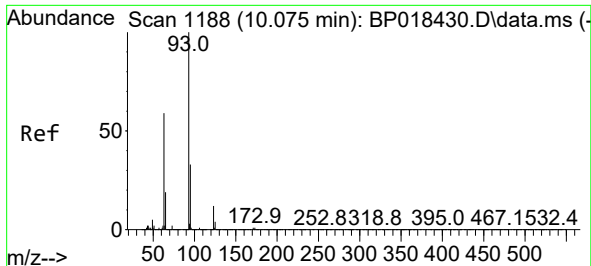
Tgt Ion:139 Resp: 502417
Ion Ratio Lower Upper
139 100
65 40.0 38.3 57.5
109 27.0 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 21.023 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:107 Resp: 737001
Ion Ratio Lower Upper
107 100
121 52.7 40.0 60.0
122 89.2 70.4 105.6

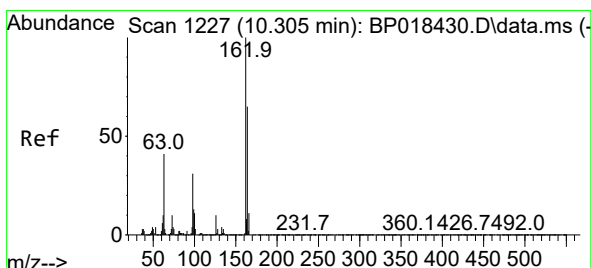
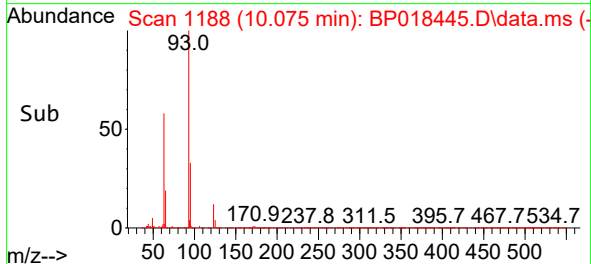
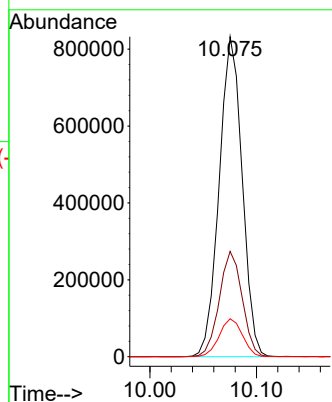
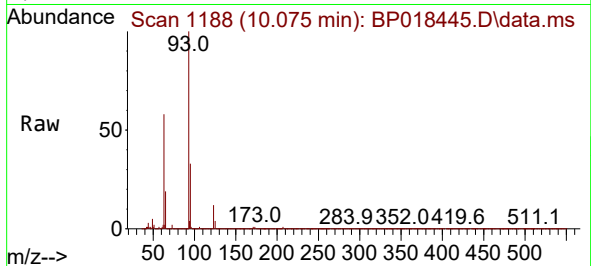




#27
Bis(2-Chloroethoxy)methane
Concen: 26.300 ng/ul
RT: 10.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

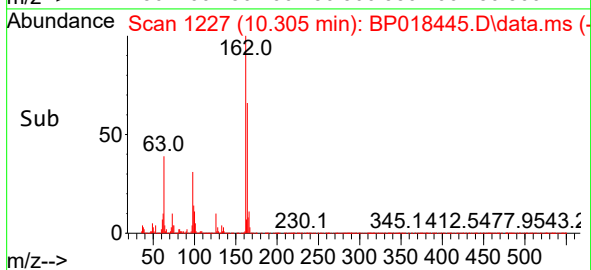
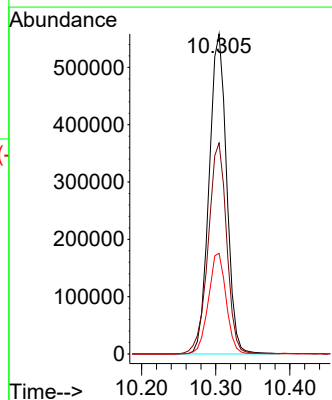
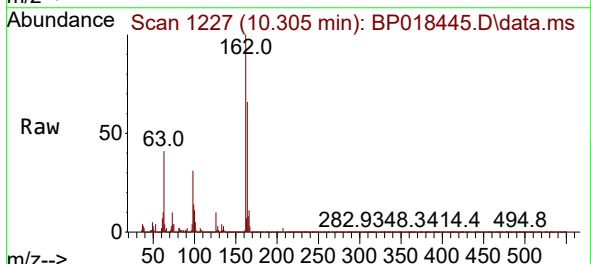
Instrument :
BNA_P
ClientSampleId :

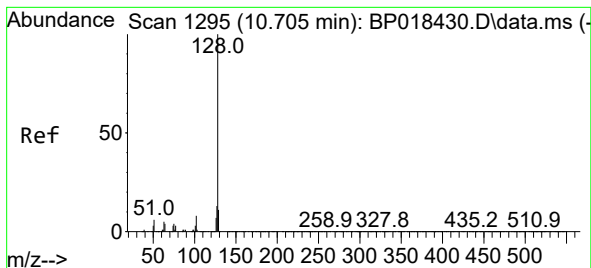
Tgt Ion: 93 Resp: 1246294
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.8 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 28.556 ng/ul
RT: 10.305 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:162 Resp: 915826
Ion Ratio Lower Upper
162 100
164 65.9 53.0 79.6
98 31.5 27.7 41.5

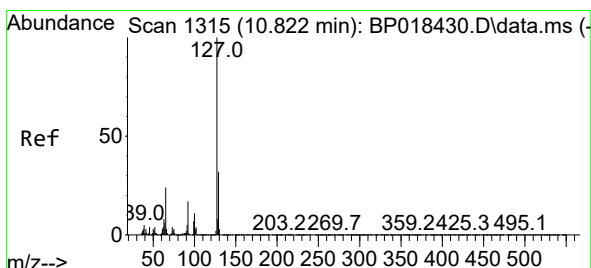
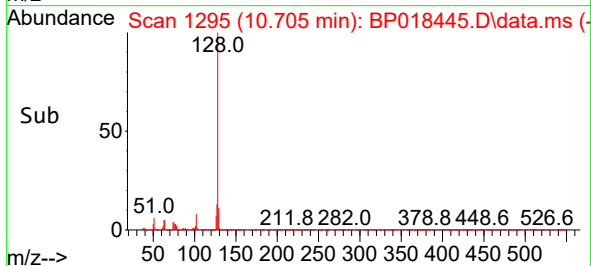
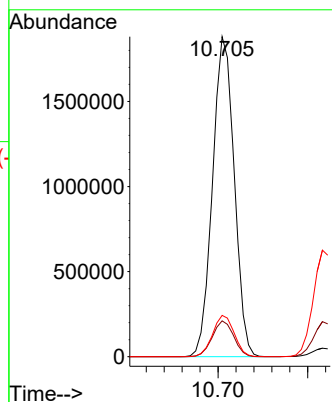
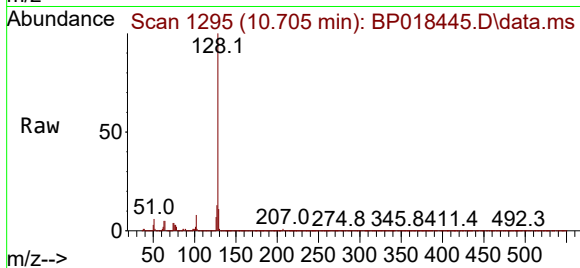




#30
Naphthalene
Concen: 28.190 ng/ul
RT: 10.705 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

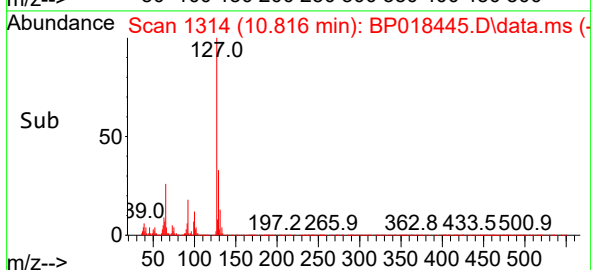
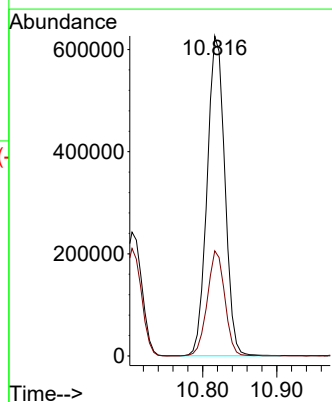
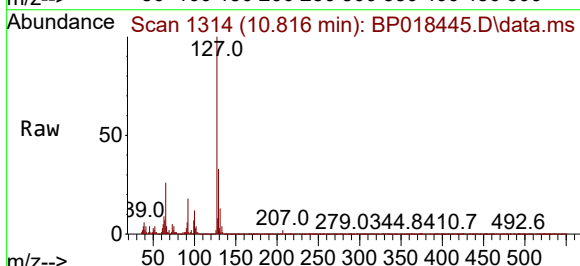
Instrument :
BNA_P
ClientSampleId :

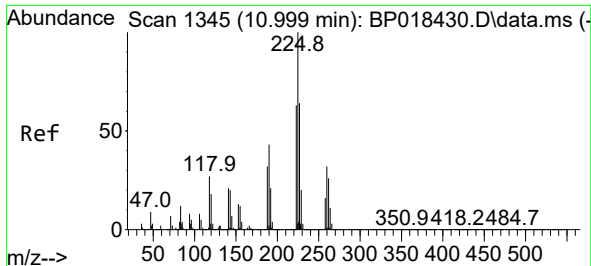
Tgt Ion:128 Resp: 3154267
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 24.386 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:127 Resp: 1039135
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8

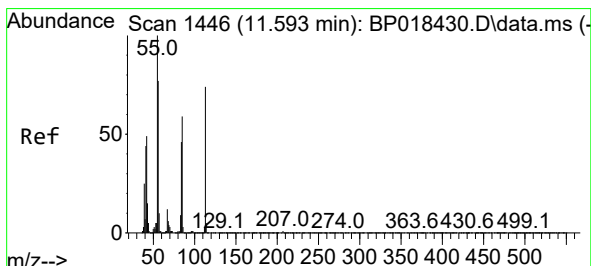
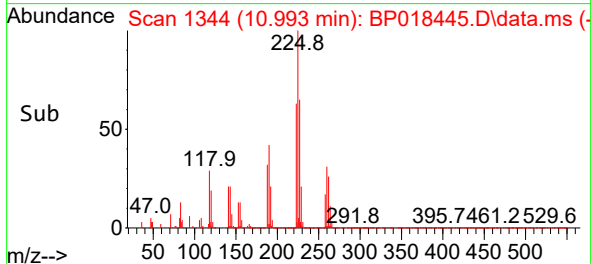
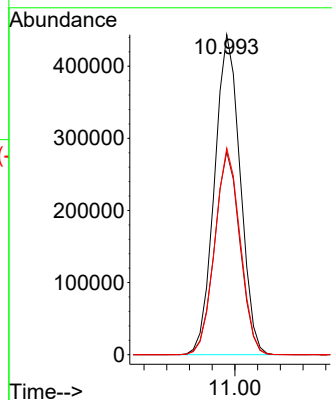
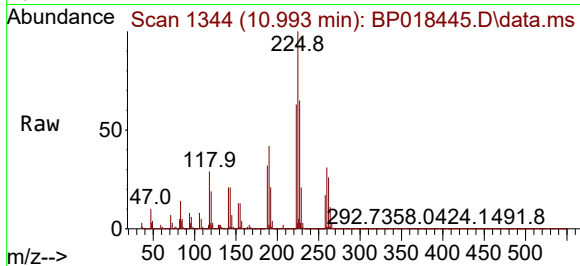




#33
Hexachlorobutadiene
Concen: 31.822 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

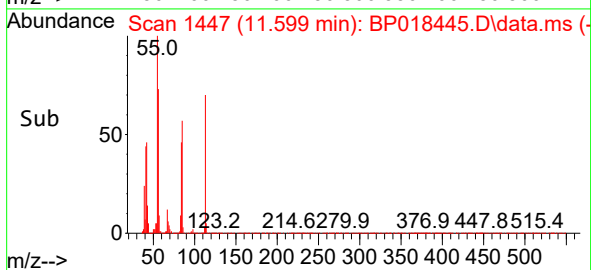
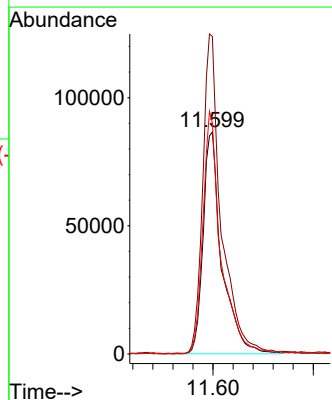
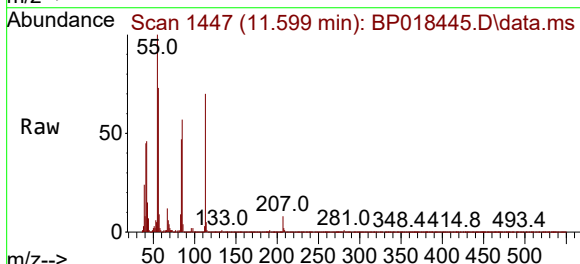
Instrument :
BNA_P
ClientSampleId :

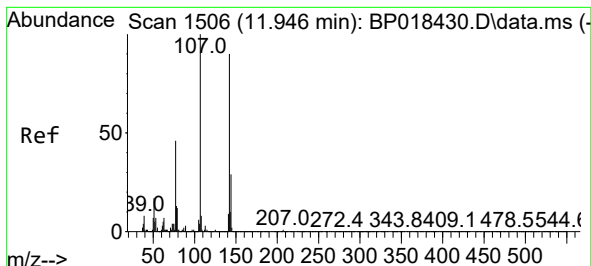
Tgt Ion:225 Resp: 696069
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.4
227 64.6 50.4 75.6



#34
Caprolactam
Concen: 24.265 ng/ul
RT: 11.599 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:113 Resp: 224264
Ion Ratio Lower Upper
113 100
55 143.1 129.0 193.4
56 104.1 94.8 142.2

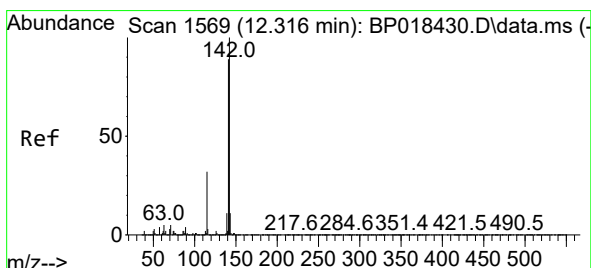
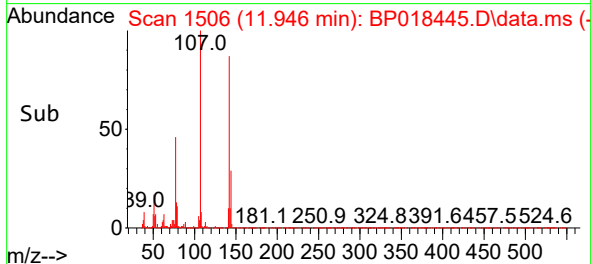
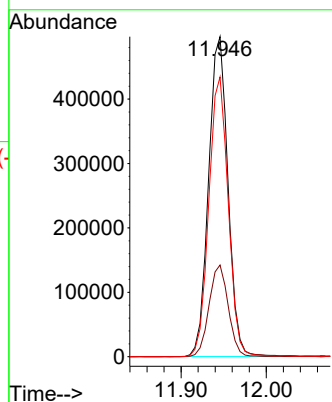
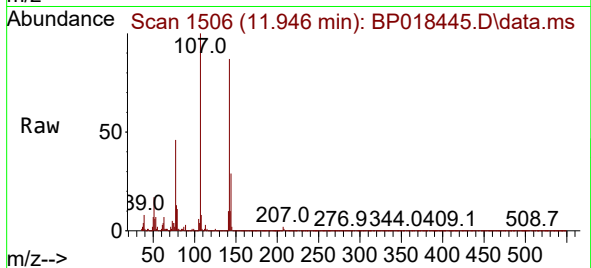




#35
4-Chloro-3-methylphenol
Concen: 22.866 ng/ul
RT: 11.946 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

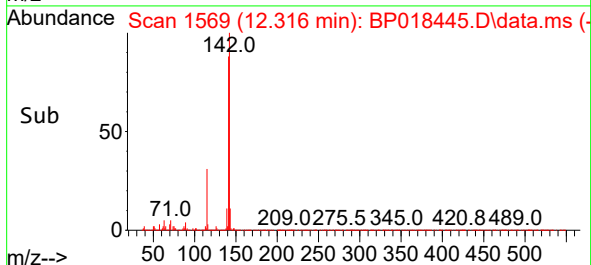
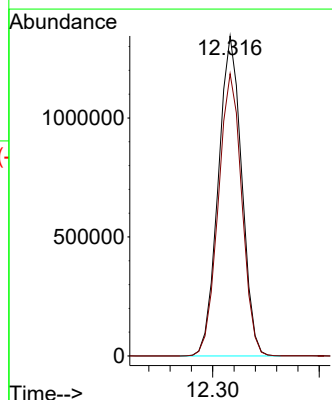
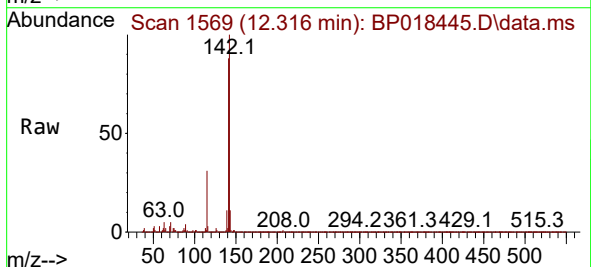
Instrument :
BNA_P
ClientSampleId :

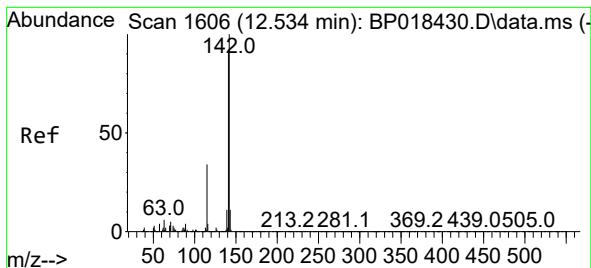
Tgt Ion:107 Resp: 784075
Ion Ratio Lower Upper
107 100
144 28.6 21.6 32.4
142 87.4 65.4 98.0



#36
2-Methylnaphthalene
Concen: 25.894 ng/ul
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:142 Resp: 2050545
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.4





#37

1-Methylnaphthalene

Concen: 25.079 ng/ul

RT: 12.534 min Scan# 1606

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

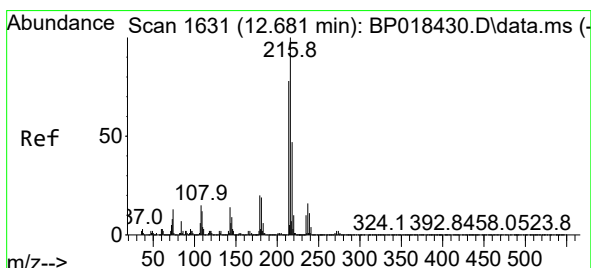
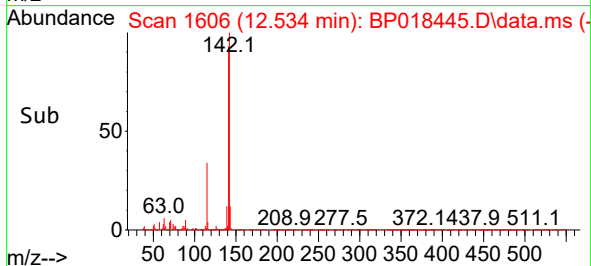
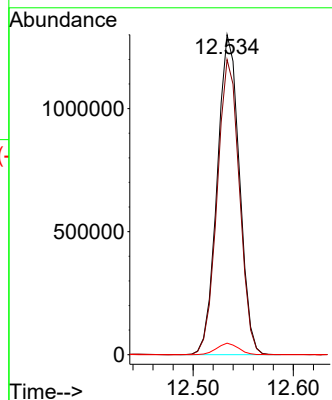
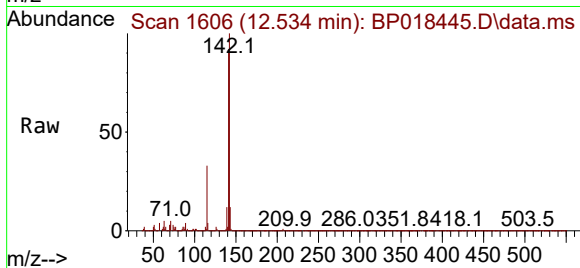
Tgt Ion:142 Resp: 1999103

Ion Ratio Lower Upper

142 100

141 92.2 73.9 110.9

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.003 ng/ul

RT: 12.681 min Scan# 1631

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Tgt Ion:216 Resp: 1181821

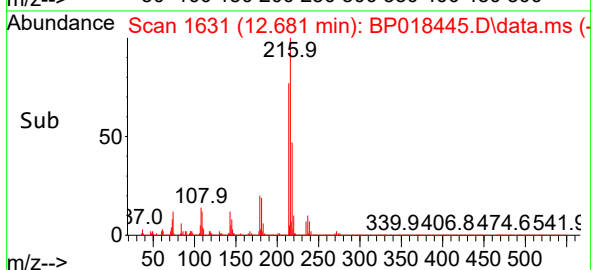
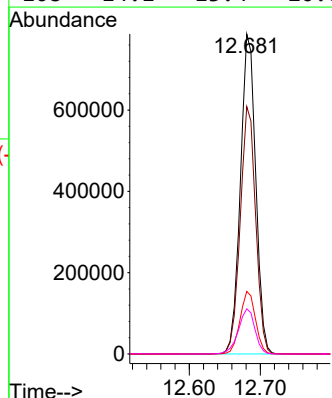
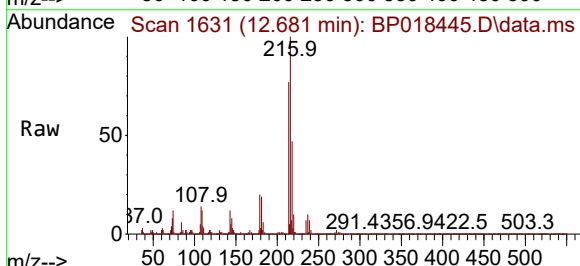
Ion Ratio Lower Upper

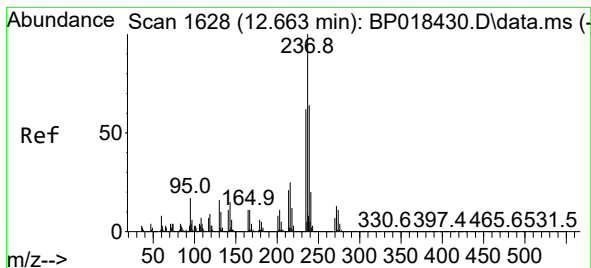
216 100

214 77.3 63.3 94.9

179 19.6 17.3 25.9

108 14.1 13.4 20.0





#40

Hexachlorocyclopentadiene

Concen: 26.086 ng/ul

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

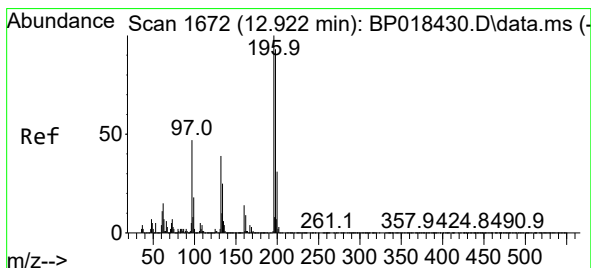
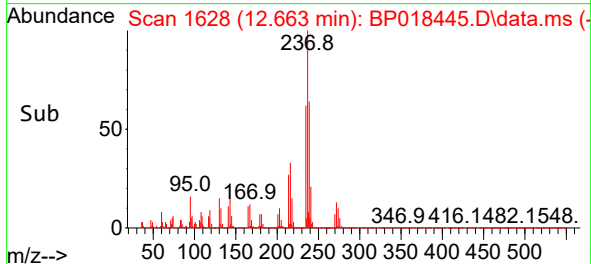
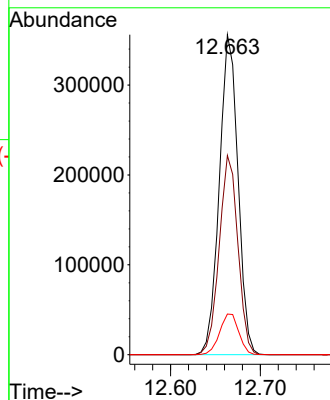
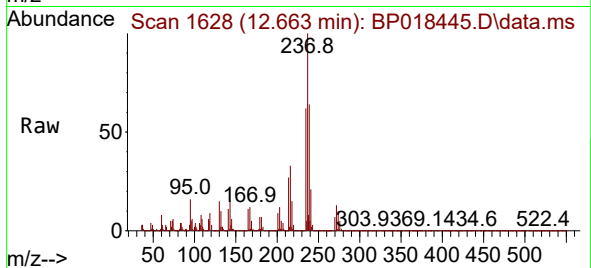
Tgt Ion:237 Resp: 513492

Ion Ratio Lower Upper

237 100

235 62.3 50.7 76.1

272 12.7 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 30.684 ng/ul

RT: 12.922 min Scan# 1672

Delta R.T. -0.006 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

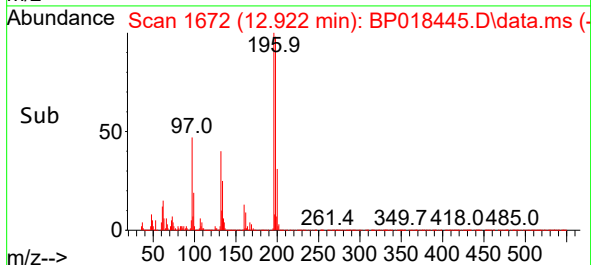
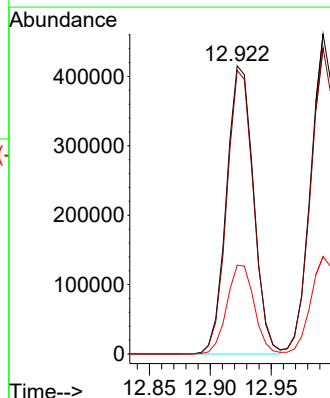
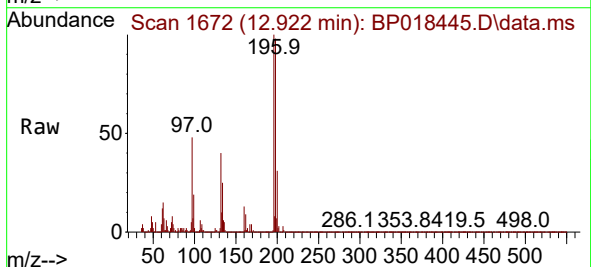
Tgt Ion:196 Resp: 640465

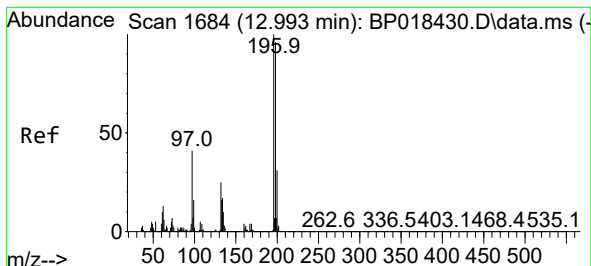
Ion Ratio Lower Upper

196 100

198 98.4 78.0 117.0

200 30.8 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 30.007 ng/ul

RT: 12.993 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

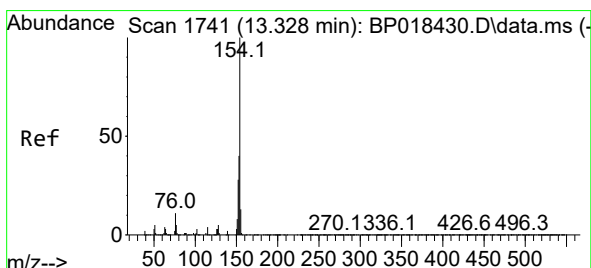
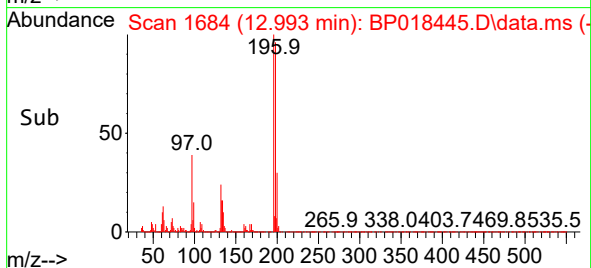
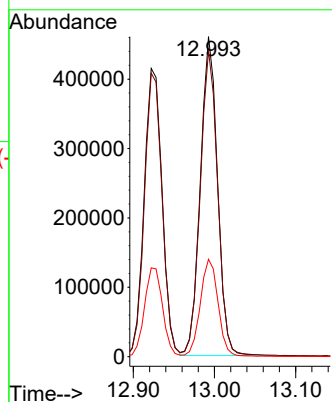
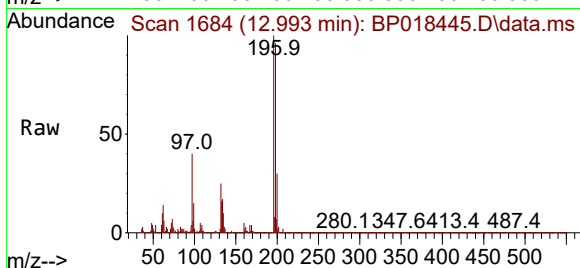
Tgt Ion:196 Resp: 677269

Ion Ratio Lower Upper

196 100

198 95.7 76.7 115.1

200 30.4 24.6 36.8



#43

1,1'-Biphenyl

Concen: 30.028 ng/ul

RT: 13.328 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

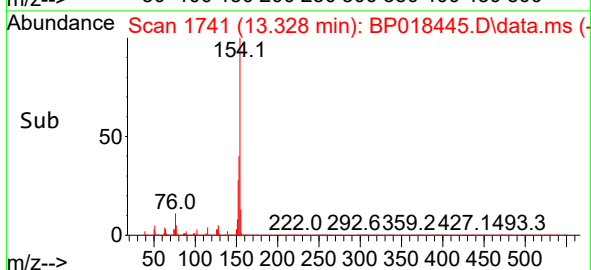
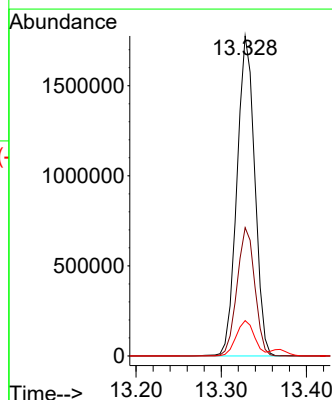
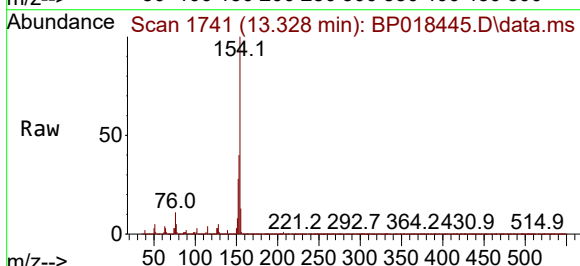
Tgt Ion:154 Resp: 2574679

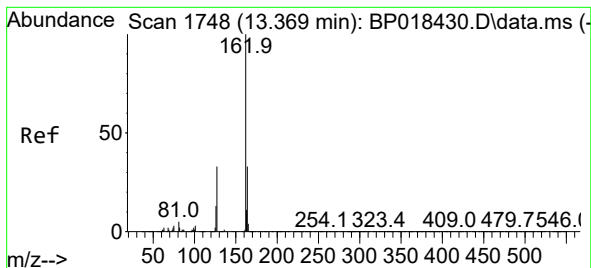
Ion Ratio Lower Upper

154 100

153 40.1 32.2 48.2

76 11.1 9.9 14.9

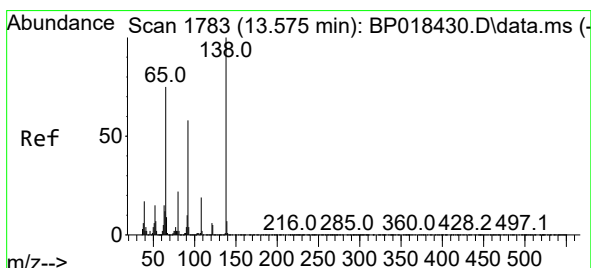
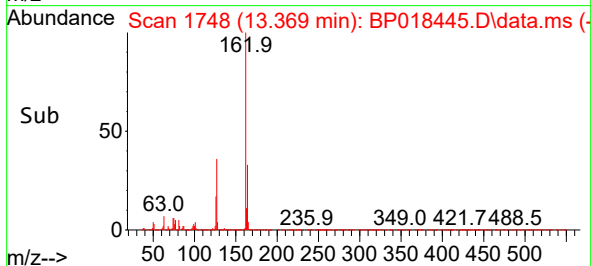
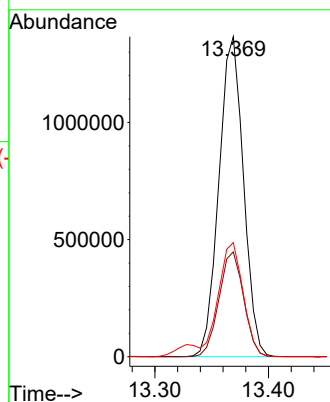
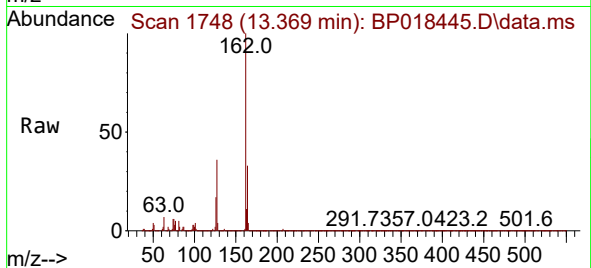




#44
2-Chloronaphthalene
Concen: 30.185 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

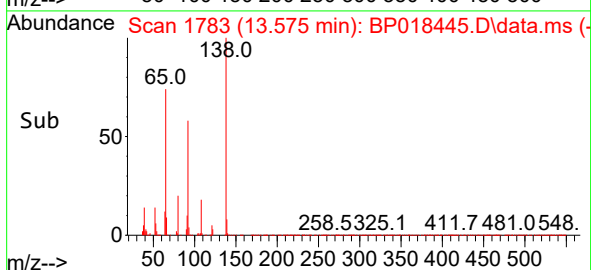
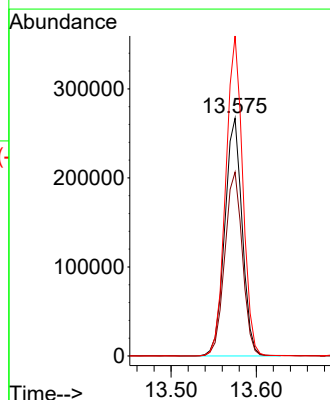
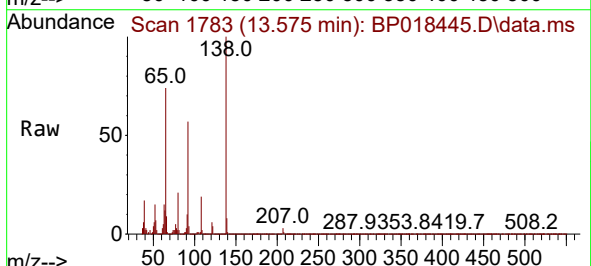
Instrument :
BNA_P
ClientSampleId :

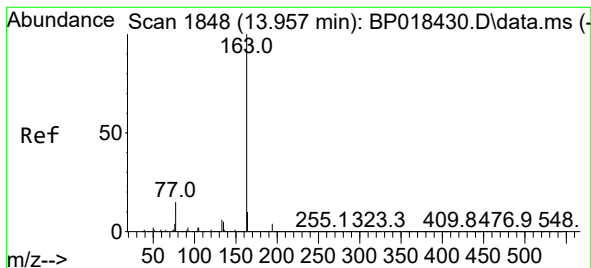
Tgt Ion:162 Resp: 2048427
Ion Ratio Lower Upper
162 100
164 32.7 26.2 39.4
127 35.6 30.6 45.8



#45
2-Nitroaniline
Concen: 25.979 ng/ul
RT: 13.575 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion: 65 Resp: 379346
Ion Ratio Lower Upper
65 100
92 77.3 57.4 86.2
138 134.5 90.6 136.0

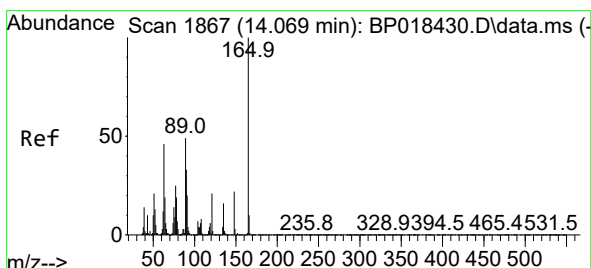
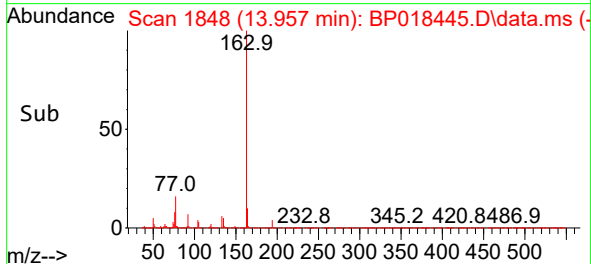
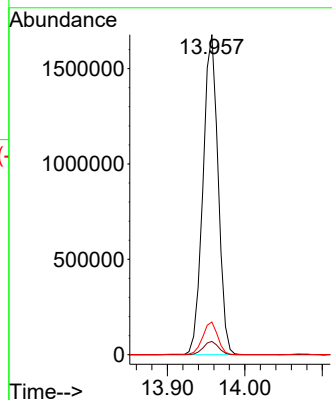
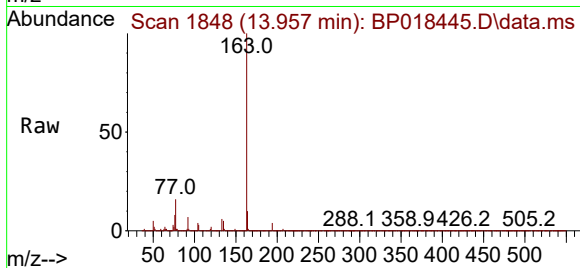




#47
Dimethylphthalate
Concen: 26.505 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

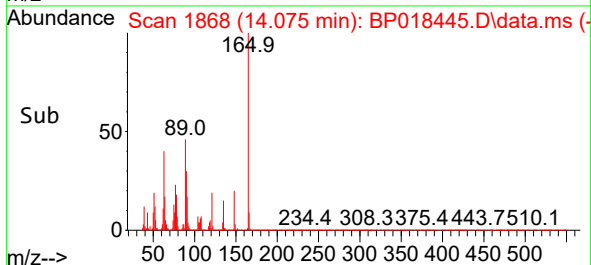
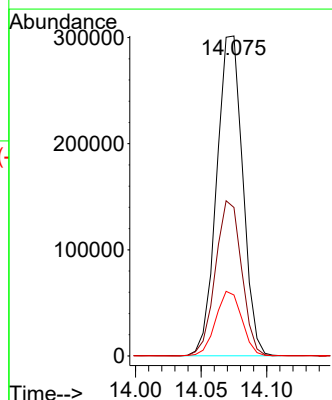
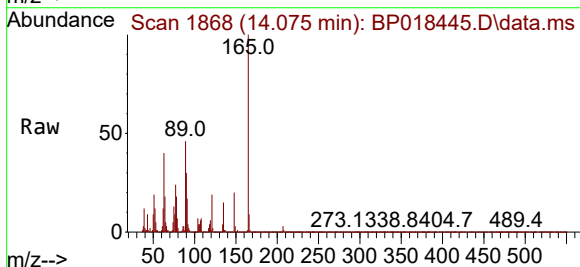
Instrument :
BNA_P
ClientSampleId :

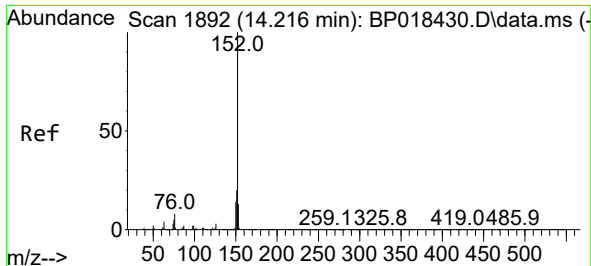
Tgt Ion:163 Resp: 2270914
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 28.786 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:165 Resp: 415805
Ion Ratio Lower Upper
165 100
89 46.4 45.8 68.6
121 19.1 17.8 26.8

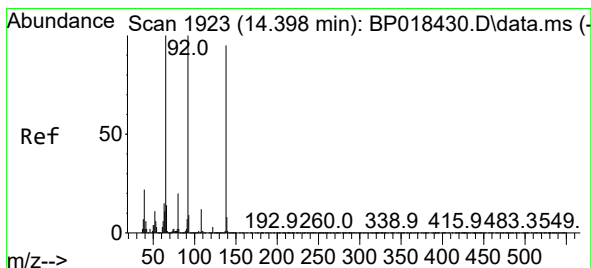
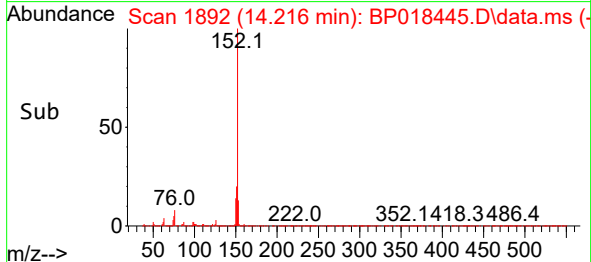
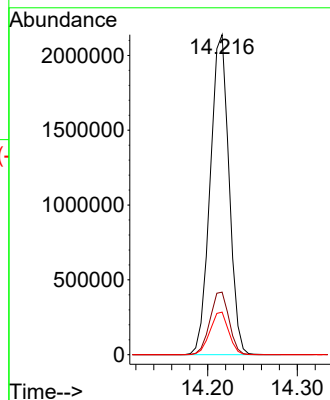
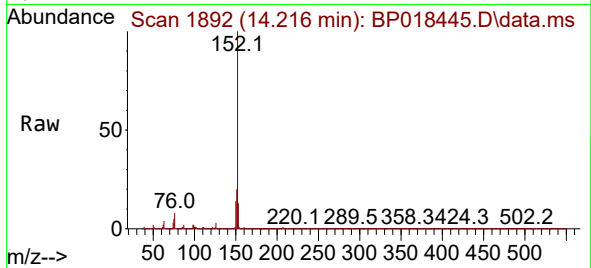




#50
Acenaphthylene
Concen: 27.961 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

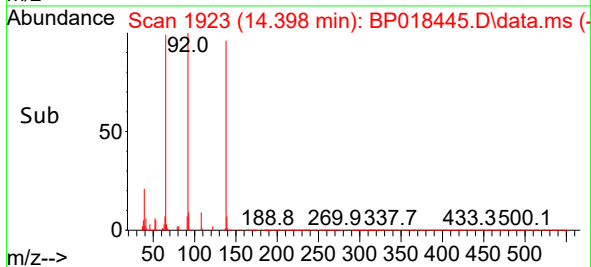
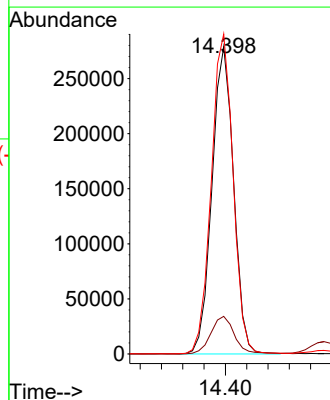
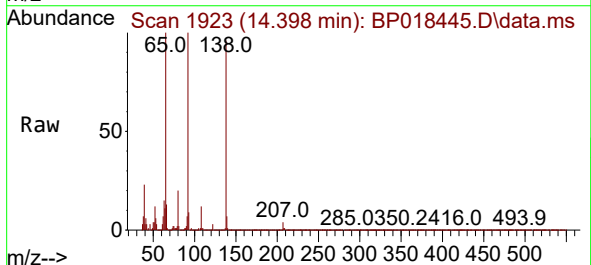
Instrument :
BNA_P
ClientSampleId :

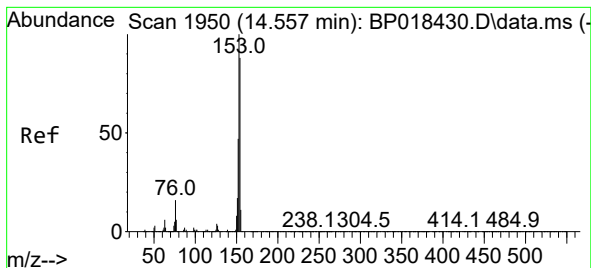
Tgt Ion:152 Resp: 3109683
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.8 16.2



#51
3-Nitroaniline
Concen: 27.285 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:138 Resp: 391589
Ion Ratio Lower Upper
138 100
108 12.2 13.2 19.8#
92 104.2 90.2 135.4





#52

Acenaphthene

Concen: 27.950 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

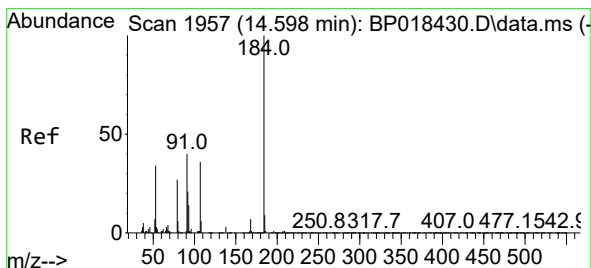
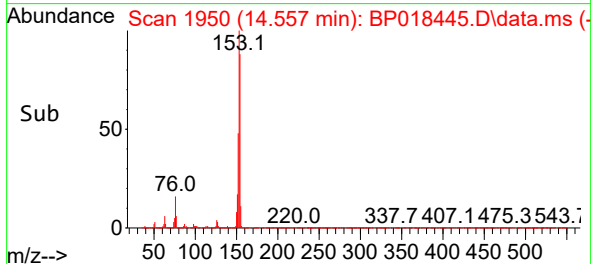
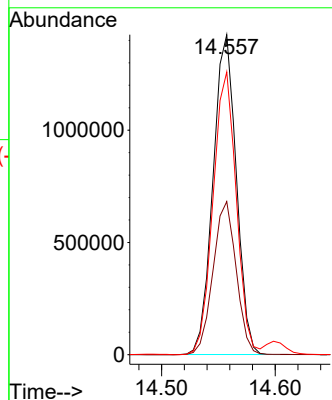
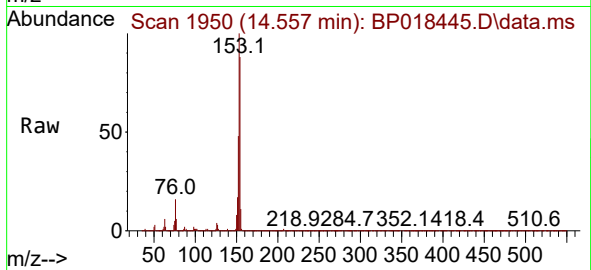
Tgt Ion:153 Resp: 2030622

Ion Ratio Lower Upper

153 100

152 47.9 37.8 56.8

154 88.4 71.2 106.8



#53

2,4-Dinitrophenol

Concen: 27.569 ng/ul

RT: 14.598 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

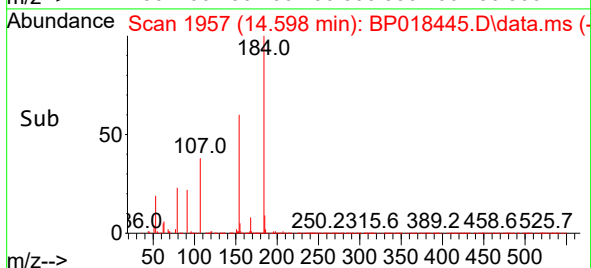
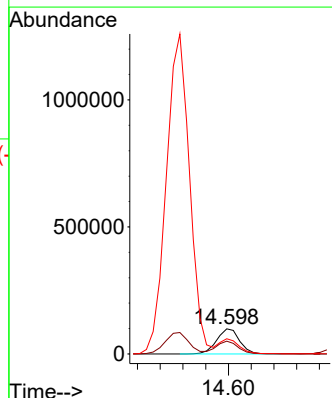
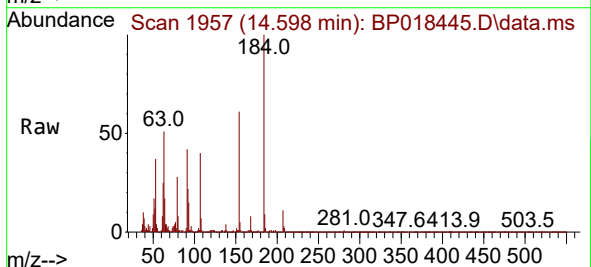
Tgt Ion:184 Resp: 138933

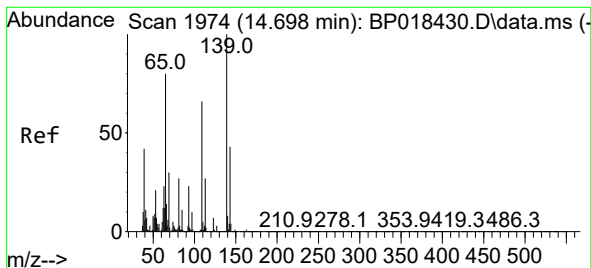
Ion Ratio Lower Upper

184 100

63 51.2 41.8 62.6

154 60.5 47.3 70.9

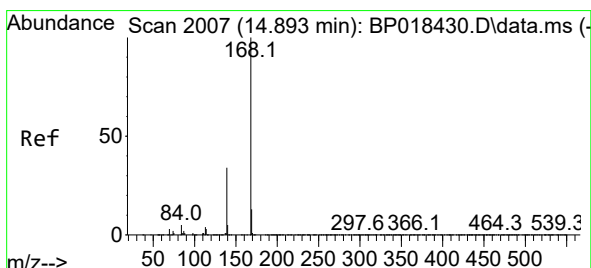
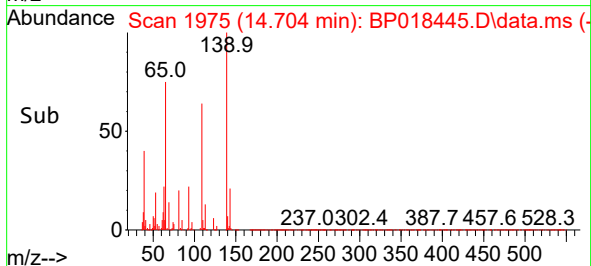
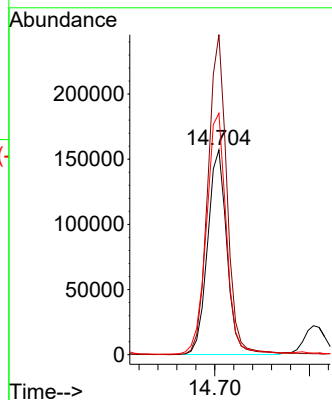
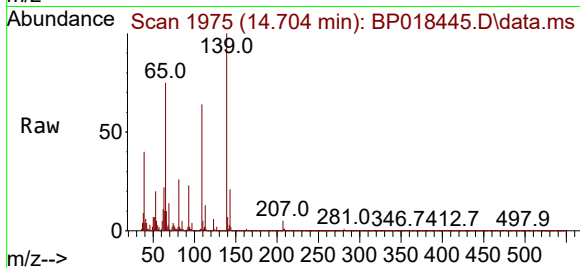




#55
4-Nitrophenol
Concen: 24.929 ng/ul
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

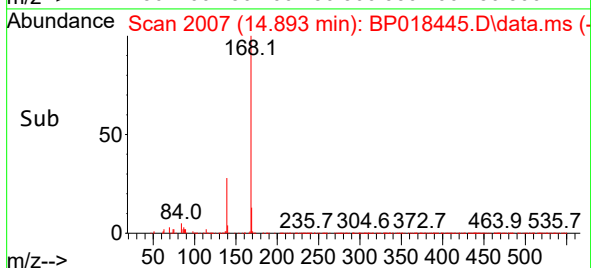
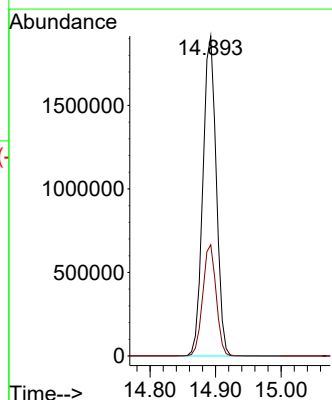
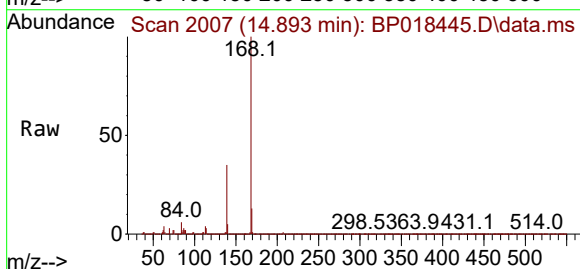
Instrument :
BNA_P
ClientSampleId :

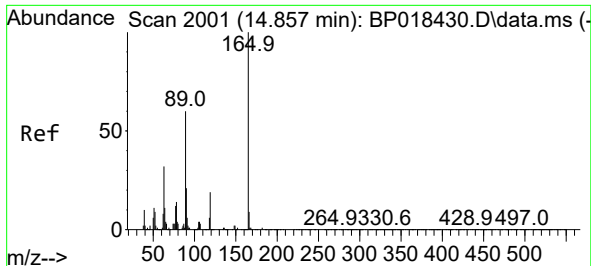
Tgt Ion:109 Resp: 223255
Ion Ratio Lower Upper
109 100
139 156.3 113.0 169.4
65 117.9 99.6 149.4



#56
Dibenzofuran
Concen: 27.354 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:168 Resp: 2716963
Ion Ratio Lower Upper
168 100
139 34.8 29.0 43.4





#57

2,4-Dinitrotoluene

Concen: 27.668 ng/ul

RT: 14.857 min Scan# 2001

Delta R.T. 0.006 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

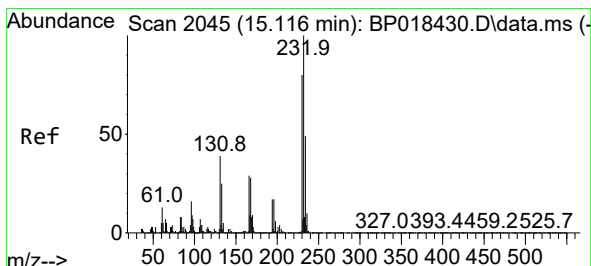
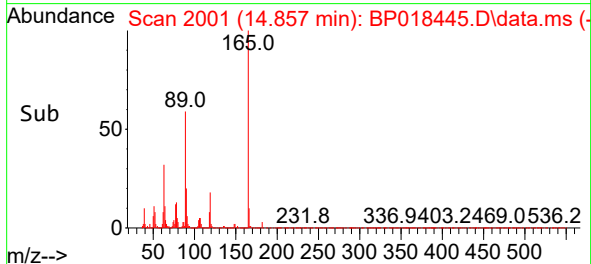
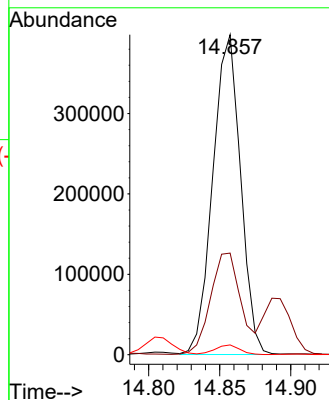
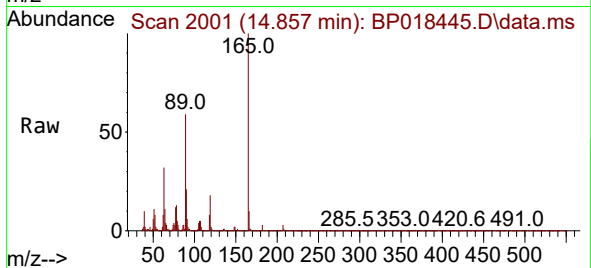
Tgt Ion:165 Resp: 540083

Ion Ratio Lower Upper

165 100

63 31.7 32.1 48.1#

182 3.1 2.0 3.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.070 ng/ul

RT: 15.116 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Tgt Ion:232 Resp: 479822

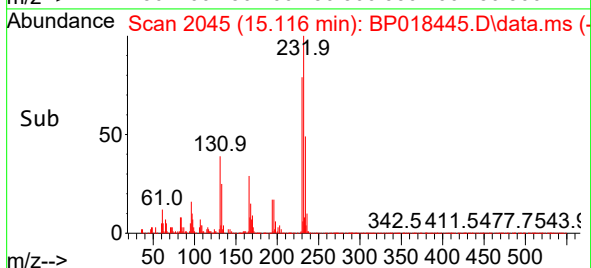
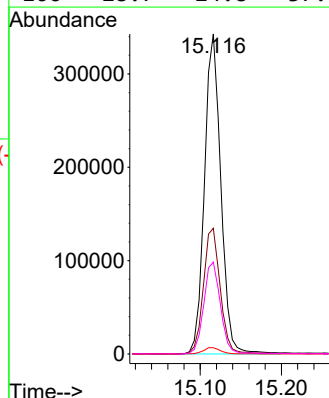
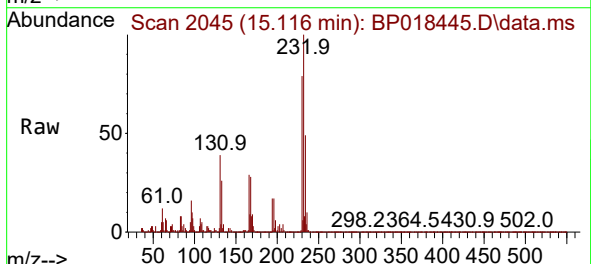
Ion Ratio Lower Upper

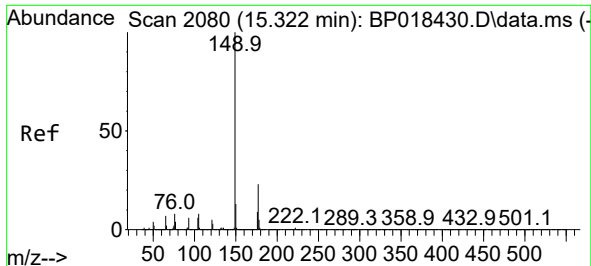
232 100

131 39.3 34.1 51.1

130 1.9 1.8 2.6

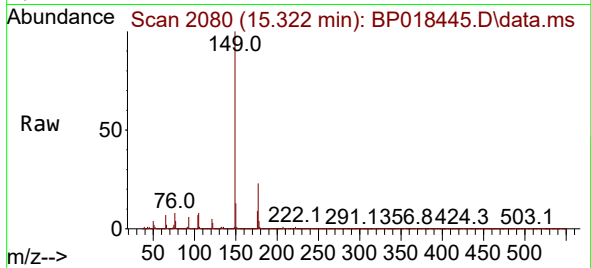
166 28.7 24.8 37.2



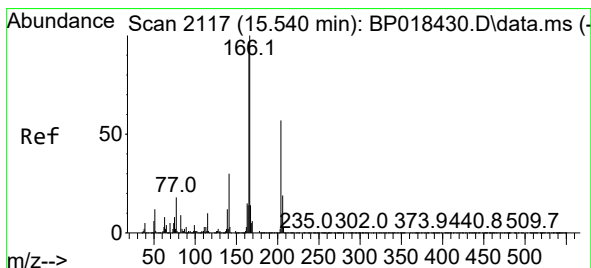
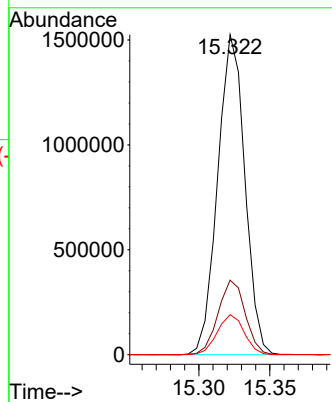
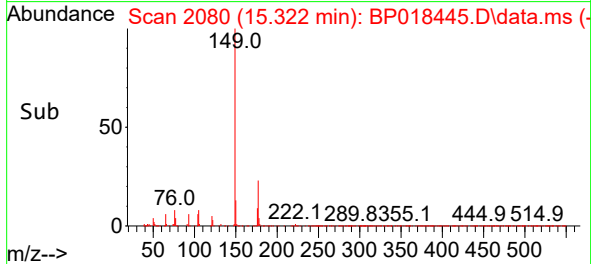


#59
Diethylphthalate
Concen: 23.536 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

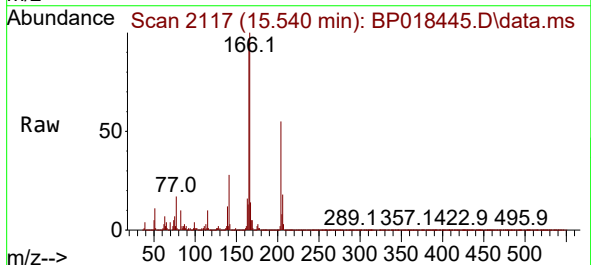
Instrument :
BNA_P
ClientSampleId :



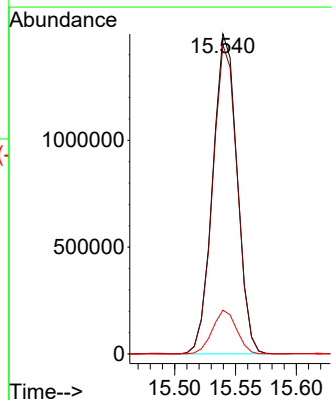
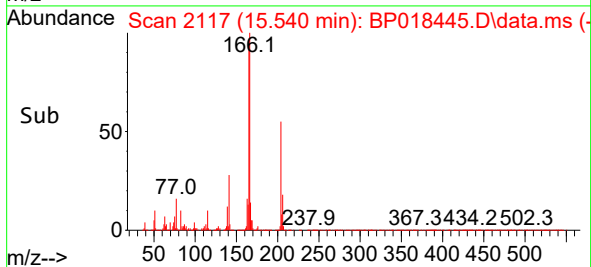
Tgt Ion:149 Resp: 2025639
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.5 10.2 15.2

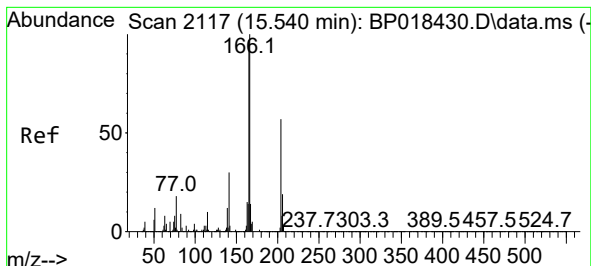


#61
Fluorene
Concen: 25.773 ng/ul
RT: 15.540 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33



Tgt Ion:166 Resp: 2087568
Ion Ratio Lower Upper
166 100
165 96.6 77.5 116.3
167 13.7 10.6 16.0

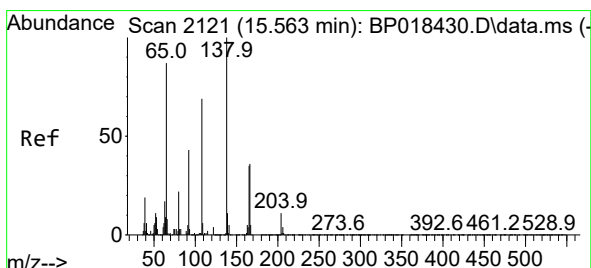
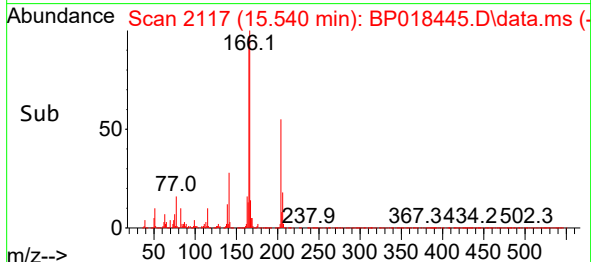
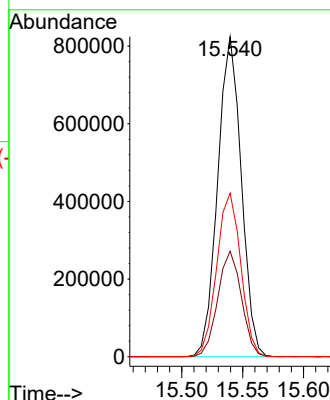
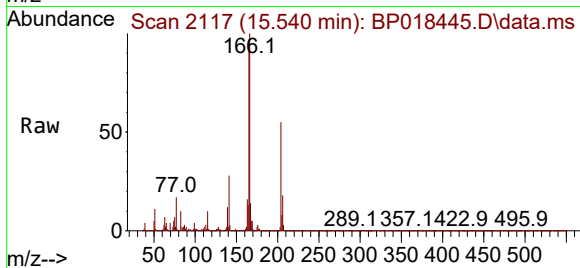




#62
4-Chlorophenyl-phenylether
Concen: 27.044 ng/ul
RT: 15.540 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

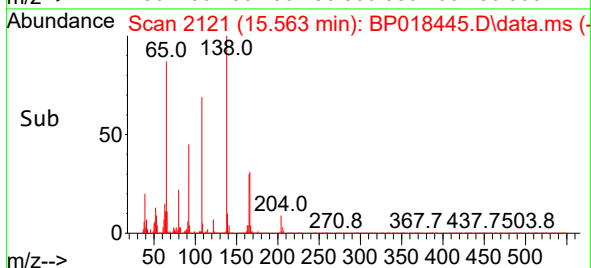
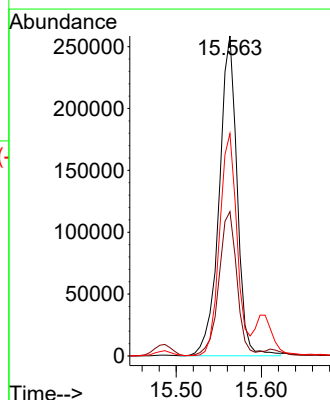
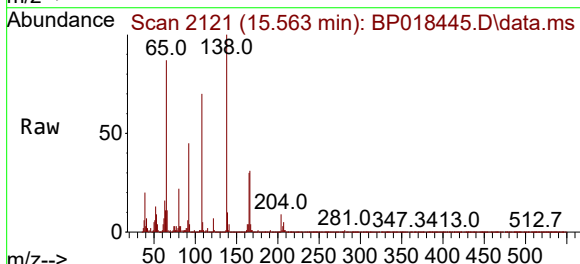
Instrument :
BNA_P
ClientSampleId :

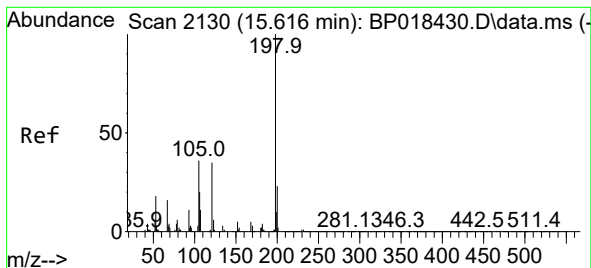
Tgt Ion:204 Resp: 1112338
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 51.1 44.8 67.2



#63
4-Nitroaniline
Concen: 27.992 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

Tgt Ion:138 Resp: 379136
Ion Ratio Lower Upper
138 100
92 45.1 39.3 58.9
108 69.5 61.8 92.6

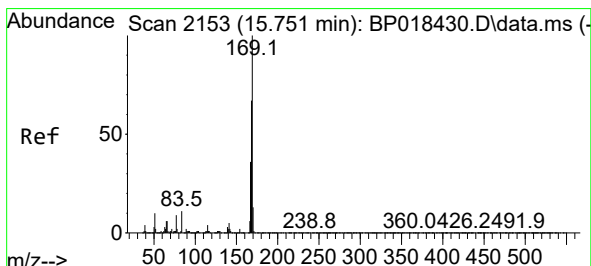
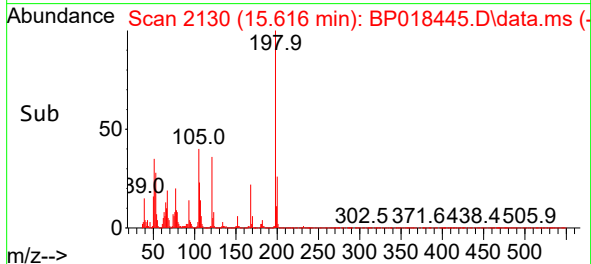
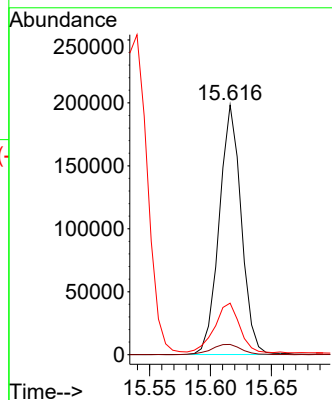
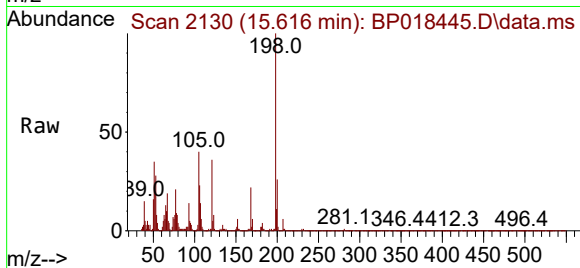




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.811 ng/ul
 RT: 15.616 min Scan# 2130
 Delta R.T. 0.000 min
 Lab File: BP018445.D
 Acq: 28 Nov 2023 17:33

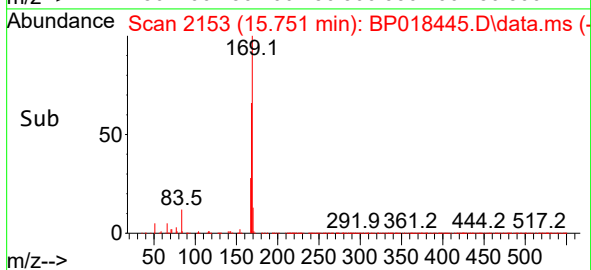
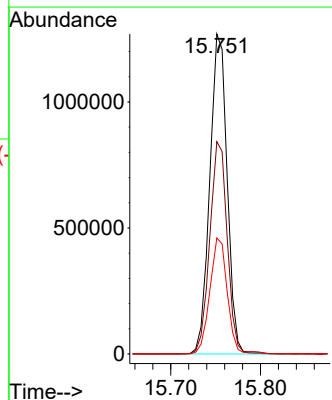
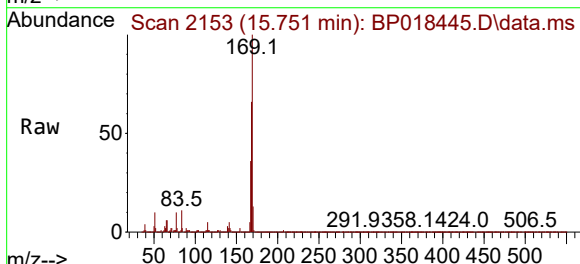
Instrument :
 BNA_P
 ClientSampleId :

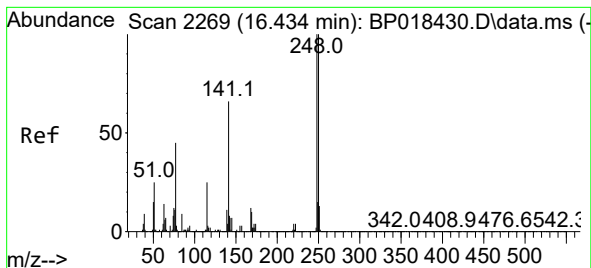
Tgt Ion:198 Resp: 249787
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.0 4.4
 77 20.7 17.3 25.9



#67
 N-Nitrosodiphenylamine
 Concen: 29.227 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: BP018445.D
 Acq: 28 Nov 2023 17:33

Tgt Ion:169 Resp: 1701926
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.1 79.7
 167 36.3 28.8 43.2





#68

4-Bromophenyl-phenylether

Concen: 29.699 ng/ul

RT: 16.434 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

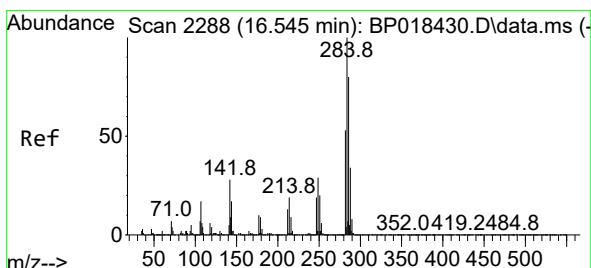
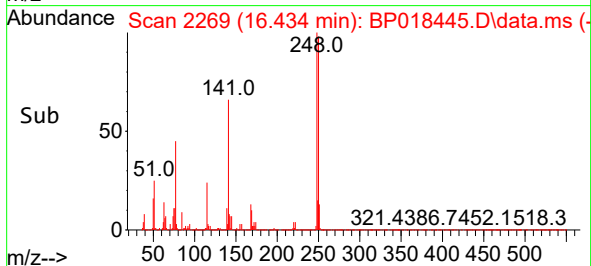
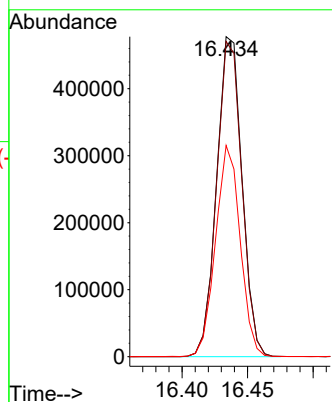
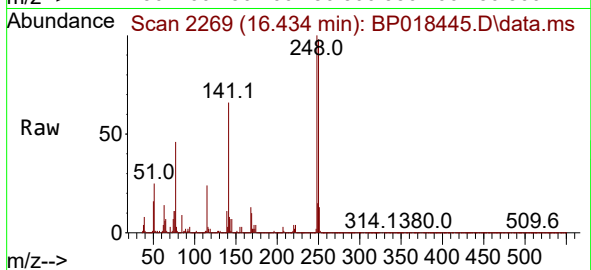
Tgt Ion:248 Resp: 643886

Ion Ratio Lower Upper

248 100

250 98.5 77.4 116.2

141 66.0 56.0 84.0



#69

Hexachlorobenzene

Concen: 30.953 ng/ul

RT: 16.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

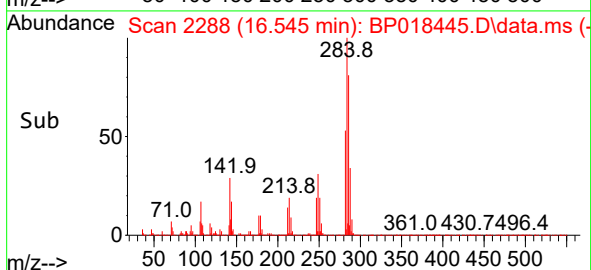
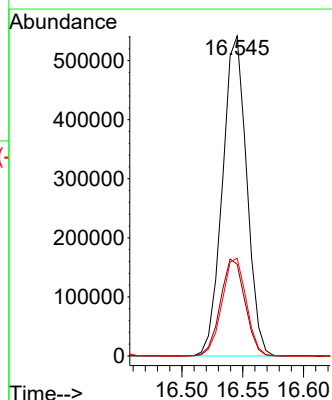
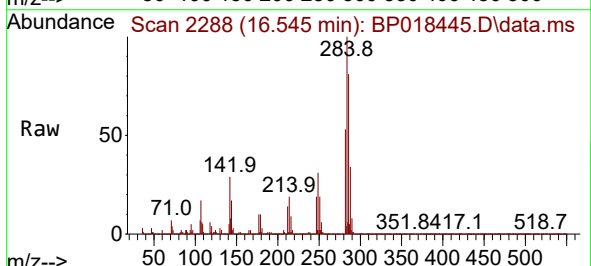
Tgt Ion:284 Resp: 750226

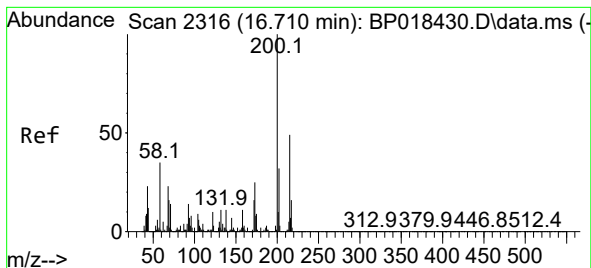
Ion Ratio Lower Upper

284 100

142 28.7 28.9 43.3#

249 30.6 26.0 39.0





#70

Atrazine

Concen: 22.122 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

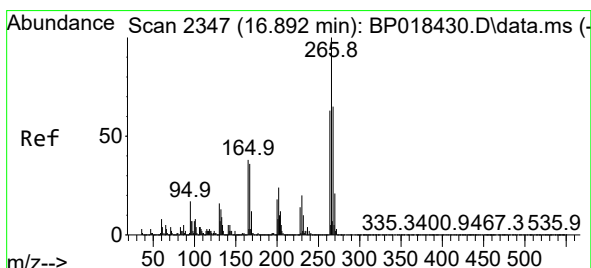
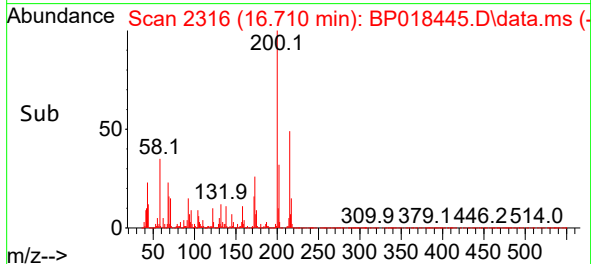
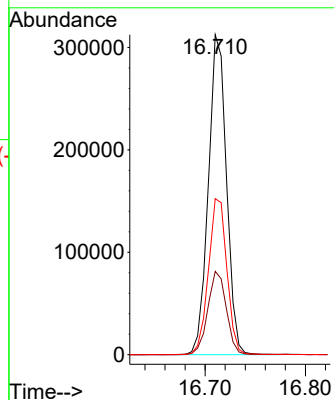
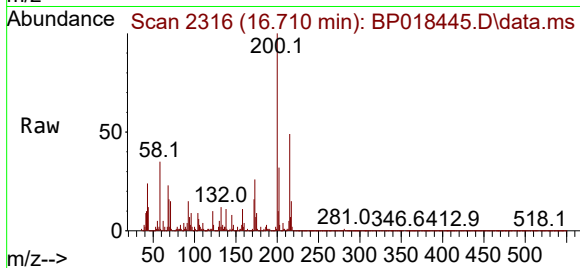
Tgt Ion:200 Resp: 393266

Ion Ratio Lower Upper

200 100

173 26.1 21.1 31.7

215 48.8 38.3 57.5



#71

Pentachlorophenol

Concen: 29.650 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

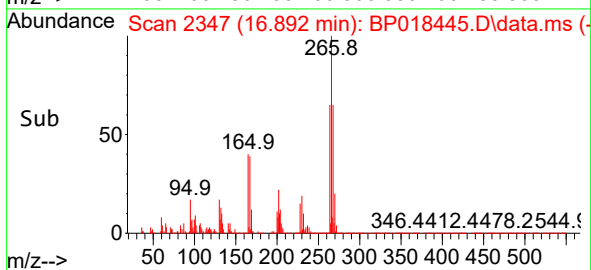
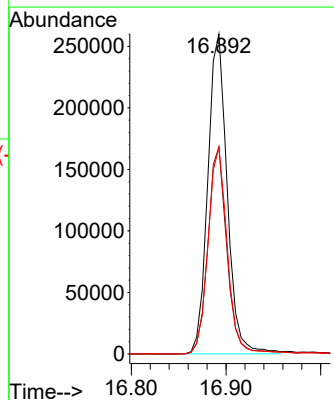
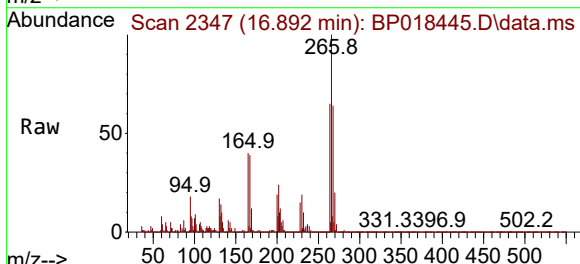
Tgt Ion:266 Resp: 369249

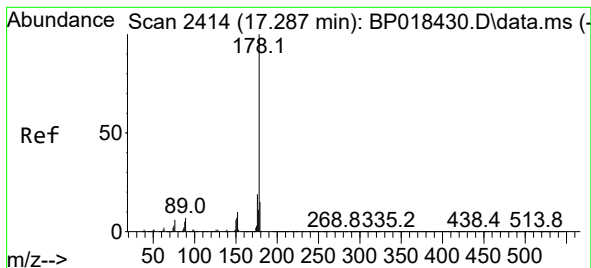
Ion Ratio Lower Upper

266 100

264 64.7 50.1 75.1

268 64.5 50.1 75.1





#72

Phenanthrene

Concen: 28.951 ng/ul

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

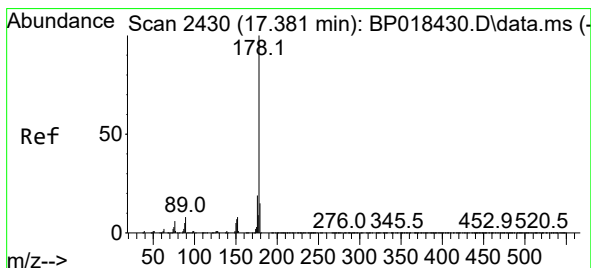
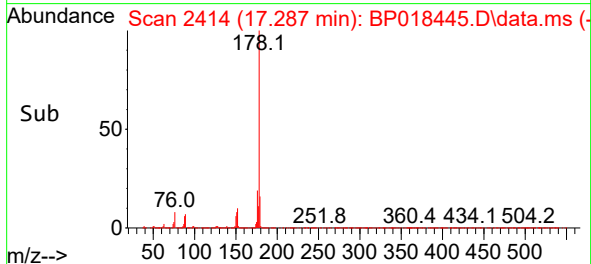
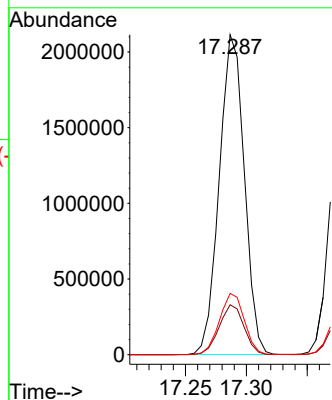
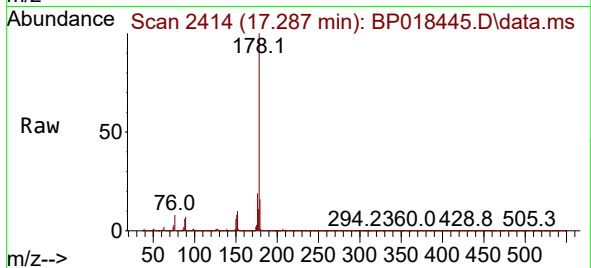
Tgt Ion:178 Resp: 3023886

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.2 15.1 22.7



#74

Anthracene

Concen: 27.979 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

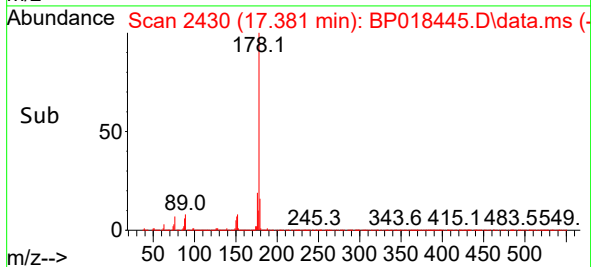
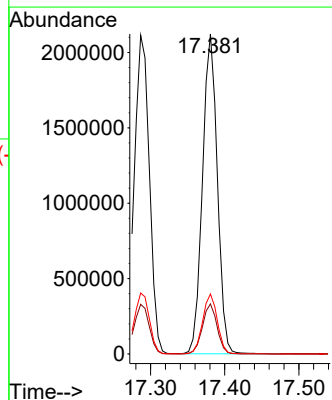
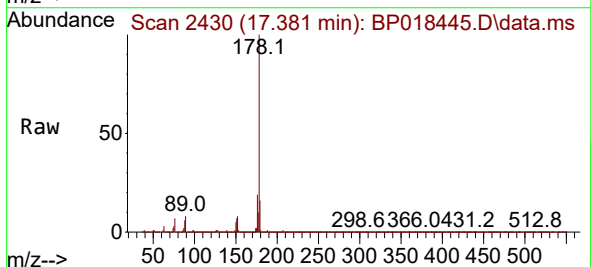
Tgt Ion:178 Resp: 2949808

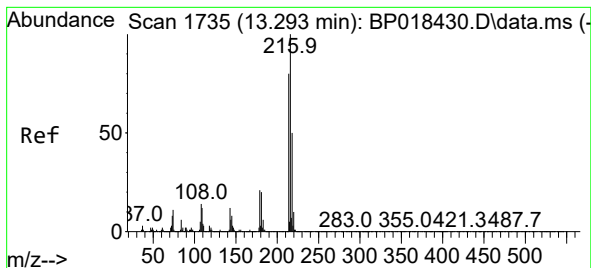
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.570 ng/uL

RT: 13.287 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

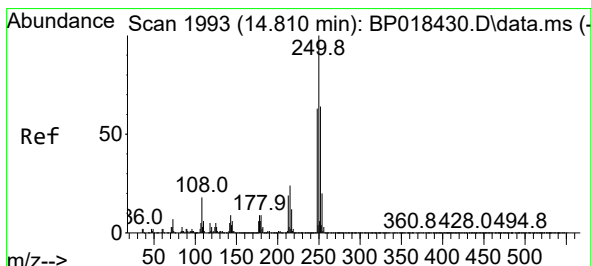
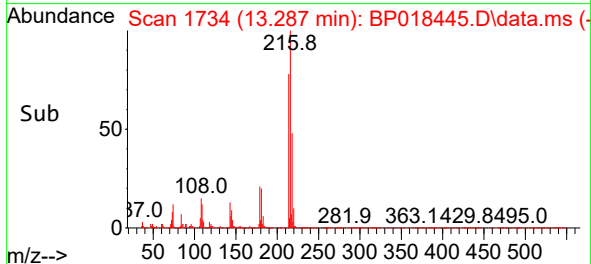
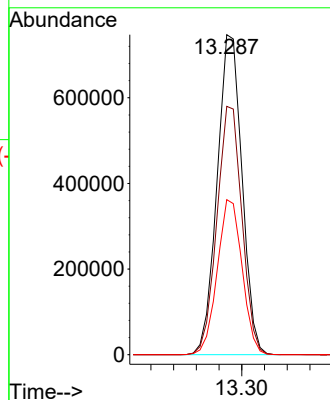
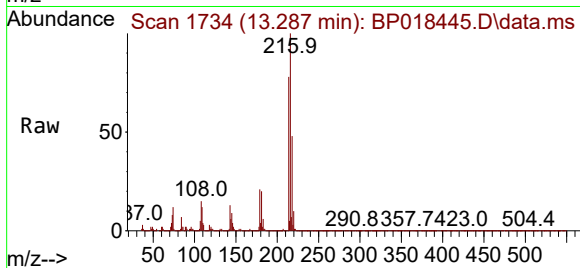
Tgt Ion:216 Resp: 1138438

Ion Ratio Lower Upper

216 100

214 77.6 62.0 93.0

218 48.5 38.6 57.8



#76

Pentachlorobenzene

Concen: 35.319 ng/uL

RT: 14.810 min Scan# 1993

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

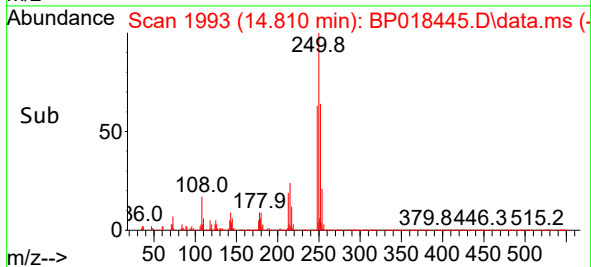
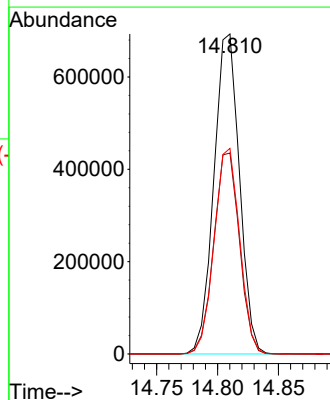
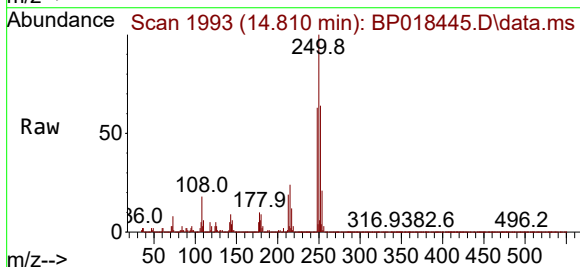
Tgt Ion:250 Resp: 1012628

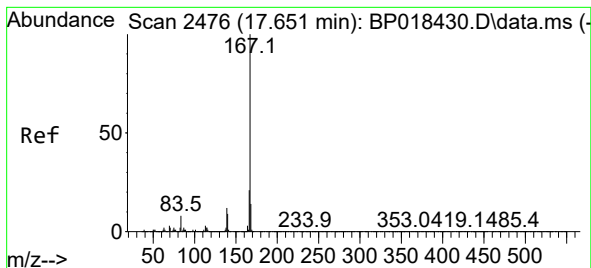
Ion Ratio Lower Upper

250 100

248 62.8 51.0 76.6

252 64.2 51.5 77.3





#77

Carbazole

Concen: 30.740 ng/ul

RT: 17.651 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

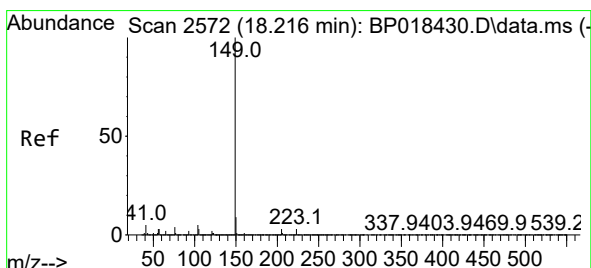
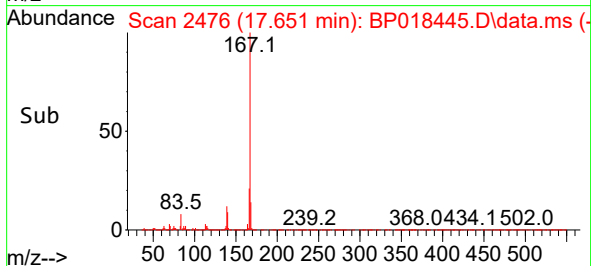
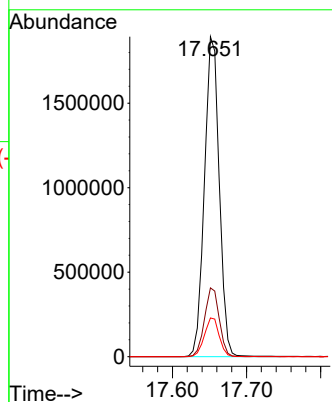
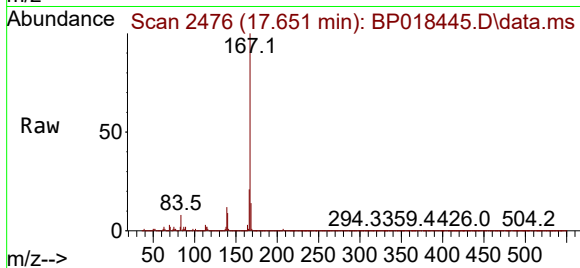
Tgt Ion:167 Resp: 2625579

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 12.1 10.0 15.0



#78

Di-n-butylphthalate

Concen: 24.483 ng/ul

RT: 18.222 min Scan# 2573

Delta R.T. 0.006 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

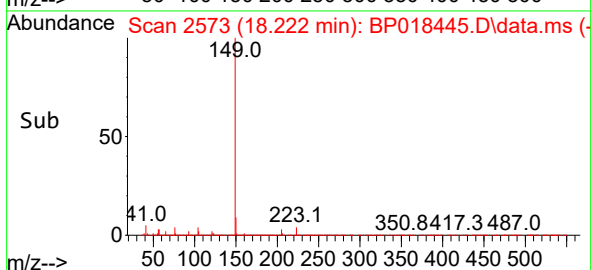
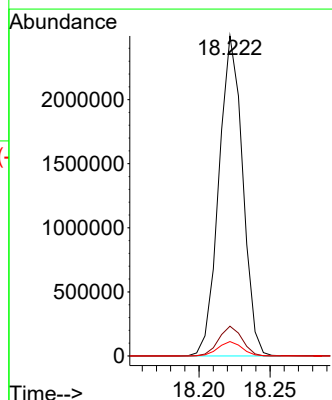
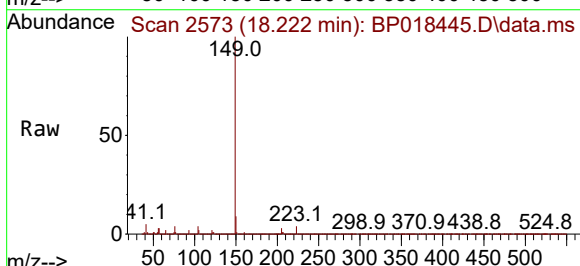
Tgt Ion:149 Resp: 2908753

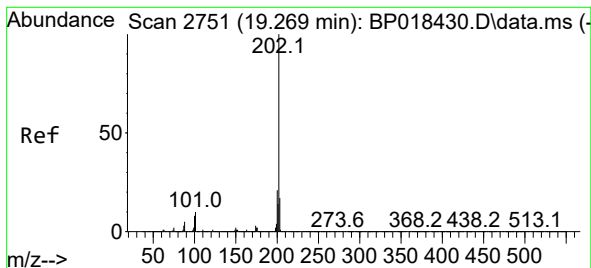
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.5 3.8 5.6





#80

Fluoranthene

Concen: 20.758 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

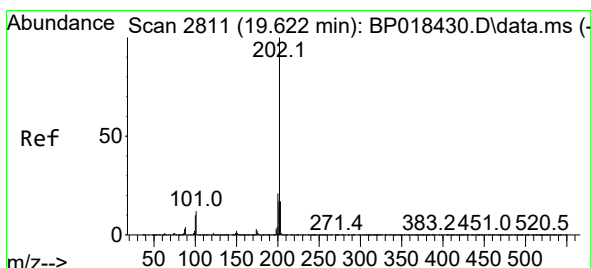
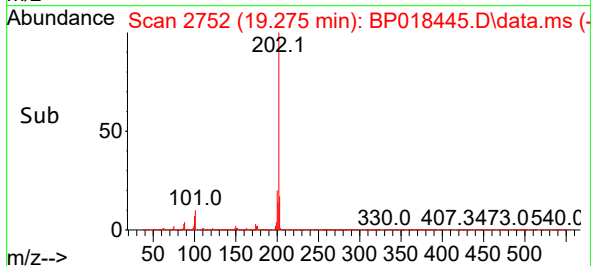
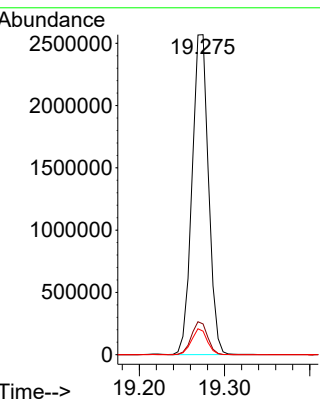
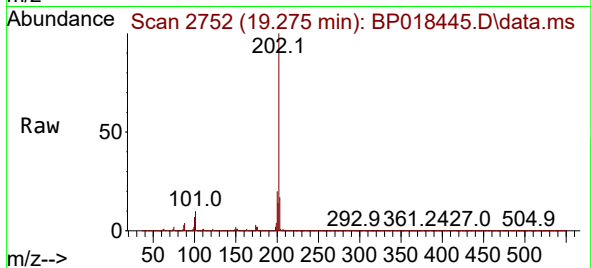
Tgt Ion:202 Resp: 3438499

Ion Ratio Lower Upper

202 100

101 9.6 8.6 13.0

100 7.4 6.7 10.1



#82

Pyrene

Concen: 21.725 ng/ul

RT: 19.628 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

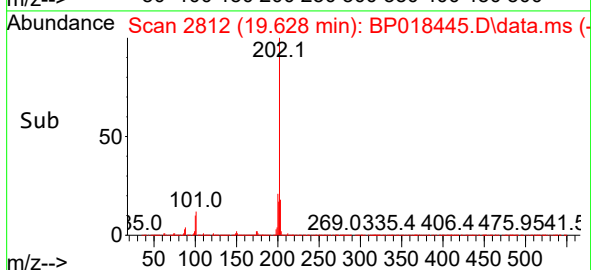
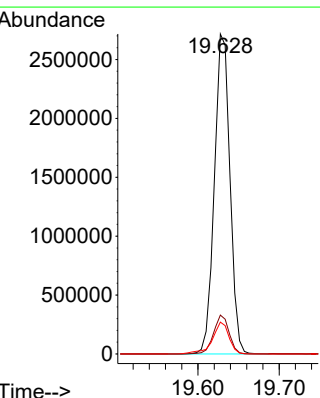
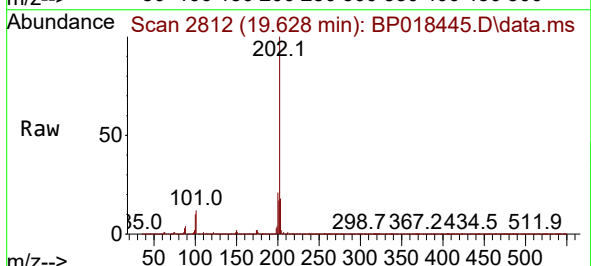
Tgt Ion:202 Resp: 3623787

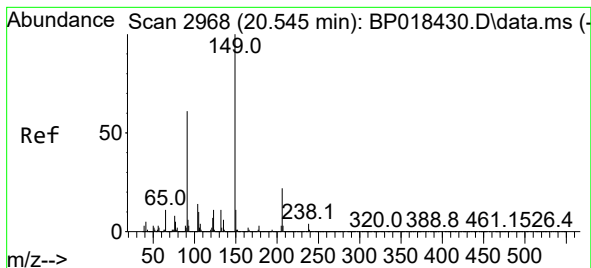
Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.4

100 9.9 8.4 12.6





#83

Butylbenzylphthalate

Concen: 20.326 ng/ul

RT: 20.569 min Scan# 2968

Delta R.T. 0.024 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

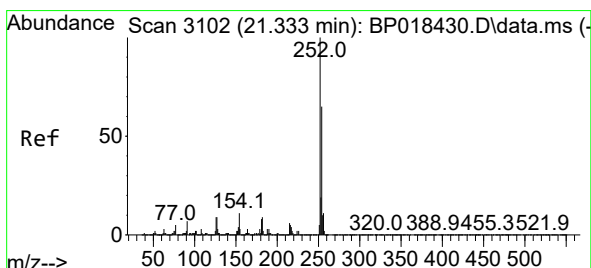
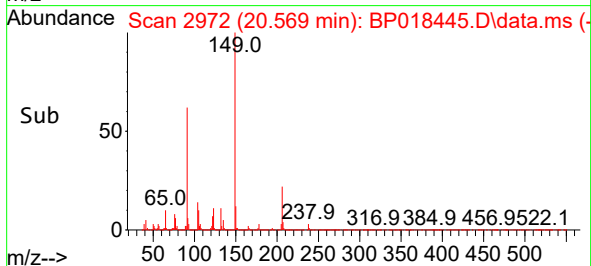
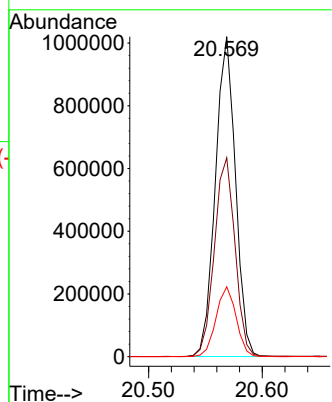
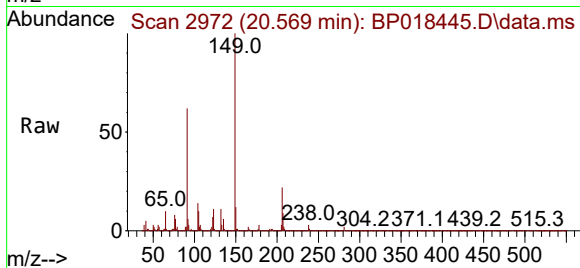
Tgt Ion:149 Resp: 1254671

Ion Ratio Lower Upper

149 100

91 62.2 53.7 80.5

206 21.9 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 28.417 ng/ul

RT: 21.369 min Scan# 3108

Delta R.T. 0.035 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

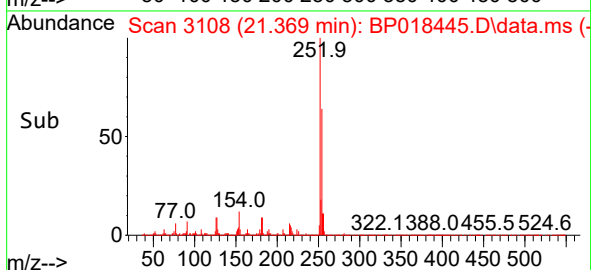
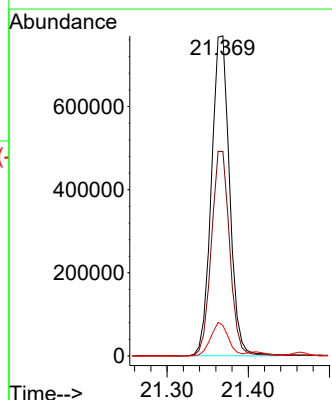
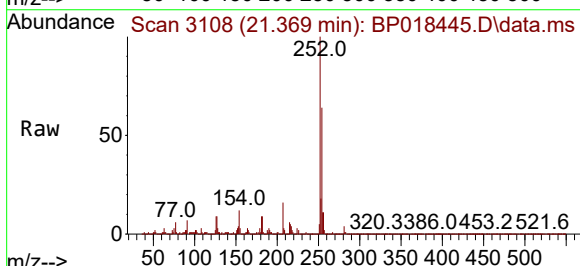
Tgt Ion:252 Resp: 1197396

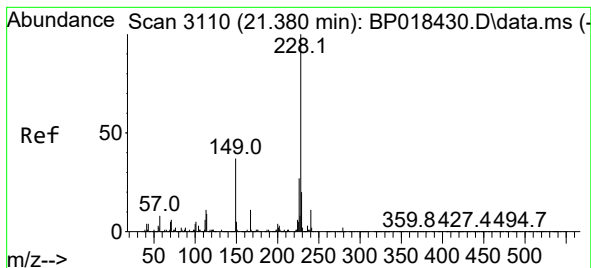
Ion Ratio Lower Upper

252 100

254 63.9 51.1 76.7

126 9.5 8.6 12.8





#85

Benzo(a)anthracene

Concen: 28.398 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.030 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

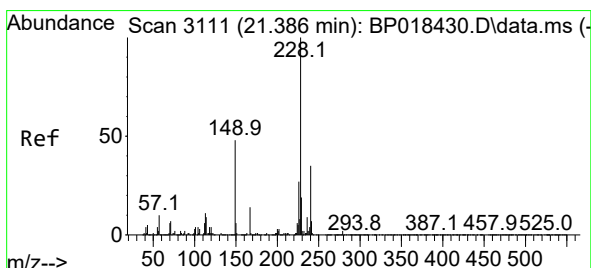
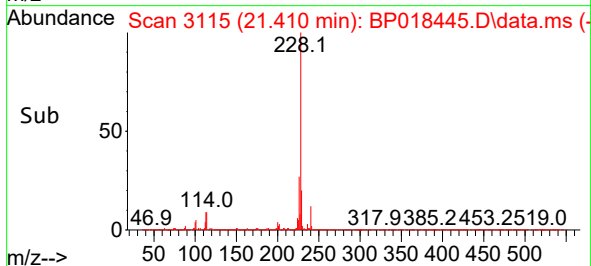
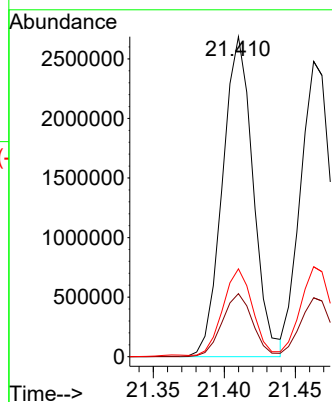
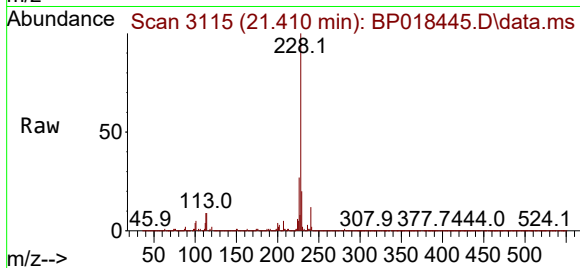
Tgt Ion:228 Resp: 4032015

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.2

226 27.4 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.313 ng/ul

RT: 21.457 min Scan# 3123

Delta R.T. 0.071 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

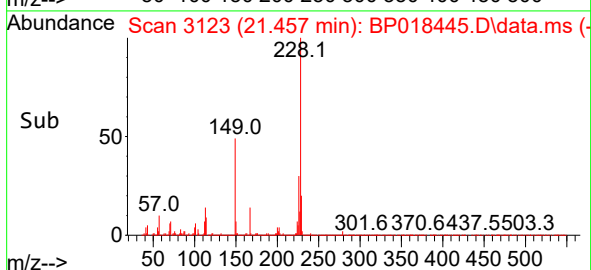
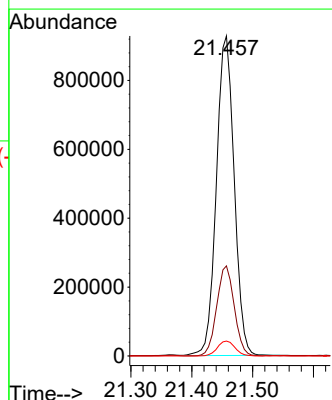
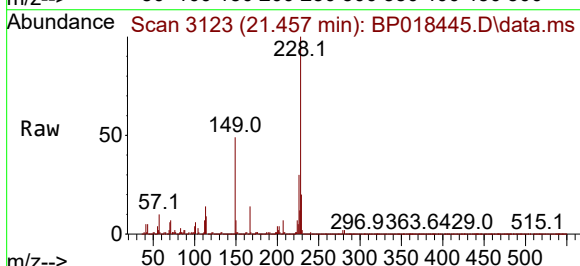
Tgt Ion:149 Resp: 1881208

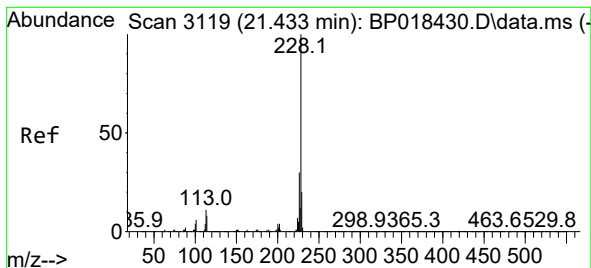
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.7 3.4 5.0





#87

Chrysene

Concen: 28.678 ng/ul

RT: 21.463 min Scan# 3119

Delta R.T. 0.030 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Instrument :

BNA_P

ClientSampleId :

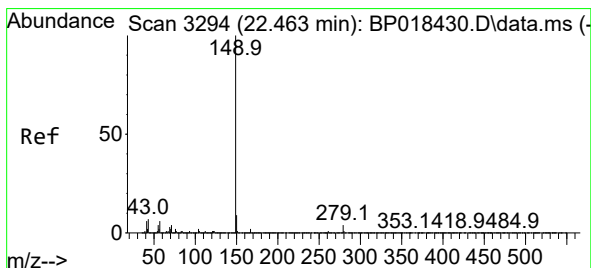
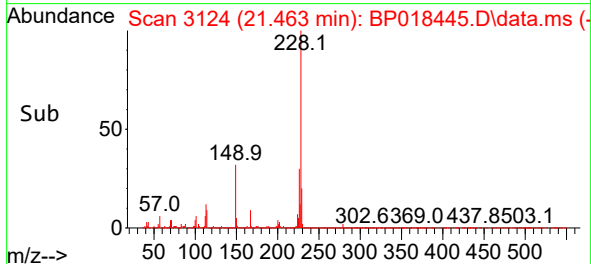
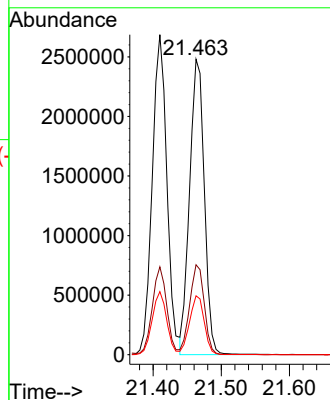
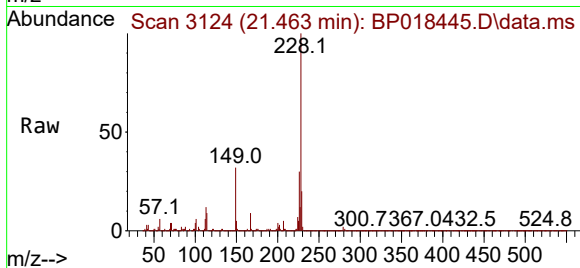
Tgt Ion:228 Resp: 3705349

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 19.9 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 21.401 ng/ul

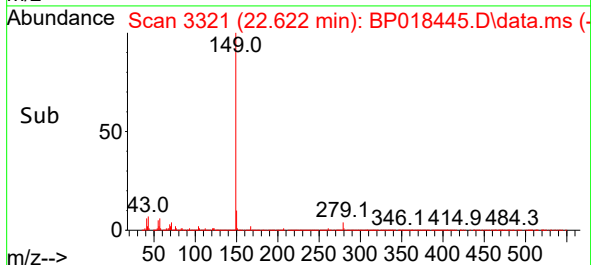
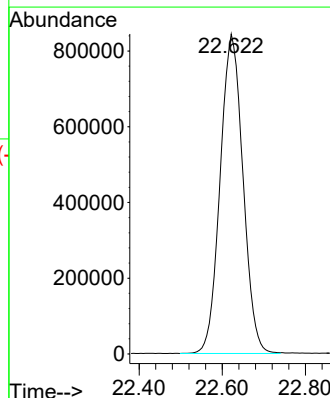
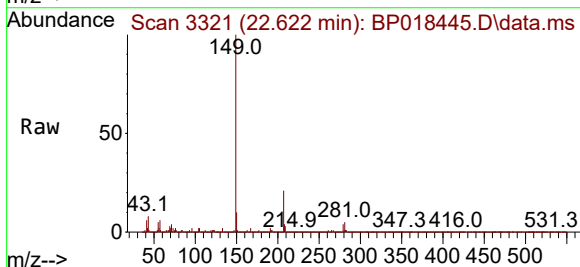
RT: 22.622 min Scan# 3321

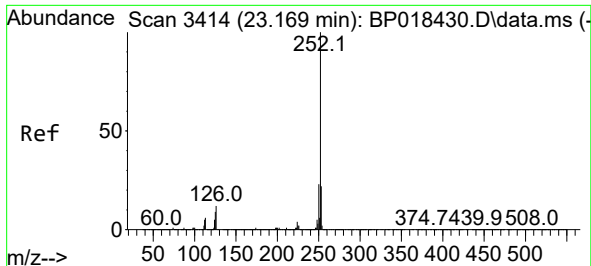
Delta R.T. 0.165 min

Lab File: BP018445.D

Acq: 28 Nov 2023 17:33

Tgt Ion:149 Resp: 3210336

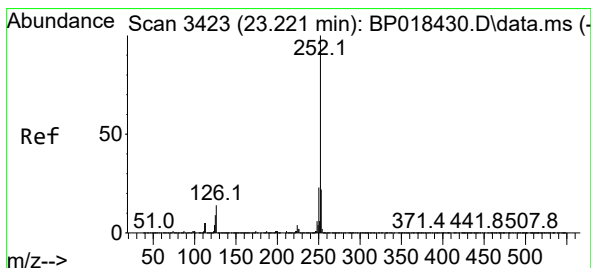
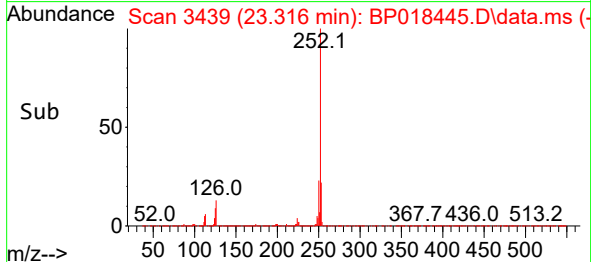
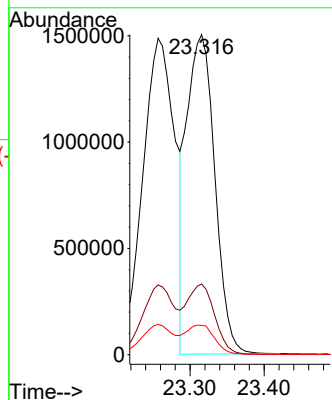
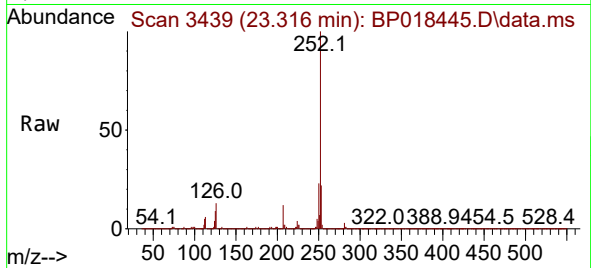




#90
Benzo(b)fluoranthene
Concen: 26.723 ng/ul
RT: 23.316 min Scan# 3414
Delta R.T. 0.147 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

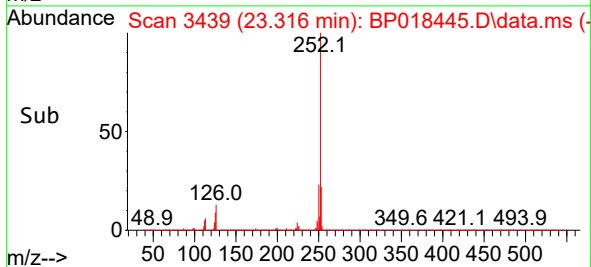
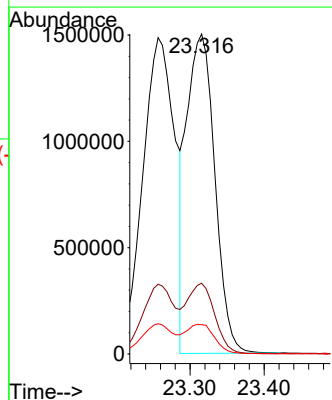
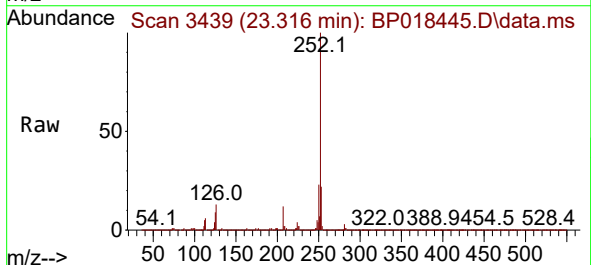
Instrument :
BNA_P
ClientSampleId :

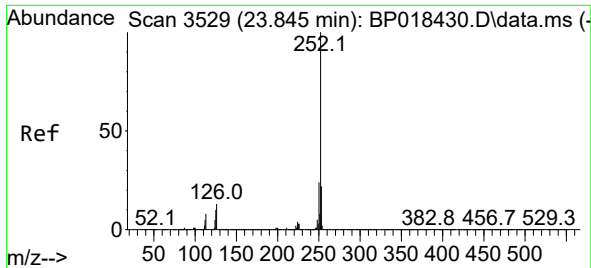
Tgt Ion:252 Resp: 3955054
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.2 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 26.844 ng/ul
RT: 23.316 min Scan# 3439
Delta R.T. 0.094 min
Lab File: BP018445.D
Acq: 28 Nov 2023 17:33

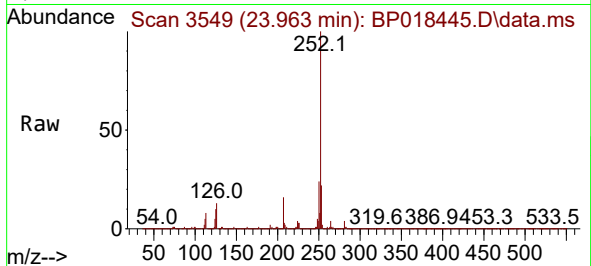
Tgt Ion:252 Resp: 3955054
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.2 8.0 12.0





#93
 Benzo(a)pyrene
 Concen: 29.713 ng/ul
 RT: 23.963 min Scan# 31
 Delta R.T. 0.118 min
 Lab File: BP018445.D
 Acq: 28 Nov 2023 17:33

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:252 Resp: 4044139
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 10.2 8.8 13.2

