

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018385.D
 Acq On : 26 Nov 2023 00:56
 Operator : MA/JU
 Sample : PB157275BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 00:05:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	474766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1782060	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	947806	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1651421	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1588912	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1972372	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	73201	5.775	ng/uL	0.00
4) Pyridine-d5	3.687	84	840983	24.142	ng/u1	0.00
7) Phenol-d5	7.028	99	1265971	29.177	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	715721	27.585	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	1086017	29.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	983485	28.087	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	495222	34.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	507552	37.968	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	1015930	31.501	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	887964	20.414	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2522824	29.914	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2955077	30.751	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	348428	29.927	ng/u1	0.00
60) Fluorene-d10	15.492	176	2052479	29.096	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	265822	37.812	ng/u1	0.00
73) Anthracene-d10	17.345	188	2702438	30.616	ng/u1	0.00
81) Pyrene-d10	19.586	212	3091754	24.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	3712285	32.464	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	146630	10.788	ng/uL#	90
5) Pyridine	3.705	79	927711	26.431	ng/u1	96
6) Benzaldehyde	7.005	77	536980	23.387	ng/u1	95
8) Phenol	7.058	94	1236923	29.062	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.293	93	1035398	29.205	ng/u1	98
12) 2-Chlorophenol	7.428	128	1067225	29.201	ng/u1	95
13) 2-Methylphenol	8.310	108	937646	28.284	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1237465	24.556	ng/u1	95
16) Acetophenone	8.693	105	1461866	27.284	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.687	70	673861	22.514	ng/u1	93
18) 4-Methylphenol	8.646	108	978204	27.632	ng/u1	99
19) Hexachloroethane	8.946	117	443876	29.082	ng/u1	94
22) Nitrobenzene	9.069	77	1035966	30.550	ng/u1	96
23) Isophorone	9.599	82	1978127	26.173	ng/u1	99
25) 2-Nitrophenol	9.781	139	547772	36.420	ng/u1	91
26) 2,4-Dimethylphenol	9.846	107	810723	24.008	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1291702	28.298	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	958484	31.026	ng/u1	97
30) Naphthalene	10.716	128	3203059	29.718	ng/u1	99
32) 4-Chloroaniline	10.828	127	966928	23.557	ng/u1	99
33) Hexachlorobutadiene	11.004	225	727976	34.551	ng/u1	98
34) Caprolactam	11.598	113	255981	28.754	ng/u1	88
35) 4-Chloro-3-methylphenol	11.951	107	843256	25.530	ng/u1	95
36) 2-Methylnaphthalene	12.328	142	2116438	27.746	ng/u1	100

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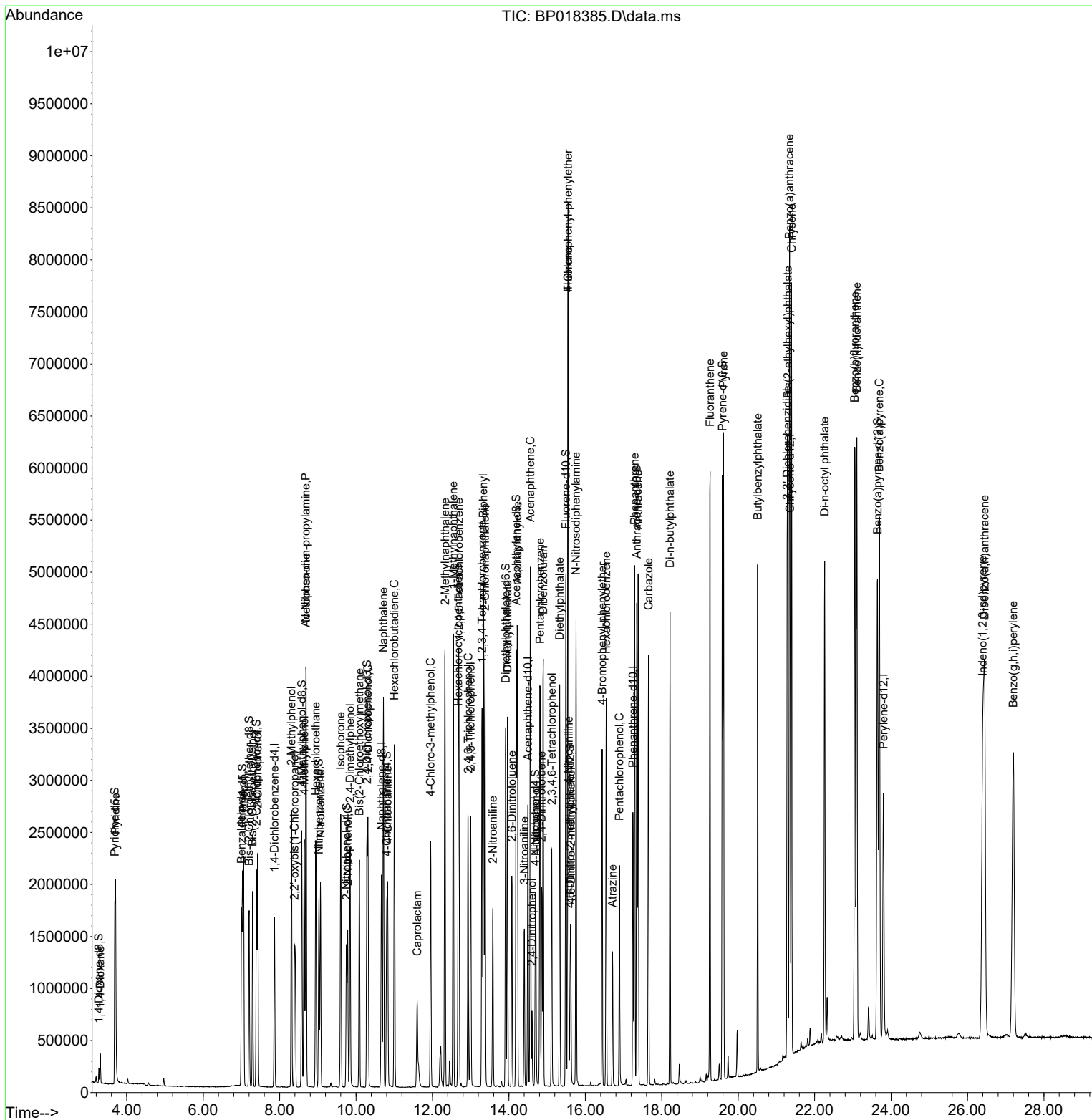
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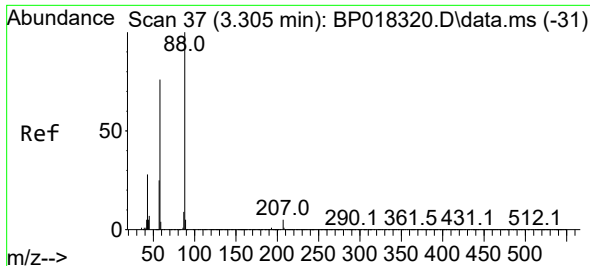
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	2068075	26.934	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	1220040	36.447	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	570021	30.066	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	676989	33.676	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	711846	32.746	ng/ul	100
43) 1,1'-Biphenyl	13.334	154	2654792	32.148	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2108810	32.264	ng/ul	98
45) 2-Nitroaniline	13.581	65	421948	30.003	ng/ul	85
47) Dimethylphthalate	13.963	163	2438587	29.552	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	467568	33.609	ng/ul#	86
50) Acenaphthylene	14.222	152	3227871	30.135	ng/ul	100
51) 3-Nitroaniline	14.404	138	411192	29.747	ng/ul#	91
52) Acenaphthene	14.563	153	2106006	30.097	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	165060	34.007	ng/ul	96
55) 4-Nitrophenol	14.704	109	239069	27.716	ng/ul	95
56) Dibenzofuran	14.898	168	2826740	29.549	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	602683	32.057	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.122	232	499019	29.230	ng/ul	94
59) Diethylphthalate	15.328	149	2243392	27.064	ng/ul	99
61) Fluorene	15.545	166	2185715	28.017	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	1163589	29.373	ng/ul	97
63) 4-Nitroaniline	15.563	138	382821	29.345	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	287191	36.834	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	1795763	32.066	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	668012	32.039	ng/ul	97
69) Hexachlorobenzene	16.545	284	808441	34.683	ng/ul	93
70) Atrazine	16.710	200	242259	14.170	ng/ul	98
71) Pentachlorophenol	16.892	266	381384	31.843	ng/ul	99
72) Phenanthrene	17.292	178	3133018	31.190	ng/ul	100
74) Anthracene	17.381	178	3058747	30.167	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1197320	42.180	ng/ul	99
76) Pentachlorobenzene	14.816	250	1072807	38.907	ng/ul	99
77) Carbazole	17.651	167	2674742	32.562	ng/ul	99
78) Di-n-butylphthalate	18.216	149	3230812	28.276	ng/ul	100
80) Fluoranthene	19.263	202	3519044	23.294	ng/ul	97
82) Pyrene	19.616	202	3690801	24.262	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1393171	24.747	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	1296750	33.743	ng/ul	98
85) Benzo(a)anthracene	21.339	228	4027010	31.098	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2115599	25.047	ng/ul	99
87) Chrysene	21.398	228	3753391	31.853	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	3856804	26.561	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4323932	30.182	ng/ul	98
91) Benzo(k)fluoranthene	23.104	252	4412051	30.936	ng/ul	99
93) Benzo(a)pyrene	23.692	252	4170509	31.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	5232355	34.346	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	4331034	34.727	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	4279379	34.685	ng/ul	98

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

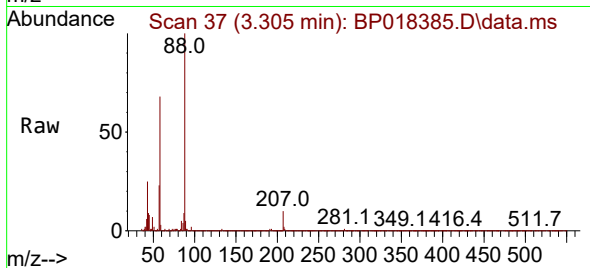
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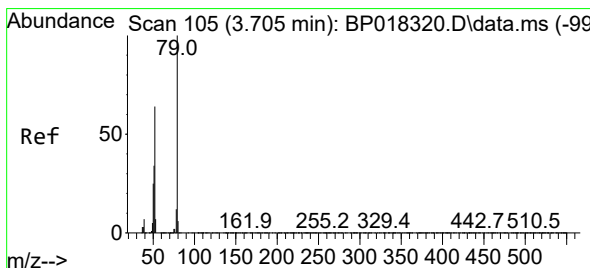
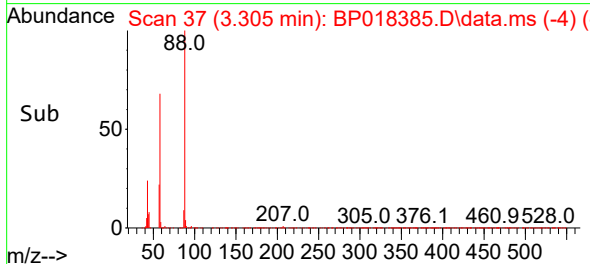
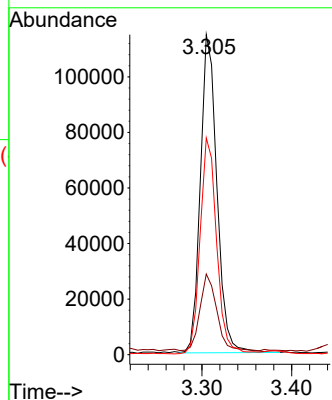


#2
1,4-Dioxane
Concen: 10.788 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Instrument :
BNA_P
ClientSampleId :

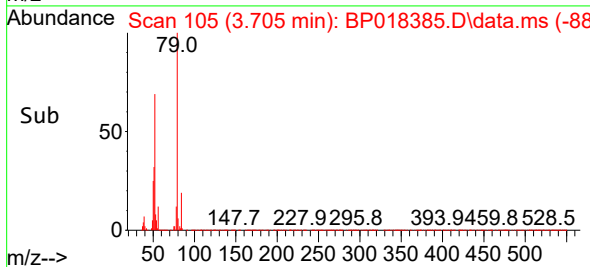
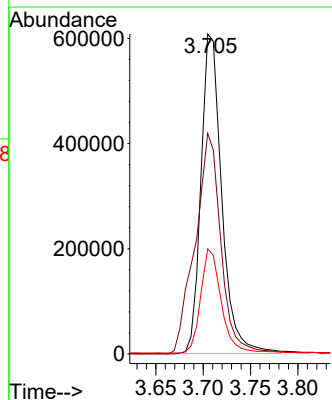
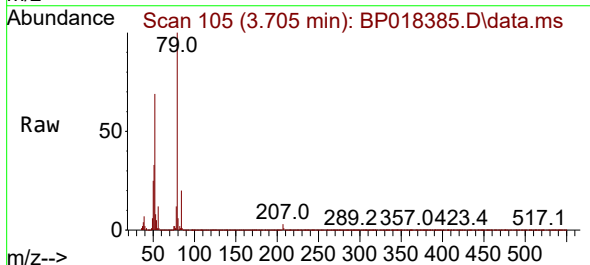


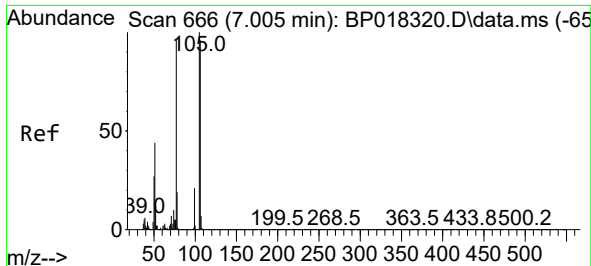
Tgt Ion: 88 Resp: 146630
Ion Ratio Lower Upper
88 100
43 25.2 26.9 40.3#
58 67.7 59.6 89.4



#5
Pyridine
Concen: 26.431 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion: 79 Resp: 927711
Ion Ratio Lower Upper
79 100
52 68.9 57.7 86.5
51 32.8 27.8 41.8

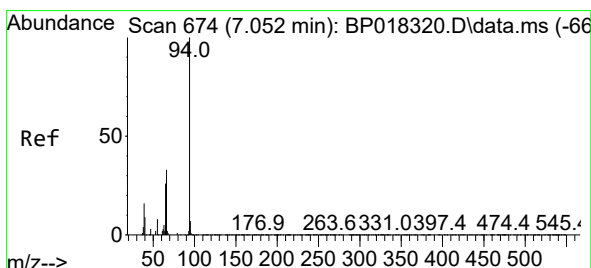
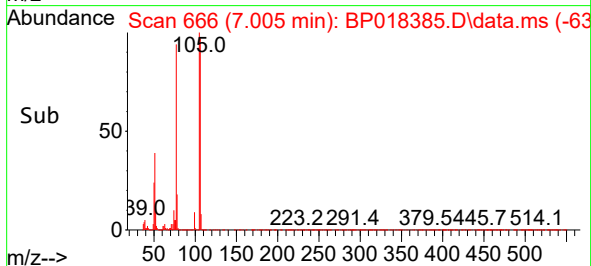
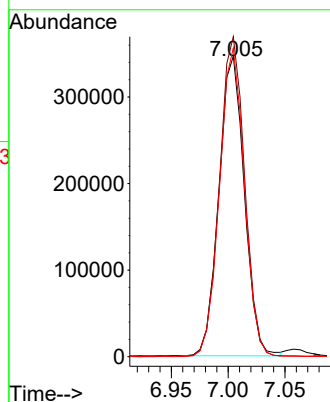
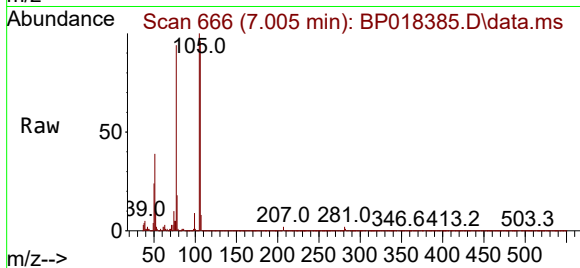




#6
Benzaldehyde
Concen: 23.387 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

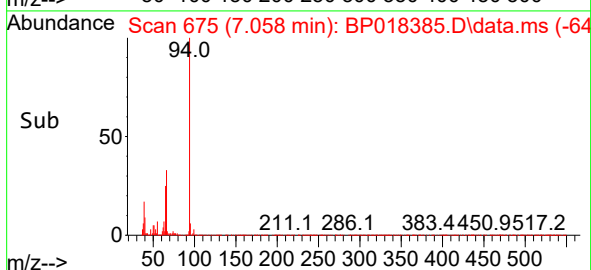
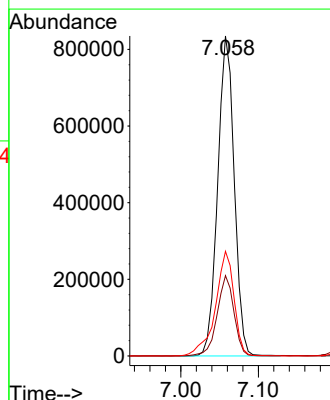
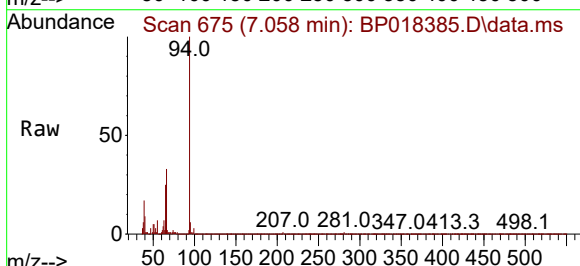
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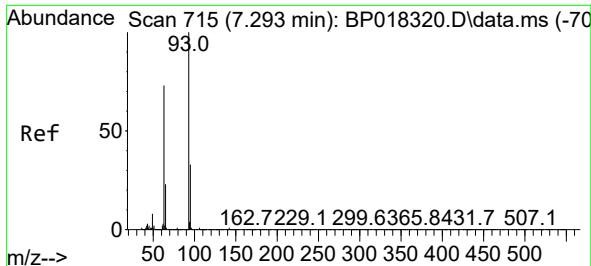
Tgt Ion: 77 Resp: 536980
Ion Ratio Lower Upper
77 100
105 106.5 81.5 122.3
106 102.7 77.9 116.9



#8
Phenol
Concen: 29.062 ng/ul
RT: 7.058 min Scan# 675
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion: 94 Resp: 1236923
Ion Ratio Lower Upper
94 100
65 25.1 21.2 31.8
66 32.7 28.0 42.0

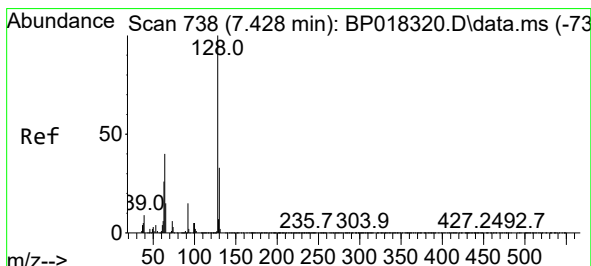
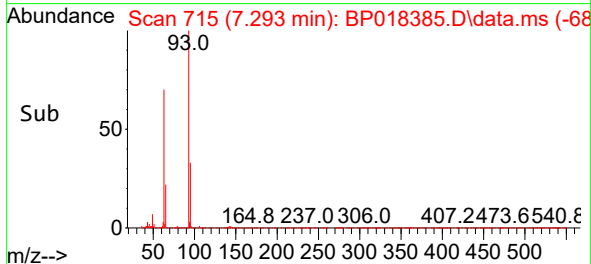
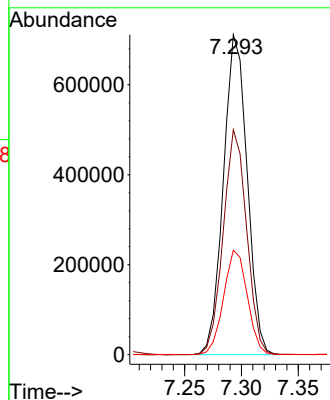
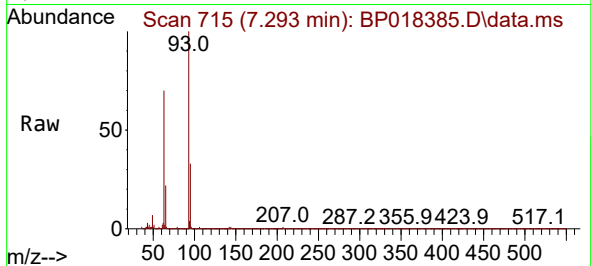




#10
Bis(2-Chloroethyl)ether
Concen: 29.205 ng/ul
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

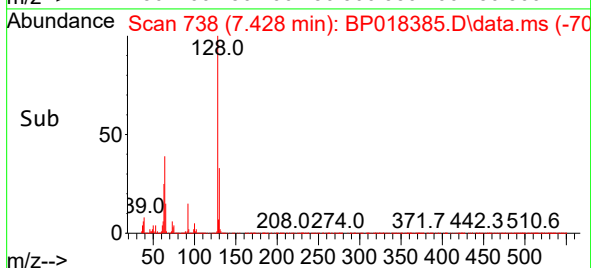
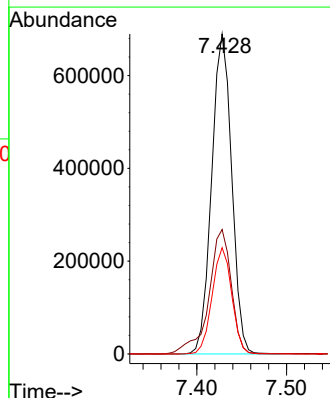
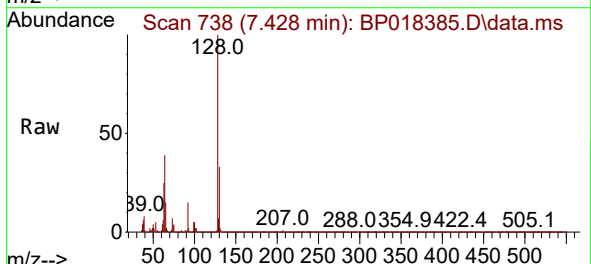
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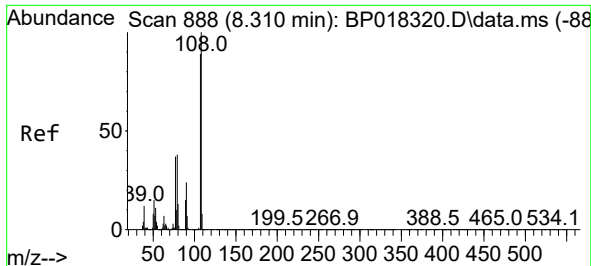
Tgt Ion: 93 Resp: 1035398
Ion Ratio Lower Upper
93 100
63 70.3 58.2 87.4
95 32.7 25.6 38.4



#12
2-Chlorophenol
Concen: 29.201 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:128 Resp: 1067225
Ion Ratio Lower Upper
128 100
64 38.9 34.8 52.2
130 33.2 25.5 38.3





#13

2-Methylphenol

Concen: 28.284 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

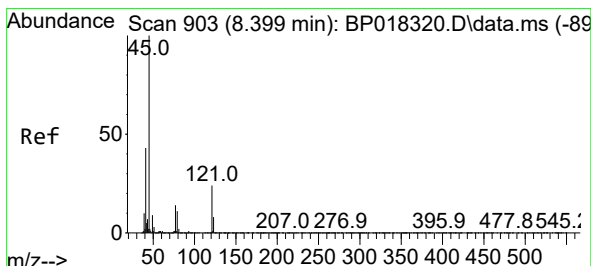
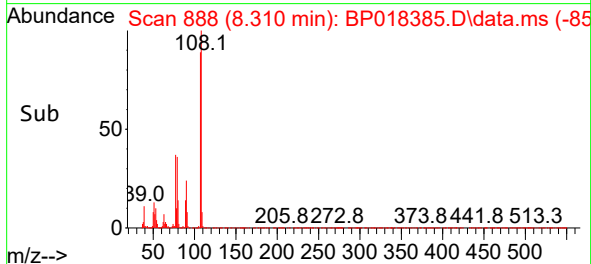
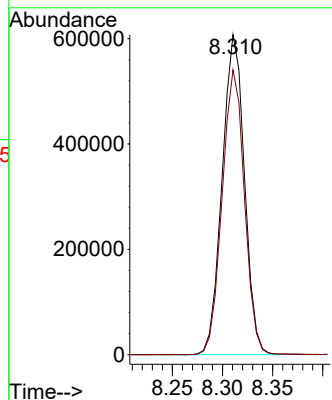
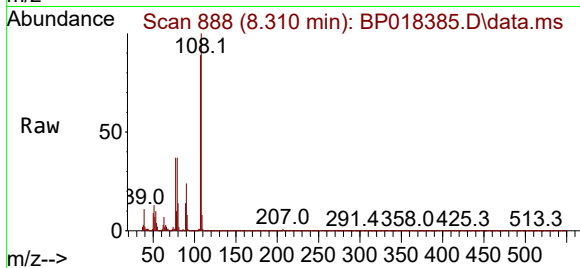
ClientSampleId :

Tgt Ion:108 Resp: 937646

Ion Ratio Lower Upper

108 100

107 89.0 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.556 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.012 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

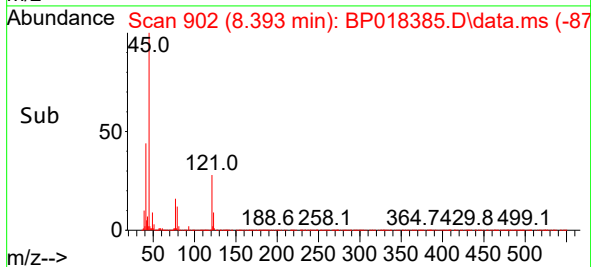
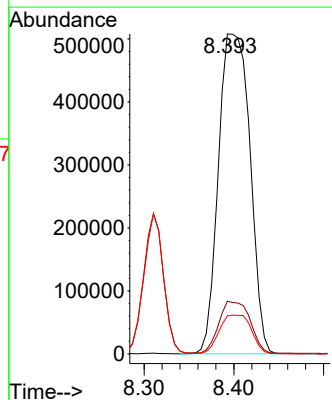
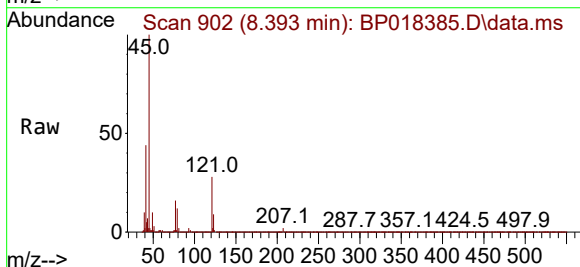
Tgt Ion: 45 Resp: 1237465

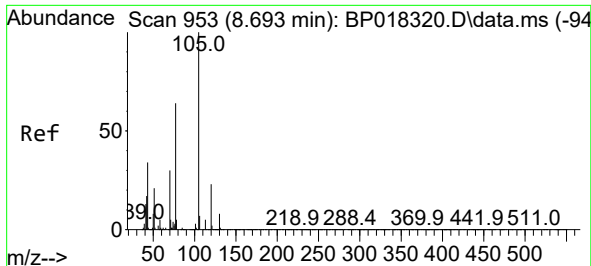
Ion Ratio Lower Upper

45 100

77 16.4 11.4 17.2

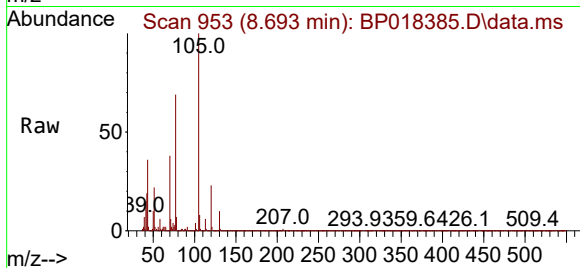
79 11.9 8.4 12.6



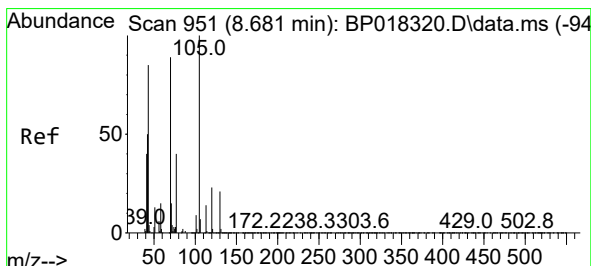
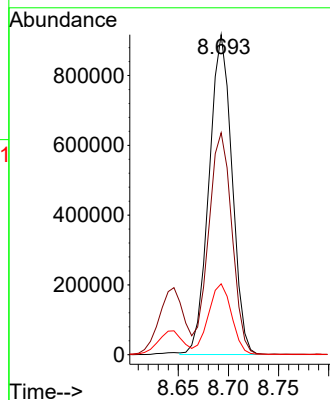
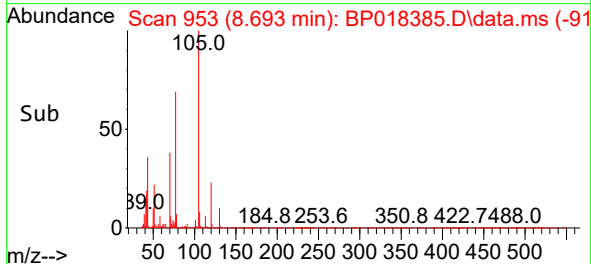


#16
Acetophenone
Concen: 27.284 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

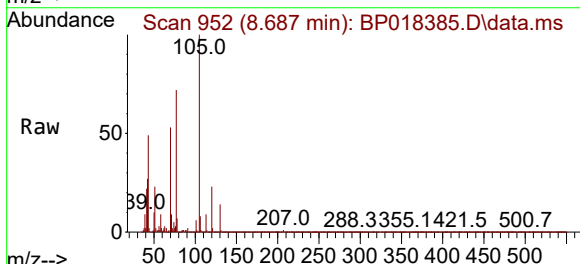
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ClientSampleId :



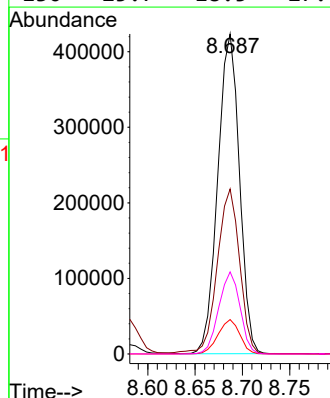
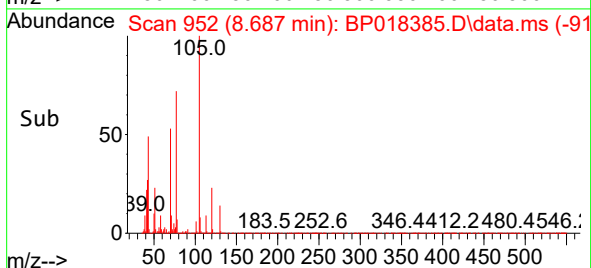
Tgt Ion:105 Resp: 1461866
Ion Ratio Lower Upper
105 100
77 69.4 59.5 89.3
51 22.2 20.5 30.7

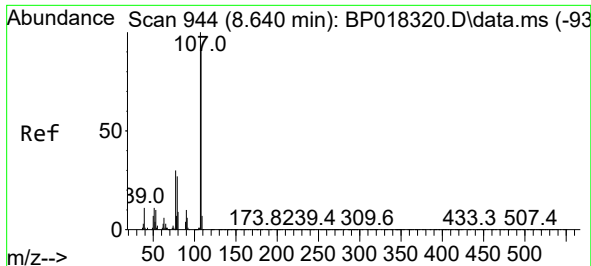


#17
N-Nitroso-di-n-propylamine
Concen: 22.514 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56



Tgt Ion: 70 Resp: 673861
Ion Ratio Lower Upper
70 100
42 51.5 46.8 70.2
101 10.8 8.4 12.6
130 25.7 18.5 27.7

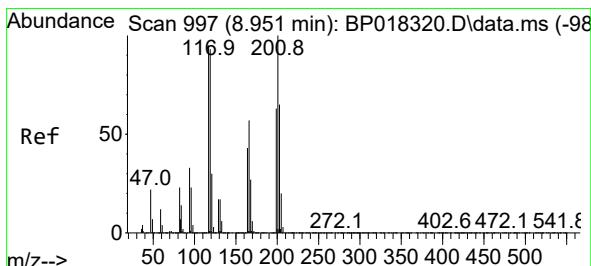
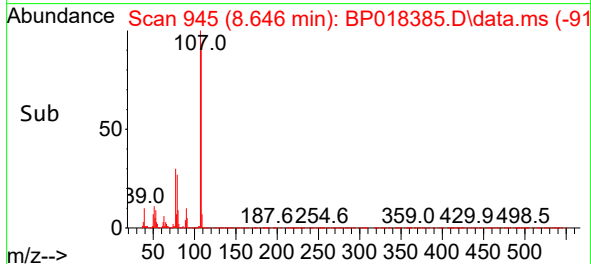
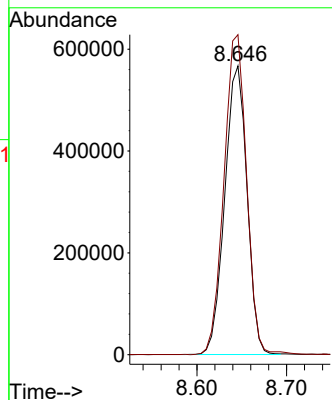
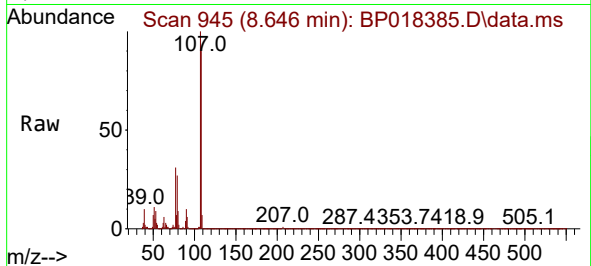




#18
4-Methylphenol
Concen: 27.632 ng/ul
RT: 8.646 min Scan# 944
Delta R.T. 0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

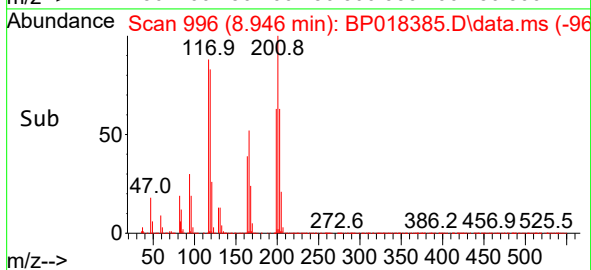
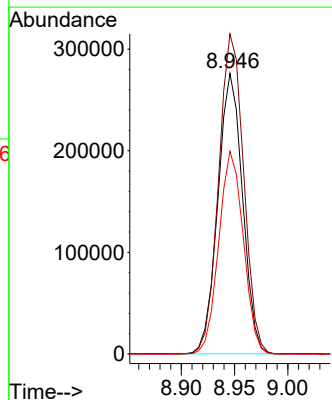
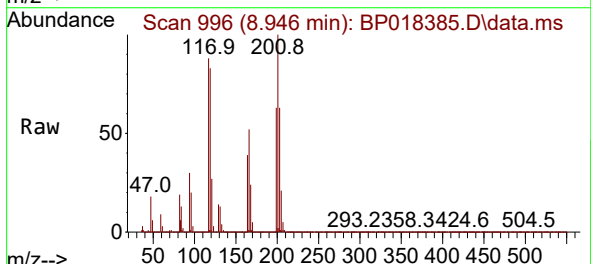
Instrument :
BNA_P
ClientSampleId :

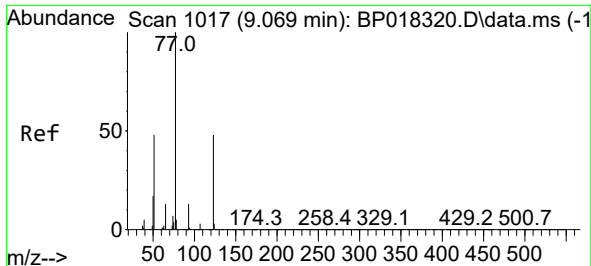
Tgt Ion:108 Resp: 978204
Ion Ratio Lower Upper
108 100
107 110.8 89.5 134.3



#19
Hexachloroethane
Concen: 29.082 ng/ul
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:117 Resp: 443876
Ion Ratio Lower Upper
117 100
201 114.0 85.6 128.4
199 72.2 54.2 81.4

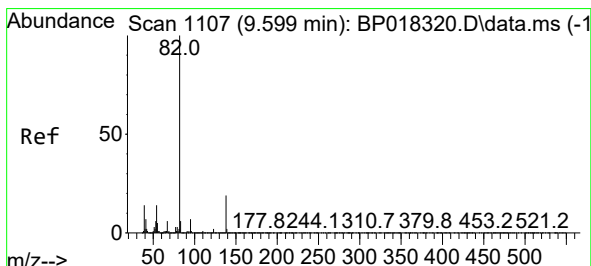
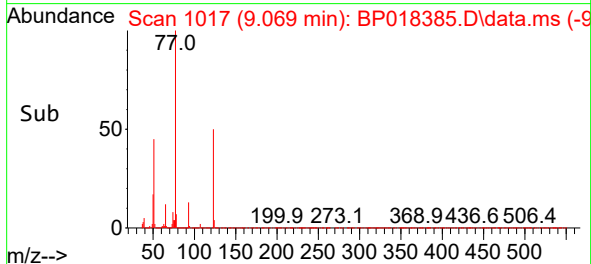
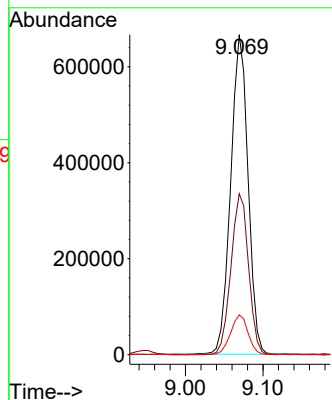
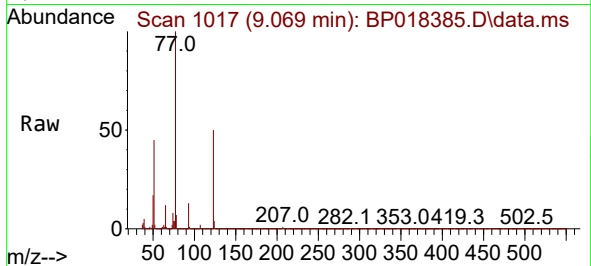




#22
Nitrobenzene
Concen: 30.550 ng/ul
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

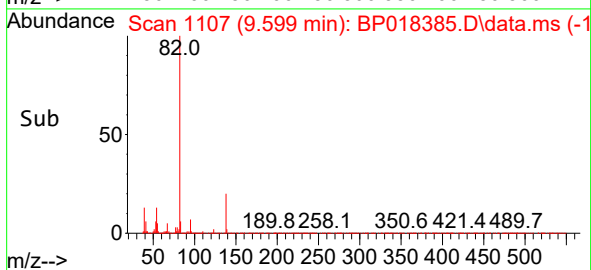
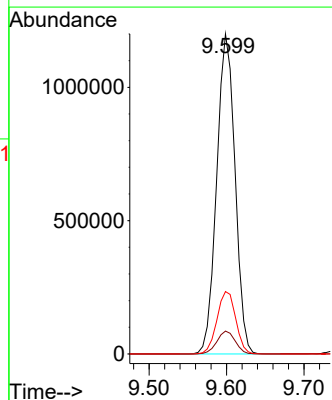
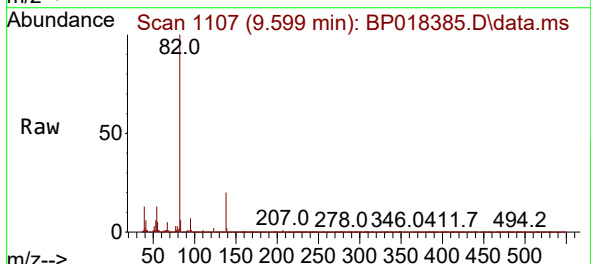
Instrument :
BNA_P
ClientSampleId :

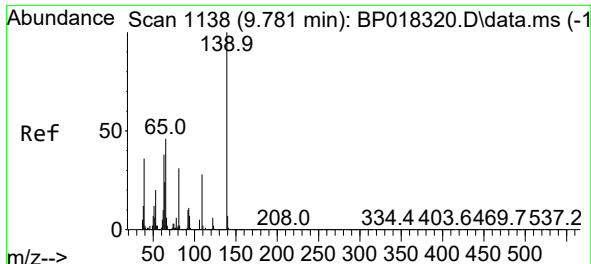
Tgt Ion: 77 Resp: 1035966
Ion Ratio Lower Upper
77 100
123 50.3 37.7 56.5
65 12.5 10.5 15.7



#23
Isophorone
Concen: 26.173 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion: 82 Resp: 1978127
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 19.5 14.9 22.3

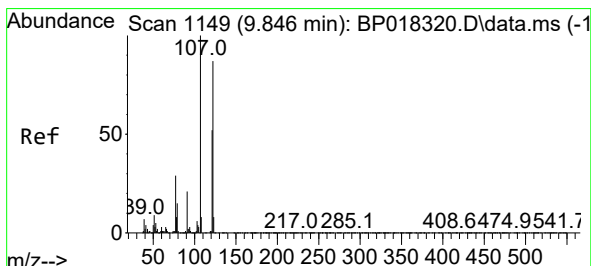
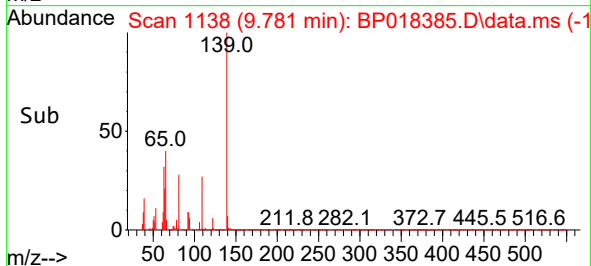
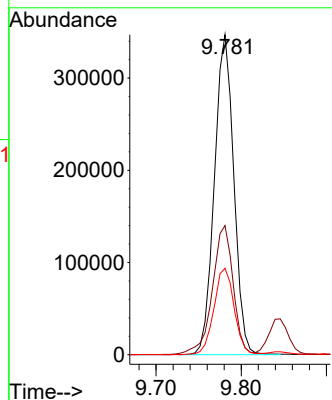
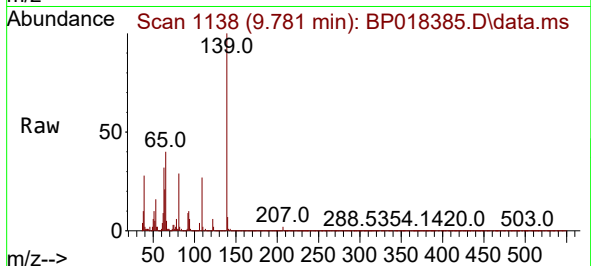




#25
2-Nitrophenol
Concen: 36.420 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

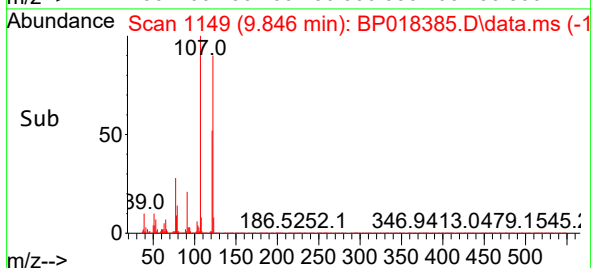
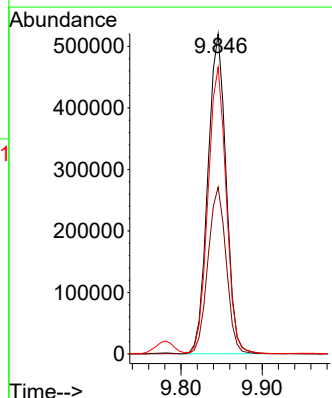
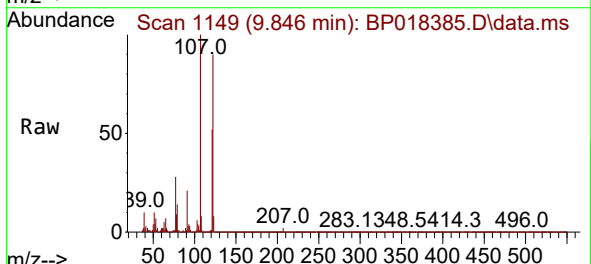
Instrument :
BNA_P
ClientSampleId :

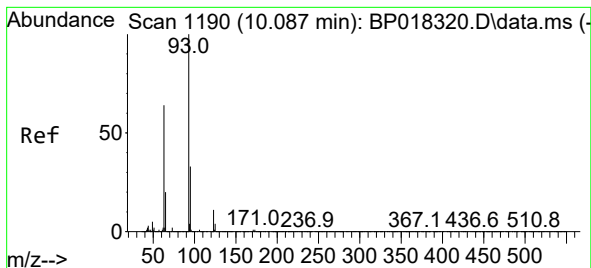
Tgt Ion:139 Resp: 547772
Ion Ratio Lower Upper
139 100
65 40.3 38.3 57.5
109 27.0 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 24.008 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:107 Resp: 810723
Ion Ratio Lower Upper
107 100
121 52.2 40.0 60.0
122 89.6 70.4 105.6

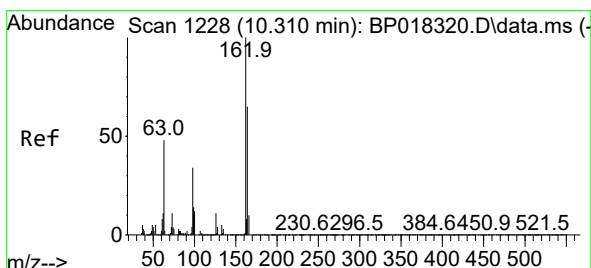
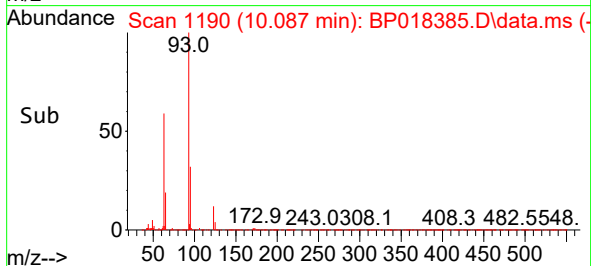
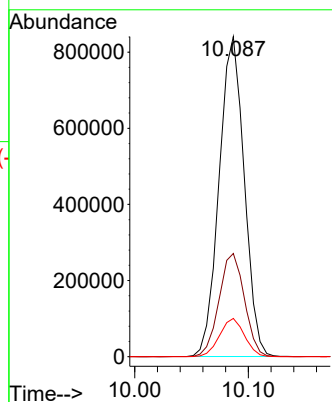
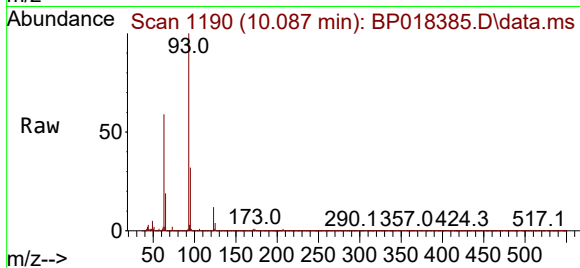




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.298 ng/ul
 RT: 10.087 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: BP018385.D
 Acq: 26 Nov 2023 00:56

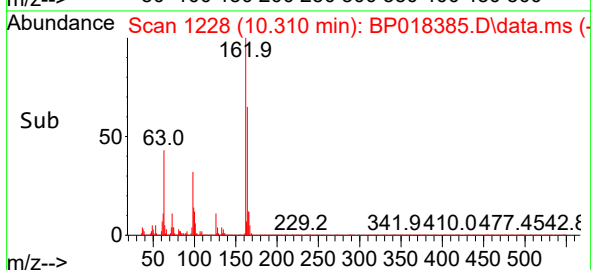
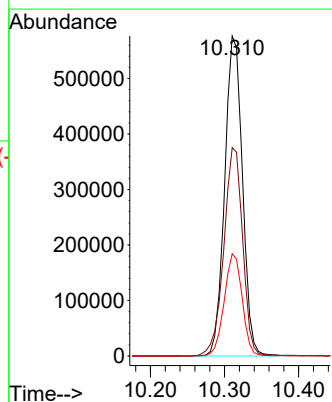
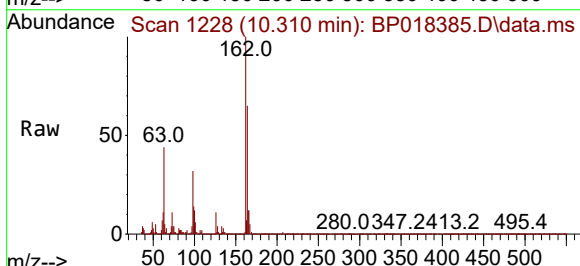
Instrument :
 BNA_P
 ClientSampleId :

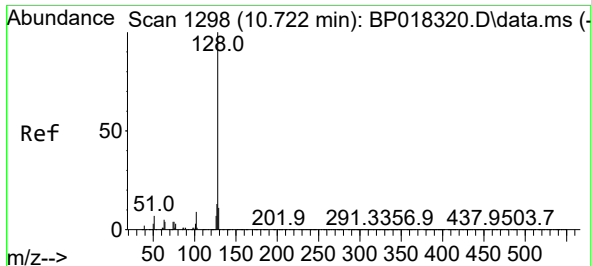
Tgt Ion: 93 Resp: 1291702
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.0 39.0
 123 12.0 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 31.026 ng/ul
 RT: 10.310 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BP018385.D
 Acq: 26 Nov 2023 00:56

Tgt Ion: 162 Resp: 958484
 Ion Ratio Lower Upper
 162 100
 164 65.1 53.0 79.6
 98 31.9 27.7 41.5

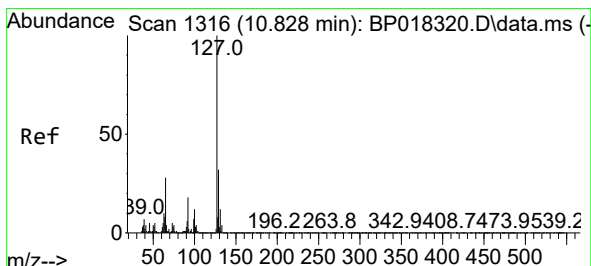
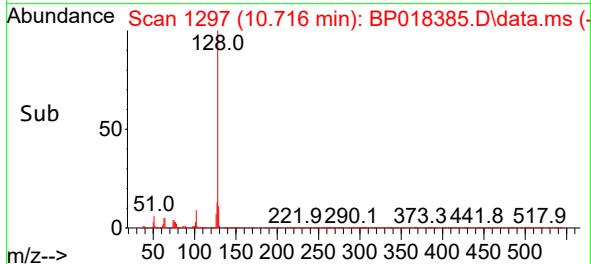
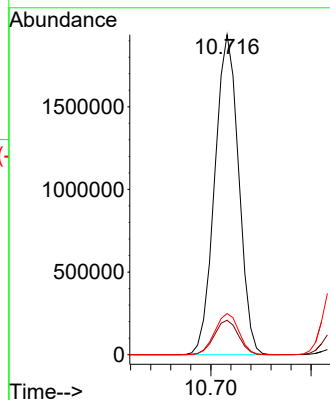
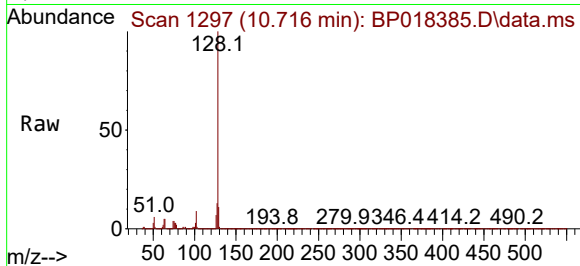




#30
Naphthalene
Concen: 29.718 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

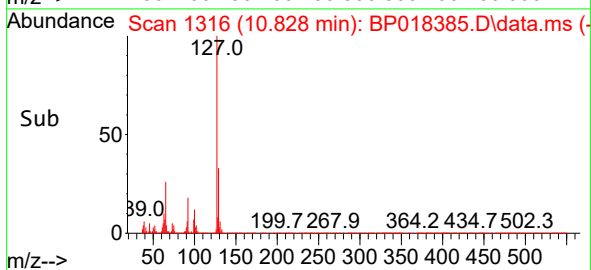
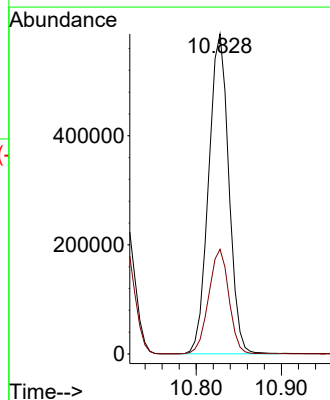
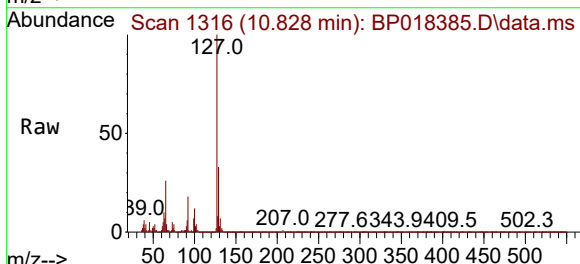
Instrument :
BNA_P
ClientSampleId :

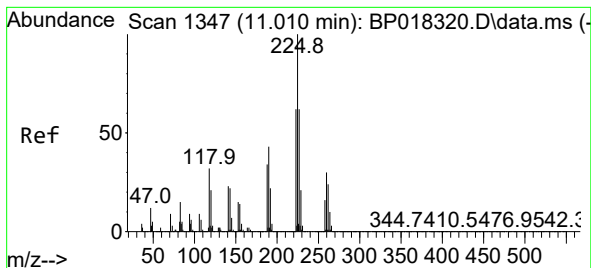
Tgt Ion:128 Resp: 3203059
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 23.557 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:127 Resp: 966928
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8





#33

Hexachlorobutadiene

Concen: 34.551 ng/ul

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

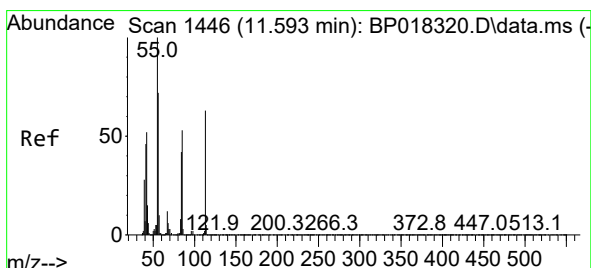
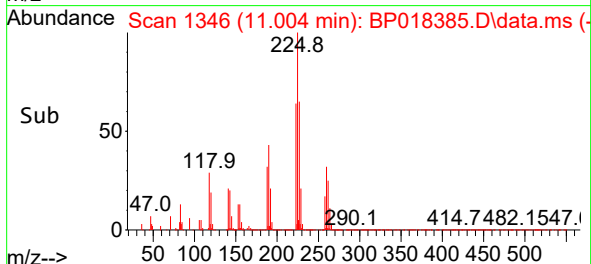
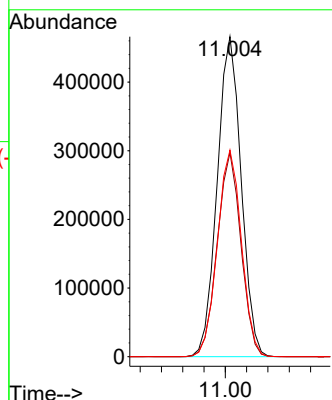
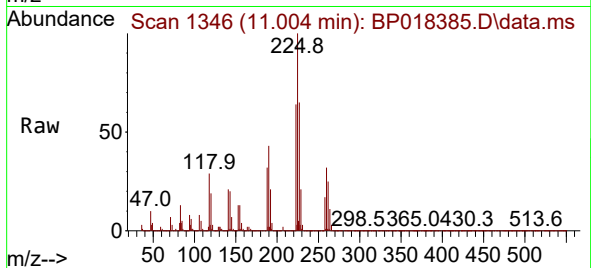
Tgt Ion:225 Resp: 727976

Ion Ratio Lower Upper

225 100

223 63.8 50.2 75.4

227 64.5 50.4 75.6



#34

Caprolactam

Concen: 28.754 ng/ul

RT: 11.598 min Scan# 1447

Delta R.T. 0.012 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

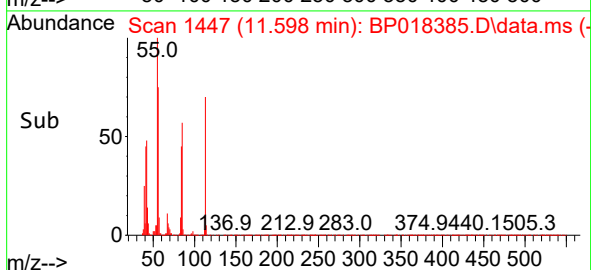
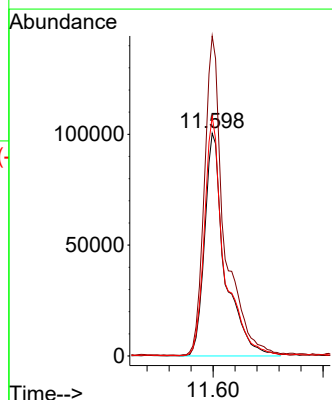
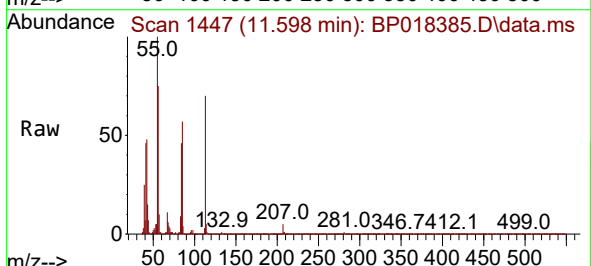
Tgt Ion:113 Resp: 255981

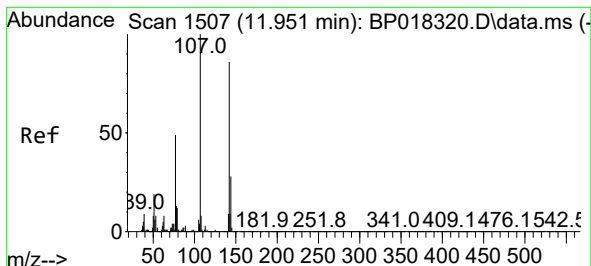
Ion Ratio Lower Upper

113 100

55 143.7 129.0 193.4

56 107.5 94.8 142.2

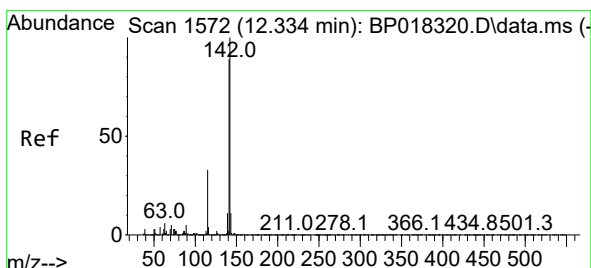
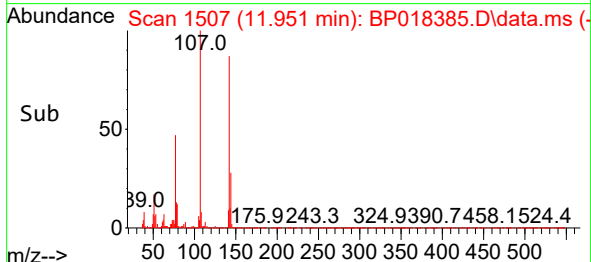
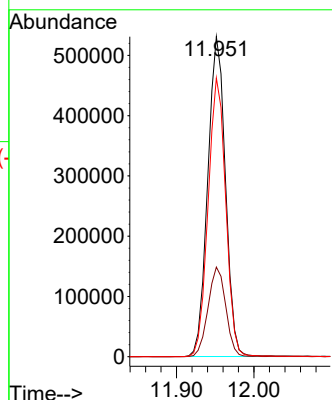
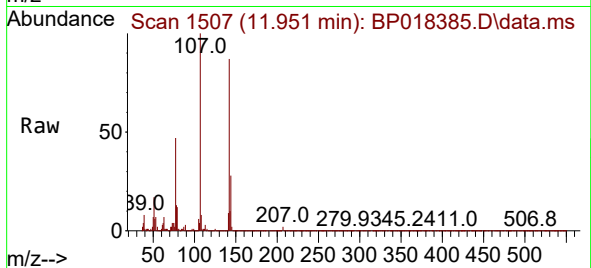




#35
4-Chloro-3-methylphenol
Concen: 25.530 ng/ul
RT: 11.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

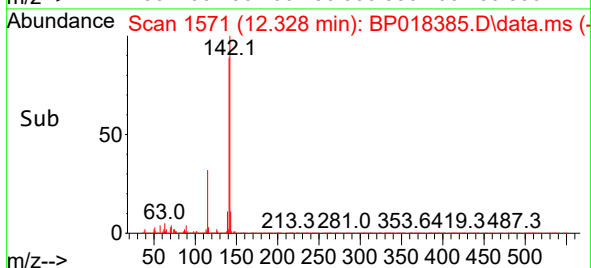
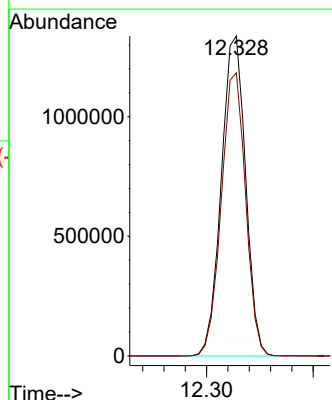
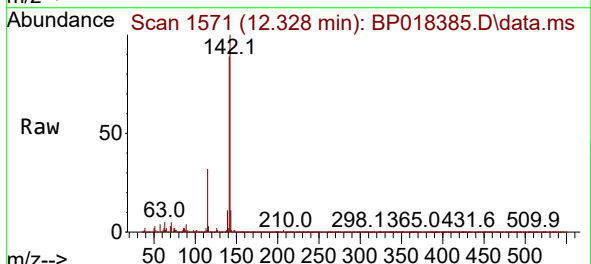
Instrument :
BNA_P
ClientSampleId :

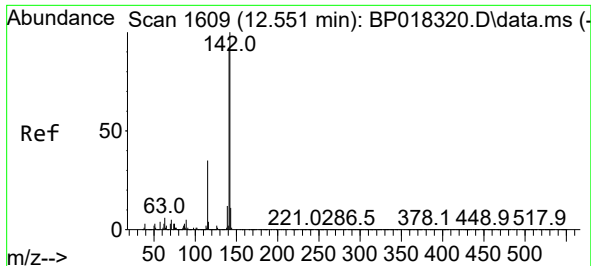
Tgt Ion:107 Resp: 843256
Ion Ratio Lower Upper
107 100
144 28.0 21.6 32.4
142 87.1 65.4 98.0



#36
2-Methylnaphthalene
Concen: 27.746 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:142 Resp: 2116438
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4





#37

1-Methylnaphthalene

Concen: 26.934 ng/ul

RT: 12.546 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

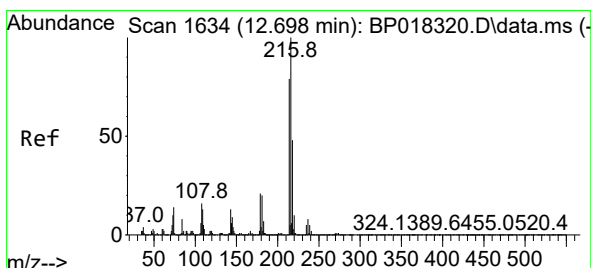
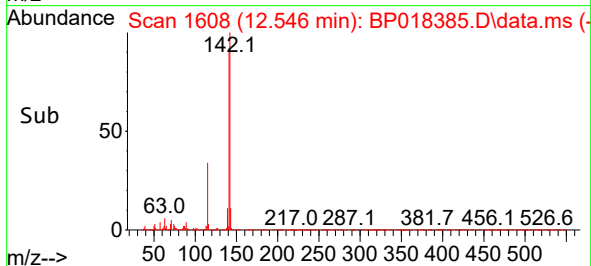
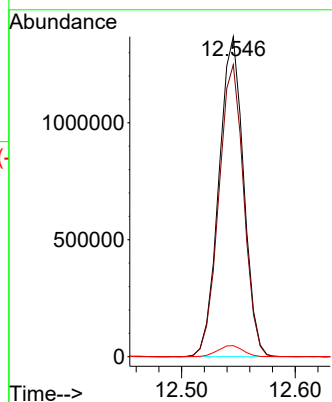
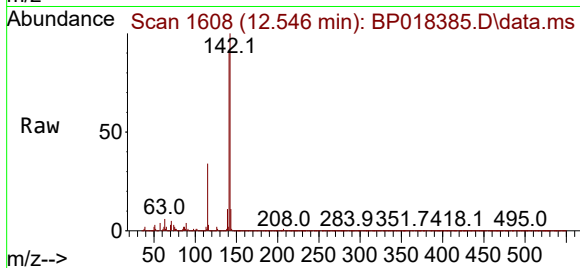
Tgt Ion:142 Resp: 2068075

Ion Ratio Lower Upper

142 100

141 91.2 73.9 110.9

116 3.5 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.447 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Tgt Ion:216 Resp: 1220040

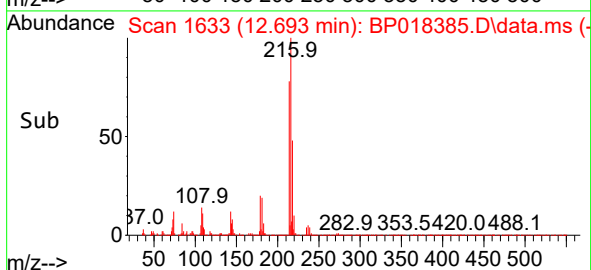
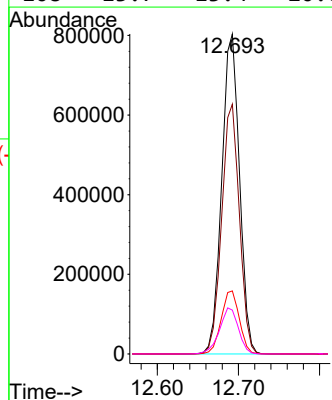
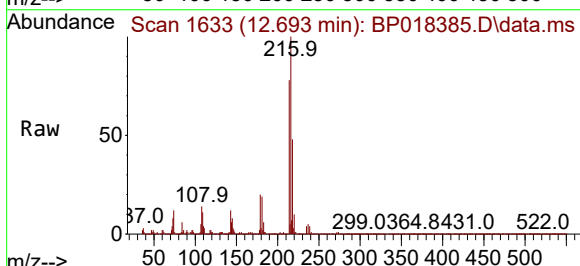
Ion Ratio Lower Upper

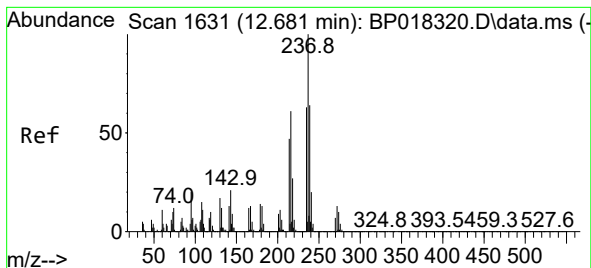
216 100

214 78.0 63.3 94.9

179 19.7 17.3 25.9

108 13.7 13.4 20.0





#40

Hexachlorocyclopentadiene

Concen: 30.066 ng/ul

RT: 12.675 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

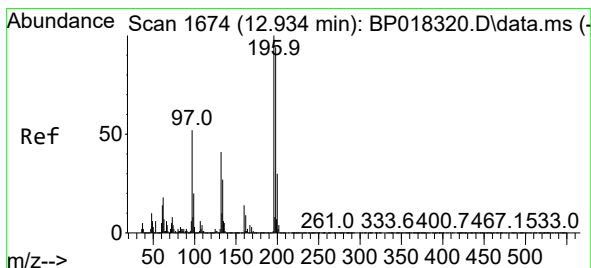
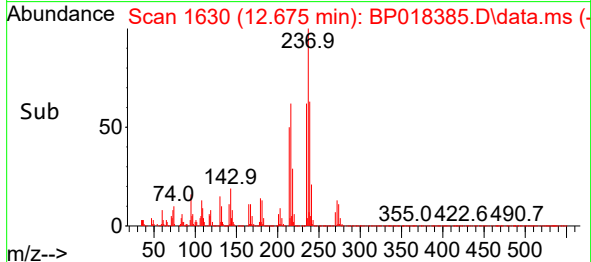
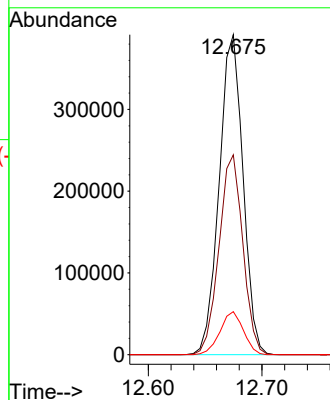
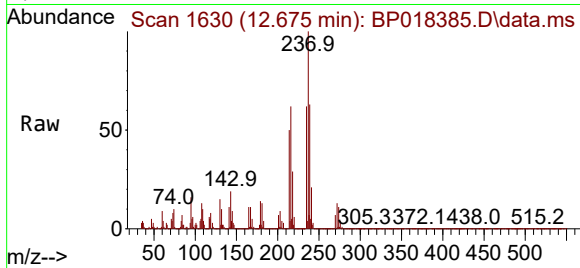
Tgt Ion:237 Resp: 570021

Ion Ratio Lower Upper

237 100

235 62.4 50.7 76.1

272 13.5 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 33.676 ng/ul

RT: 12.934 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

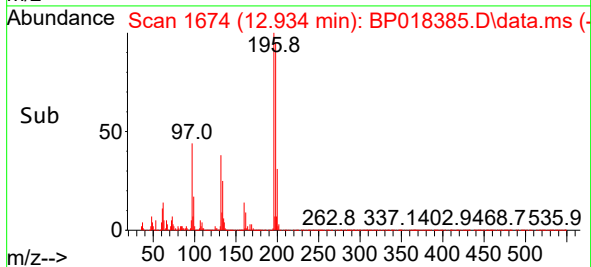
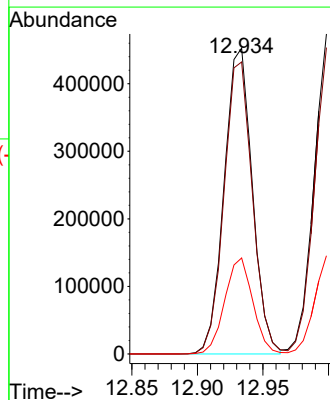
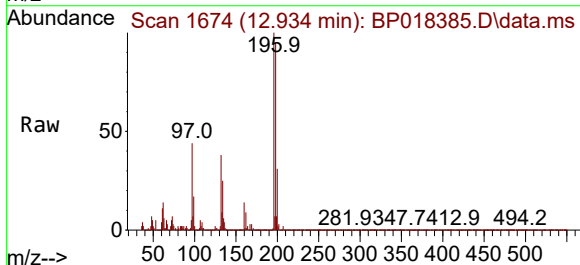
Tgt Ion:196 Resp: 676989

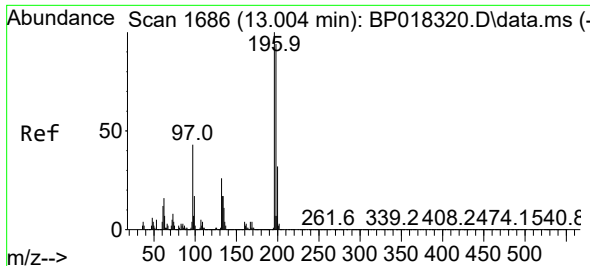
Ion Ratio Lower Upper

196 100

198 95.4 78.0 117.0

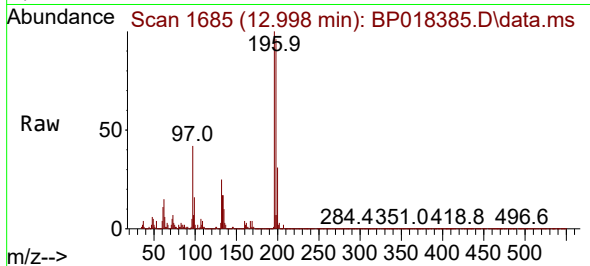
200 31.4 24.6 37.0



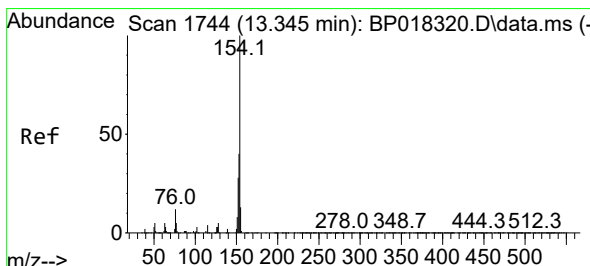
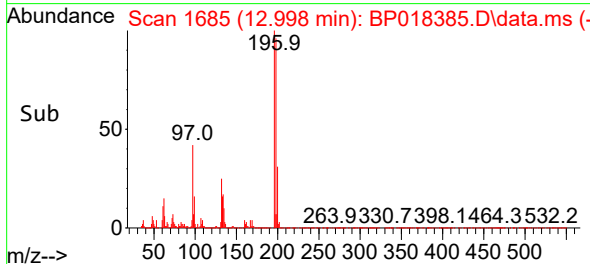
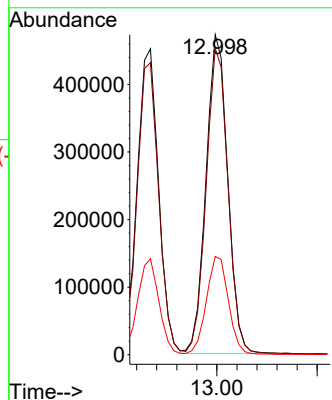


#42
2,4,5-Trichlorophenol
Concen: 32.746 ng/ul
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Instrument :
BNA_P
ClientSampleId :

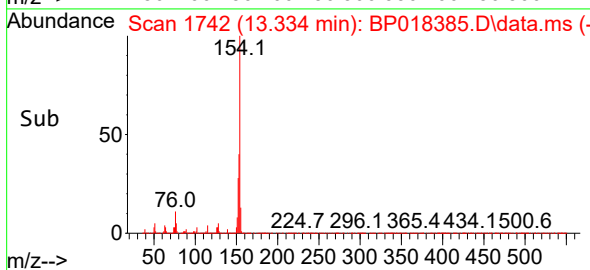
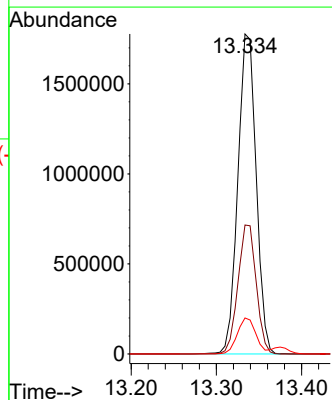
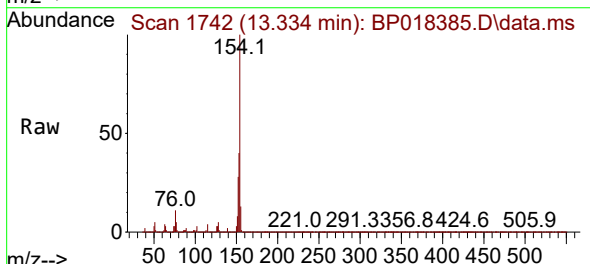


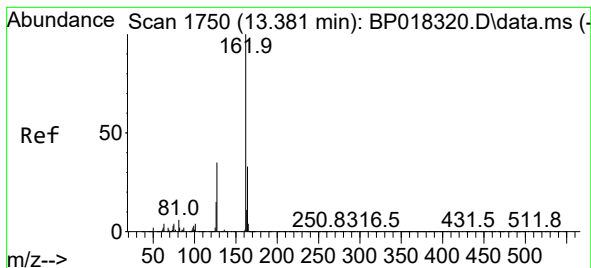
Tgt Ion:196 Resp: 711846
Ion Ratio Lower Upper
196 100
198 95.8 76.7 115.1
200 30.7 24.6 36.8



#43
1,1'-Biphenyl
Concen: 32.148 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:154 Resp: 2654792
Ion Ratio Lower Upper
154 100
153 40.3 32.2 48.2
76 11.2 9.9 14.9





#44

2-Chloronaphthalene

Concen: 32.264 ng/ul

RT: 13.375 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

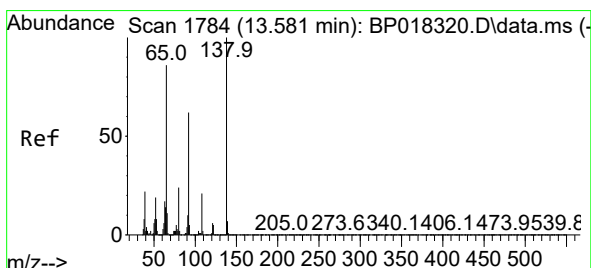
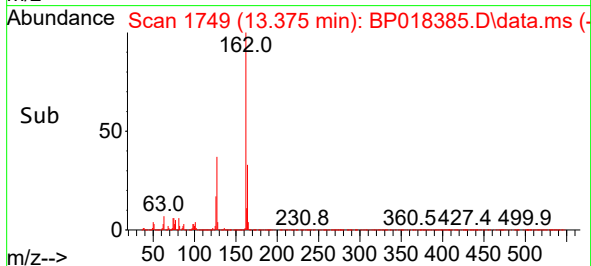
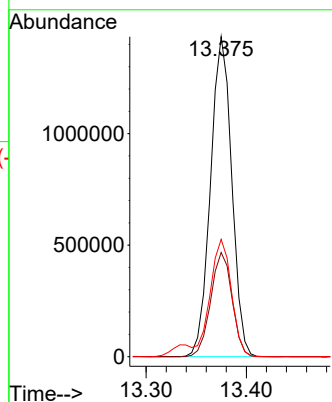
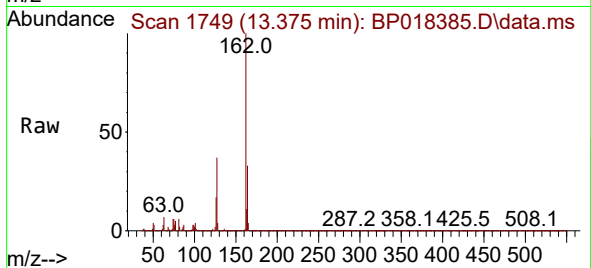
Tgt Ion:162 Resp: 2108810

Ion Ratio Lower Upper

162 100

164 32.5 26.2 39.4

127 36.7 30.6 45.8



#45

2-Nitroaniline

Concen: 30.003 ng/ul

RT: 13.581 min Scan# 1784

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

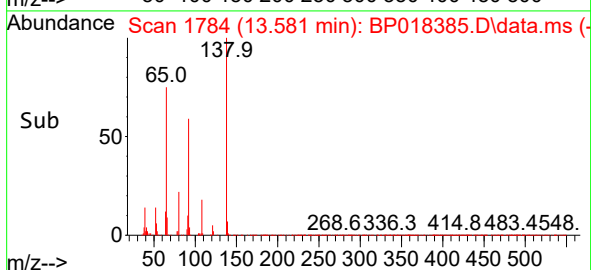
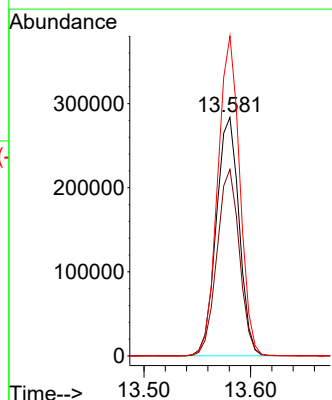
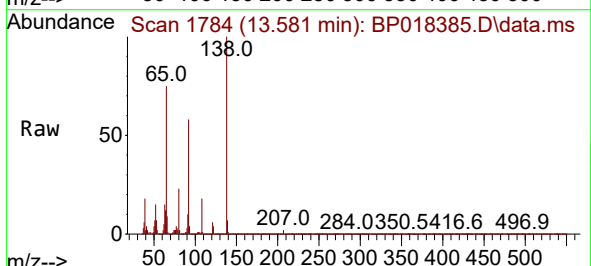
Tgt Ion: 65 Resp: 421948

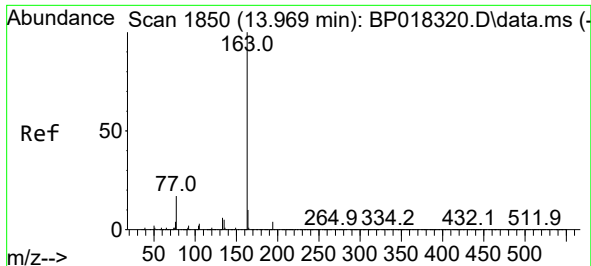
Ion Ratio Lower Upper

65 100

92 78.2 57.4 86.2

138 134.1 90.6 136.0

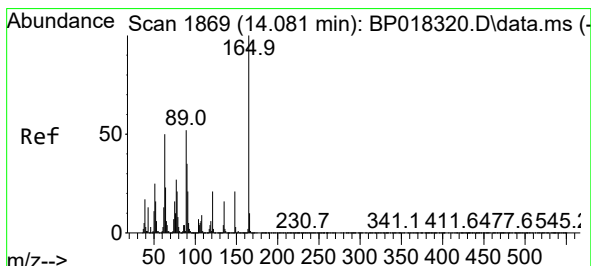
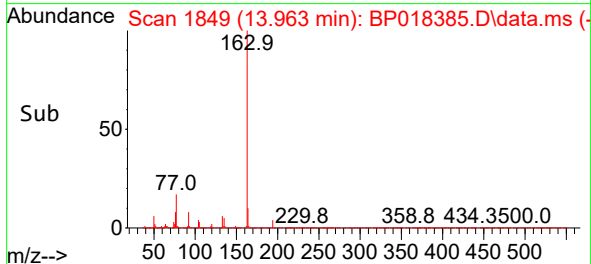
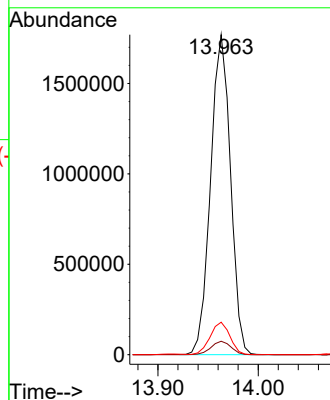
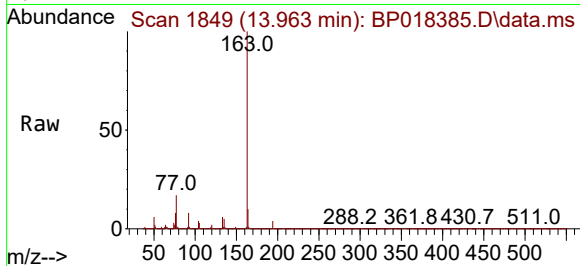




#47
Dimethylphthalate
Concen: 29.552 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

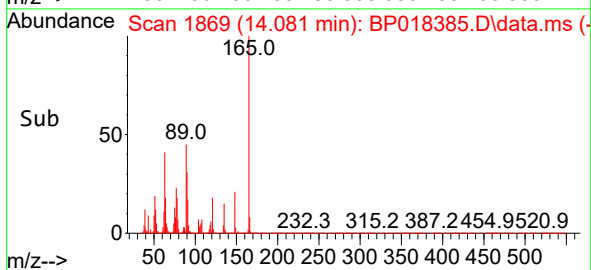
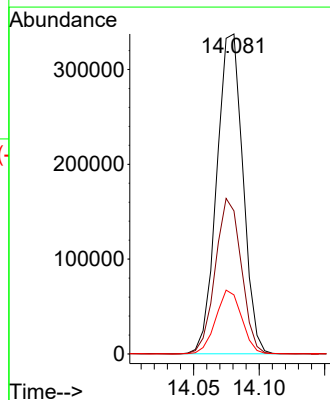
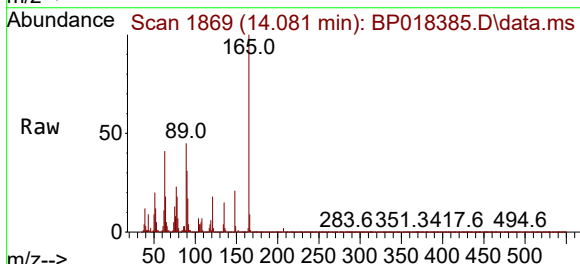
Instrument :
BNA_P
ClientSampleId :

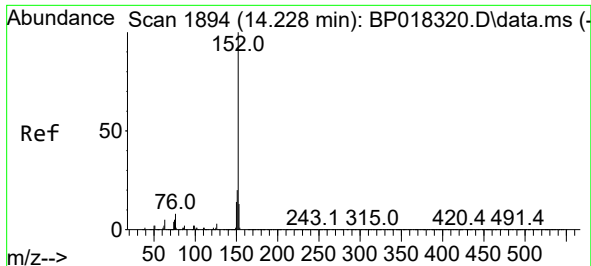
Tgt Ion:163 Resp: 2438587
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.609 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:165 Resp: 467568
Ion Ratio Lower Upper
165 100
89 44.7 45.8 68.6#
121 18.4 17.8 26.8

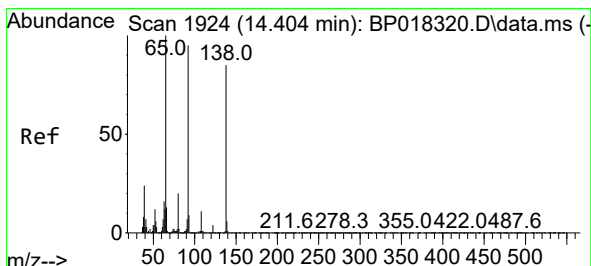
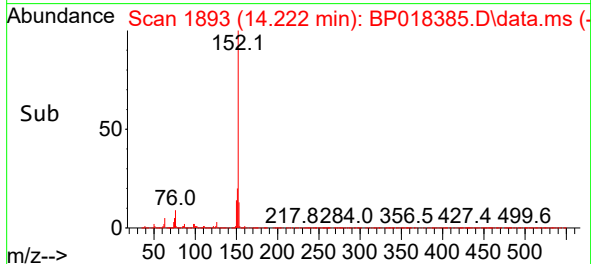
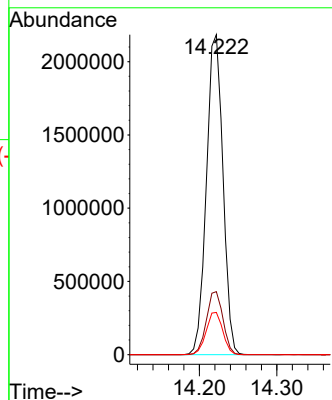
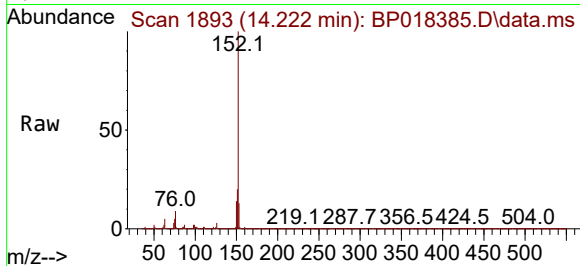




#50
Acenaphthylene
Concen: 30.135 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

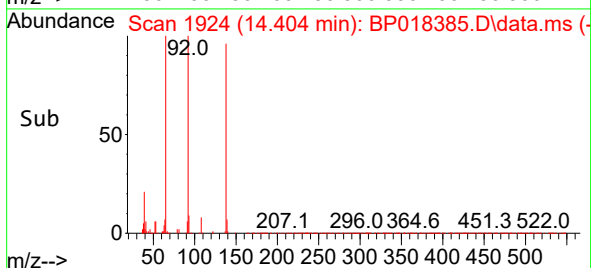
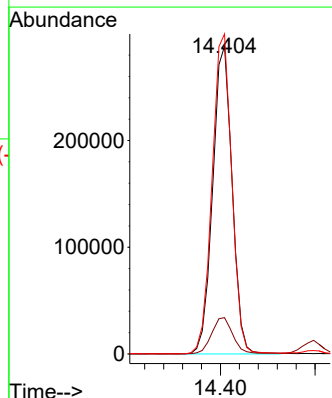
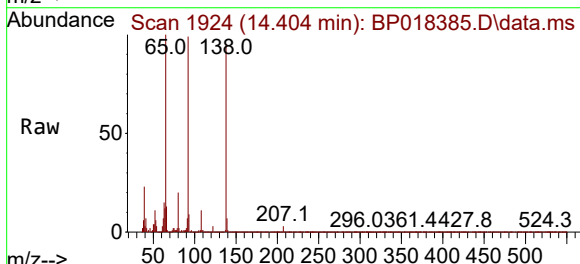
Instrument :
BNA_P
ClientSampleId :

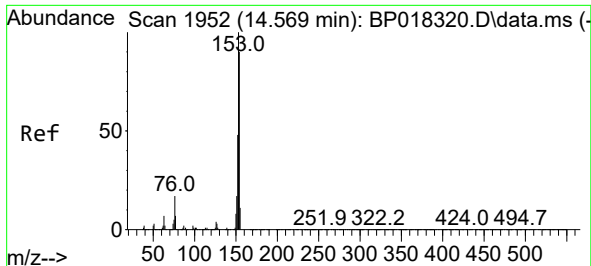
Tgt Ion:152 Resp: 3227871
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.8 16.2



#51
3-Nitroaniline
Concen: 29.747 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:138 Resp: 411192
Ion Ratio Lower Upper
138 100
108 11.8 13.2 19.8#
92 104.0 90.2 135.4

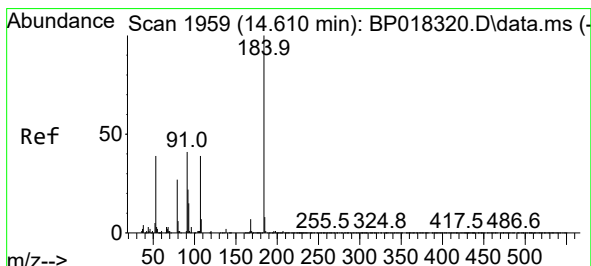
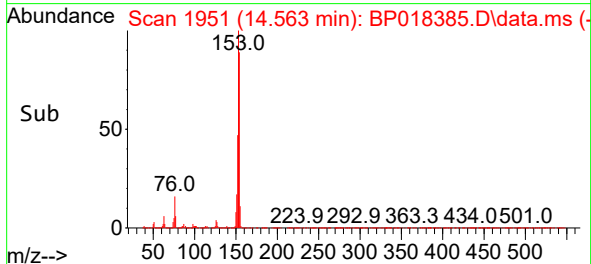
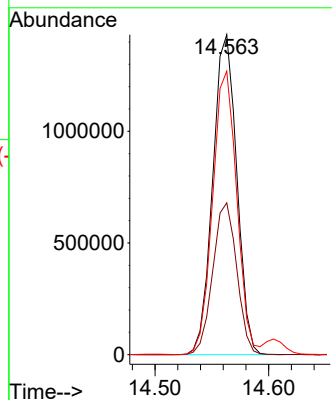
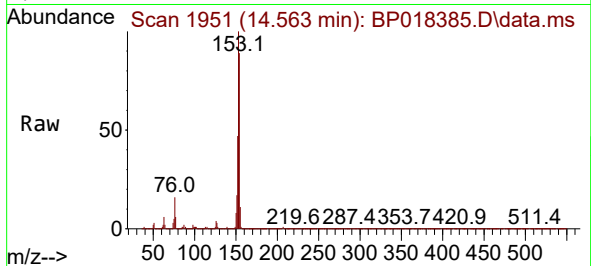




#52
Acenaphthene
Concen: 30.097 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

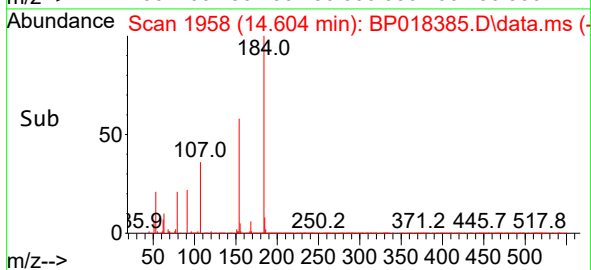
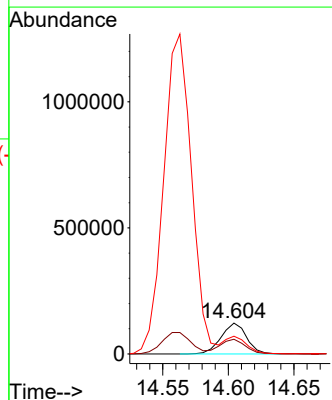
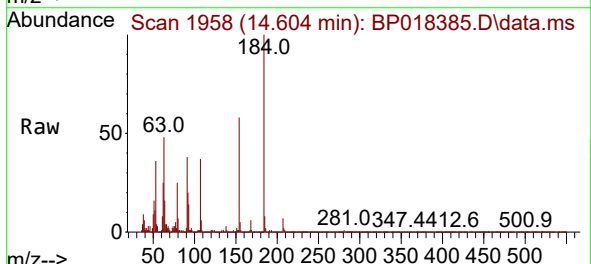
Instrument :
BNA_P
ClientSampleId :

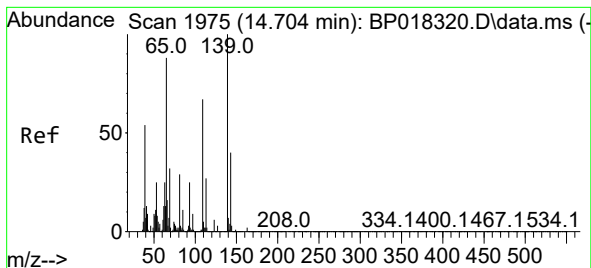
Tgt Ion:153 Resp: 2106006
Ion Ratio Lower Upper
153 100
152 47.5 37.8 56.8
154 88.6 71.2 106.8



#53
2,4-Dinitrophenol
Concen: 34.007 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:184 Resp: 165060
Ion Ratio Lower Upper
184 100
63 47.9 41.8 62.6
154 57.6 47.3 70.9

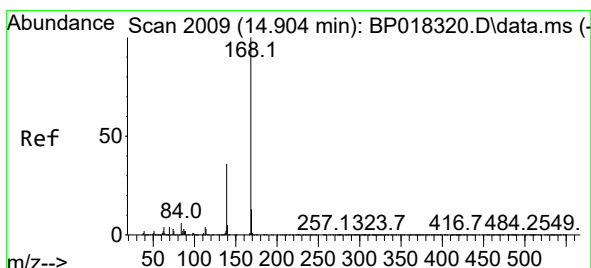
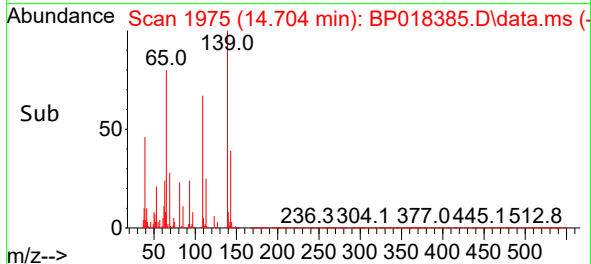
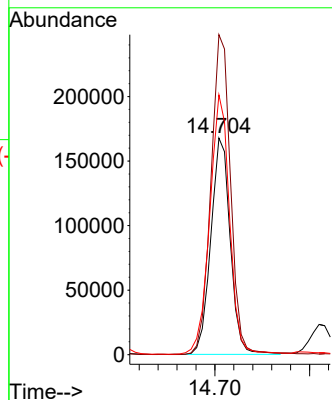
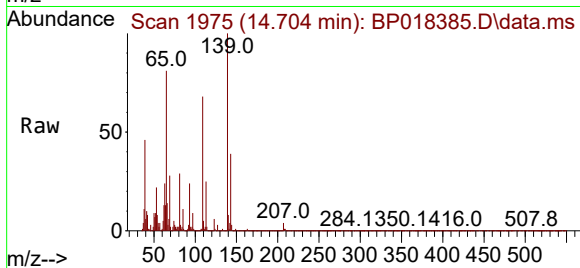




#55
4-Nitrophenol
Concen: 27.716 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

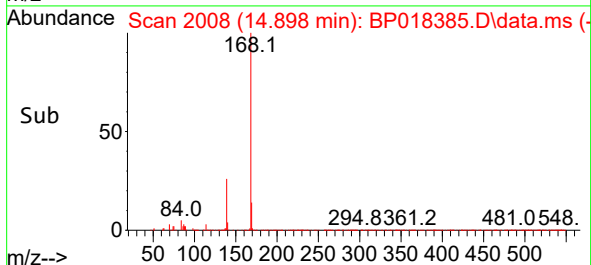
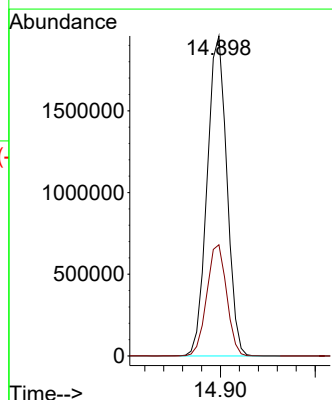
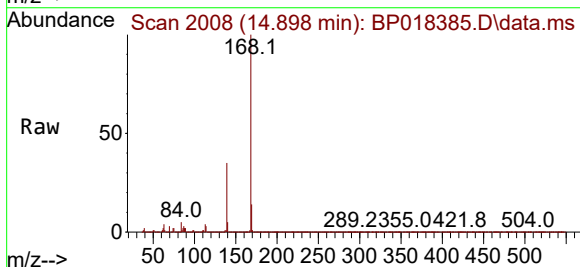
Instrument :
BNA_P
ClientSampleId :

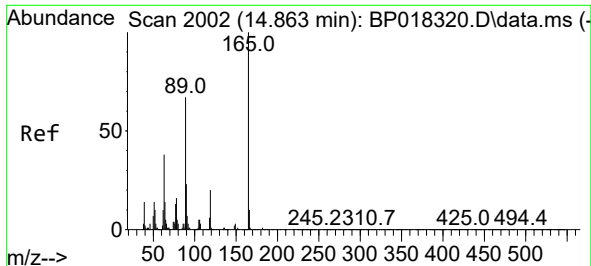
Tgt Ion:109 Resp: 239069
Ion Ratio Lower Upper
109 100
139 147.7 113.0 169.4
65 120.0 99.6 149.4



#56
Dibenzofuran
Concen: 29.549 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

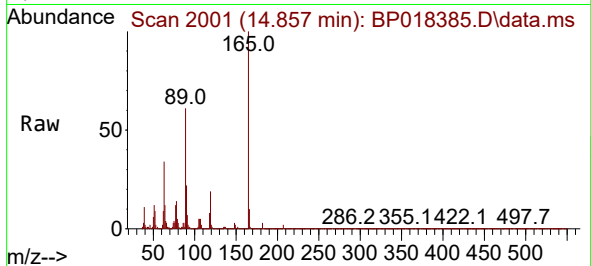
Tgt Ion:168 Resp: 2826740
Ion Ratio Lower Upper
168 100
139 34.8 29.0 43.4



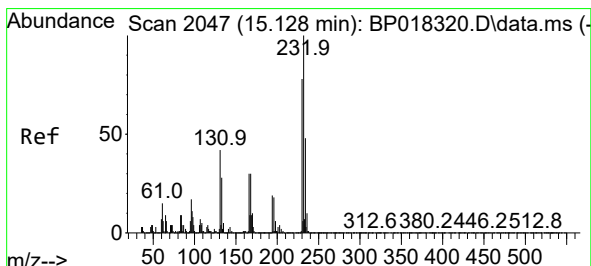
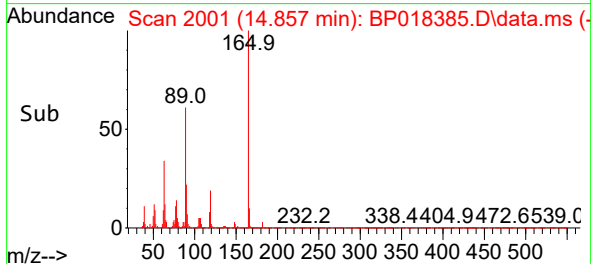
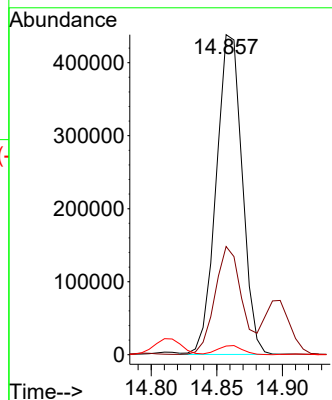


#57
2,4-Dinitrotoluene
Concen: 32.057 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Instrument :
BNA_P
ClientSampleId :

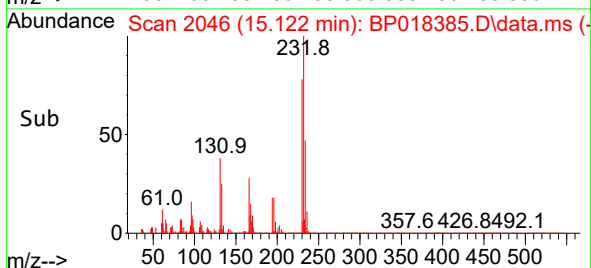
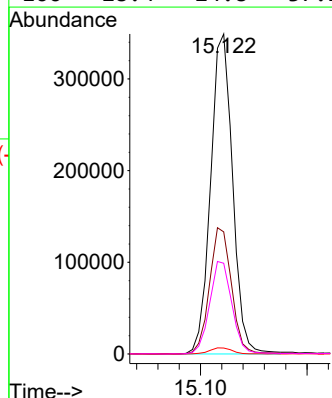
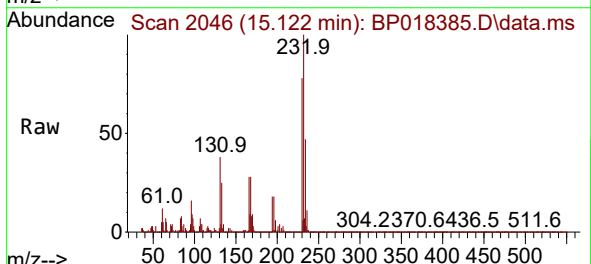


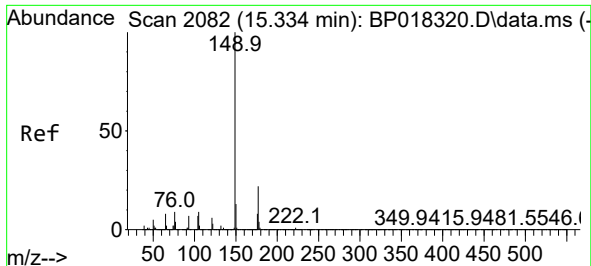
Tgt Ion:165 Resp: 602683
Ion Ratio Lower Upper
165 100
63 33.8 32.1 48.1
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.230 ng/ul
RT: 15.122 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

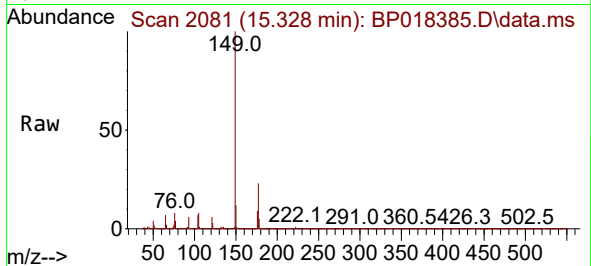
Tgt Ion:232 Resp: 499019
Ion Ratio Lower Upper
232 100
131 38.1 34.1 51.1
130 1.9 1.8 2.6
166 28.4 24.8 37.2



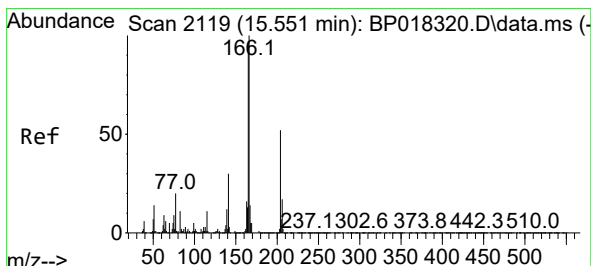
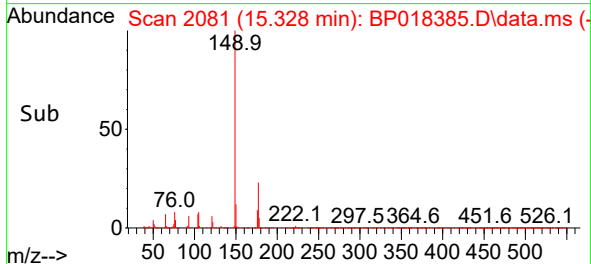
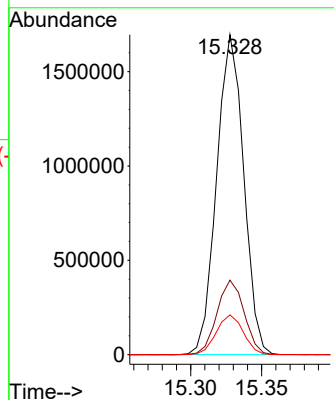


#59
Diethylphthalate
Concen: 27.064 ng/ul
RT: 15.328 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Instrument :
BNA_P
ClientSampleId :

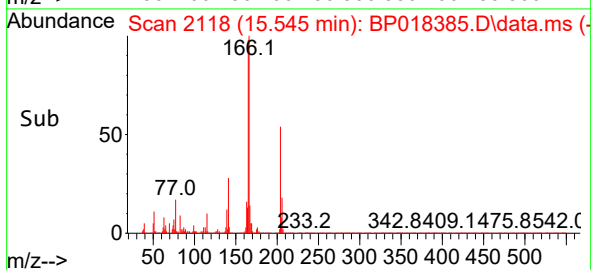
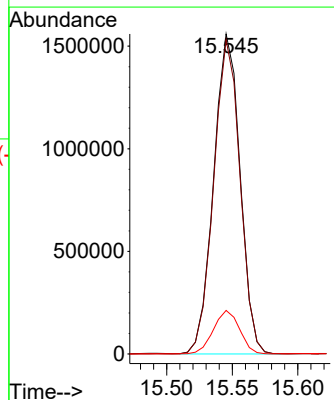
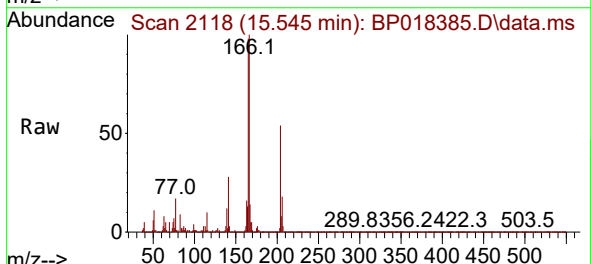


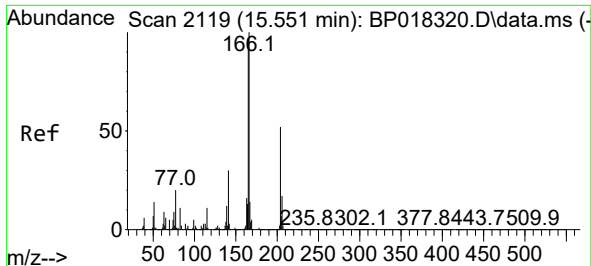
Tgt Ion:149 Resp: 2243392
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.5 10.2 15.2



#61
Fluorene
Concen: 28.017 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:166 Resp: 2185715
Ion Ratio Lower Upper
166 100
165 98.1 77.5 116.3
167 13.6 10.6 16.0

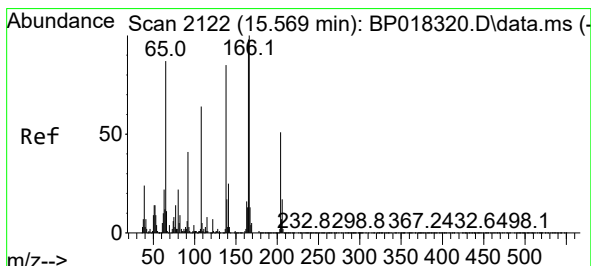
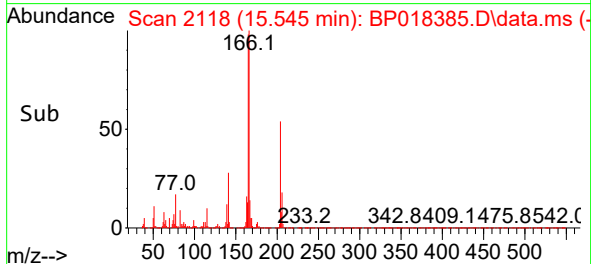
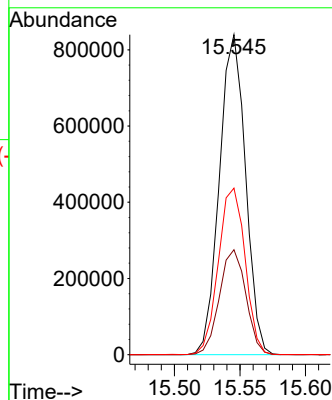
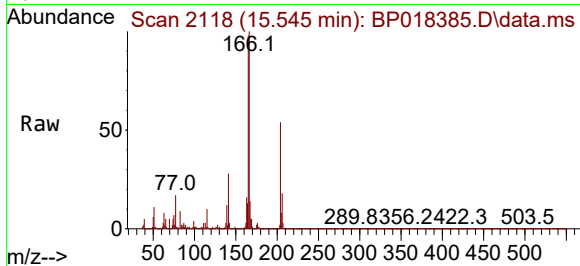




#62
4-Chlorophenyl-phenylether
Concen: 29.373 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

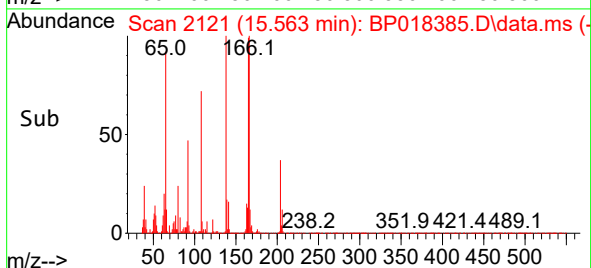
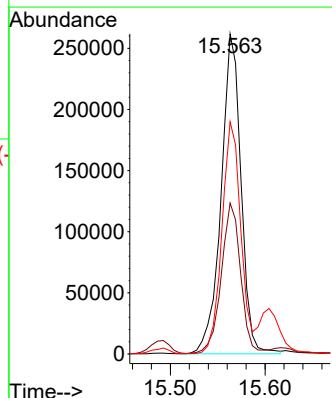
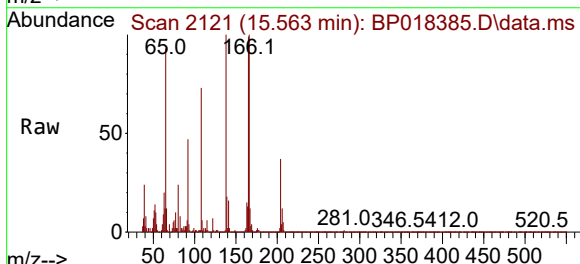
Instrument :
BNA_P
ClientSampleId :

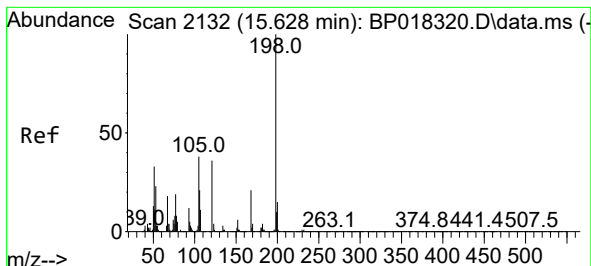
Tgt Ion:204 Resp: 1163589
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 52.0 44.8 67.2



#63
4-Nitroaniline
Concen: 29.345 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:138 Resp: 382821
Ion Ratio Lower Upper
138 100
92 47.2 39.3 58.9
108 72.5 61.8 92.6

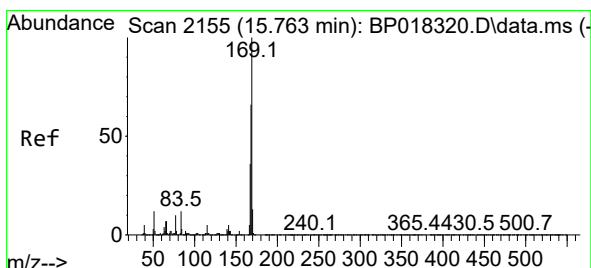
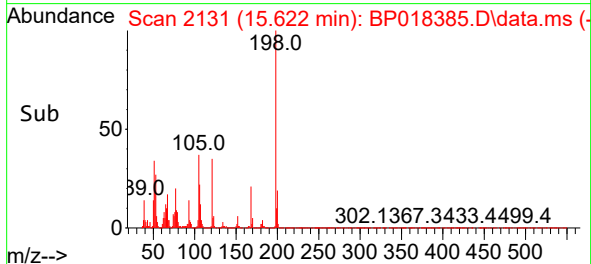
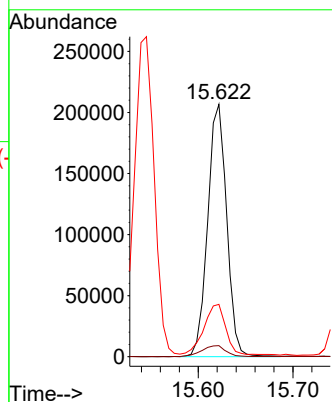
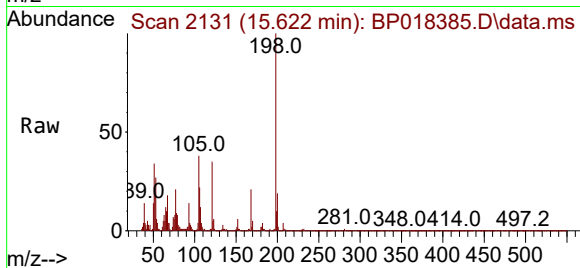




#66
4,6-Dinitro-2-methylphenol
Concen: 36.834 ng/ul
RT: 15.622 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

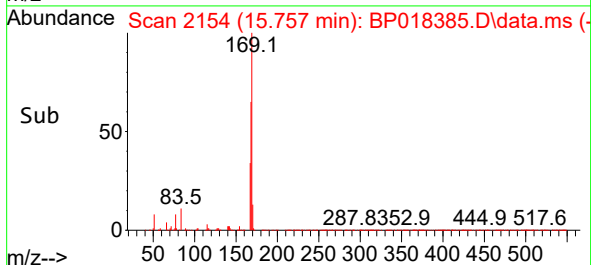
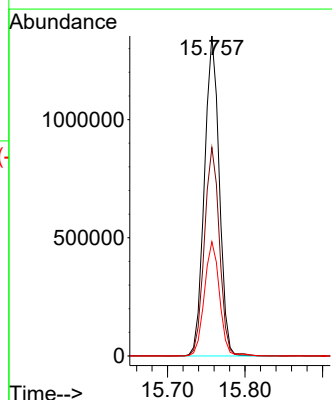
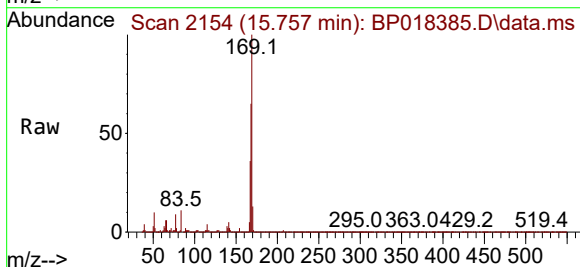
Instrument :
BNA_P
ClientSampleId :

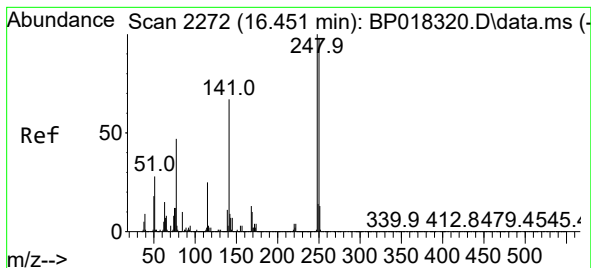
Tgt Ion:198 Resp: 287191
Ion Ratio Lower Upper
198 100
182 4.4 3.0 4.4
77 20.7 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 32.066 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:169 Resp: 1795763
Ion Ratio Lower Upper
169 100
168 65.2 53.1 79.7
167 35.7 28.8 43.2





#68

4-Bromophenyl-phenylether

Concen: 32.039 ng/ul

RT: 16.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

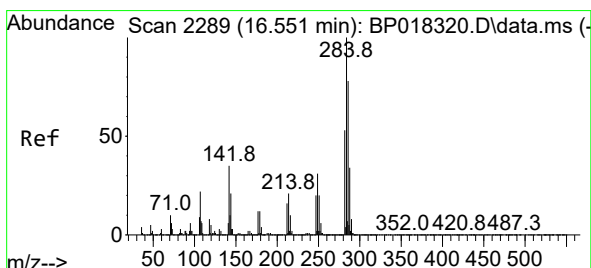
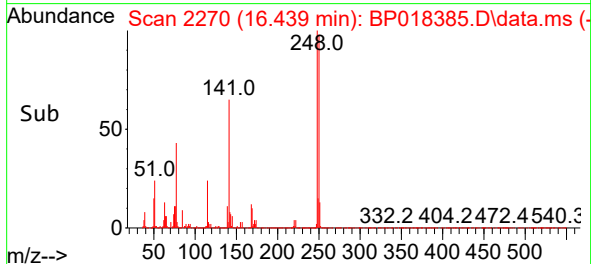
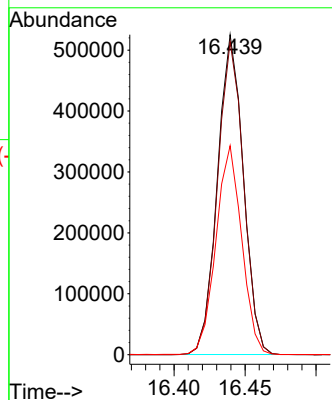
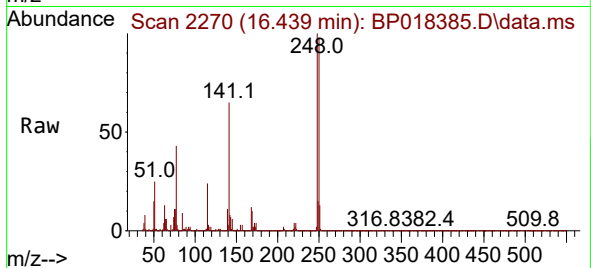
Tgt Ion:248 Resp: 668012

Ion Ratio Lower Upper

248 100

250 97.8 77.4 116.2

141 65.3 56.0 84.0



#69

Hexachlorobenzene

Concen: 34.683 ng/ul

RT: 16.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

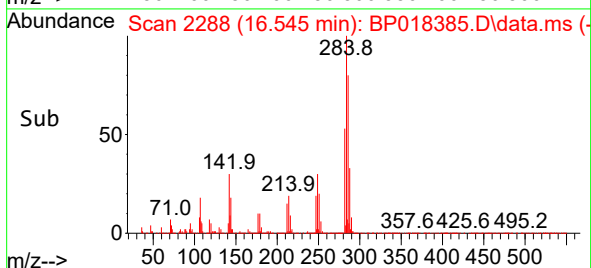
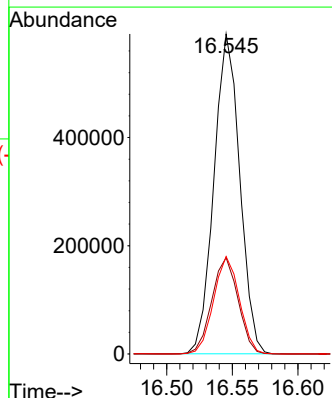
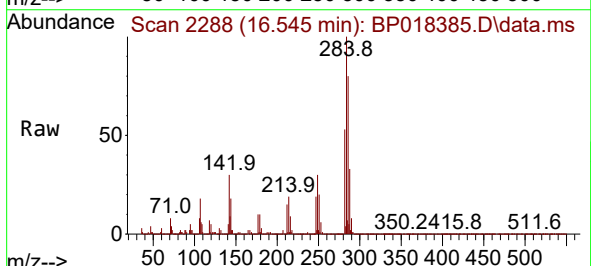
Tgt Ion:284 Resp: 808441

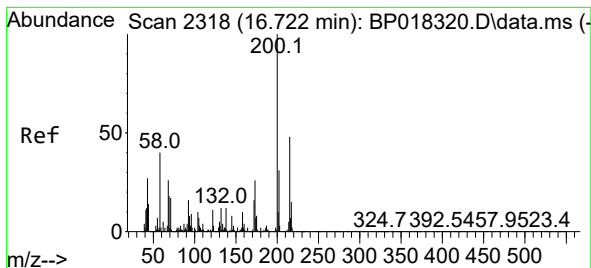
Ion Ratio Lower Upper

284 100

142 30.1 28.9 43.3

249 30.4 26.0 39.0





#70

Atrazine

Concen: 14.170 ng/ul

RT: 16.710 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

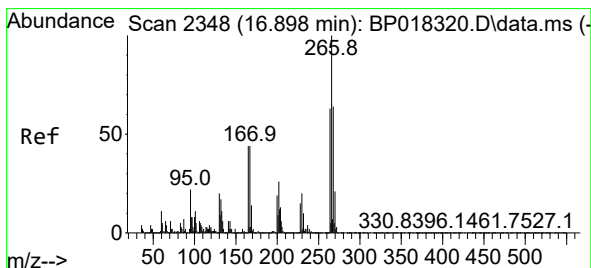
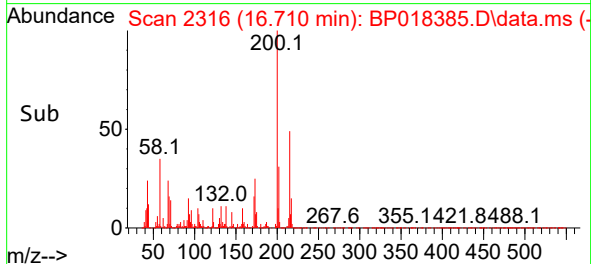
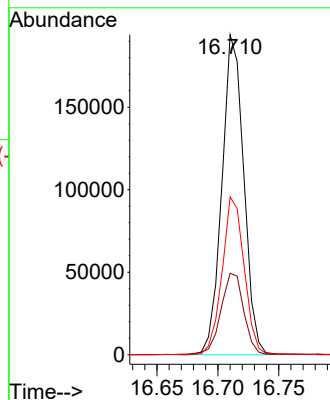
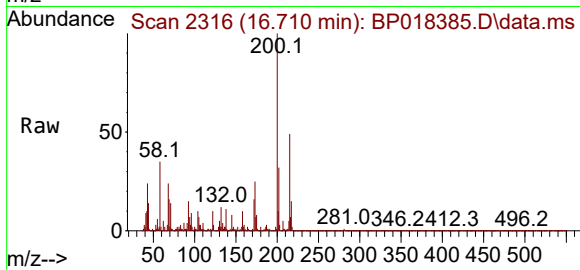
Tgt Ion:200 Resp: 242259

Ion Ratio Lower Upper

200 100

173 25.5 21.1 31.7

215 49.3 38.3 57.5



#71

Pentachlorophenol

Concen: 31.843 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

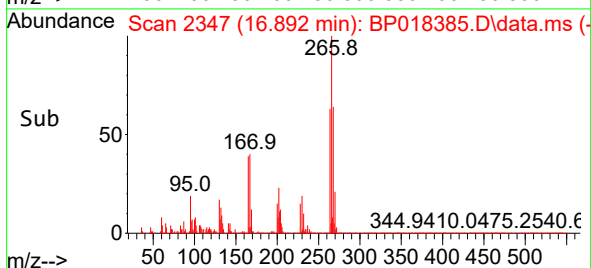
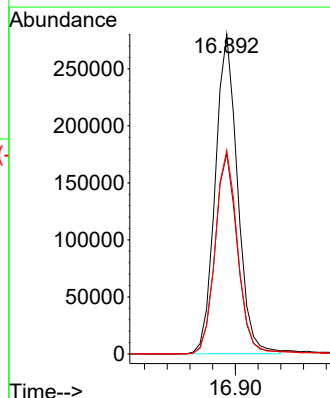
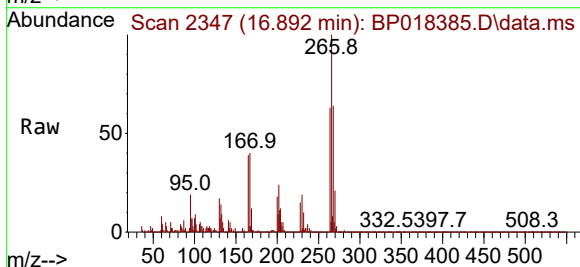
Tgt Ion:266 Resp: 381384

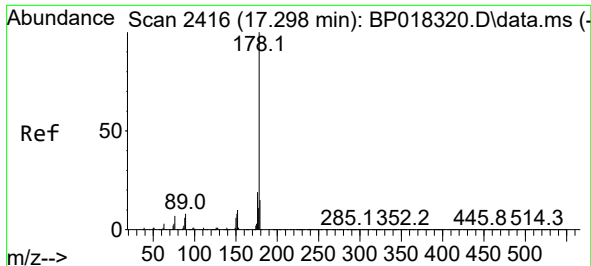
Ion Ratio Lower Upper

266 100

264 62.5 50.1 75.1

268 63.7 50.1 75.1

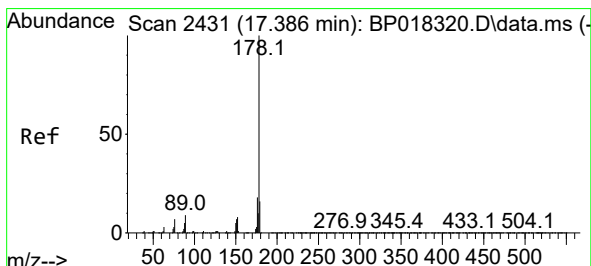
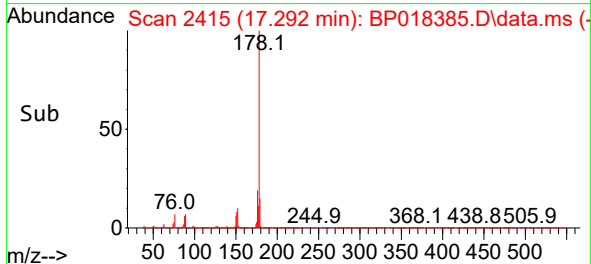
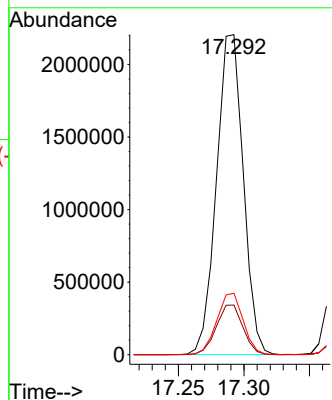
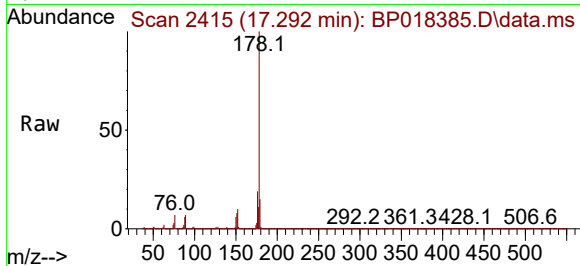




#72
Phenanthrene
Concen: 31.190 ng/ul
RT: 17.292 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

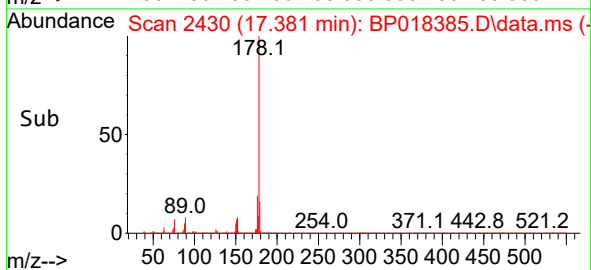
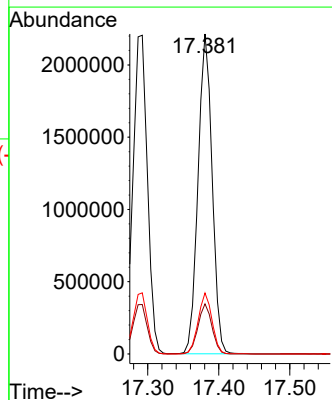
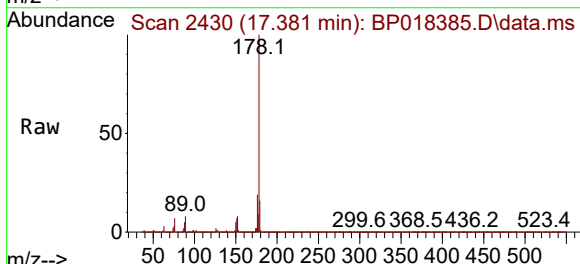
Instrument :
BNA_P
ClientSampleId :

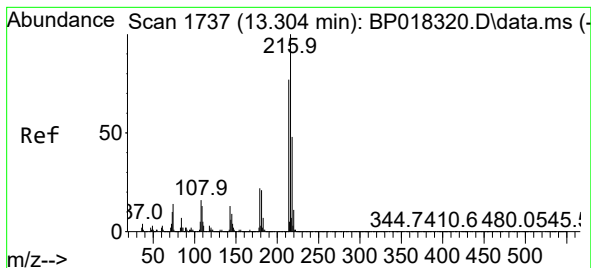
Tgt Ion:178 Resp: 3133018
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.2 15.1 22.7



#74
Anthracene
Concen: 30.167 ng/ul
RT: 17.381 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:178 Resp: 3058747
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.1 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 42.180 ng/uL

RT: 13.298 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

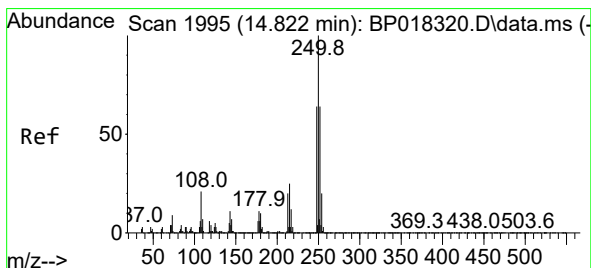
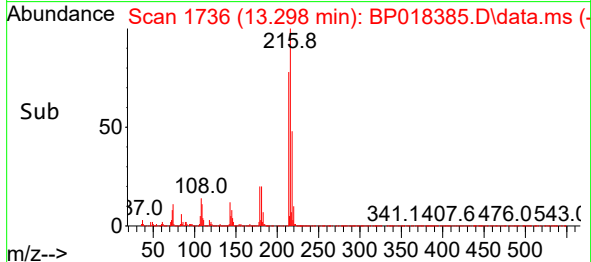
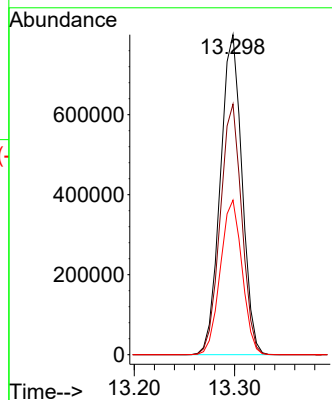
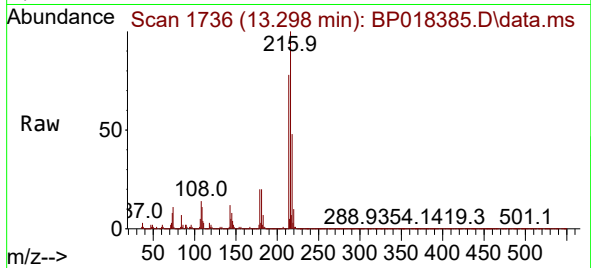
Tgt Ion:216 Resp: 1197320

Ion Ratio Lower Upper

216 100

214 78.3 62.0 93.0

218 48.3 38.6 57.8



#76

Pentachlorobenzene

Concen: 38.907 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

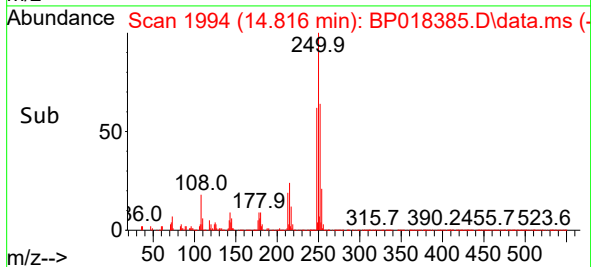
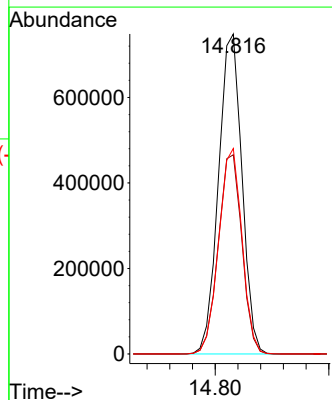
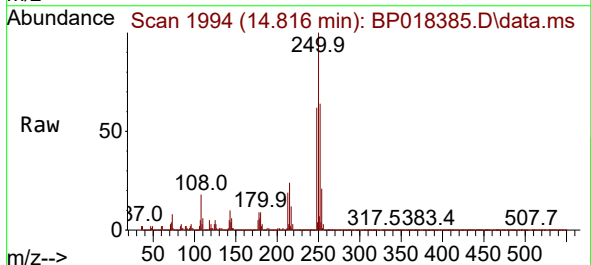
Tgt Ion:250 Resp: 1072807

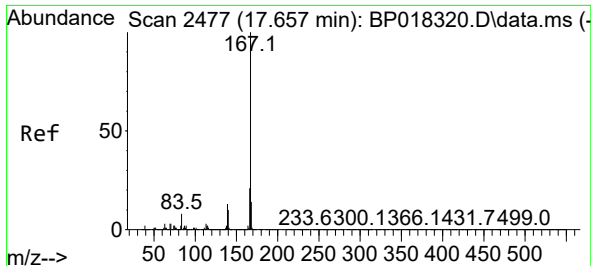
Ion Ratio Lower Upper

250 100

248 62.3 51.0 76.6

252 64.2 51.5 77.3

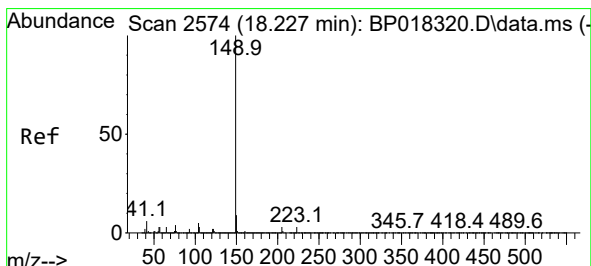
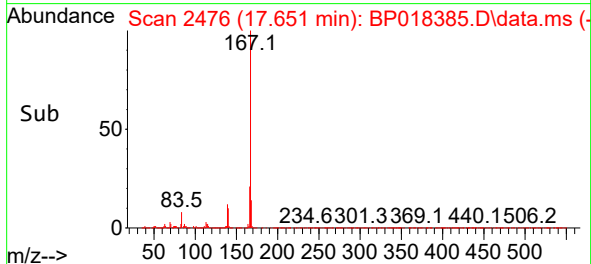
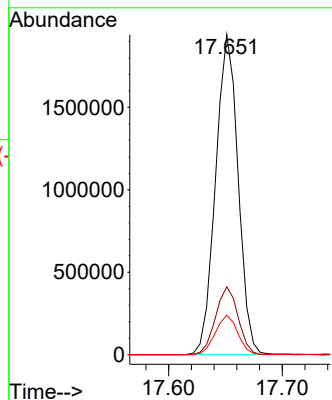
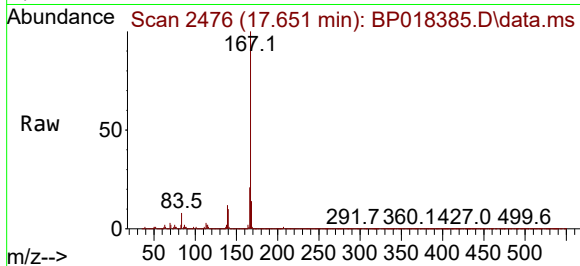




#77
 Carbazole
 Concen: 32.562 ng/ul
 RT: 17.651 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BP018385.D
 Acq: 26 Nov 2023 00:56

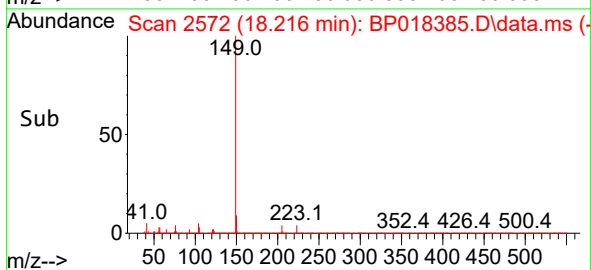
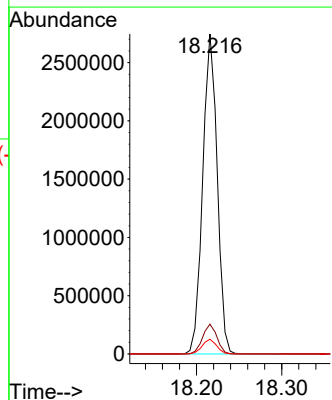
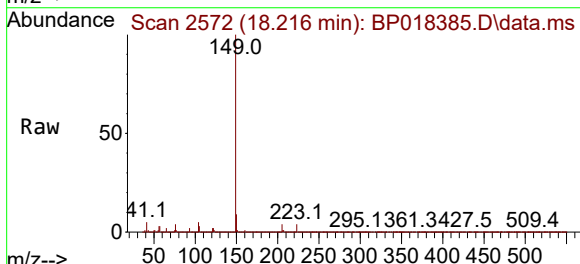
Instrument :
 BNA_P
 ClientSampleId :

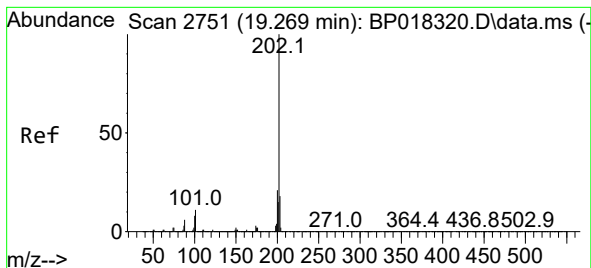
Tgt Ion:167 Resp: 2674742
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 12.3 10.0 15.0



#78
 Di-n-butylphthalate
 Concen: 28.276 ng/ul
 RT: 18.216 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BP018385.D
 Acq: 26 Nov 2023 00:56

Tgt Ion:149 Resp: 3230812
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.6 3.8 5.6





#80

Fluoranthene

Concen: 23.294 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

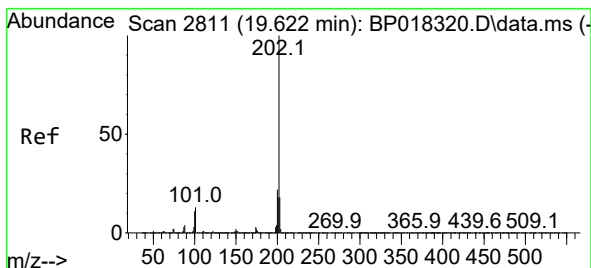
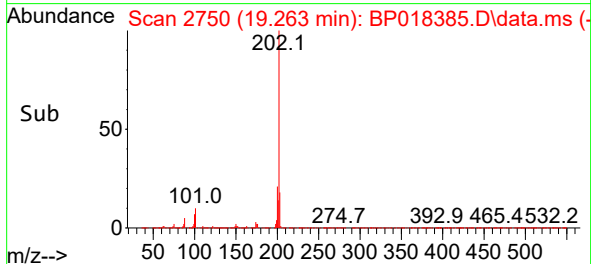
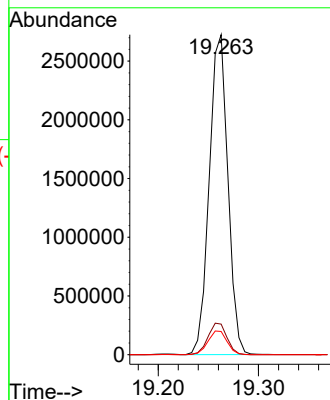
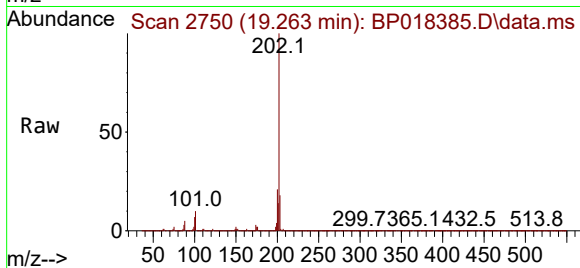
Tgt Ion:202 Resp: 3519044

Ion Ratio Lower Upper

202 100

101 9.5 8.6 13.0

100 7.3 6.7 10.1



#82

Pyrene

Concen: 24.262 ng/ul

RT: 19.616 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

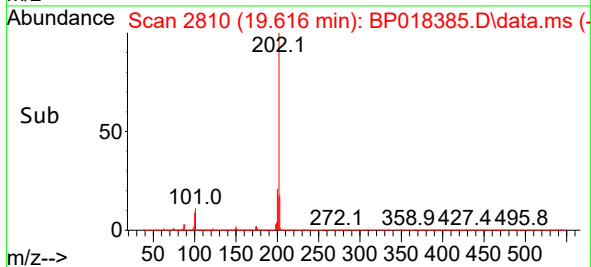
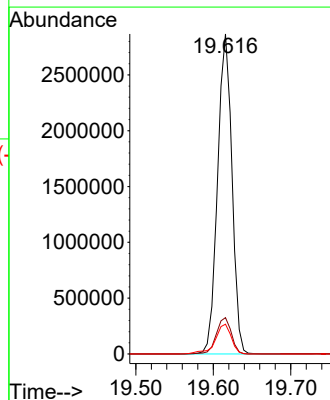
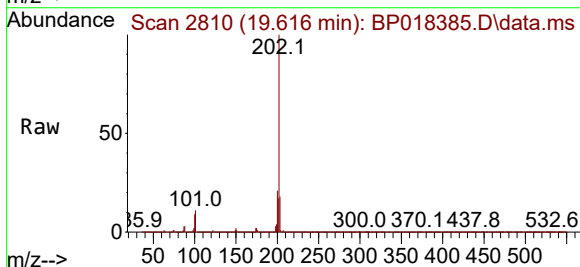
Tgt Ion:202 Resp: 3690801

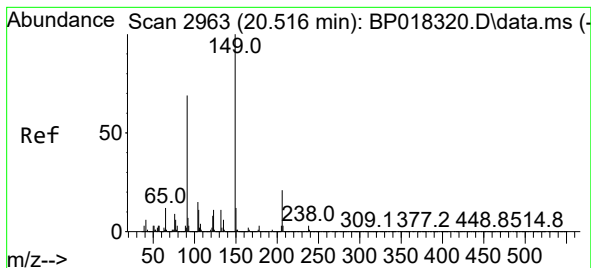
Ion Ratio Lower Upper

202 100

101 11.4 10.2 15.4

100 9.3 8.4 12.6





#83

Butylbenzylphthalate

Concen: 24.747 ng/ul

RT: 20.510 min Scan# 2963

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

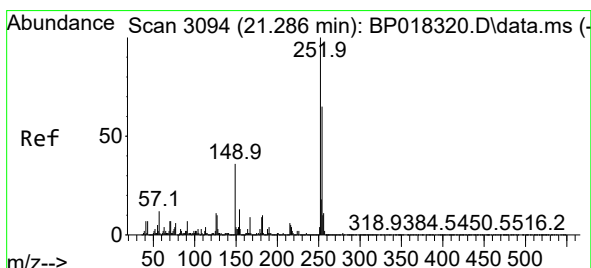
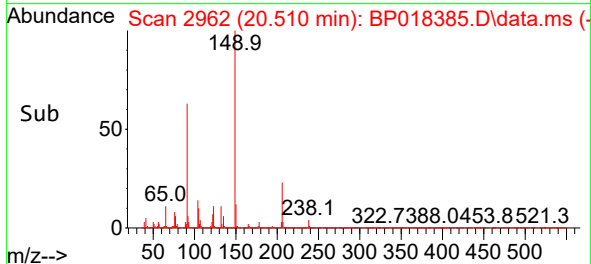
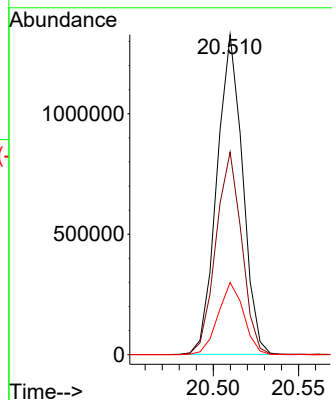
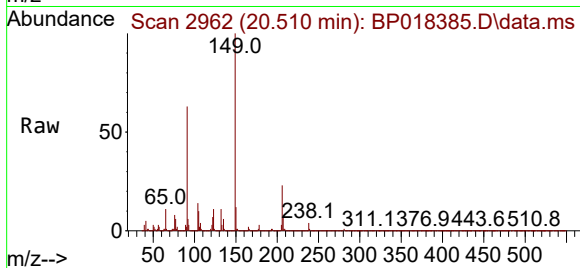
Tgt Ion:149 Resp: 1393171

Ion Ratio Lower Upper

149 100

91 63.4 53.7 80.5

206 22.6 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 33.743 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. 0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

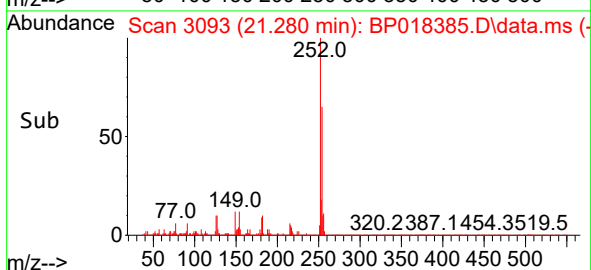
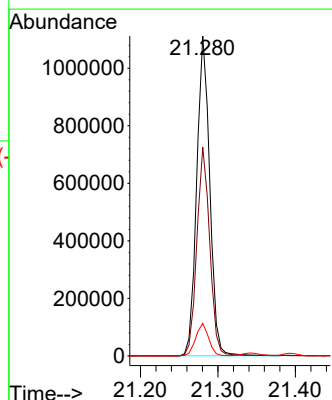
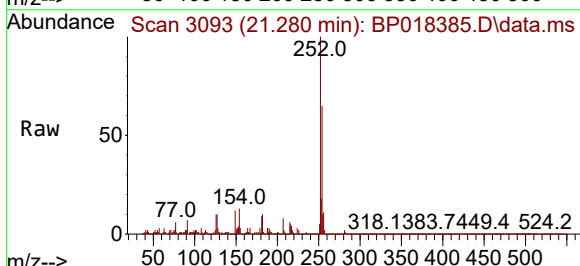
Tgt Ion:252 Resp: 1296750

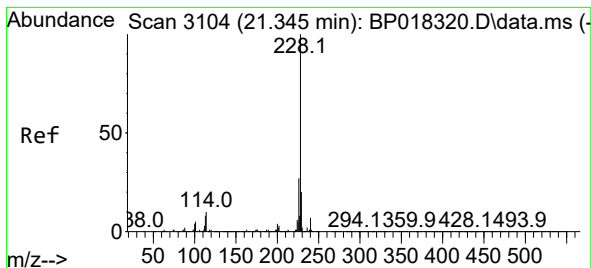
Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

126 10.2 8.6 12.8





#85

Benzo(a)anthracene

Concen: 31.098 ng/ul

RT: 21.339 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

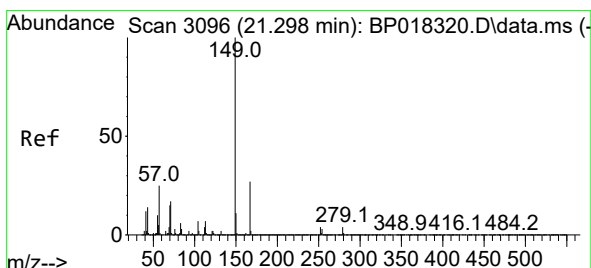
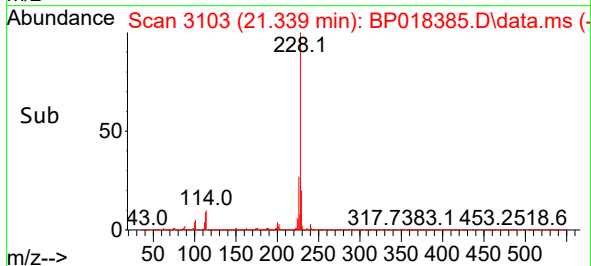
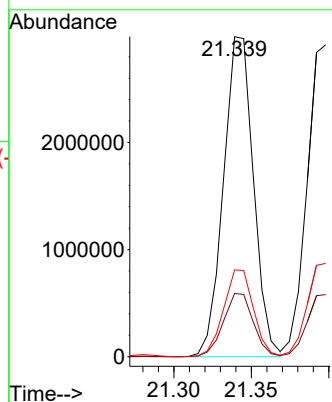
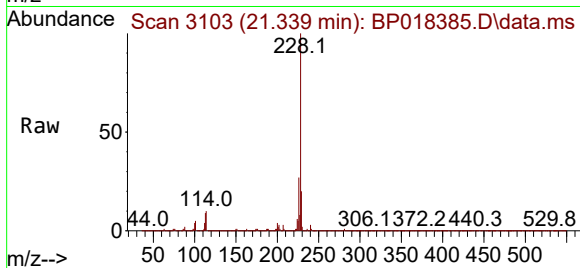
Tgt Ion:228 Resp: 4027010

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.2

226 27.1 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.047 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

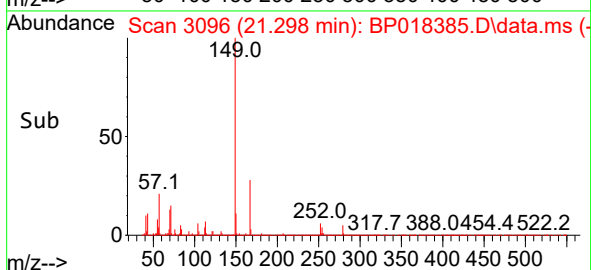
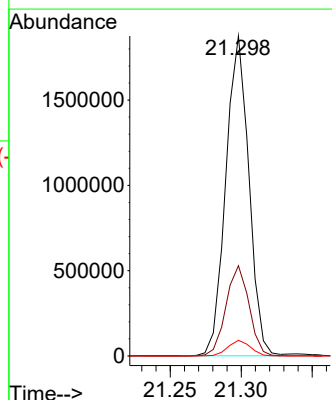
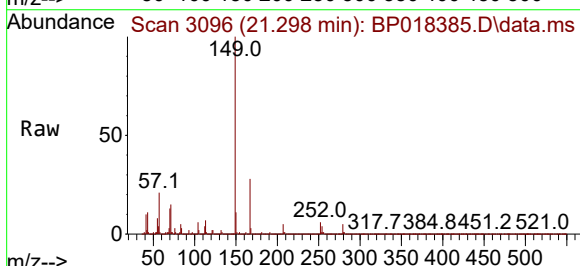
Tgt Ion:149 Resp: 2115599

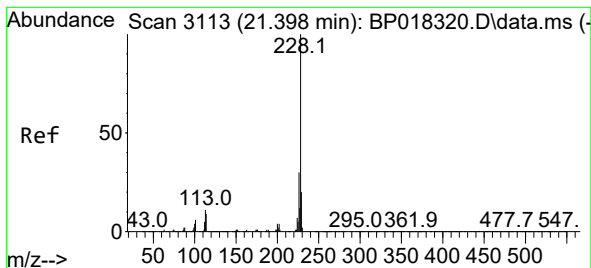
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 4.9 3.4 5.0





#87

Chrysene

Concen: 31.853 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

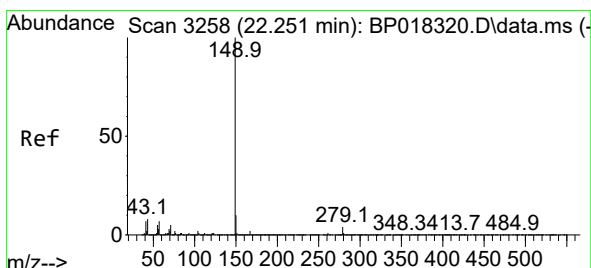
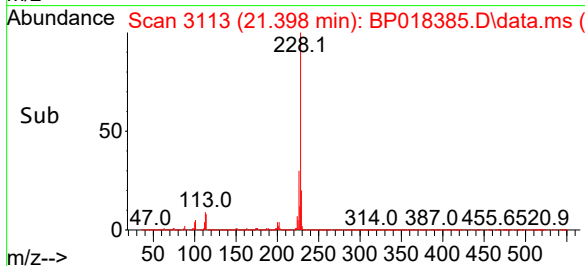
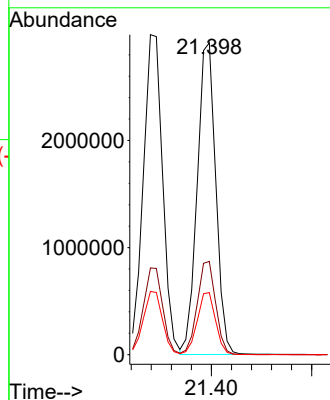
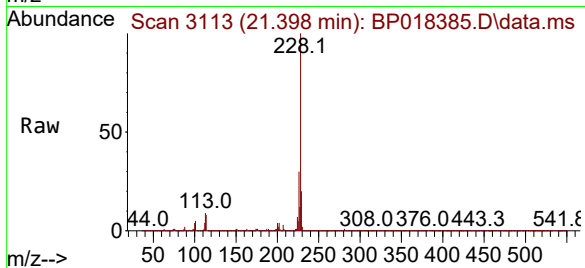
Tgt Ion:228 Resp: 3753391

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 19.9 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 26.561 ng/ul

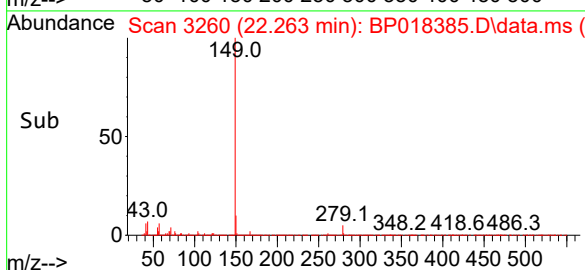
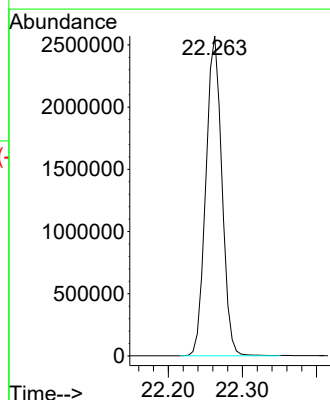
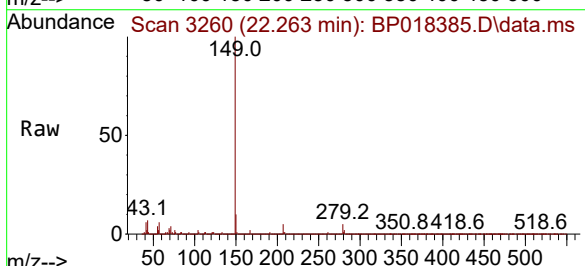
RT: 22.263 min Scan# 3260

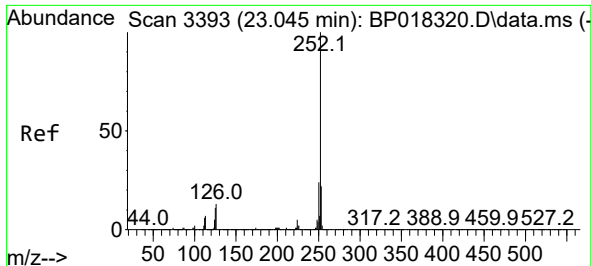
Delta R.T. 0.018 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Tgt Ion:149 Resp: 3856804

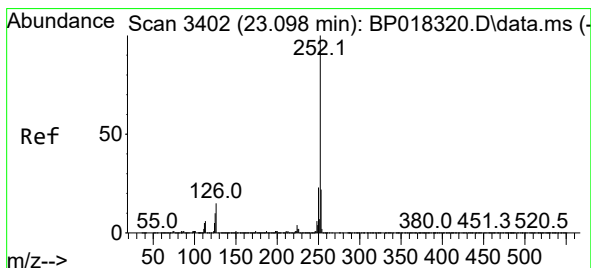
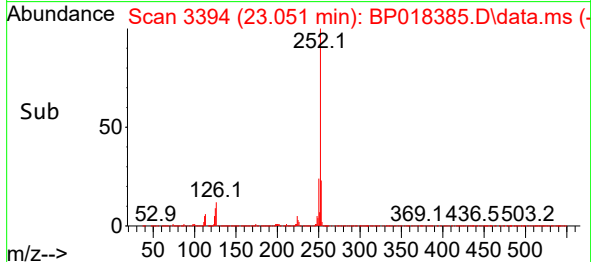
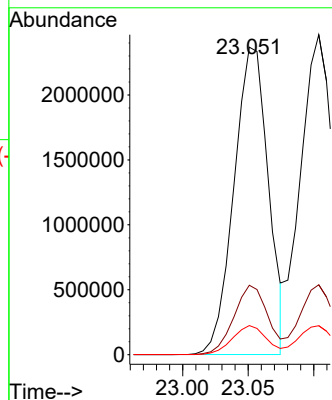
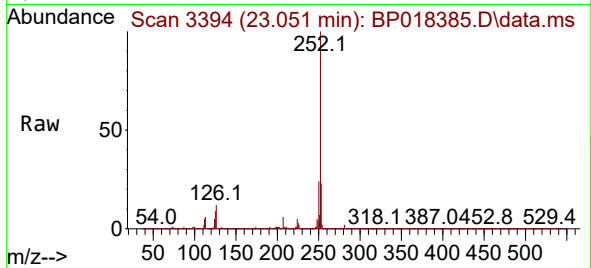




#90
Benzo(b)fluoranthene
Concen: 30.182 ng/ul
RT: 23.051 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

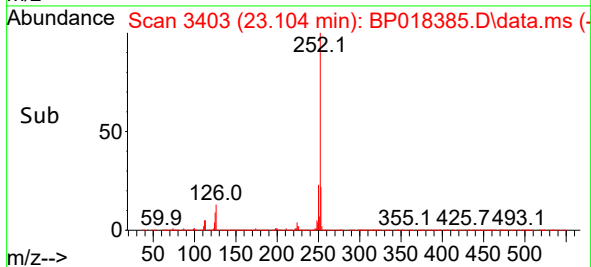
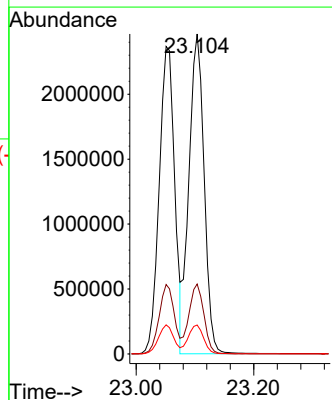
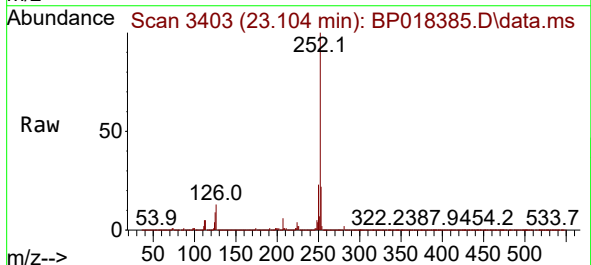
Instrument :
BNA_P
ClientSampleId :

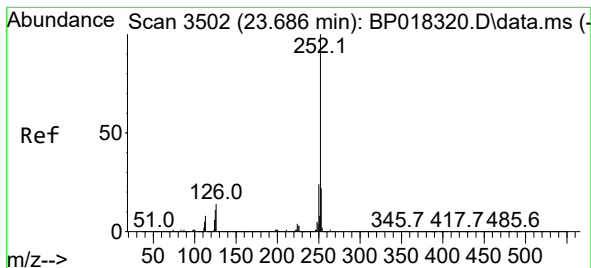
Tgt Ion:252 Resp: 4323932
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.5 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 30.936 ng/ul
RT: 23.104 min Scan# 3403
Delta R.T. 0.018 min
Lab File: BP018385.D
Acq: 26 Nov 2023 00:56

Tgt Ion:252 Resp: 4412051
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.1 8.0 12.0





#93

Benzo(a)pyrene

Concen: 31.654 ng/ul

RT: 23.692 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

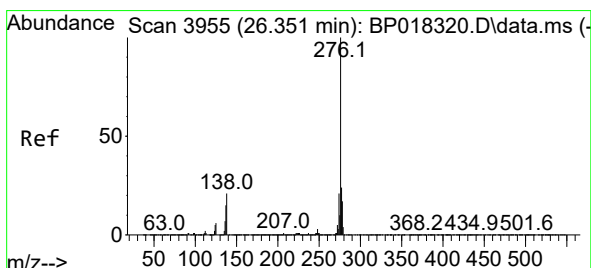
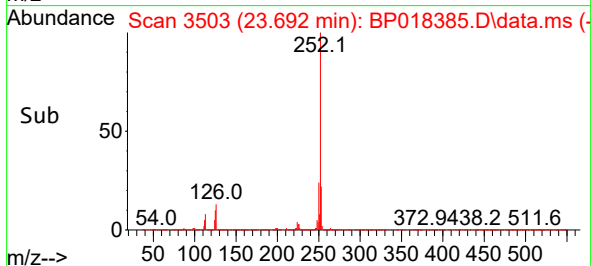
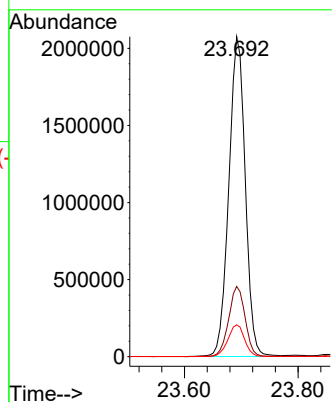
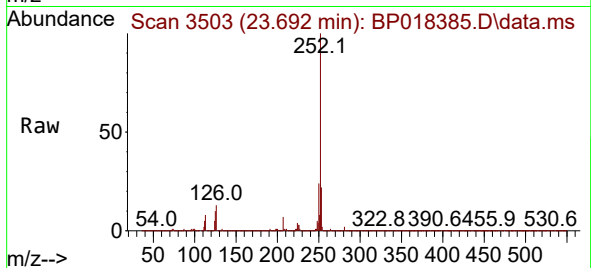
Tgt Ion:252 Resp: 4170509

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.0 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.346 ng/ul

RT: 26.398 min Scan# 3963

Delta R.T. 0.053 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

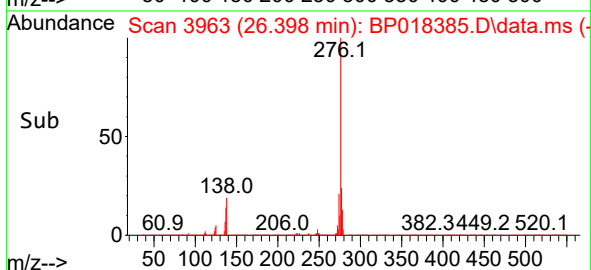
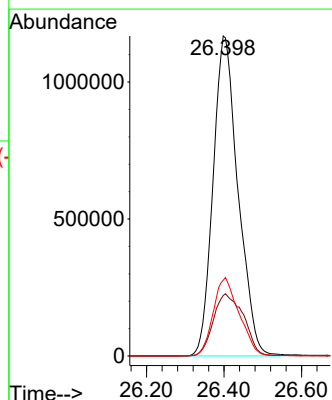
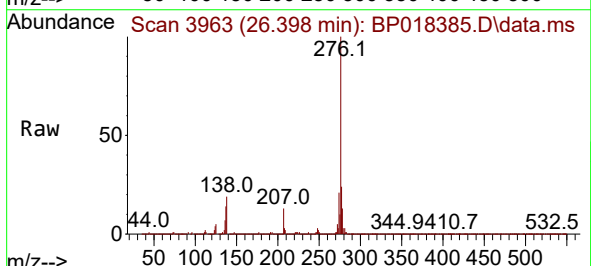
Tgt Ion:276 Resp: 5232355

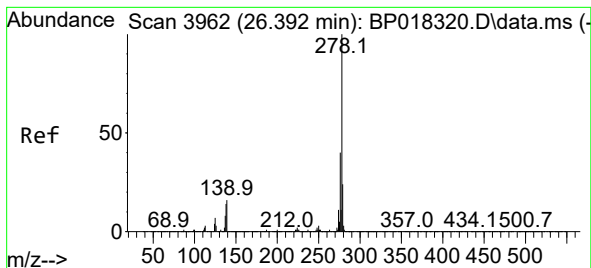
Ion Ratio Lower Upper

276 100

138 18.9 17.5 26.3

277 23.6 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 34.727 ng/ul

RT: 26.445 min Scan# 3962

Delta R.T. 0.065 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Instrument :

BNA_P

ClientSampleId :

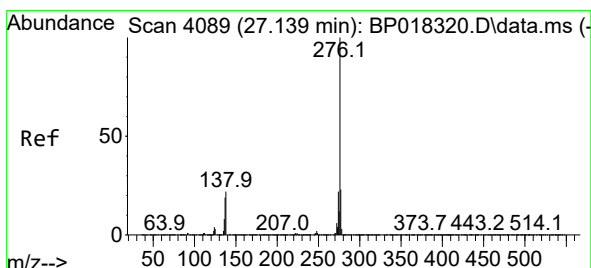
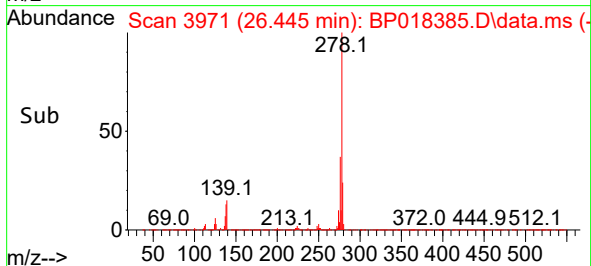
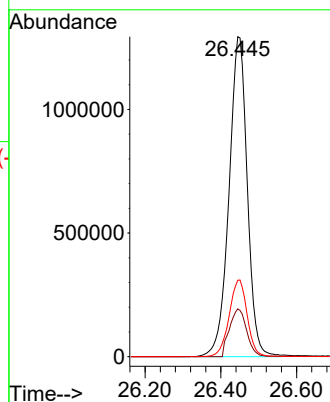
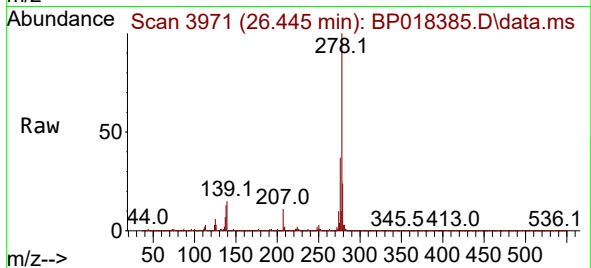
Tgt Ion:278 Resp: 4331034

Ion Ratio Lower Upper

278 100

139 15.0 13.3 19.9

279 23.9 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 34.685 ng/ul

RT: 27.198 min Scan# 4099

Delta R.T. 0.071 min

Lab File: BP018385.D

Acq: 26 Nov 2023 00:56

Tgt Ion:276 Resp: 4279379

Ion Ratio Lower Upper

276 100

138 20.0 17.7 26.5

277 23.7 18.6 28.0

