

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018757.D
 Acq On : 12 Dec 2023 08:58
 Operator : MA/JU
 Sample : 05675-08MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 21:34:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	183247	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	706121	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	460008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1072467	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.310	240	1168313	20.000	ng/ul	# 0.00
88) Perylene-d12	23.674	264	1323490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	20398	3.793	ng/uL	0.00
4) Pyridine-d5	3.687	84	87955	6.106	ng/ul	0.01
7) Phenol-d5	7.010	99	87631	4.765	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	278331	25.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	279608	19.486	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	164796	11.073	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	184208	29.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	200102	30.710	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	365821	27.457	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	359116	20.624	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	1330942	32.418	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1346460	29.783	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	44641	6.624	ng/ul	0.00
60) Fluorene-d10	15.463	176	1121870	32.553	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	234834	36.519	ng/ul	0.00
73) Anthracene-d10	17.316	188	1814781	32.188	ng/ul	0.00
81) Pyrene-d10	19.557	212	2425042	26.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2693932	34.910	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	36683	6.221	ng/uL	97
5) Pyridine	3.705	79	110976	7.630	ng/ul	96
6) Benzaldehyde	6.981	77	262430	27.640	ng/ul	98
8) Phenol	7.040	94	100117	5.552	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.269	93	399372	26.965	ng/ul	99
12) 2-Chlorophenol	7.404	128	296977	20.449	ng/ul	98
13) 2-Methylphenol	8.287	108	201163	14.570	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.369	45	480372	25.562	ng/ul	99
16) Acetophenone	8.669	105	622690	28.075	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.651	70	299863	24.576	ng/ul	98
18) 4-Methylphenol	8.616	108	185655	12.315	ng/ul	100
19) Hexachloroethane	8.916	117	167992	28.217	ng/ul	86
22) Nitrobenzene	9.046	77	475017	31.087	ng/ul	99
23) Isophorone	9.569	82	880504	28.262	ng/ul	98
25) 2-Nitrophenol	9.751	139	219192	31.419	ng/ul#	92
26) 2,4-Dimethylphenol	9.816	107	209198	15.332	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.057	93	541161	27.514	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	366794	28.581	ng/ul	97
30) Naphthalene	10.687	128	1258644	29.383	ng/ul	100
32) 4-Chloroaniline	10.804	127	328173	19.775	ng/ul	99
33) Hexachlorobutadiene	10.969	225	326364	37.972	ng/ul	98
34) Caprolactam	11.587	113	15193	3.861	ng/ul	98
35) 4-Chloro-3-methylphenol	11.922	107	352341	24.508	ng/ul	98
36) 2-Methylnaphthalene	12.292	142	885793	29.189	ng/ul	100

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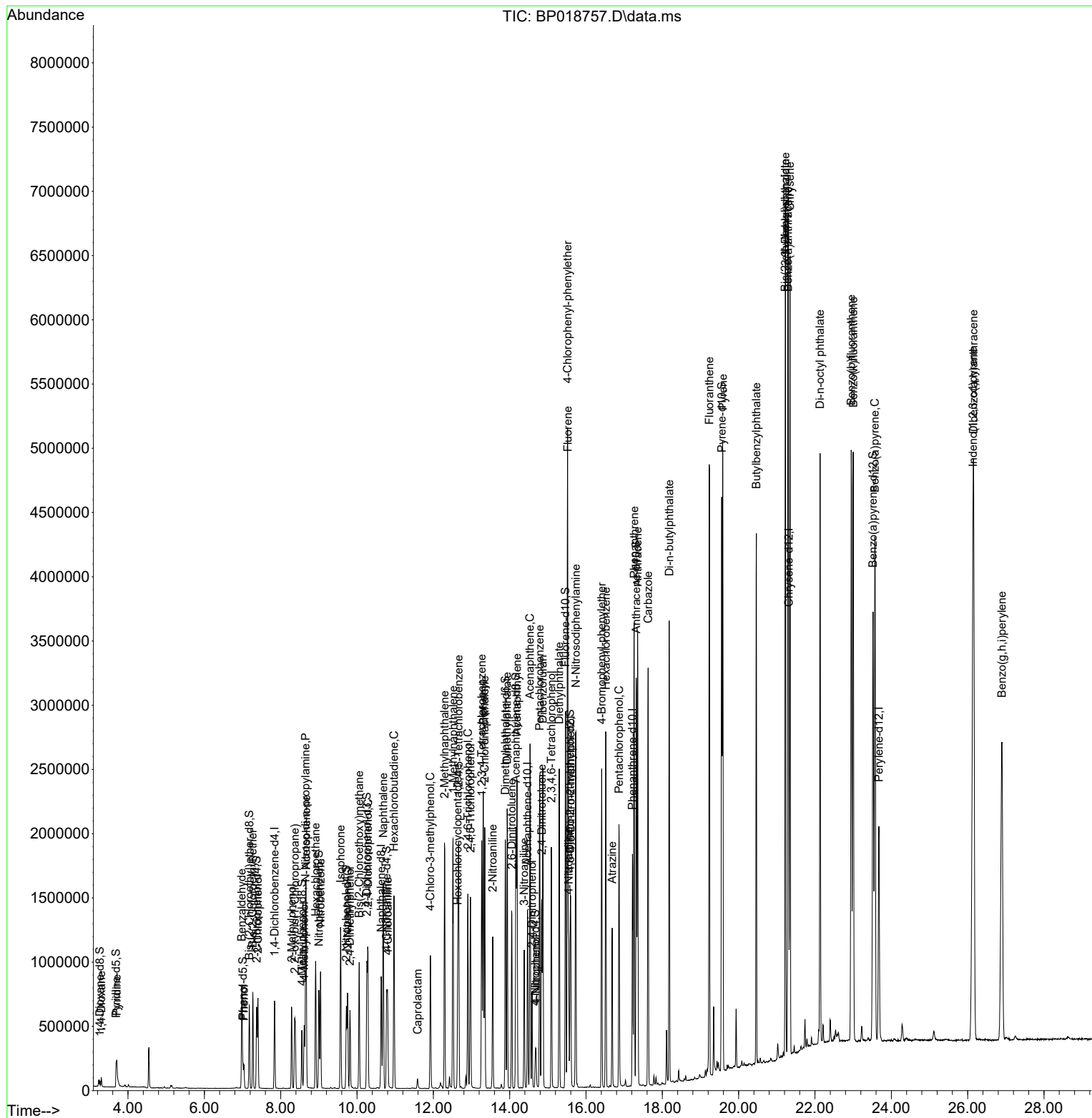
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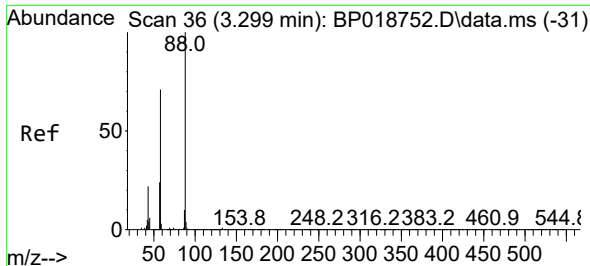
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	876422	28.598	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	593119	35.538	ng/ul	99
40) Hexachlorocyclopentadiene	12.639	237	259178	26.200	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	364486	33.949	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	395892	34.012	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1225905	30.814	ng/ul	99
44) 2-Chloronaphthalene	13.345	162	986028	31.380	ng/ul	98
45) 2-Nitroaniline	13.557	65	293980	34.512	ng/ul	99
47) Dimethylphthalate	13.934	163	1381650	34.188	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	288433	37.776	ng/ul	95
50) Acenaphthylene	14.192	152	1592353	31.328	ng/ul	100
51) 3-Nitroaniline	14.381	138	244217	32.041	ng/ul	98
52) Acenaphthene	14.533	153	1077941	32.075	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	160512	39.665	ng/ul	95
55) 4-Nitrophenol	14.686	109	45408	8.918	ng/ul	86
56) Dibenzofuran	14.869	168	1544308	33.062	ng/ul	97
57) 2,4-Dinitrotoluene	14.839	165	430312	40.065	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	384299	39.361	ng/ul	95
59) Diethylphthalate	15.298	149	1418869	35.878	ng/ul	99
61) Fluorene	15.522	166	1271371	34.399	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	709760	36.616	ng/ul	97
63) 4-Nitroaniline	15.545	138	277951	38.279	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	267464	38.903	ng/ul	98
67) N-Nitrosodiphenylamine	15.733	169	1094072	30.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	503362	37.177	ng/ul	96
69) Hexachlorobenzene	16.522	284	615774	40.735	ng/ul	95
70) Atrazine	16.686	200	240829	22.794	ng/ul	97
71) Pentachlorophenol	16.869	266	371838	41.359	ng/ul	98
72) Phenanthrene	17.263	178	2231508	34.452	ng/ul	100
74) Anthracene	17.351	178	2175612	33.509	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	602535	32.492	ng/uL	99
76) Pentachlorobenzene	14.786	250	651333	35.757	ng/uL	98
77) Carbazole	17.627	167	2018405	39.007	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2546520	36.959	ng/ul	99
80) Fluoranthene	19.233	202	2925155	27.211	ng/ul#	91
82) Pyrene	19.586	202	2982711	27.504	ng/ul#	90
83) Butylbenzylphthalate	20.463	149	1226939	30.904	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.227	252	720946	25.393	ng/ul	98
85) Benzo(a)anthracene	21.292	228	3290481	34.699	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1792719	32.853	ng/ul#	99
87) Chrysene	21.345	228	3073337	35.193	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3181703	32.926	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	3474849	35.610	ng/ul#	97
91) Benzo(k)fluoranthene	23.004	252	3441175	36.447	ng/ul#	97
93) Benzo(a)pyrene	23.568	252	3196287	35.847	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.139	276	4131884	38.785	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.156	278	3443069	38.852	ng/ul#	95
96) Benzo(g,h,i)perylene	26.898	276	3319687	38.721	ng/ul#	93

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

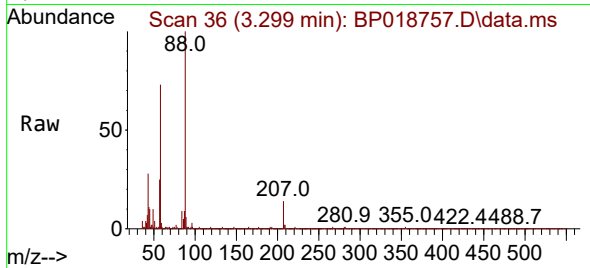
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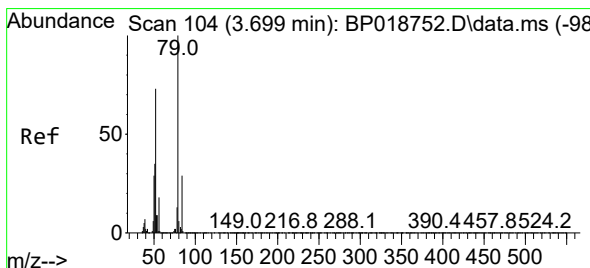
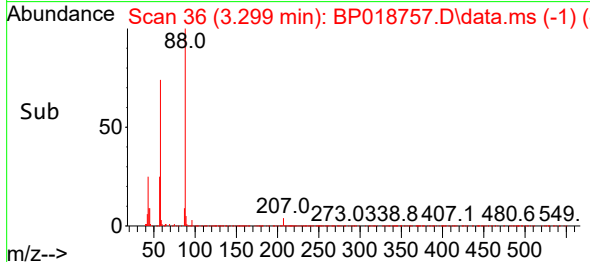
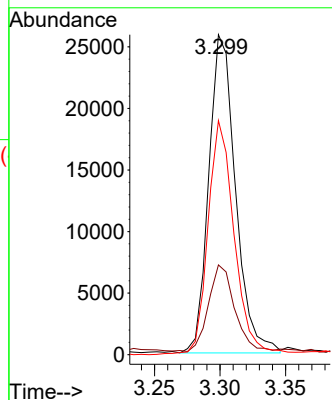


#2
1,4-Dioxane
Concen: 6.221 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

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BNA_P
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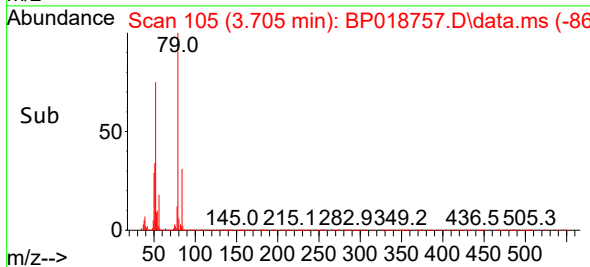
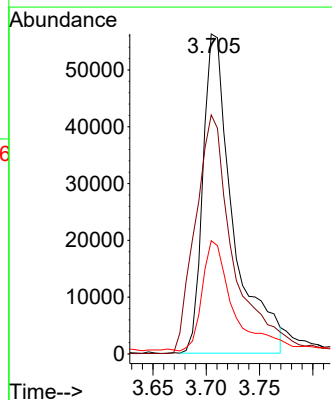
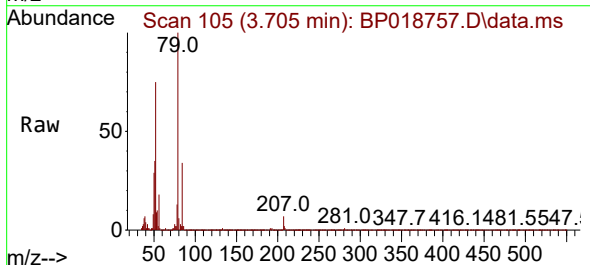


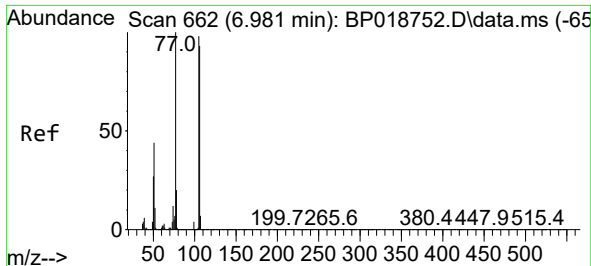
Tgt Ion: 88 Resp: 36683
Ion Ratio Lower Upper
88 100
43 28.0 21.8 32.6
58 73.2 56.5 84.7



#5
Pyridine
Concen: 7.630 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. 0.012 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion: 79 Resp: 110976
Ion Ratio Lower Upper
79 100
52 74.7 57.4 86.0
51 35.4 26.2 39.4

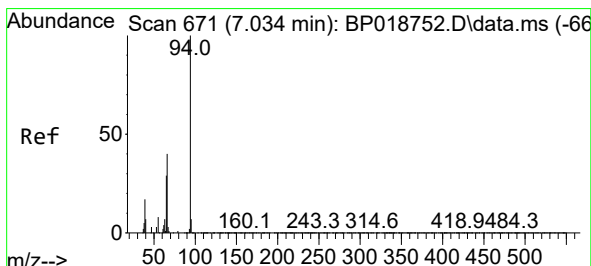
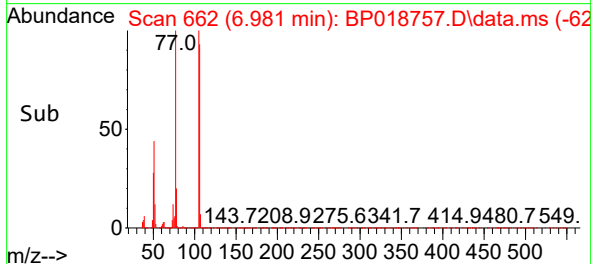
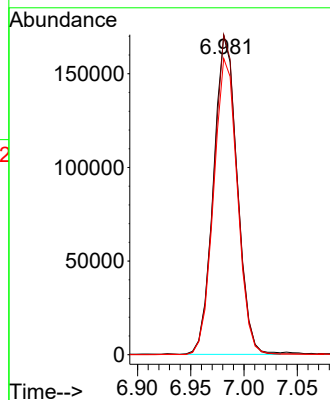
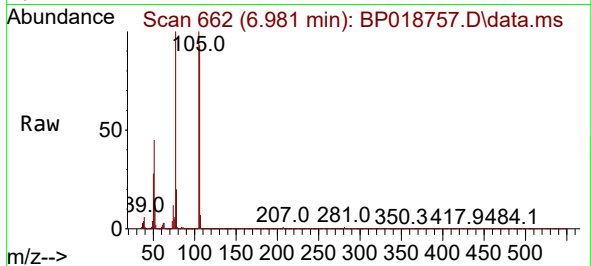




#6
Benzaldehyde
Concen: 27.640 ng/ul
RT: 6.981 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

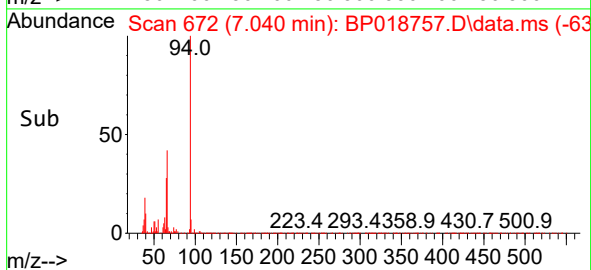
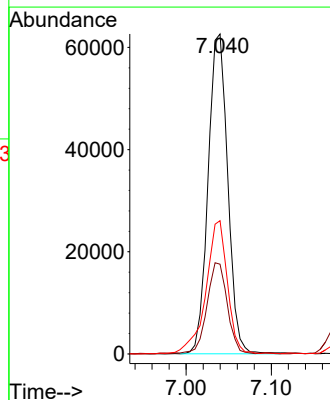
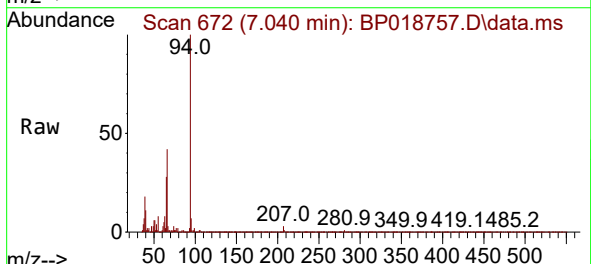
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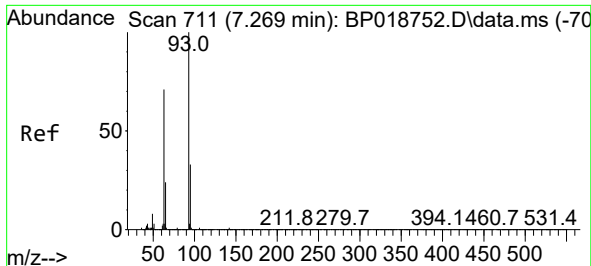
Tgt Ion: 77 Resp: 262430
Ion Ratio Lower Upper
77 100
105 100.3 77.9 116.9
106 92.9 74.6 111.8



#8
Phenol
Concen: 5.552 ng/ul
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion: 94 Resp: 100117
Ion Ratio Lower Upper
94 100
65 28.1 21.0 31.6
66 41.6 28.6 43.0

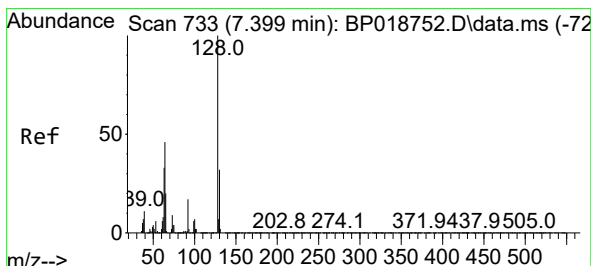
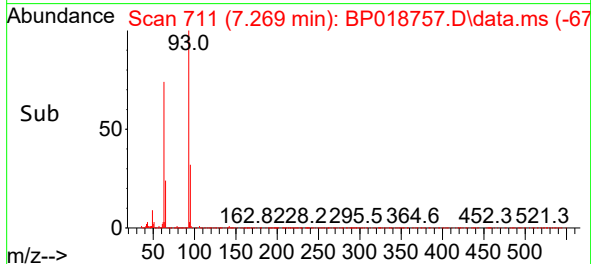
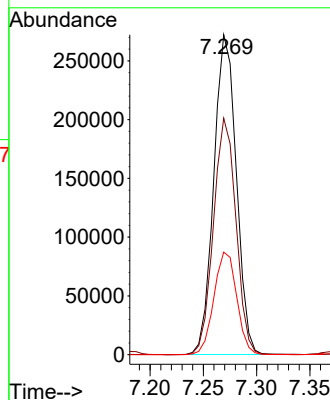
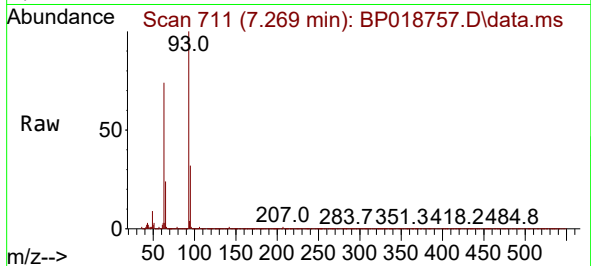




#10
Bis(2-Chloroethyl)ether
Concen: 26.965 ng/ul
RT: 7.269 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

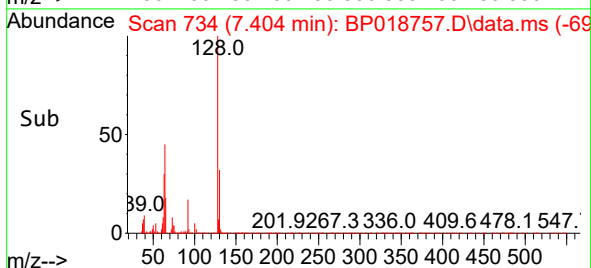
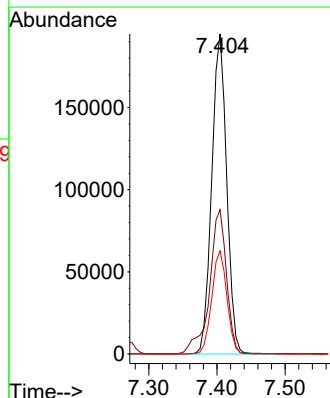
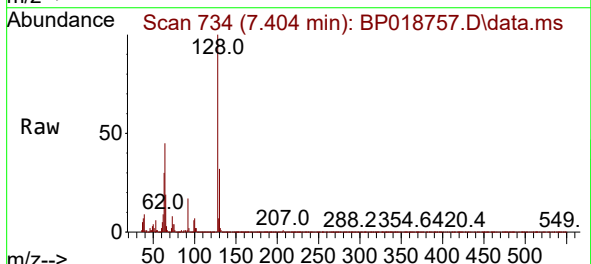
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ClientSampleId :

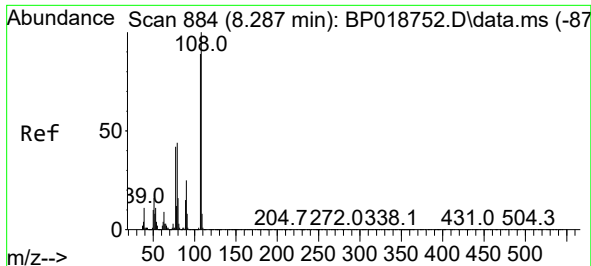
Tgt Ion: 93 Resp: 399372
Ion Ratio Lower Upper
93 100
63 73.9 58.3 87.5
95 32.0 25.9 38.9



#12
2-Chlorophenol
Concen: 20.449 ng/ul
RT: 7.404 min Scan# 734
Delta R.T. 0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:128 Resp: 296977
Ion Ratio Lower Upper
128 100
64 45.1 37.0 55.4
130 32.2 26.8 40.2





#13

2-Methylphenol

Concen: 14.570 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. 0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

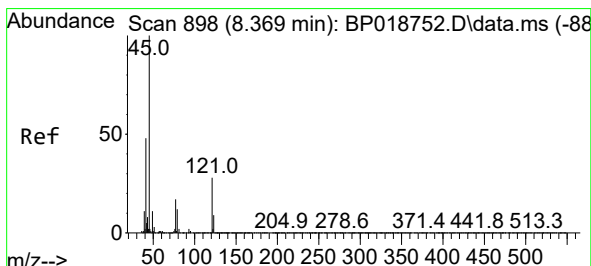
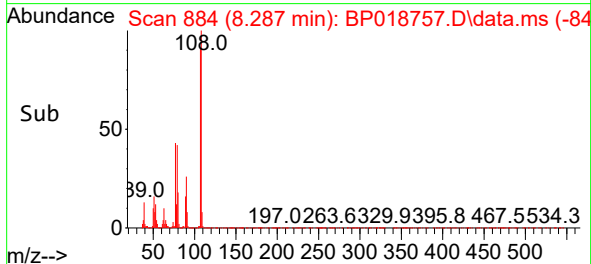
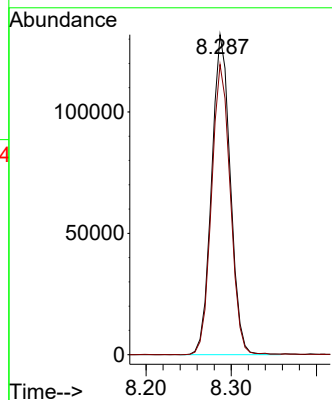
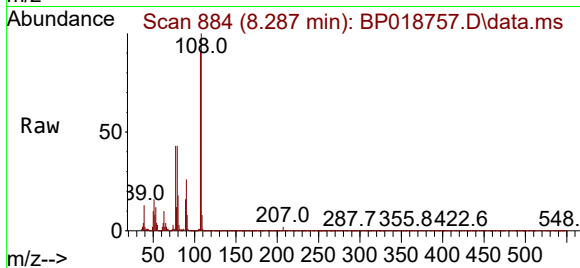
ClientSampleId :

Tgt Ion:108 Resp: 201163

Ion Ratio Lower Upper

108 100

107 90.7 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.562 ng/ul

RT: 8.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

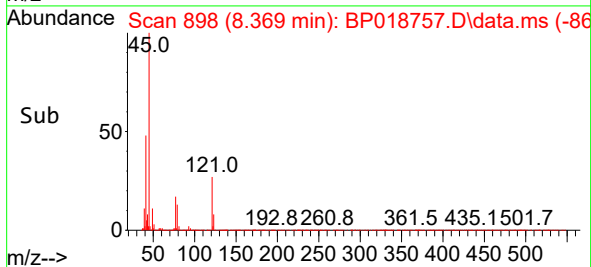
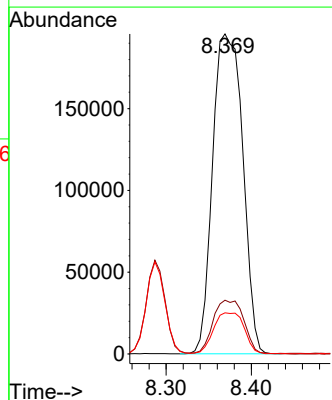
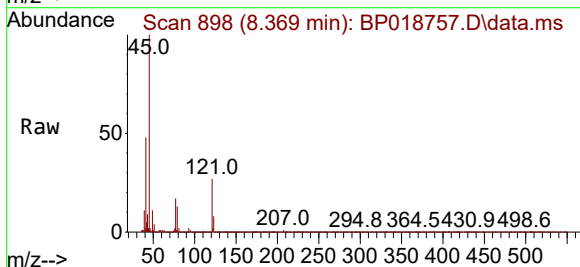
Tgt Ion: 45 Resp: 480372

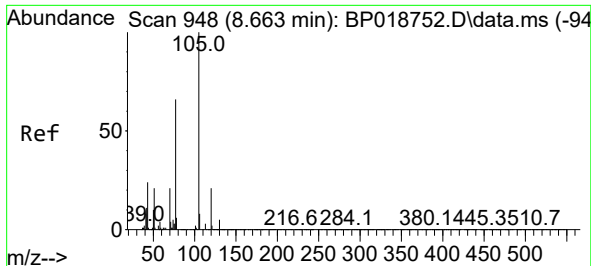
Ion Ratio Lower Upper

45 100

77 16.8 12.7 19.1

79 12.9 10.5 15.7

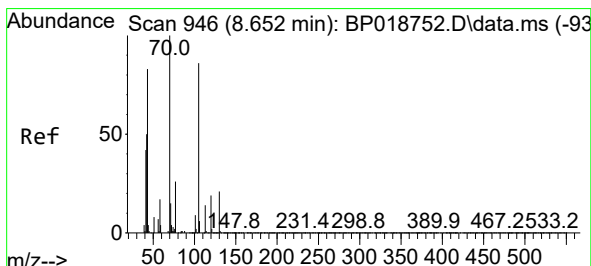
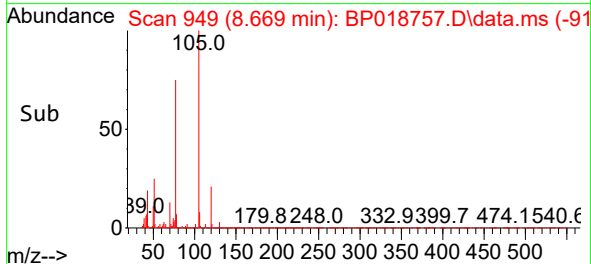
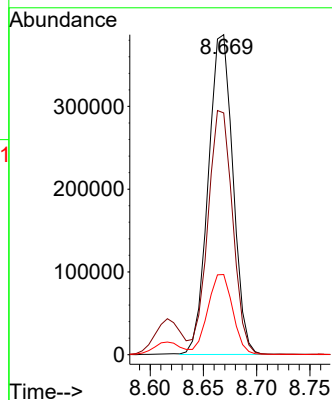
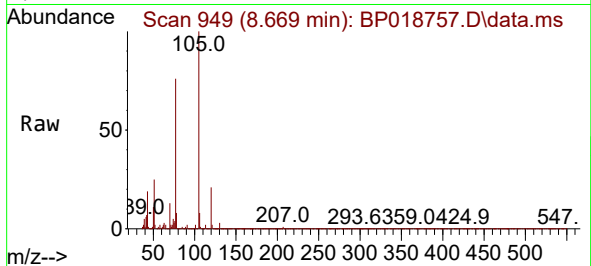




#16
Acetophenone
Concen: 28.075 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP018757.D
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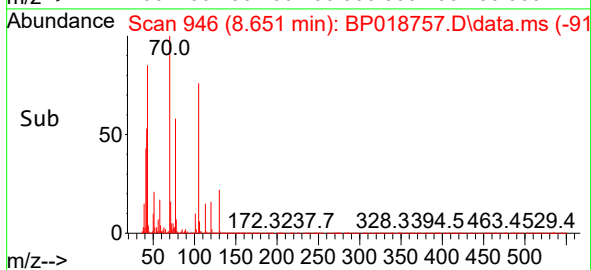
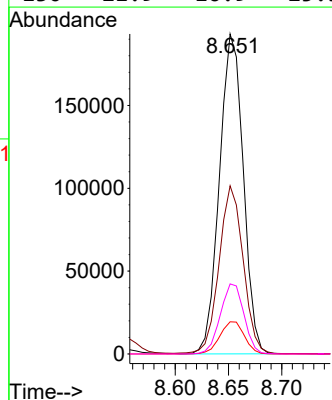
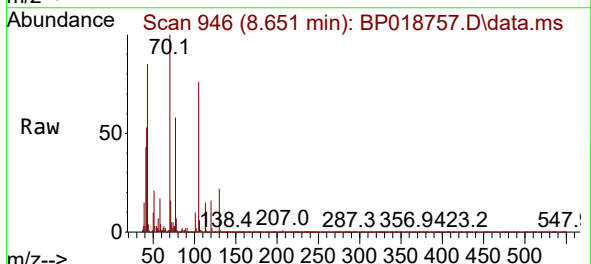
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BNA_P
ClientSampleId :

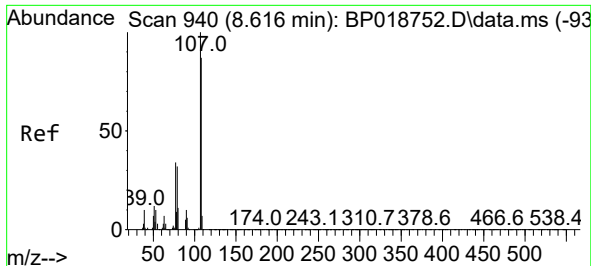
Tgt Ion:105 Resp: 622690
Ion Ratio Lower Upper
105 100
77 75.5 59.4 89.0
51 25.1 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 24.576 ng/ul
RT: 8.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion: 70 Resp: 299863
Ion Ratio Lower Upper
70 100
42 52.6 41.0 61.4
101 10.1 7.8 11.8
130 21.9 16.9 25.3





#18

4-Methylphenol

Concen: 12.315 ng/ul

RT: 8.616 min Scan# 940

Delta R.T. -0.000 min

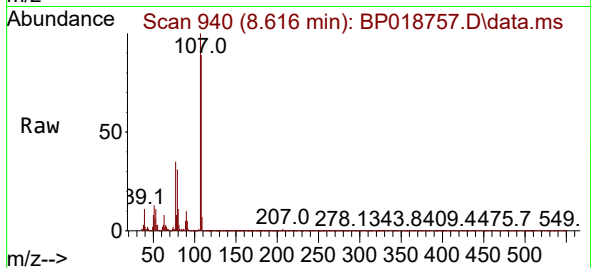
Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

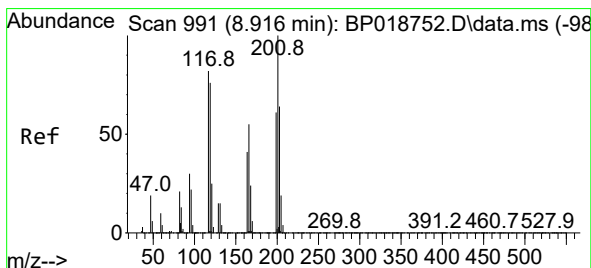
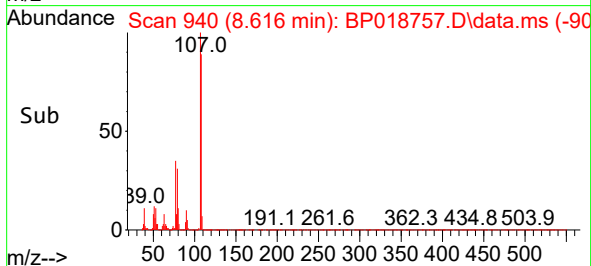
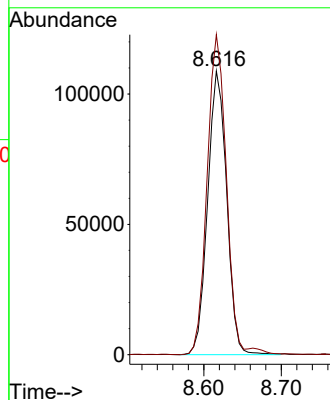


Tgt Ion:108 Resp: 185655

Ion Ratio Lower Upper

108 100

107 112.8 90.6 136.0



#19

Hexachloroethane

Concen: 28.217 ng/ul

RT: 8.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

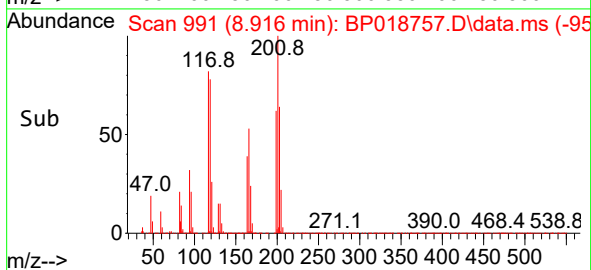
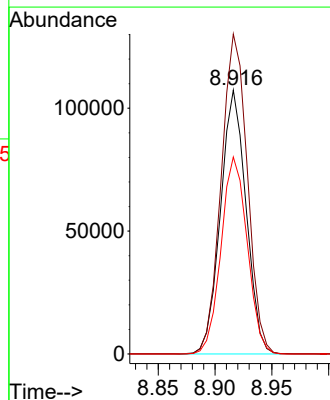
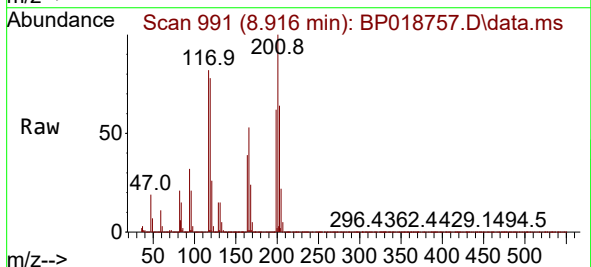
Tgt Ion:117 Resp: 167992

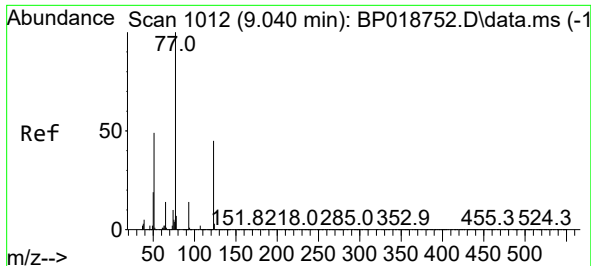
Ion Ratio Lower Upper

117 100

201 121.3 83.7 125.5

199 74.6 52.3 78.5

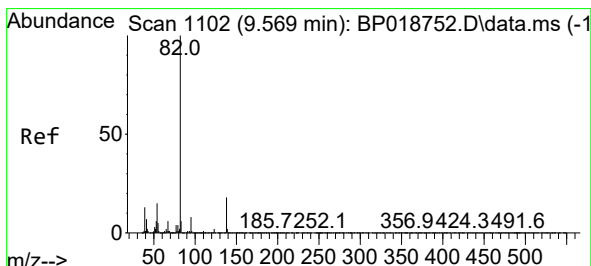
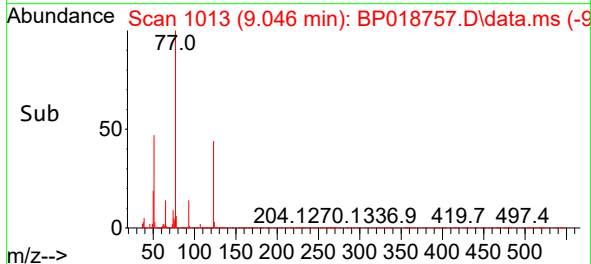
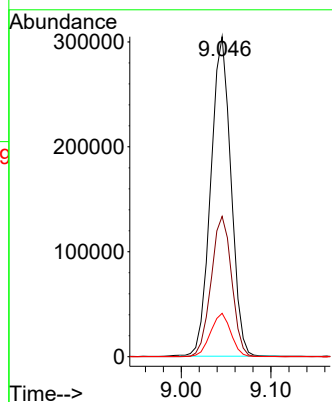
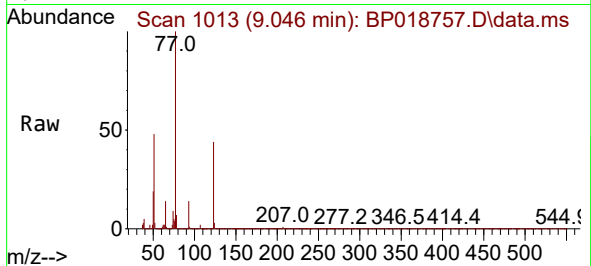




#22
Nitrobenzene
Concen: 31.087 ng/ul
RT: 9.046 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

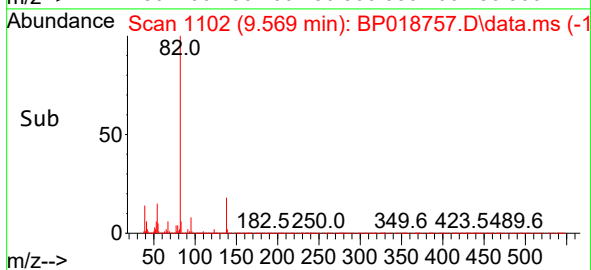
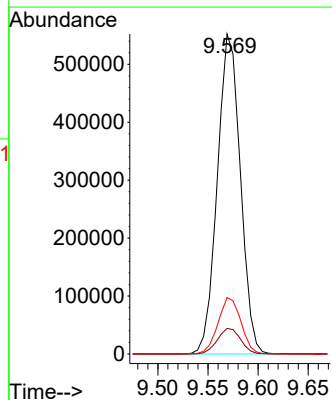
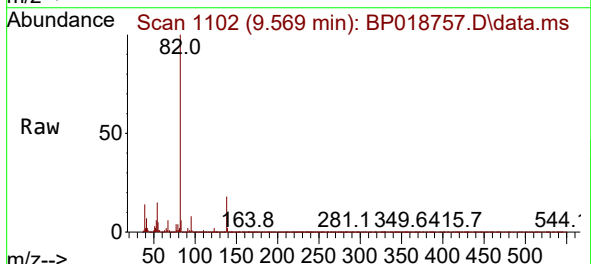
Instrument :
BNA_P
ClientSampleId :

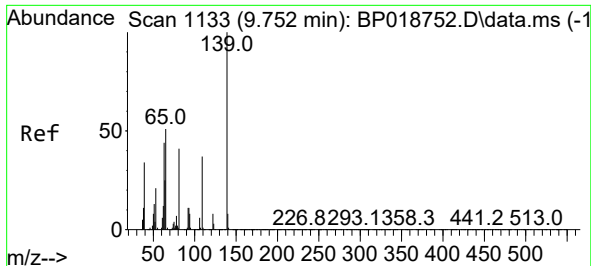
Tgt Ion: 77 Resp: 475017
Ion Ratio Lower Upper
77 100
123 43.8 35.8 53.8
65 13.5 10.5 15.7



#23
Isophorone
Concen: 28.262 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion: 82 Resp: 880504
Ion Ratio Lower Upper
82 100
95 8.0 5.5 8.3
138 17.7 13.5 20.3

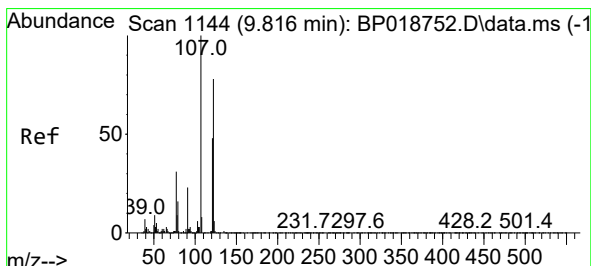
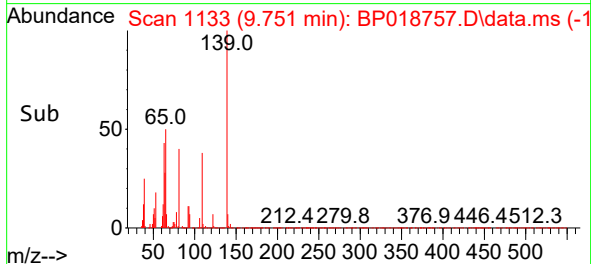
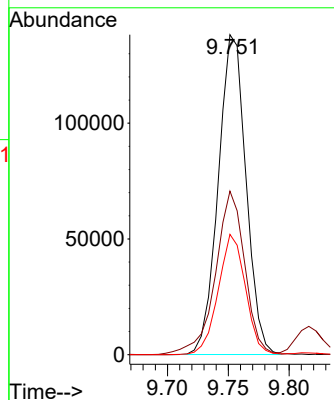
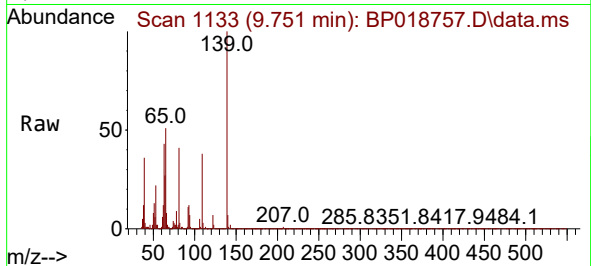




#25
2-Nitrophenol
Concen: 31.419 ng/ul
RT: 9.751 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

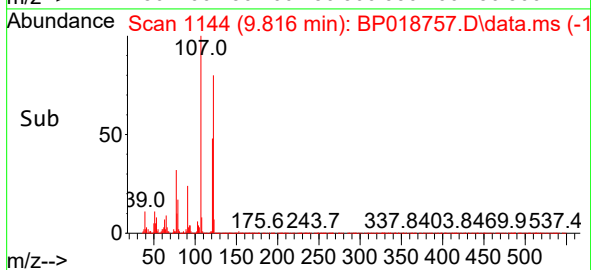
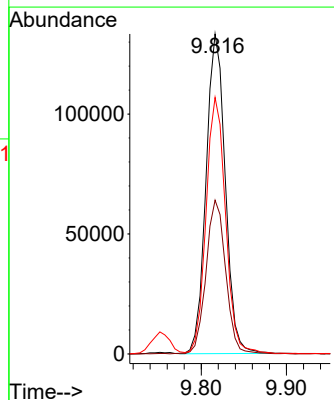
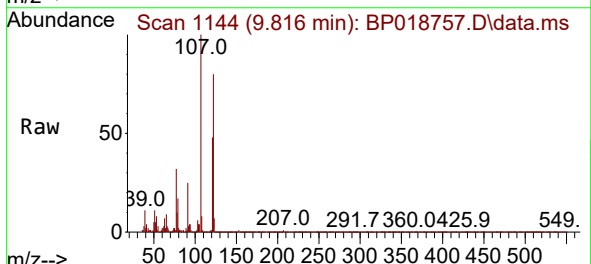
Instrument :
BNA_P
ClientSampleId :

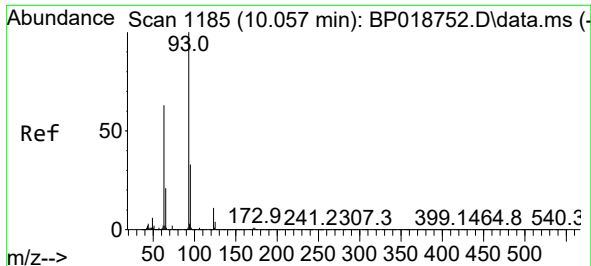
Tgt Ion:139 Resp: 219192
Ion Ratio Lower Upper
139 100
65 51.1 39.1 58.7
109 37.6 23.8 35.6#



#26
2,4-Dimethylphenol
Concen: 15.332 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:107 Resp: 209198
Ion Ratio Lower Upper
107 100
121 48.0 40.0 60.0
122 80.1 69.1 103.7



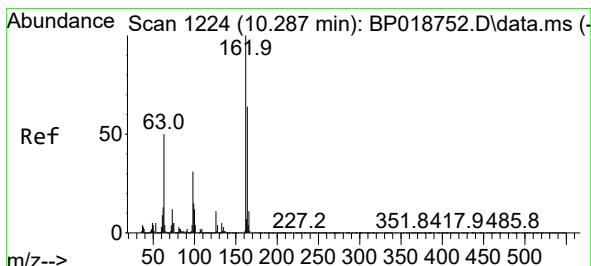
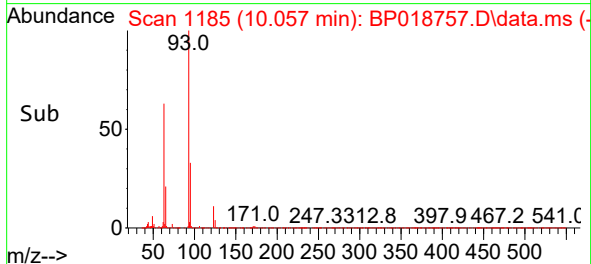
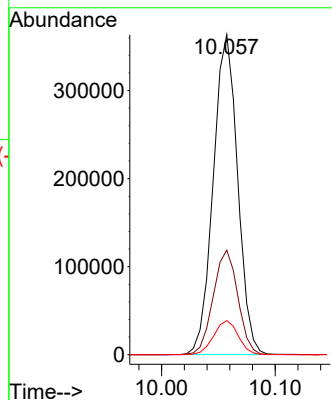
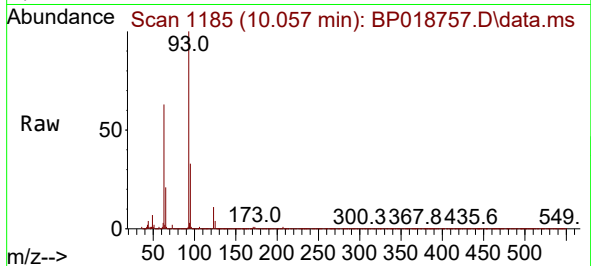


#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.514 ng/ul
 RT: 10.057 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: BP018757.D
 Acq: 12 Dec 2023 08:58

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 541161

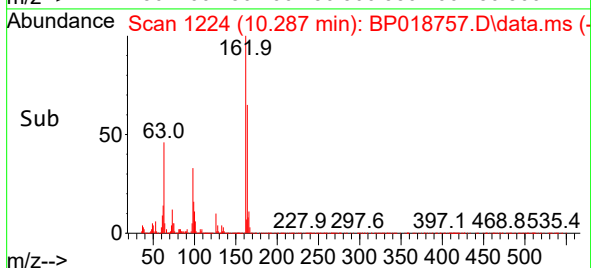
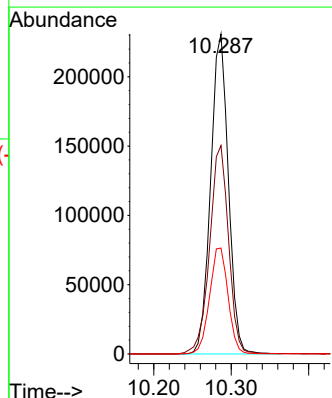
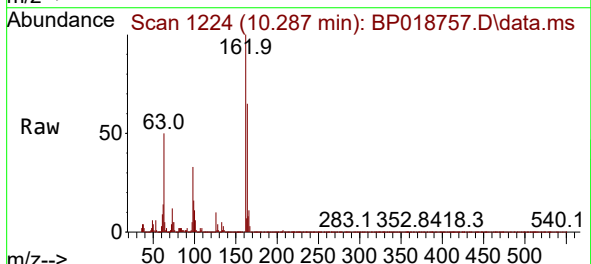
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	10.7	8.9	13.3

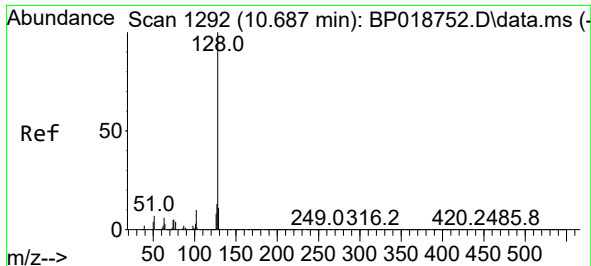


#29
 2,4-Dichlorophenol
 Concen: 28.581 ng/ul
 RT: 10.287 min Scan# 1224
 Delta R.T. 0.006 min
 Lab File: BP018757.D
 Acq: 12 Dec 2023 08:58

Tgt Ion:162 Resp: 366794

Ion	Ratio	Lower	Upper
162	100		
164	65.2	51.7	77.5
98	33.1	29.2	43.8

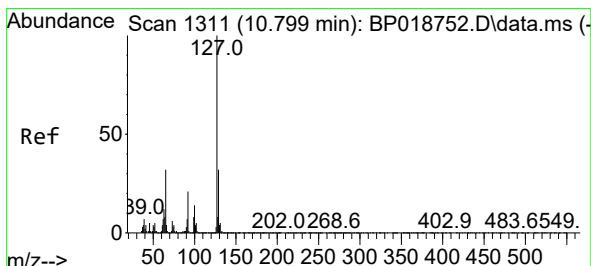
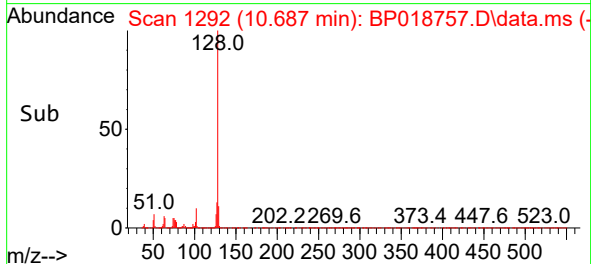
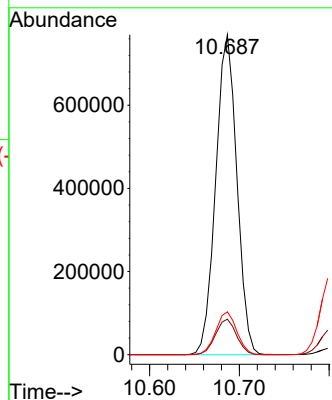
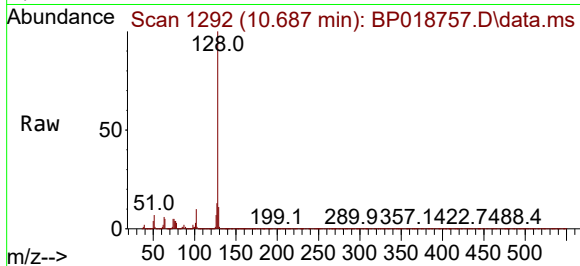




#30
Naphthalene
Concen: 29.383 ng/ul
RT: 10.687 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

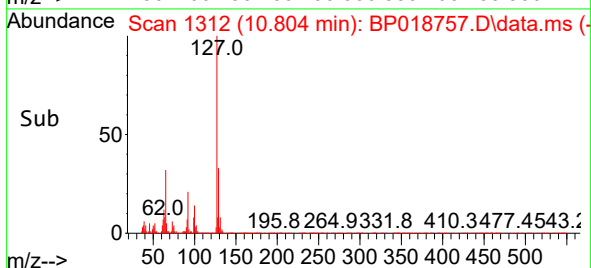
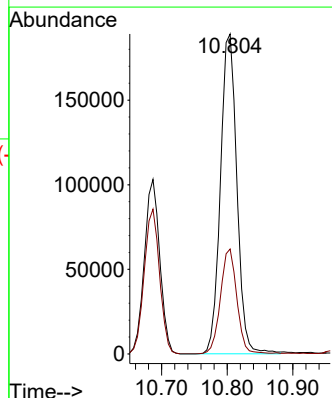
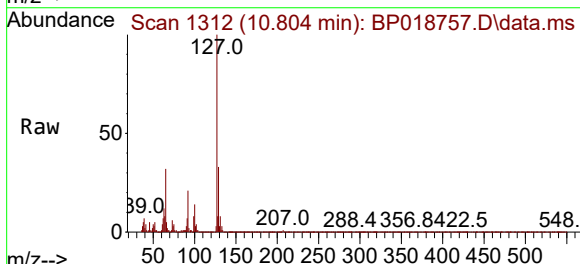
Instrument :
BNA_P
ClientSampleId :

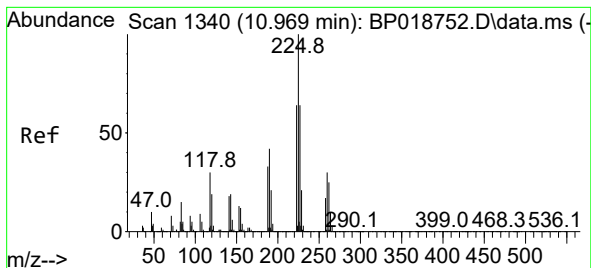
Tgt Ion:128 Resp: 1258644
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 19.775 ng/ul
RT: 10.804 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:127 Resp: 328173
Ion Ratio Lower Upper
127 100
129 32.8 25.6 38.4





#33

Hexachlorobutadiene

Concen: 37.972 ng/ul

RT: 10.969 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

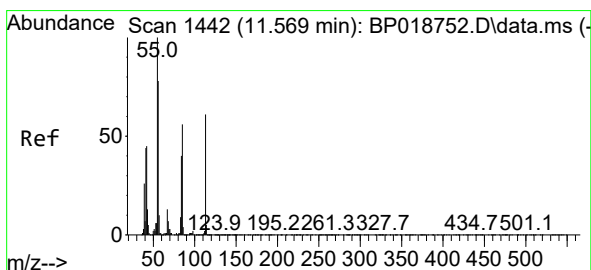
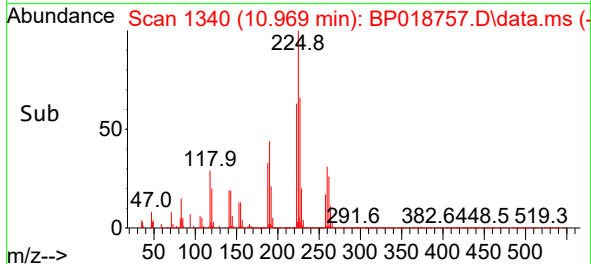
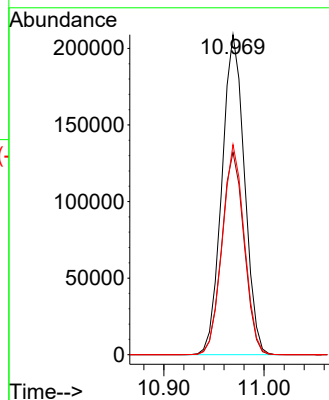
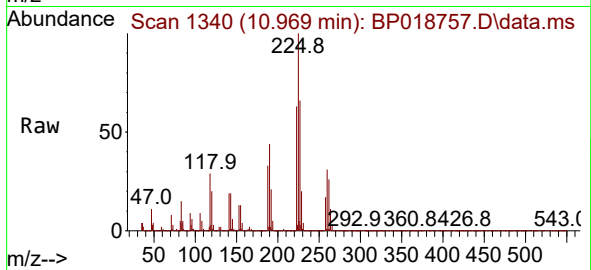
Tgt Ion:225 Resp: 326364

Ion Ratio Lower Upper

225 100

223 63.2 49.5 74.3

227 65.6 50.9 76.3



#34

Caprolactam

Concen: 3.861 ng/ul

RT: 11.587 min Scan# 1445

Delta R.T. 0.012 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

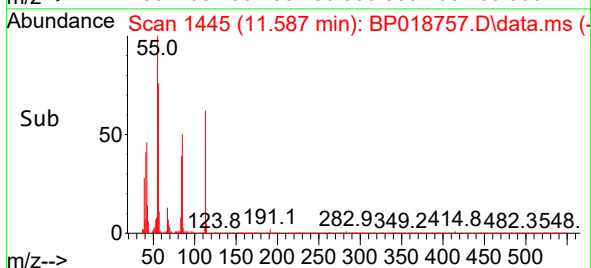
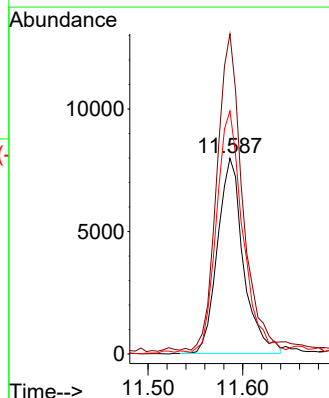
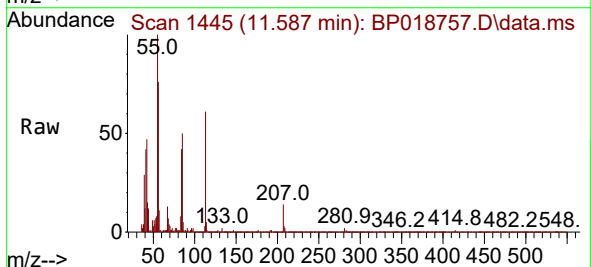
Tgt Ion:113 Resp: 15193

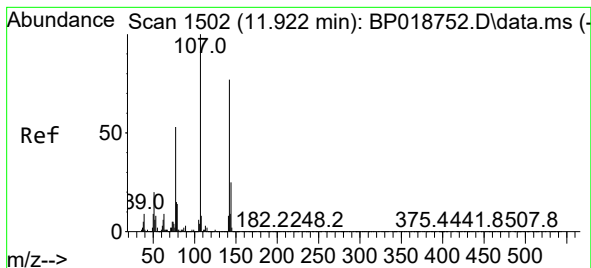
Ion Ratio Lower Upper

113 100

55 163.6 133.7 200.5

56 124.3 97.4 146.2

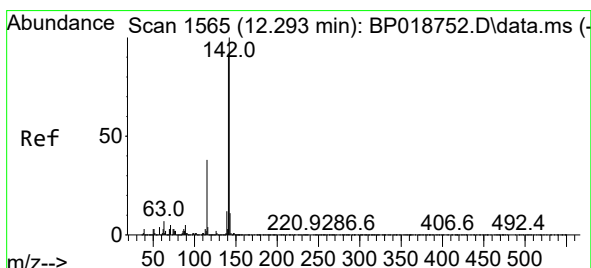
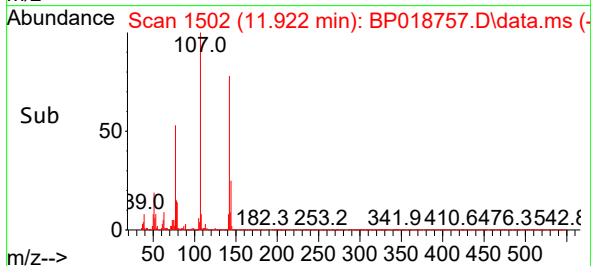
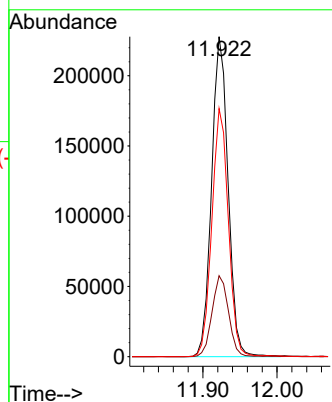
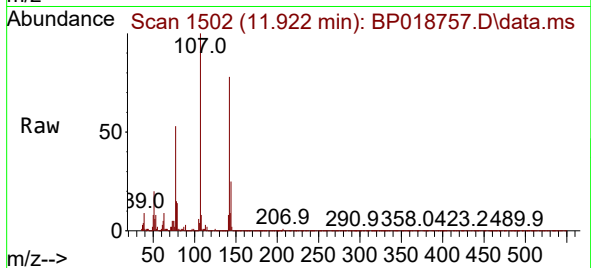




#35
4-Chloro-3-methylphenol
Concen: 24.508 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

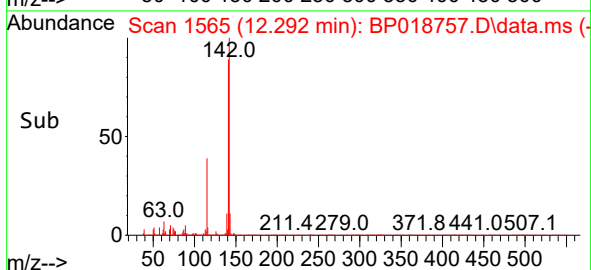
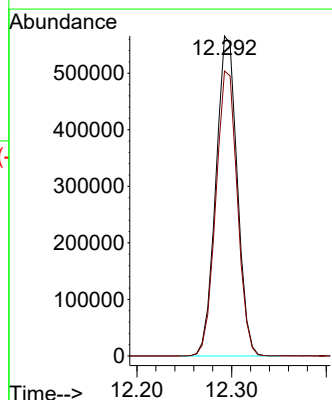
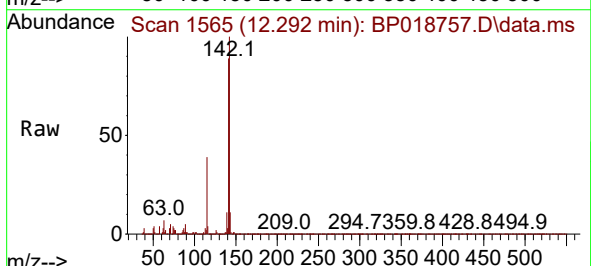
Instrument :
BNA_P
ClientSampleId :

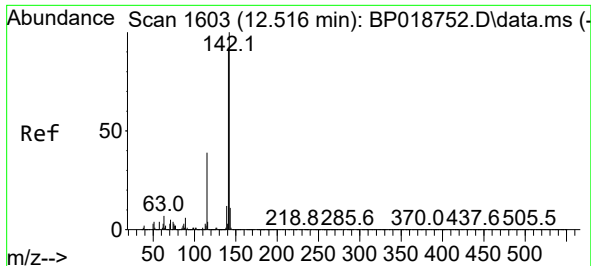
Tgt Ion:107 Resp: 352341
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.6
142 77.6 63.6 95.4



#36
2-Methylnaphthalene
Concen: 29.189 ng/ul
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:142 Resp: 885793
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0

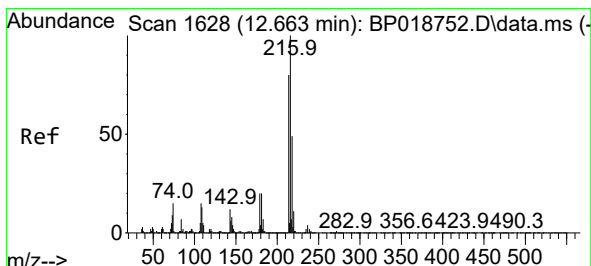
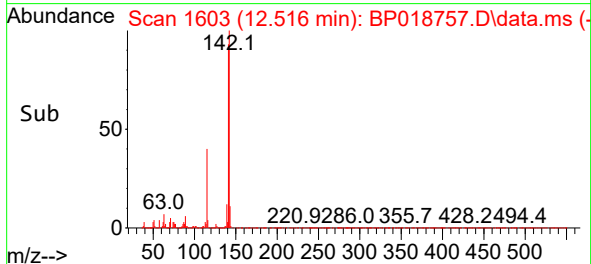
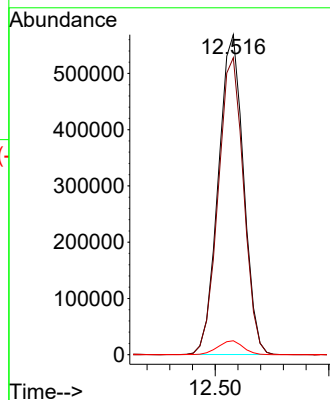
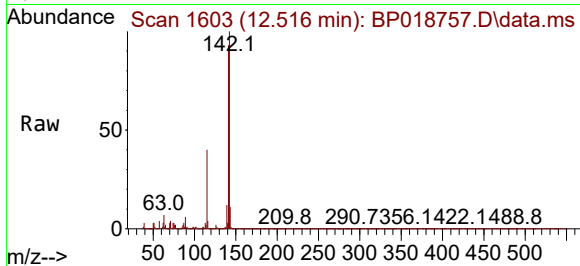




#37
1-Methylnaphthalene
Concen: 28.598 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

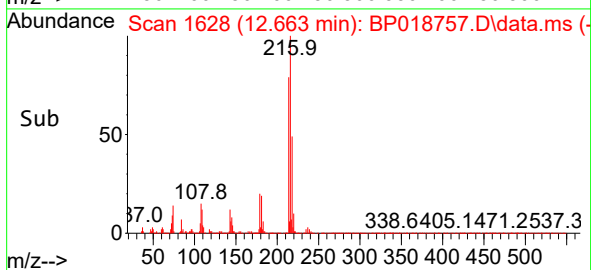
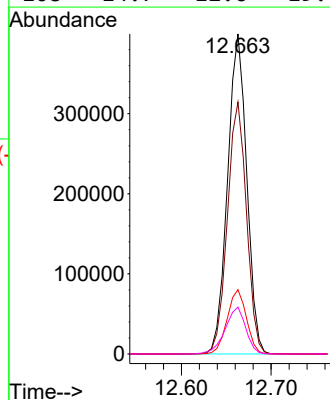
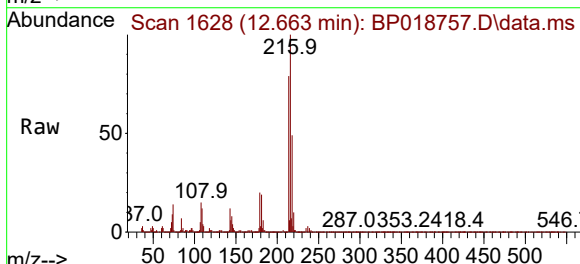
Instrument :
BNA_P
ClientSampleId :

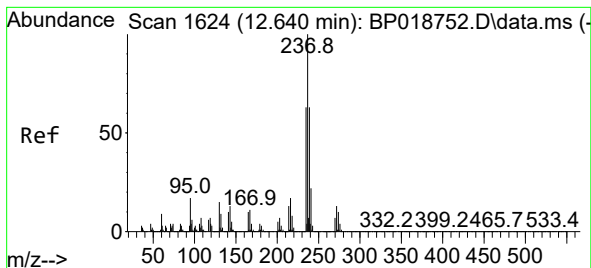
Tgt Ion:142 Resp: 876422
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3
116 4.4 2.8 4.2#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.538 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:216 Resp: 593119
Ion Ratio Lower Upper
216 100
214 78.7 63.9 95.9
179 20.1 16.3 24.5
108 14.7 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 26.200 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

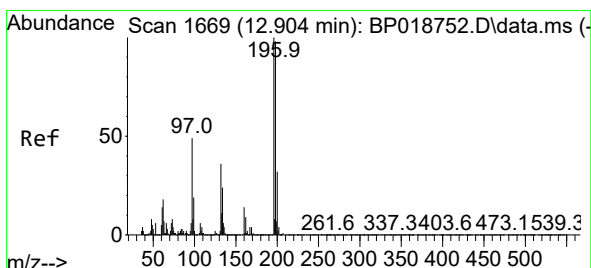
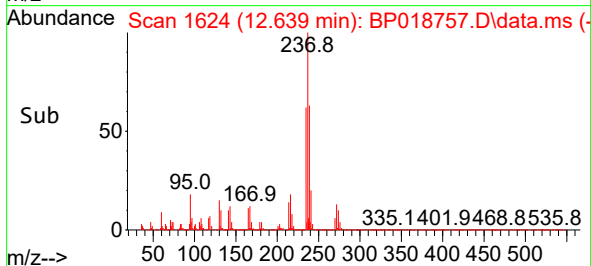
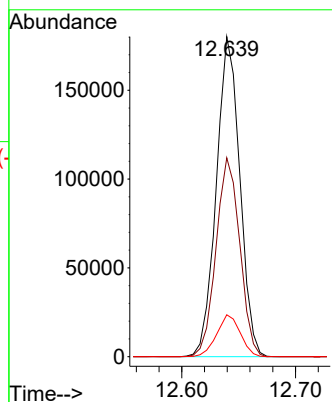
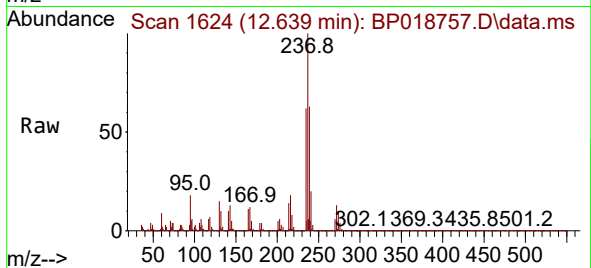
Tgt Ion:237 Resp: 259178

Ion Ratio Lower Upper

237 100

235 62.1 49.4 74.0

272 13.1 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 33.949 ng/ul

RT: 12.904 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

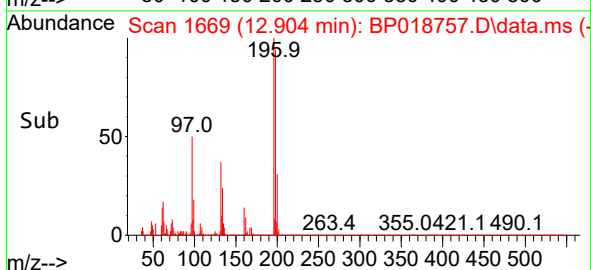
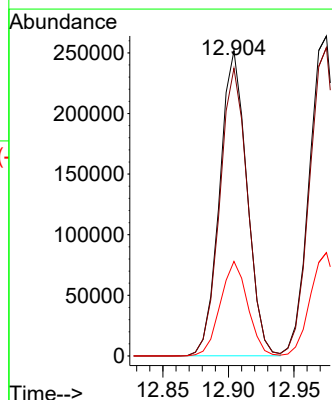
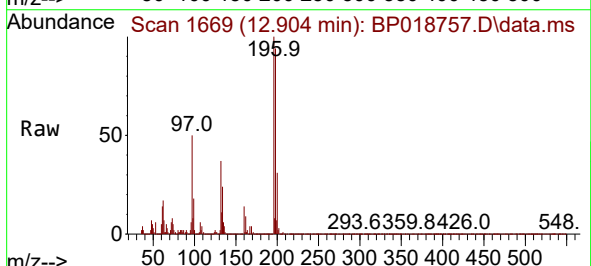
Tgt Ion:196 Resp: 364486

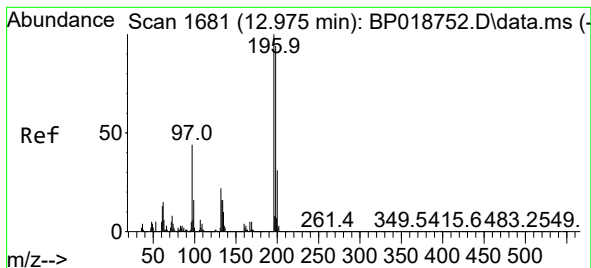
Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

200 31.0 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 34.012 ng/ul

RT: 12.975 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

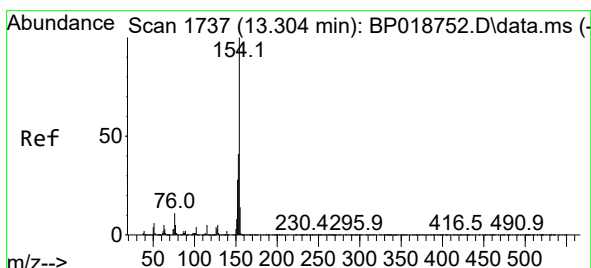
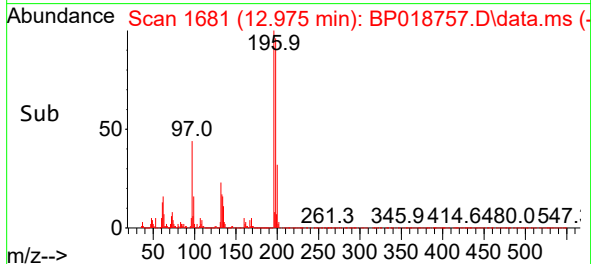
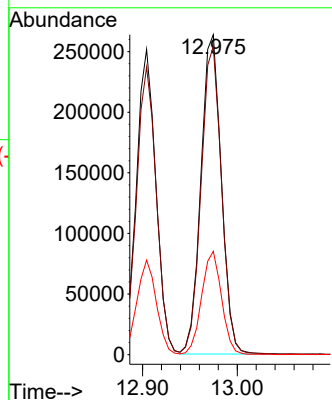
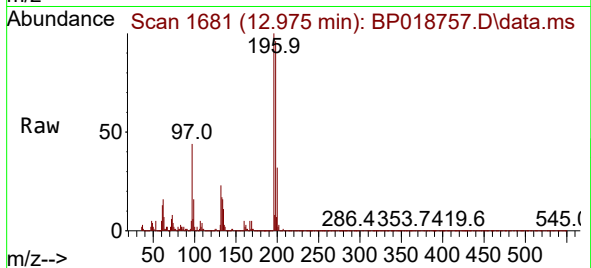
Tgt Ion:196 Resp: 395892

Ion Ratio Lower Upper

196 100

198 96.4 77.9 116.9

200 32.3 25.2 37.8



#43

1,1'-Biphenyl

Concen: 30.814 ng/ul

RT: 13.310 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

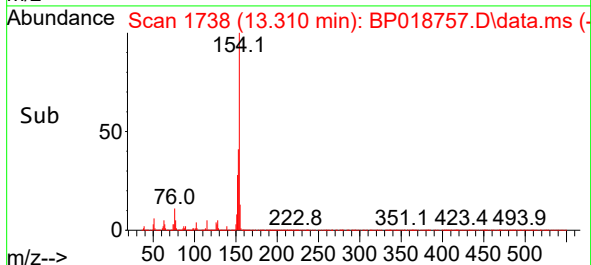
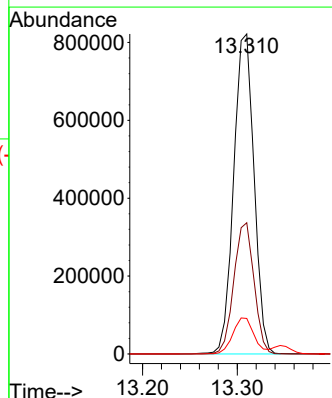
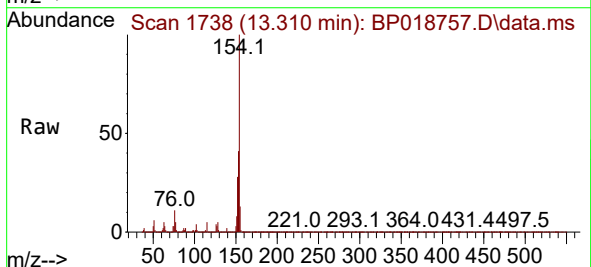
Tgt Ion:154 Resp: 1225905

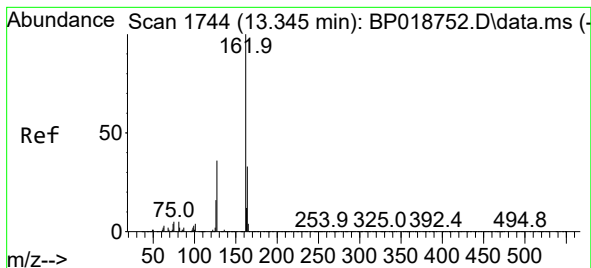
Ion Ratio Lower Upper

154 100

153 41.0 32.8 49.2

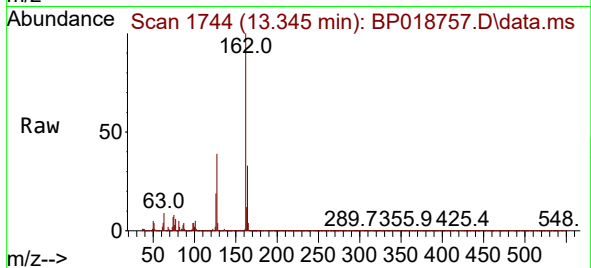
76 11.1 10.7 16.1



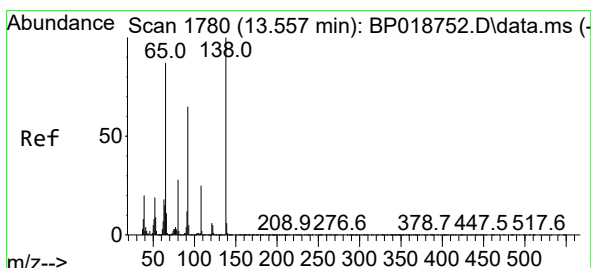
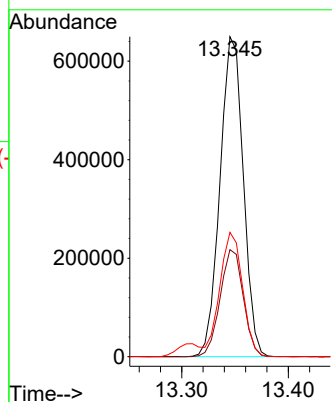
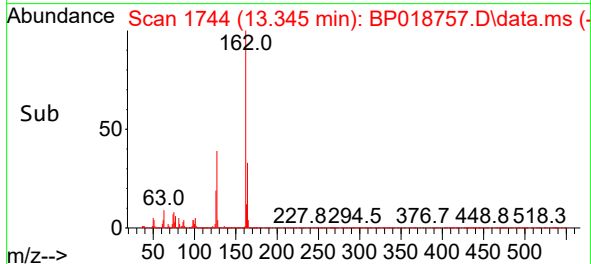


#44
2-Chloronaphthalene
Concen: 31.380 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

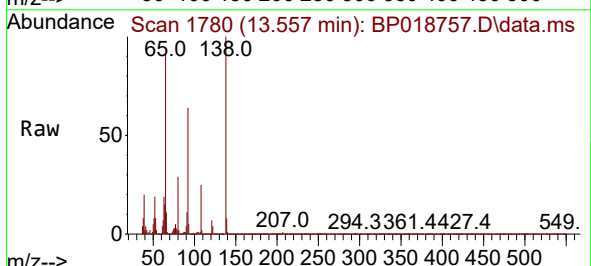
Instrument :
BNA_P
ClientSampleId :



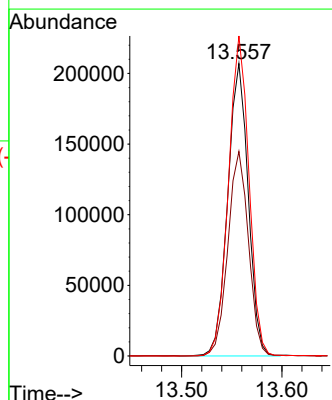
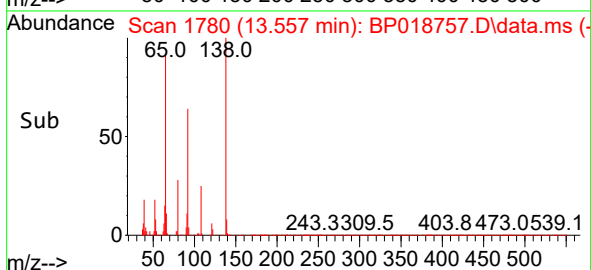
Tgt Ion:162 Resp: 986028
Ion Ratio Lower Upper
162 100
164 33.5 25.7 38.5
127 38.8 30.3 45.5

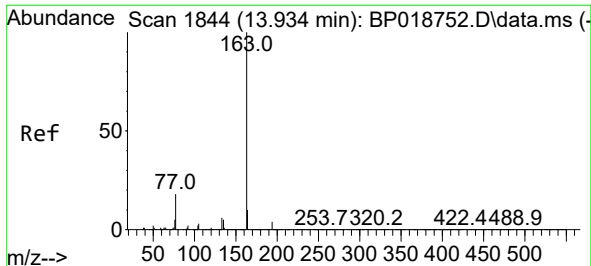


#45
2-Nitroaniline
Concen: 34.512 ng/ul
RT: 13.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58



Tgt Ion: 65 Resp: 293980
Ion Ratio Lower Upper
65 100
92 69.9 56.9 85.3
138 109.4 88.2 132.2

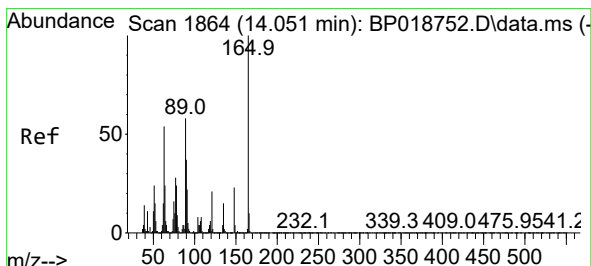
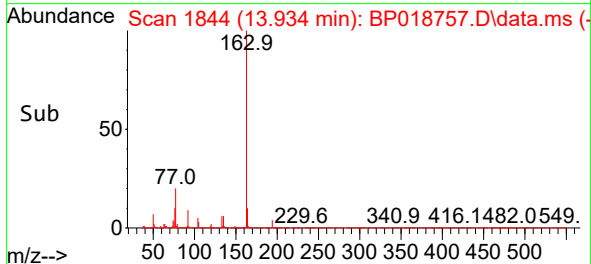
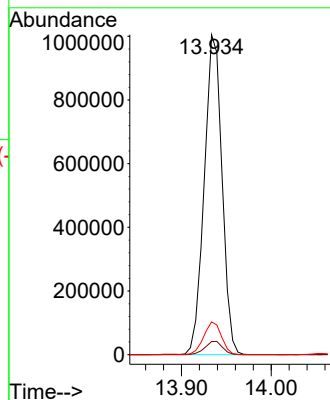
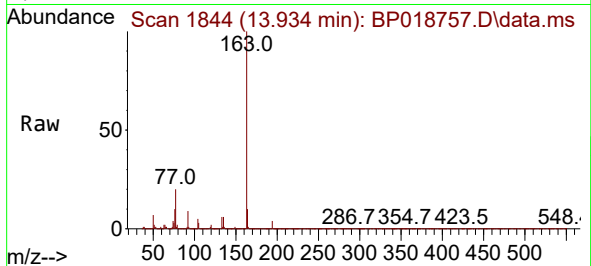




#47
Dimethylphthalate
Concen: 34.188 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

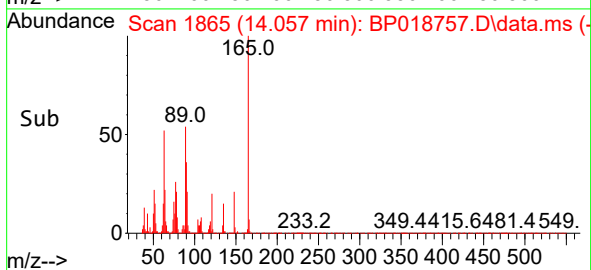
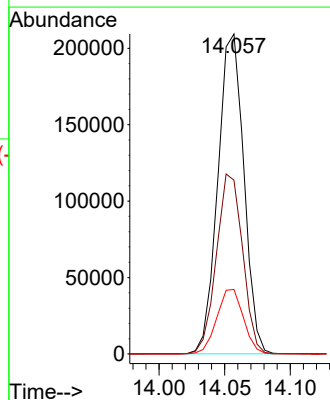
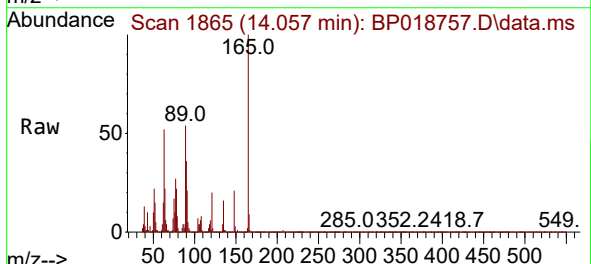
Instrument :
BNA_P
ClientSampleId :

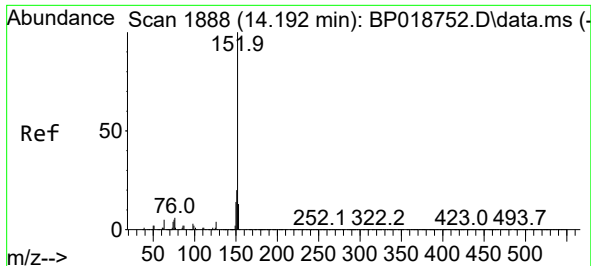
Tgt Ion:163 Resp: 1381650
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 37.776 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:165 Resp: 288433
Ion Ratio Lower Upper
165 100
89 54.3 46.6 70.0
121 20.2 17.3 25.9

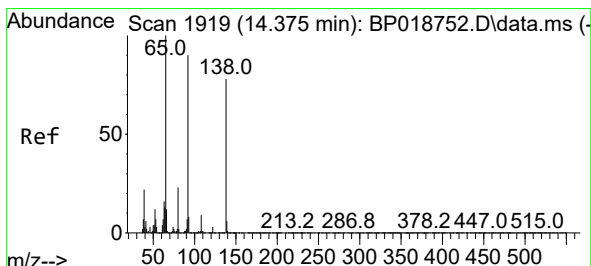
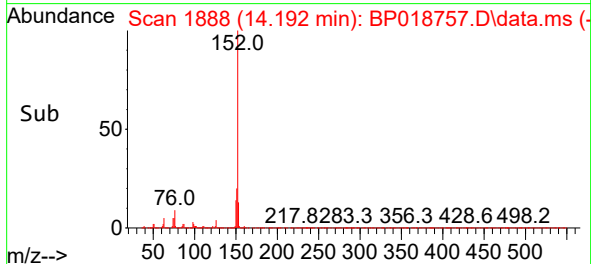
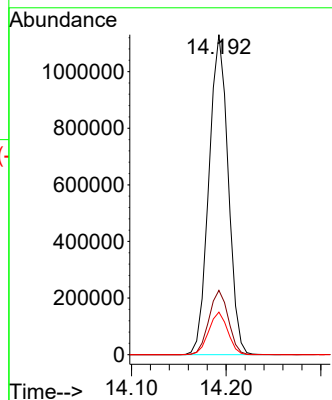
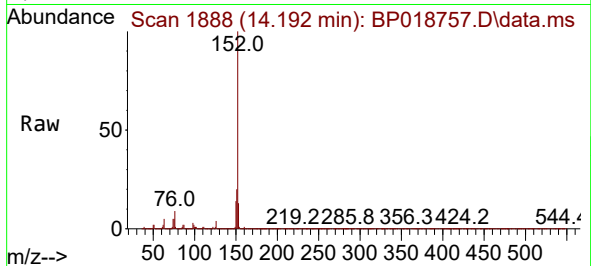




#50
Acenaphthylene
Concen: 31.328 ng/ul
RT: 14.192 min Scan# 1888
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

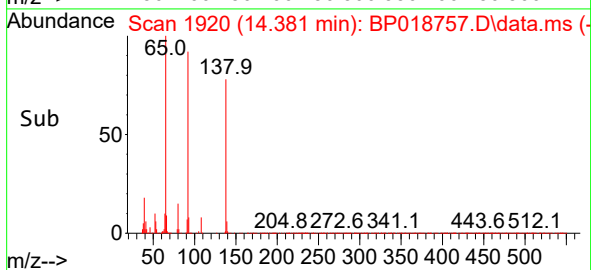
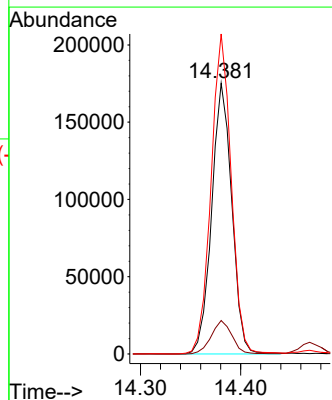
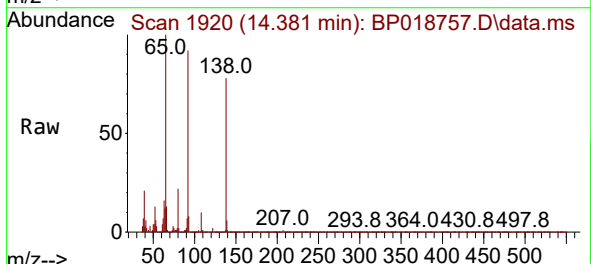
Instrument :
BNA_P
ClientSampleId :

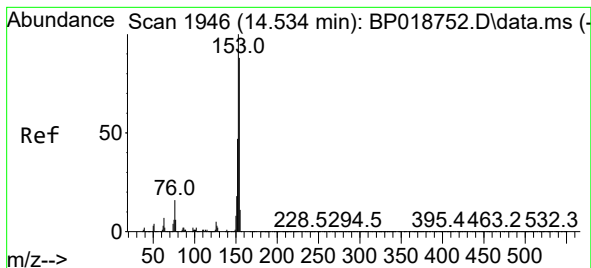
Tgt Ion:152 Resp: 1592353
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 32.041 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:138 Resp: 244217
Ion Ratio Lower Upper
138 100
108 12.3 9.5 14.3
92 118.2 93.1 139.7





#52

Acenaphthene

Concen: 32.075 ng/ul

RT: 14.533 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

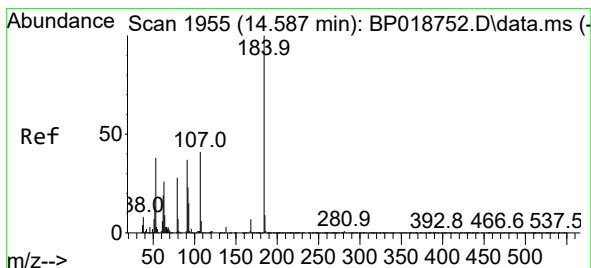
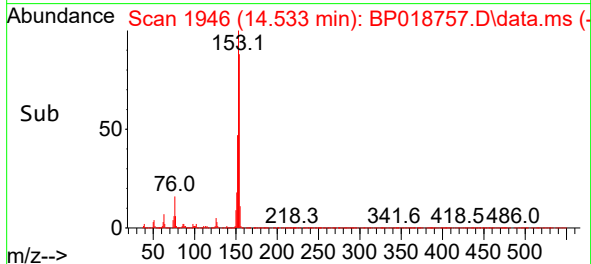
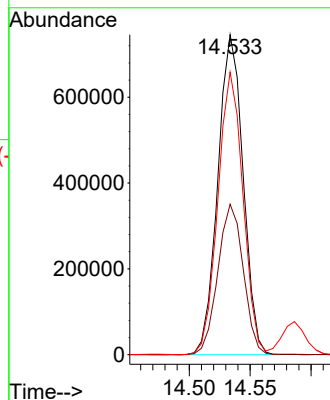
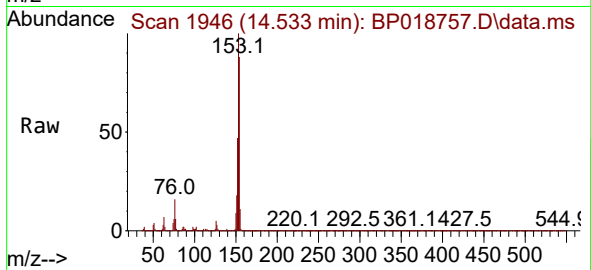
Tgt Ion:153 Resp: 1077941

Ion Ratio Lower Upper

153 100

152 47.0 38.1 57.1

154 88.3 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 39.665 ng/ul

RT: 14.586 min Scan# 1955

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

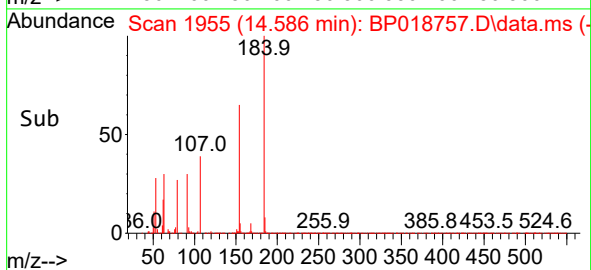
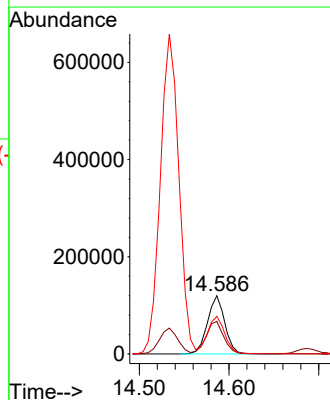
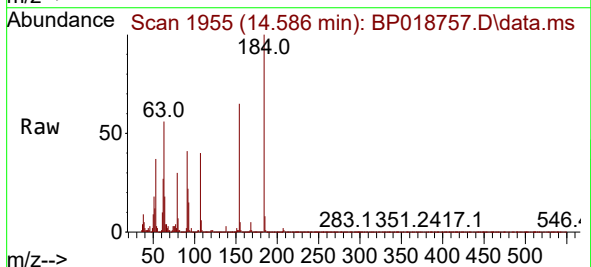
Tgt Ion:184 Resp: 160512

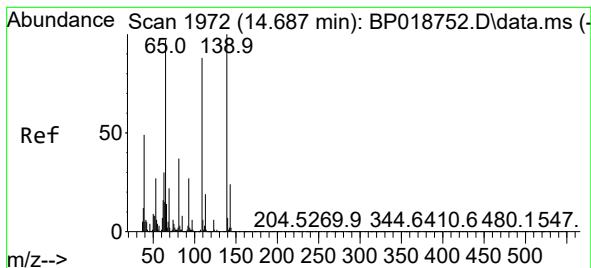
Ion Ratio Lower Upper

184 100

63 55.9 48.2 72.4

154 64.5 49.1 73.7

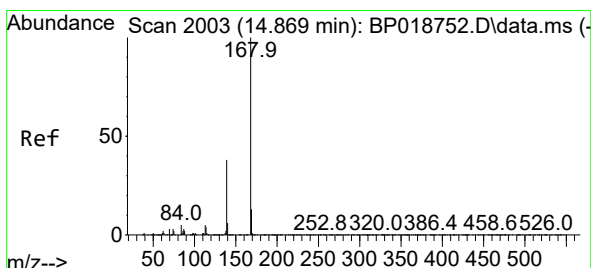
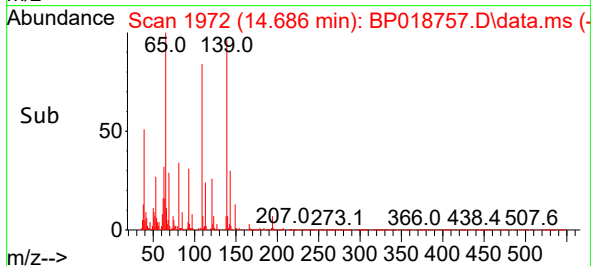
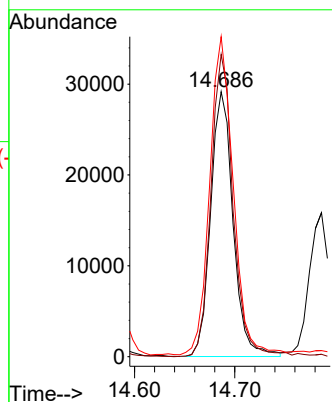
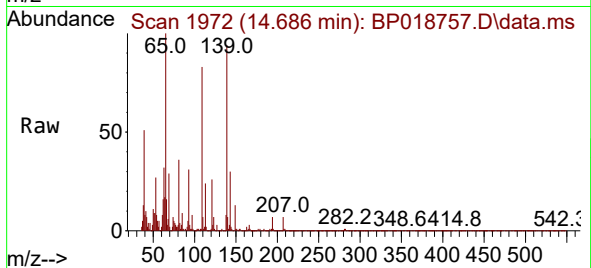




#55
4-Nitrophenol
Concen: 8.918 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

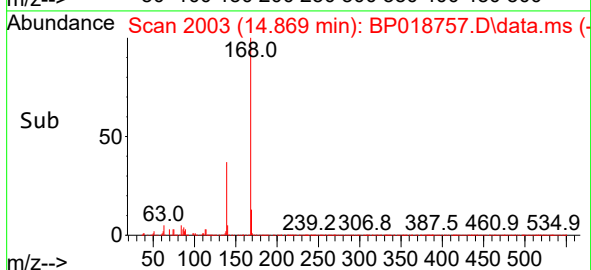
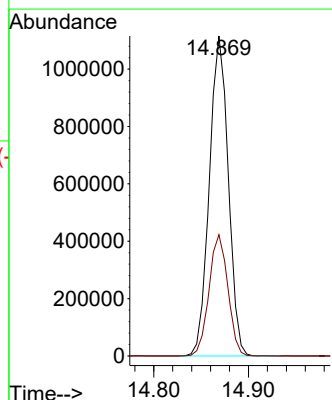
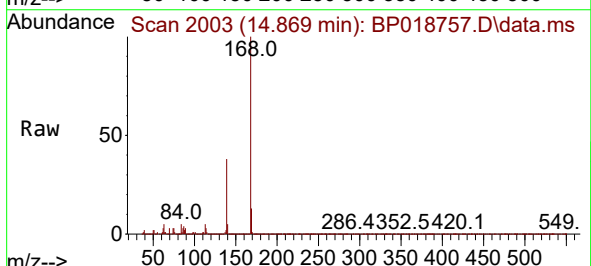
Instrument :
BNA_P
ClientSampleId :

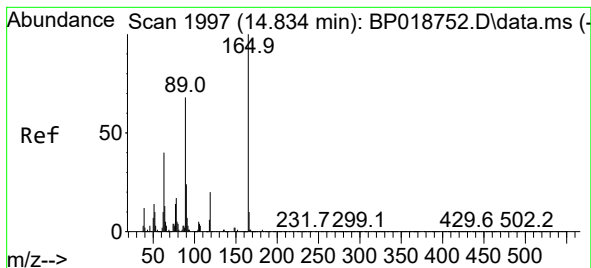
Tgt Ion:109 Resp: 45408
Ion Ratio Lower Upper
109 100
139 114.1 109.0 163.4
65 120.8 106.2 159.4



#56
Dibenzofuran
Concen: 33.062 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:168 Resp: 1544308
Ion Ratio Lower Upper
168 100
139 37.9 29.1 43.7





#57

2,4-Dinitrotoluene

Concen: 40.065 ng/ul

RT: 14.839 min Scan# 1998

Delta R.T. -0.000 min

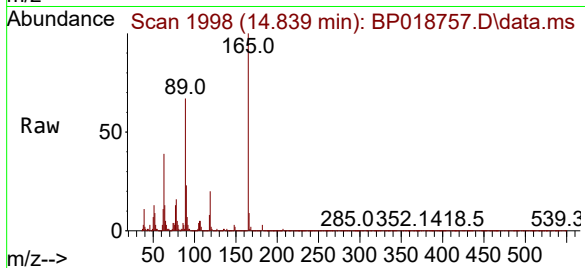
Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :



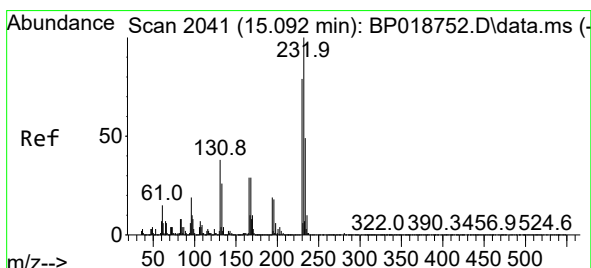
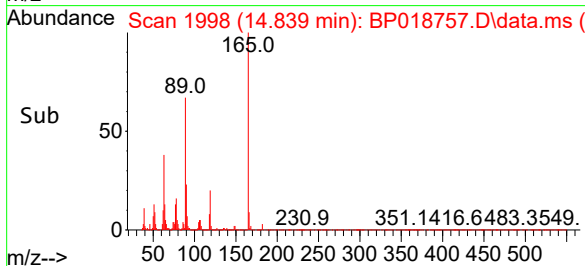
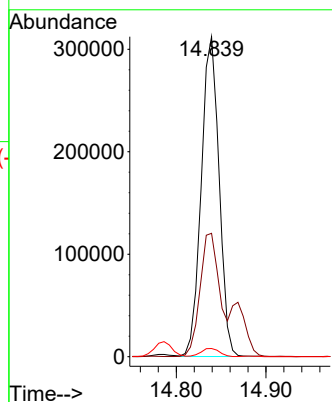
Tgt Ion:165 Resp: 430312

Ion Ratio Lower Upper

165 100

63 38.5 32.7 49.1

182 2.5 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.361 ng/ul

RT: 15.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Tgt Ion:232 Resp: 384299

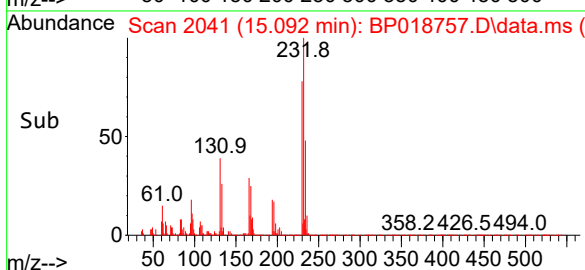
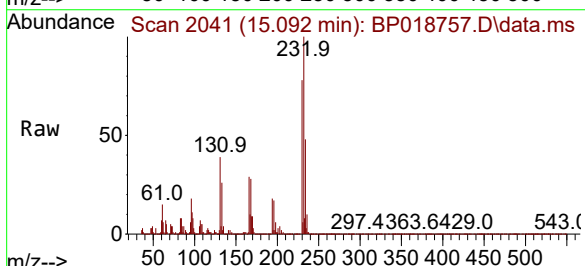
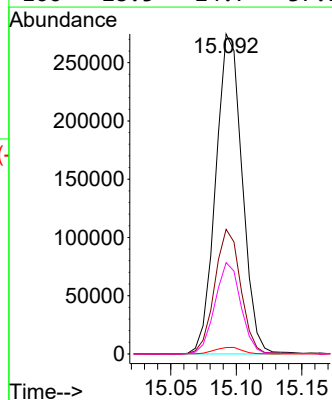
Ion Ratio Lower Upper

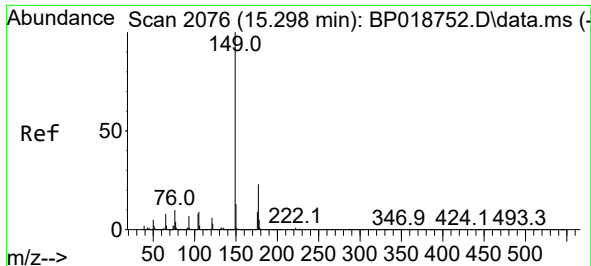
232 100

131 39.0 33.8 50.8

130 2.0 1.8 2.8

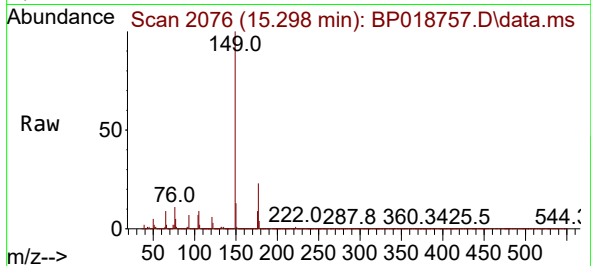
166 28.5 24.7 37.1



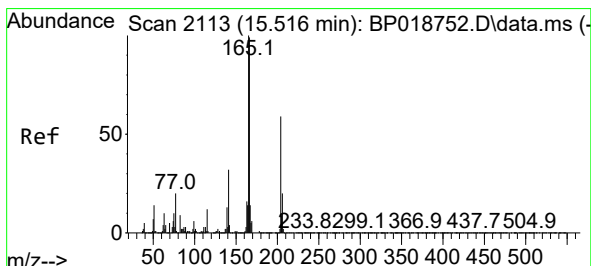
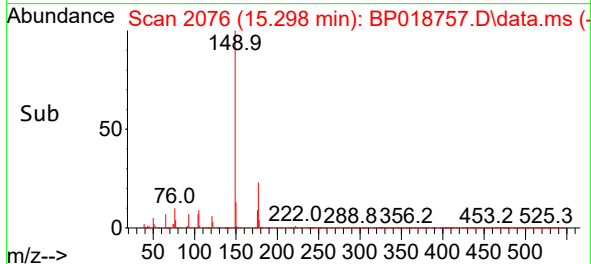
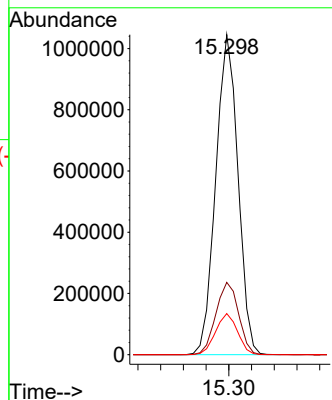


#59
Diethylphthalate
Concen: 35.878 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Instrument :
BNA_P
ClientSampleId :

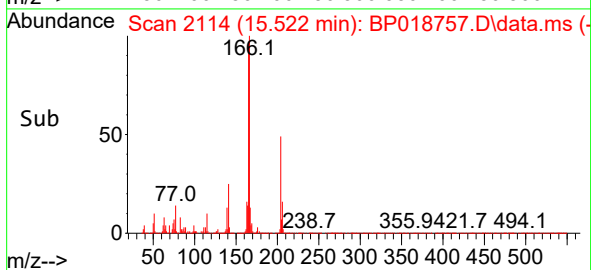
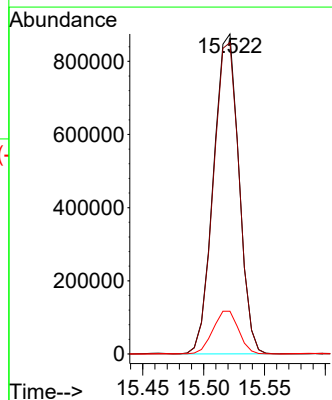
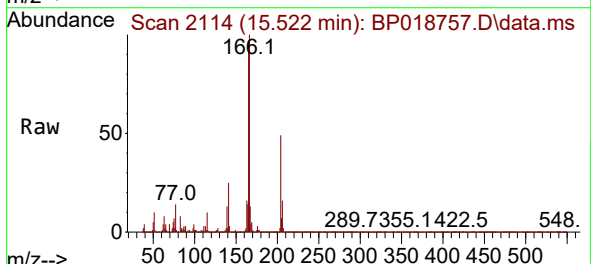


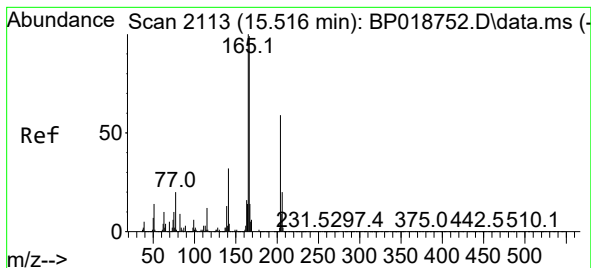
Tgt Ion:149 Resp: 1418869
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 12.8 9.9 14.9



#61
Fluorene
Concen: 34.399 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:166 Resp: 1271371
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.4 10.8 16.2

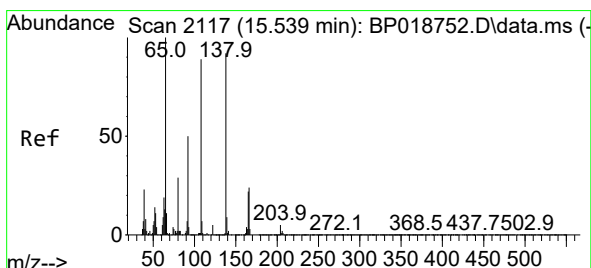
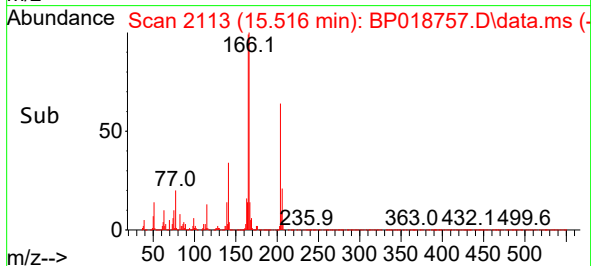
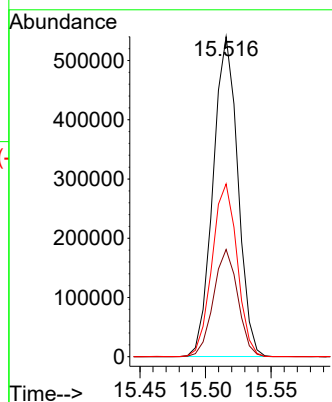
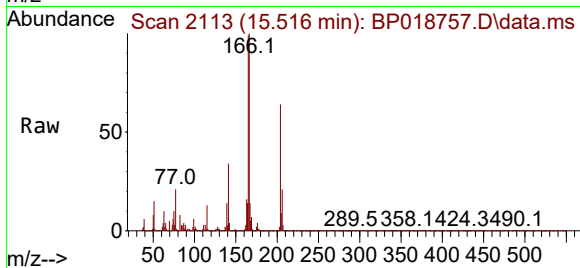




#62
4-Chlorophenyl-phenylether
Concen: 36.616 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

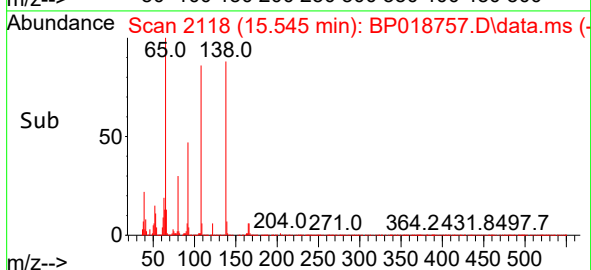
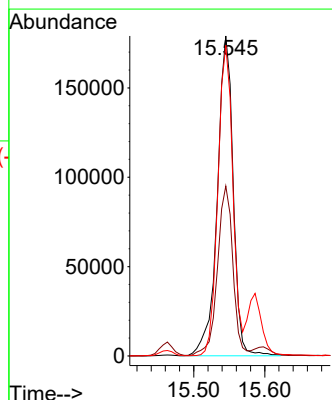
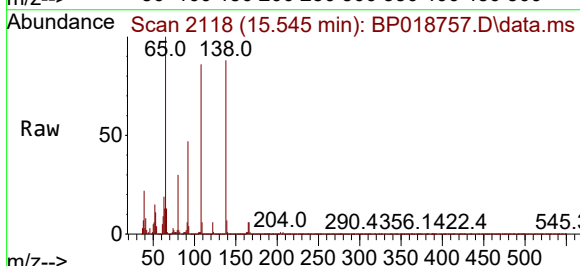
Instrument :
BNA_P
ClientSampleId :

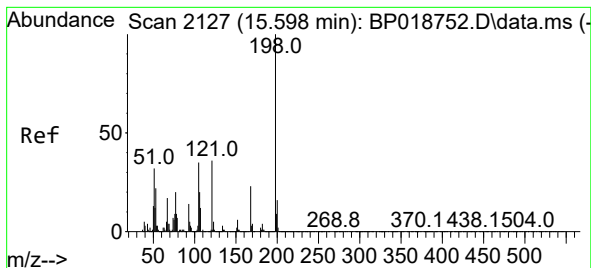
Tgt Ion:204 Resp: 709760
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 54.0 45.8 68.8



#63
4-Nitroaniline
Concen: 38.279 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:138 Resp: 277951
Ion Ratio Lower Upper
138 100
92 53.1 42.3 63.5
108 97.1 62.0 93.0#

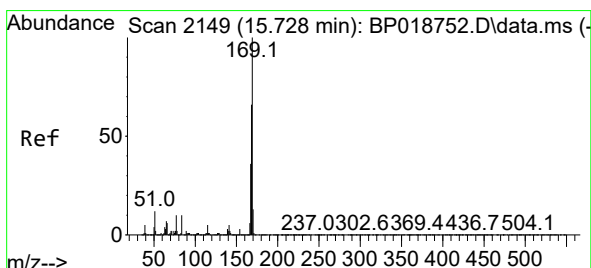
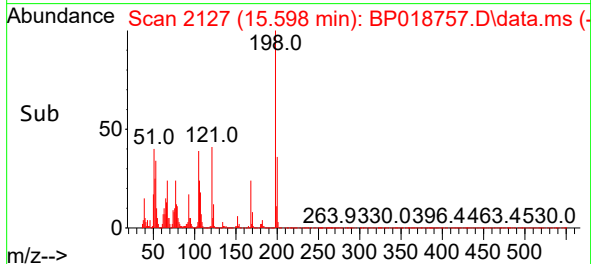
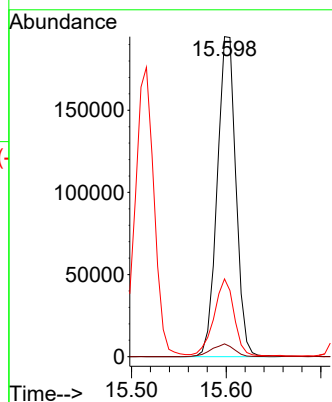
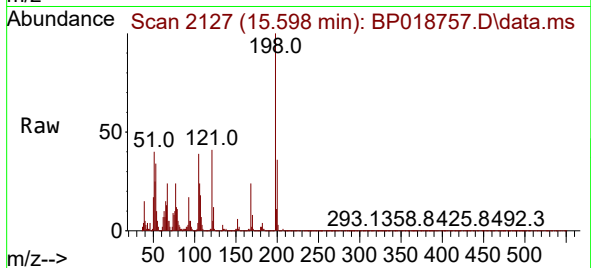




#66
4,6-Dinitro-2-methylphenol
Concen: 38.903 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

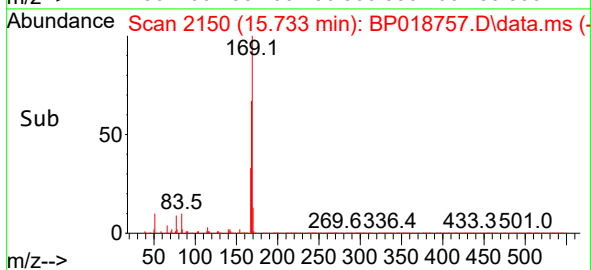
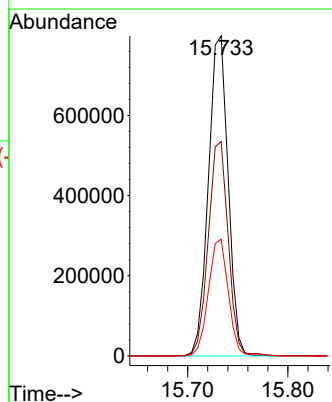
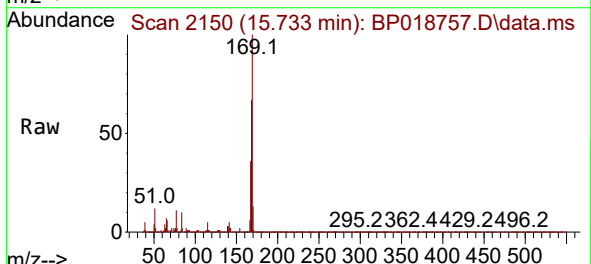
Instrument :
BNA_P
ClientSampleId :

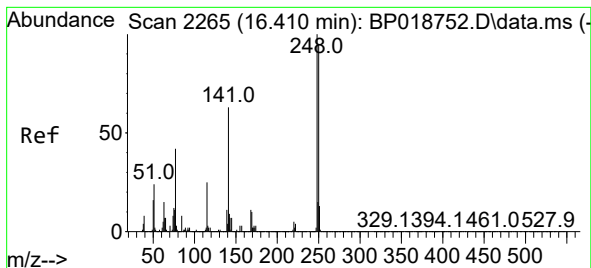
Tgt Ion:198 Resp: 267464
Ion Ratio Lower Upper
198 100
182 4.0 3.4 5.2
77 24.3 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 30.786 ng/ul
RT: 15.733 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:169 Resp: 1094072
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 36.5 29.1 43.7

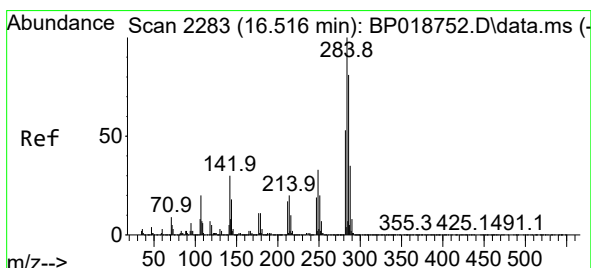
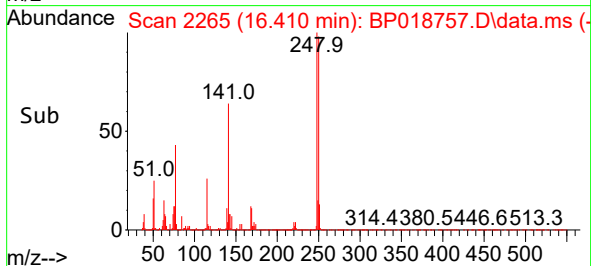
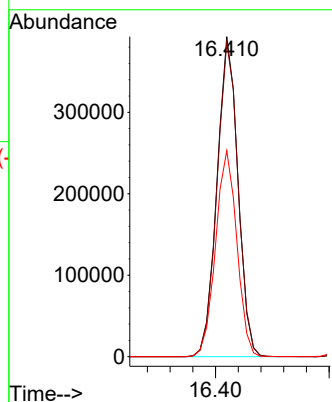
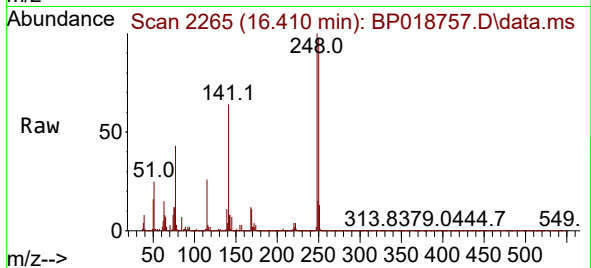




#68
4-Bromophenyl-phenylether
Concen: 37.177 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

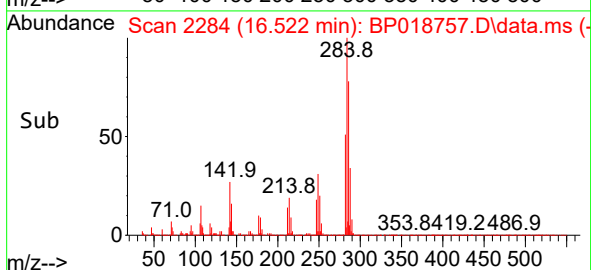
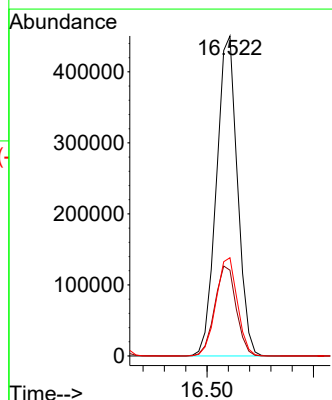
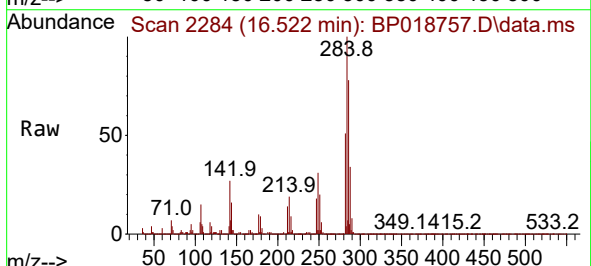
Instrument :
BNA_P
ClientSampleId :

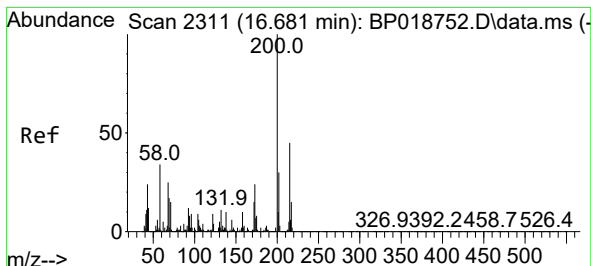
Tgt Ion:248 Resp: 503362
Ion Ratio Lower Upper
248 100
250 98.2 79.3 118.9
141 64.4 57.2 85.8



#69
Hexachlorobenzene
Concen: 40.735 ng/ul
RT: 16.522 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:284 Resp: 615774
Ion Ratio Lower Upper
284 100
142 26.8 25.8 38.6
249 30.7 24.9 37.3





#70

Atrazine

Concen: 22.794 ng/ul

RT: 16.686 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

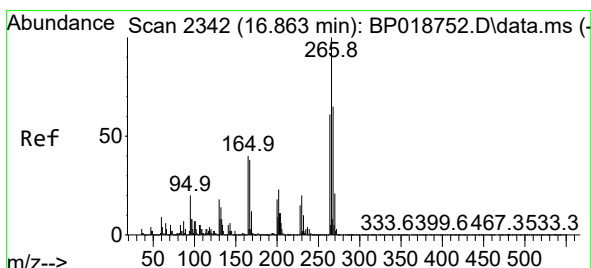
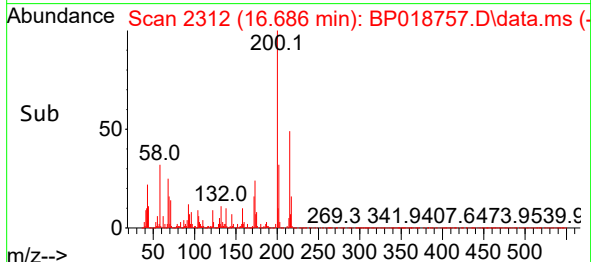
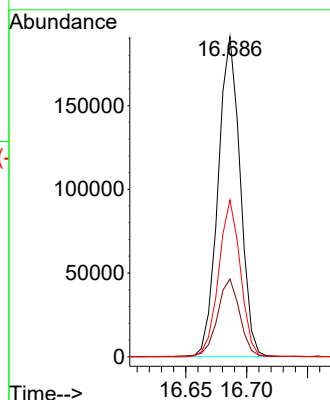
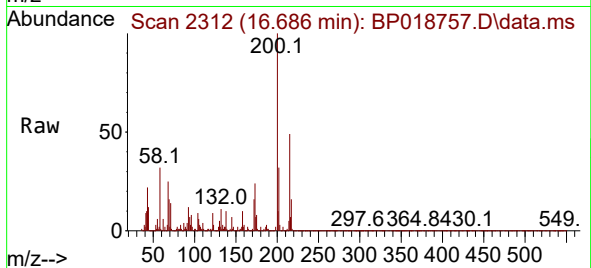
Tgt Ion:200 Resp: 240829

Ion Ratio Lower Upper

200 100

173 24.3 21.0 31.4

215 49.0 38.2 57.2



#71

Pentachlorophenol

Concen: 41.359 ng/ul

RT: 16.869 min Scan# 2343

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

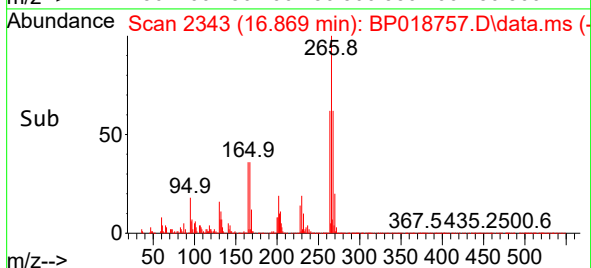
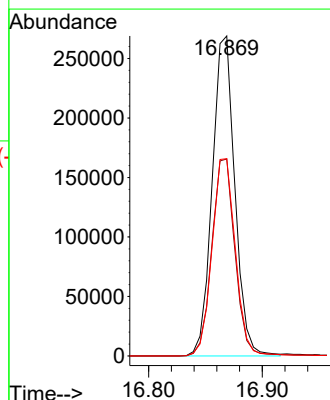
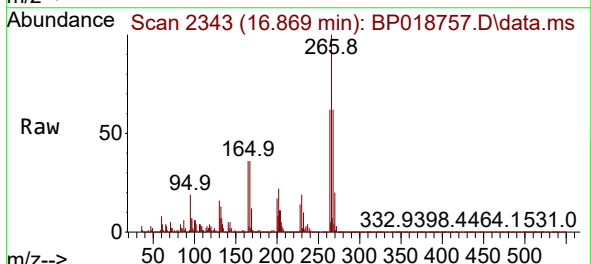
Tgt Ion:266 Resp: 371838

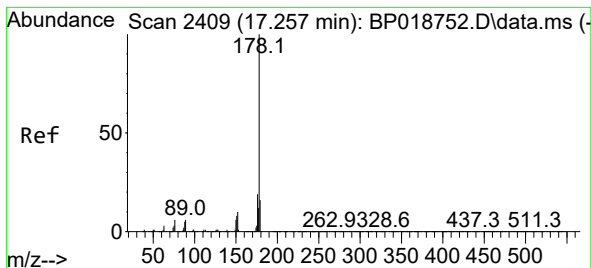
Ion Ratio Lower Upper

266 100

264 61.6 50.2 75.2

268 61.7 50.5 75.7





#72

Phenanthrene

Concen: 34.452 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

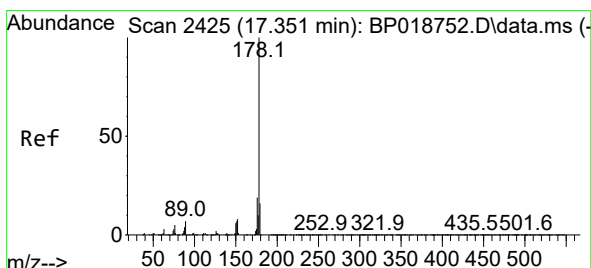
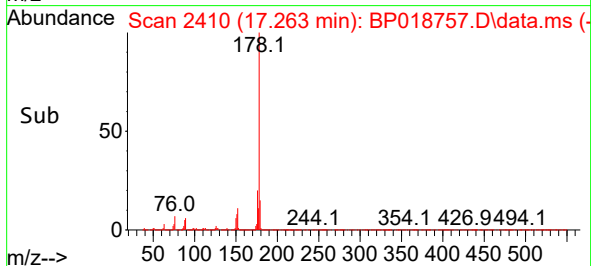
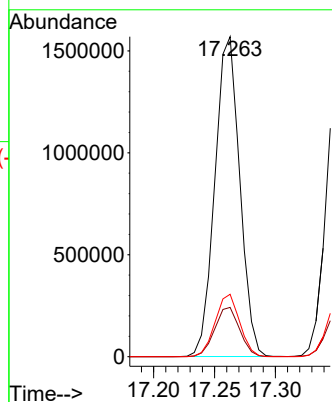
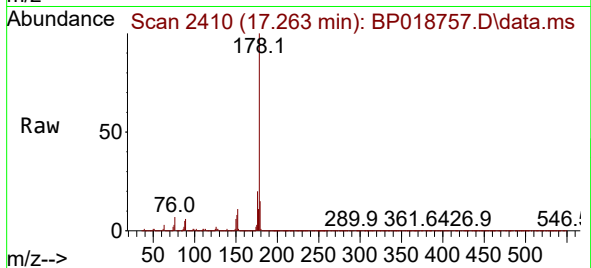
Tgt Ion:178 Resp: 2231508

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.5 15.4 23.2



#74

Anthracene

Concen: 33.509 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

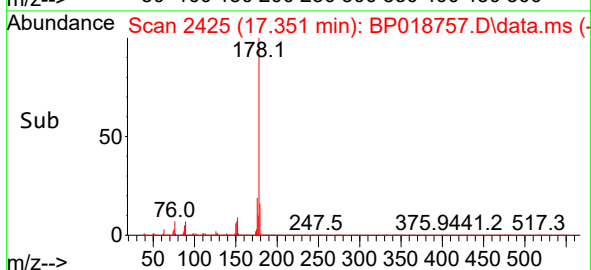
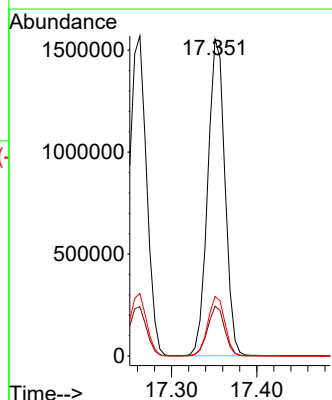
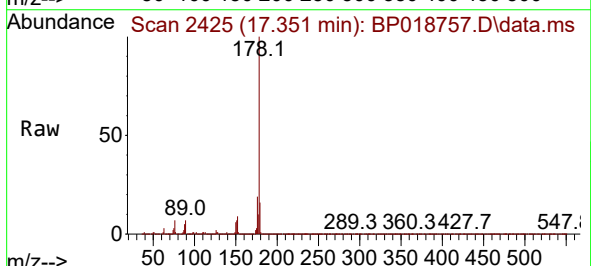
Tgt Ion:178 Resp: 2175612

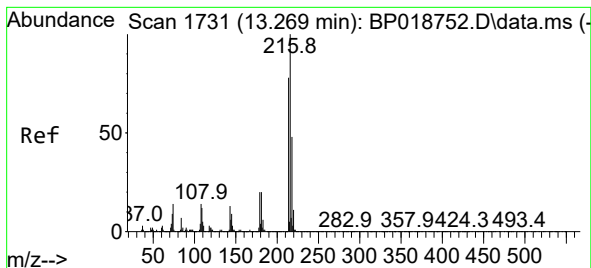
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.8 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.492 ng/uL

RT: 13.269 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

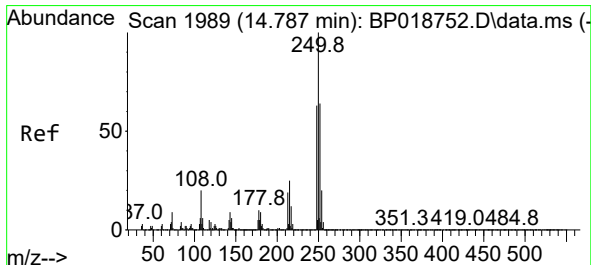
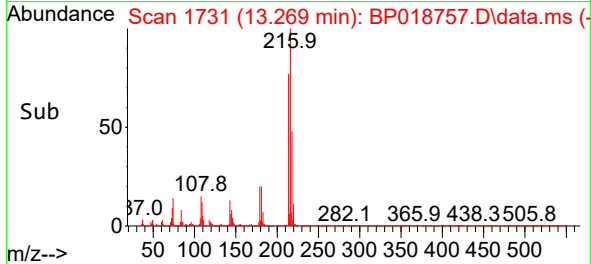
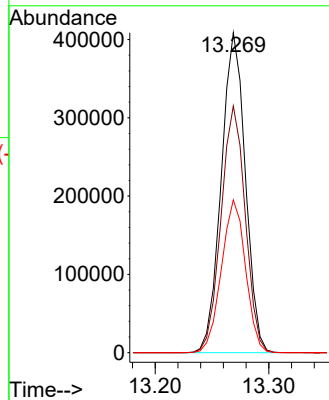
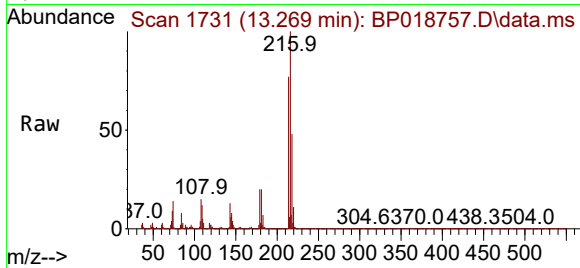
Tgt Ion:216 Resp: 602535

Ion Ratio Lower Upper

216 100

214 77.1 61.4 92.2

218 47.8 39.2 58.8



#76

Pentachlorobenzene

Concen: 35.757 ng/uL

RT: 14.786 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

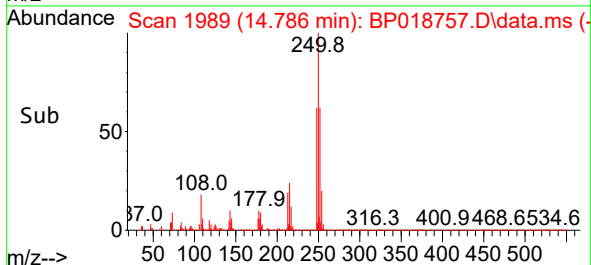
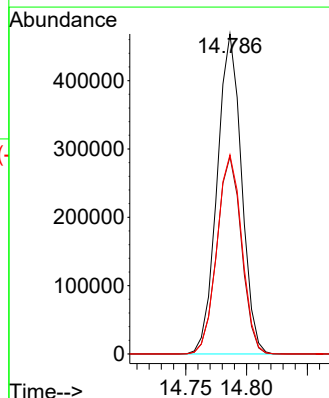
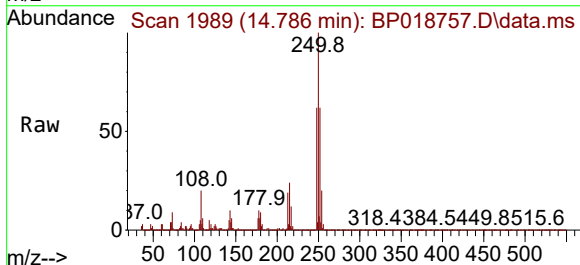
Tgt Ion:250 Resp: 651333

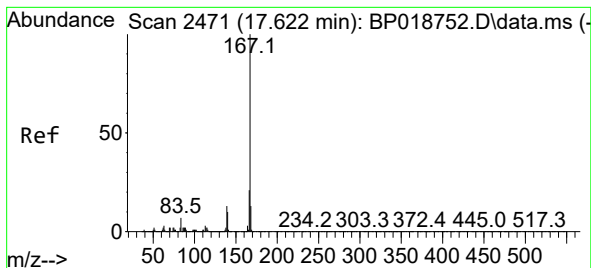
Ion Ratio Lower Upper

250 100

248 61.6 50.6 75.8

252 62.3 51.3 76.9





#77

Carbazole

Concen: 39.007 ng/ul

RT: 17.627 min Scan# 2471

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

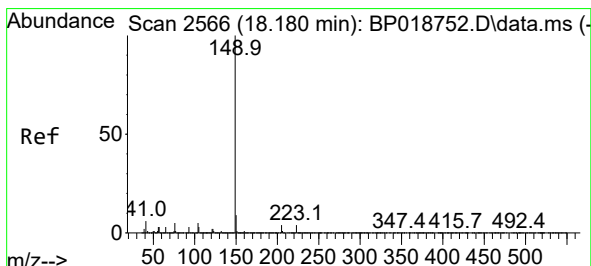
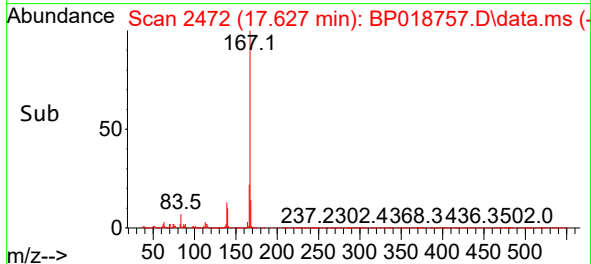
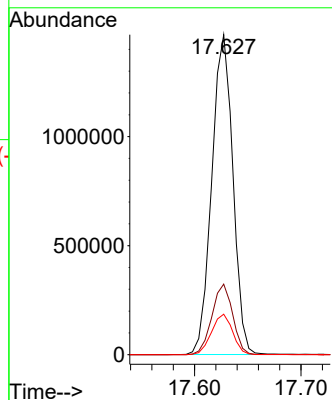
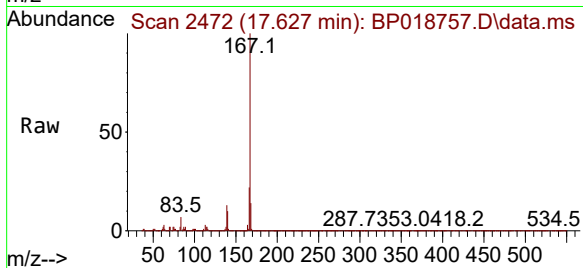
Tgt Ion:167 Resp: 2018405

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 36.959 ng/ul

RT: 18.180 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

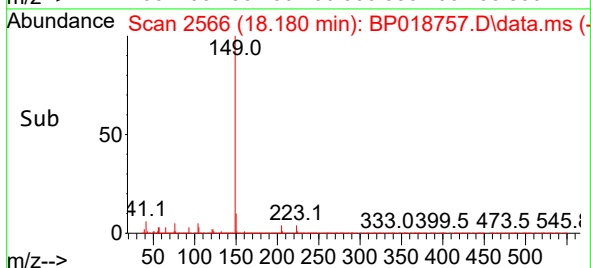
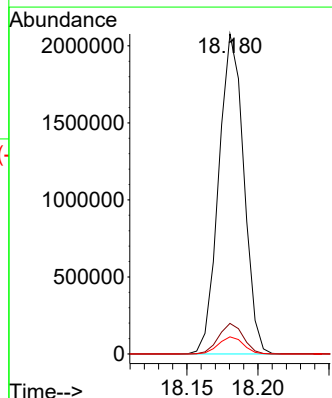
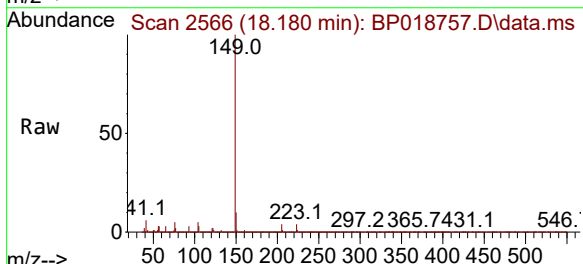
Tgt Ion:149 Resp: 2546520

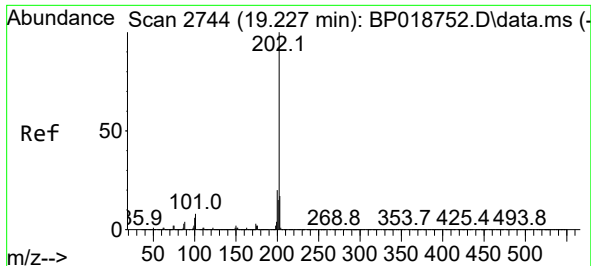
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.4 3.9 5.9

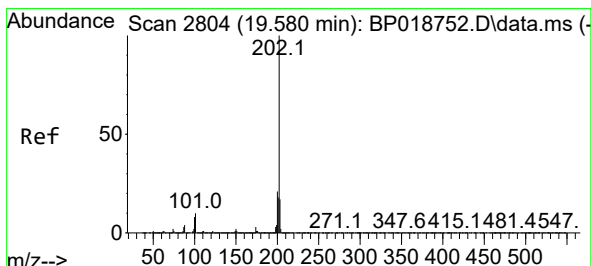
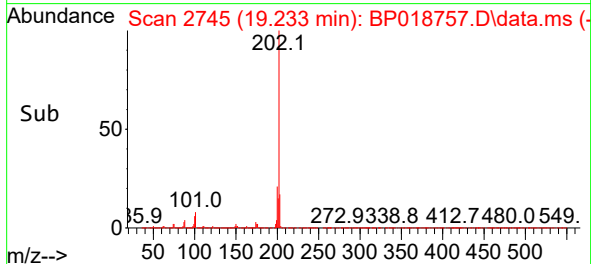
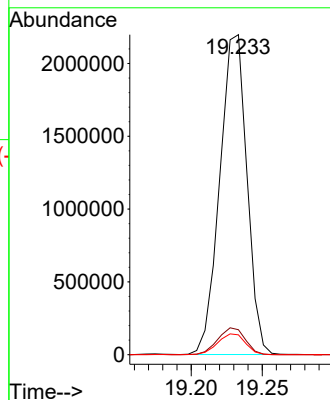
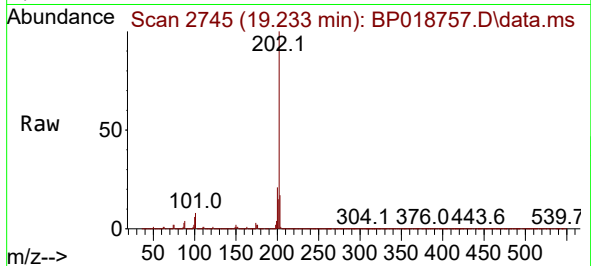




#80
Fluoranthene
Concen: 27.211 ng/ul
RT: 19.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

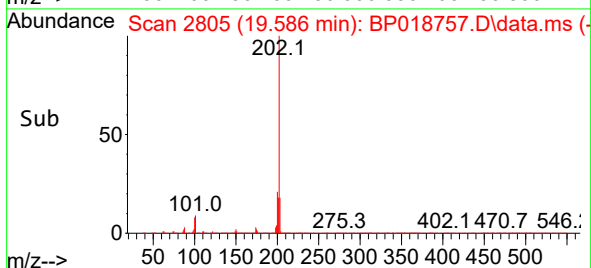
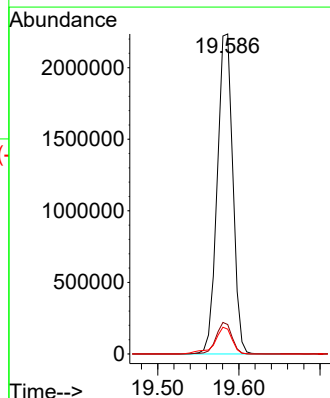
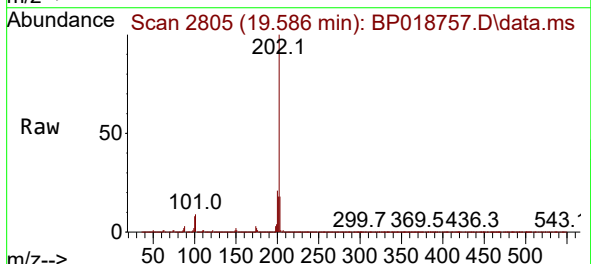
Instrument :
BNA_P
ClientSampleId :

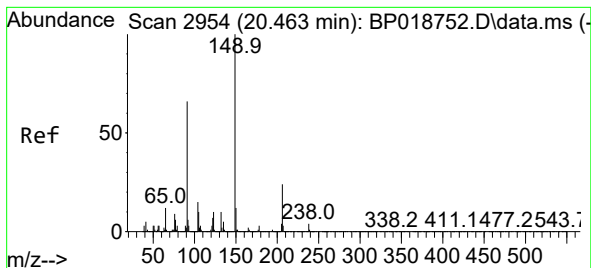
Tgt Ion:202 Resp: 2925155
Ion Ratio Lower Upper
202 100
101 7.8 9.1 13.7#
100 6.2 7.1 10.7#



#82
Pyrene
Concen: 27.504 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:202 Resp: 2982711
Ion Ratio Lower Upper
202 100
101 9.2 11.0 16.4#
100 7.8 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 30.904 ng/ul

RT: 20.463 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

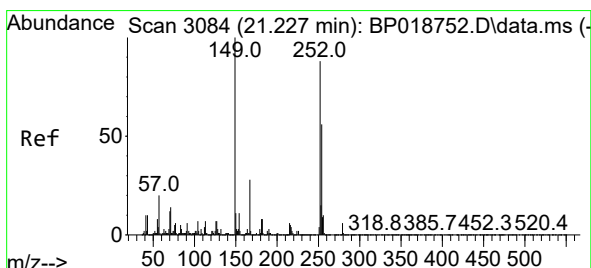
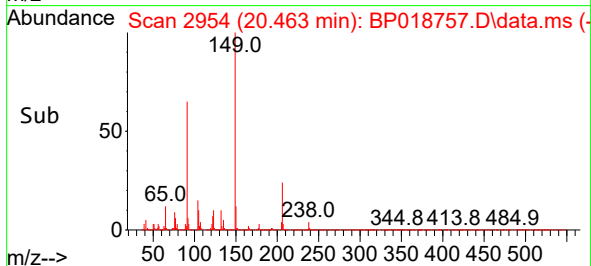
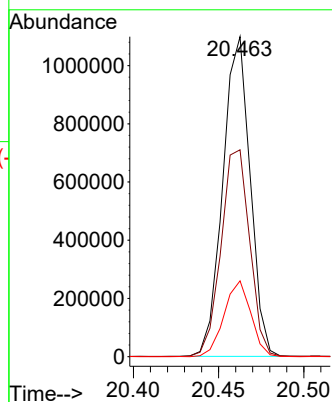
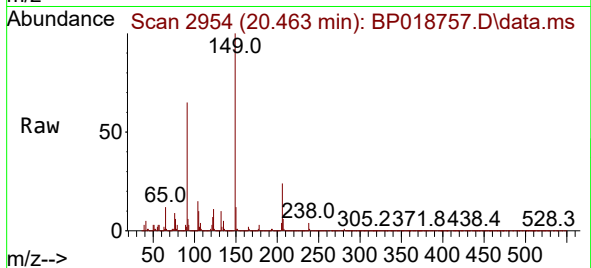
Tgt Ion:149 Resp: 1226939

Ion Ratio Lower Upper

149 100

91 64.7 56.6 85.0

206 23.7 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 25.393 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

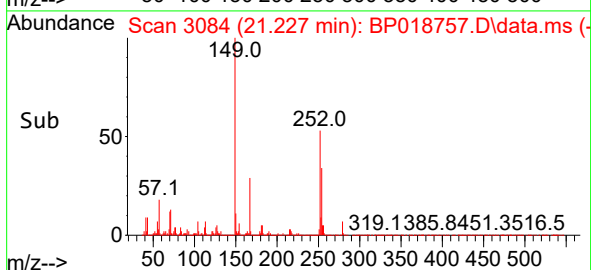
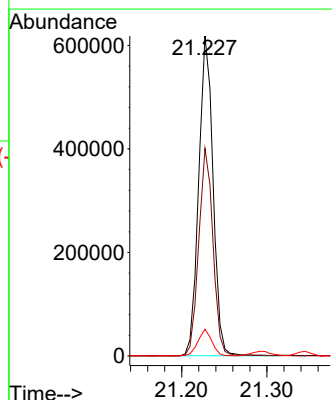
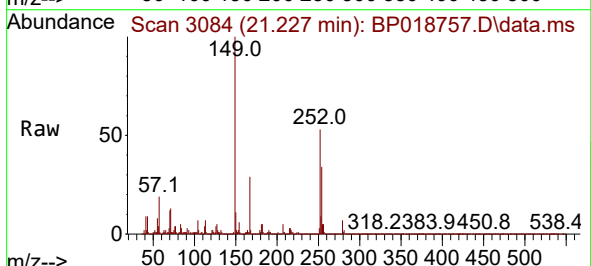
Tgt Ion:252 Resp: 720946

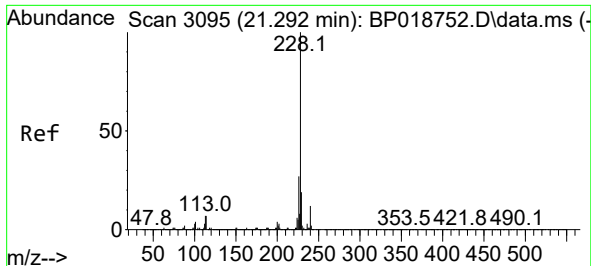
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.4

126 8.3 7.8 11.6

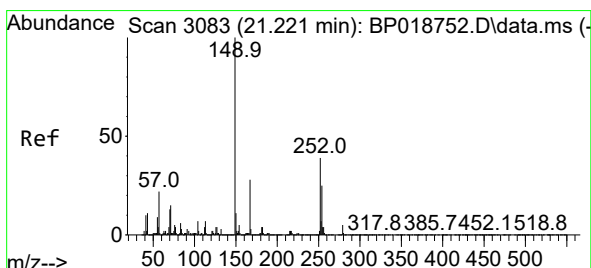
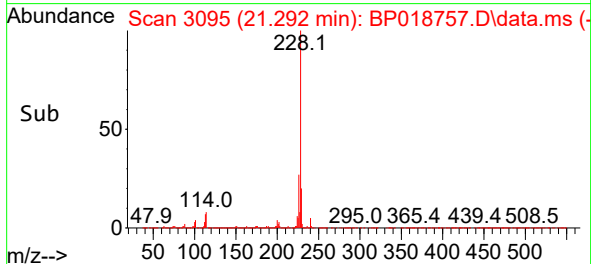
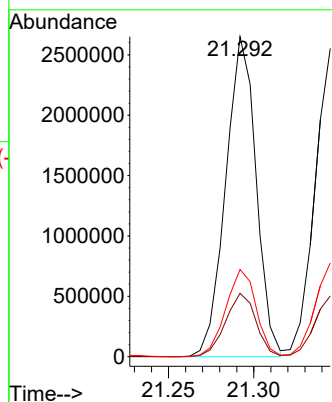
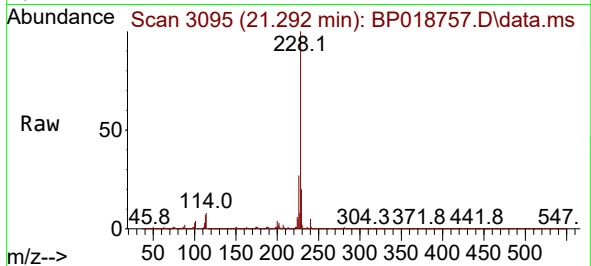




#85
Benzo(a)anthracene
Concen: 34.699 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

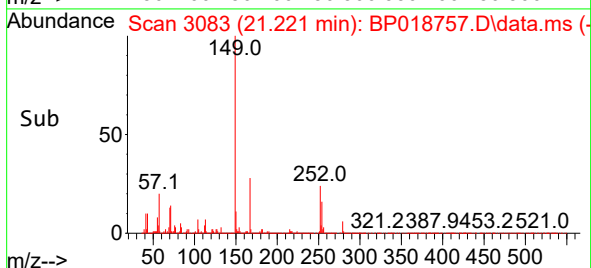
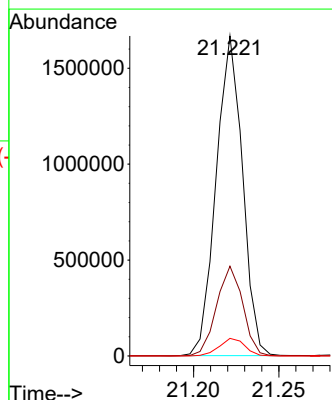
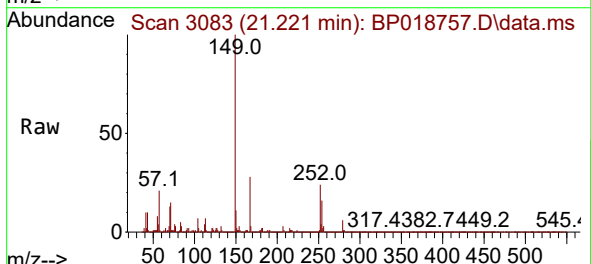
Instrument :
BNA_P
ClientSampleId :

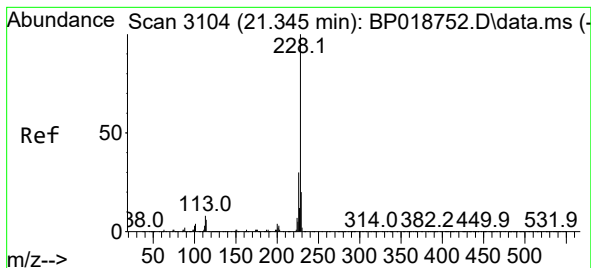
Tgt Ion:228 Resp: 3290481
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.3 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.853 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP018757.D
Acq: 12 Dec 2023 08:58

Tgt Ion:149 Resp: 1792719
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.2
279 5.5 3.3 4.9#





#87

Chrysene

Concen: 35.193 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

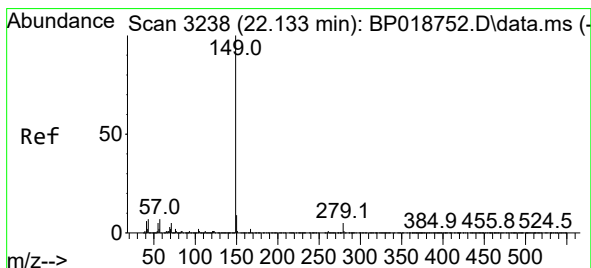
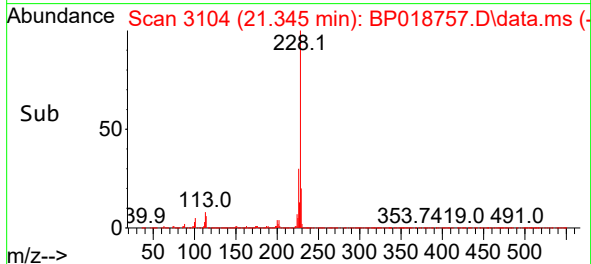
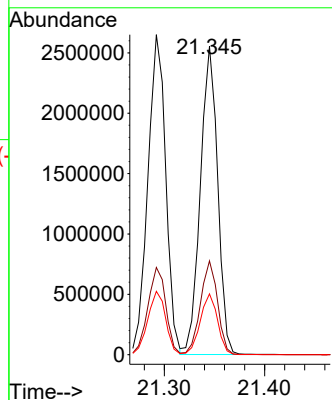
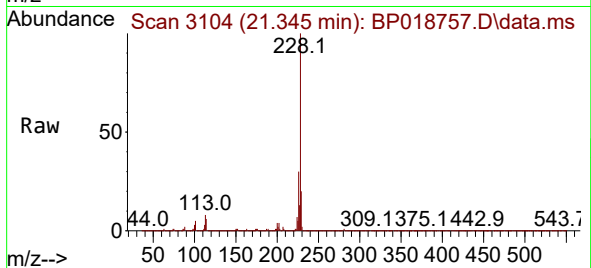
Tgt Ion:228 Resp: 3073337

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.7 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 32.926 ng/ul

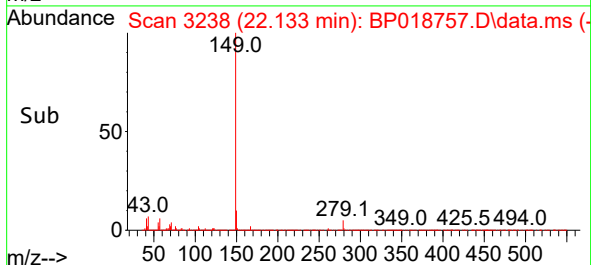
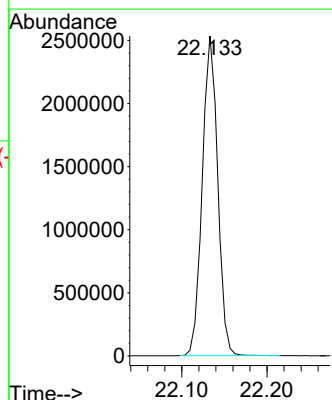
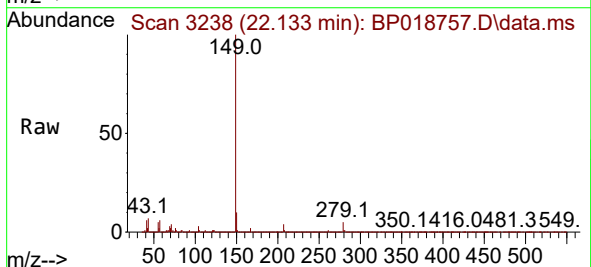
RT: 22.133 min Scan# 3238

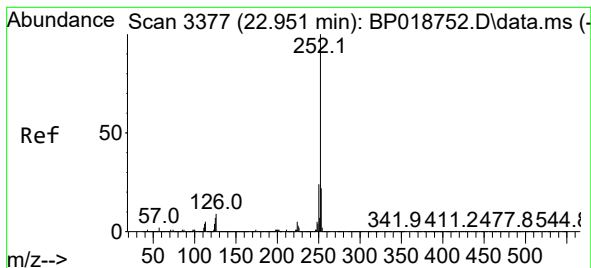
Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Tgt Ion:149 Resp: 3181703





#90

Benzo(b)fluoranthene

Concen: 35.610 ng/ul

RT: 22.951 min Scan# 3377

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

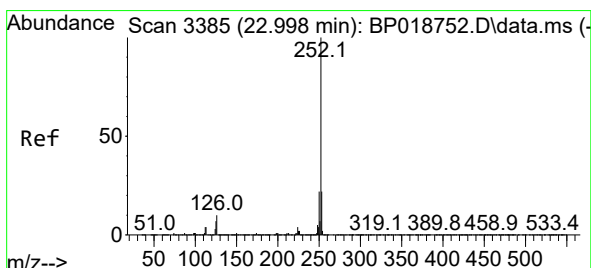
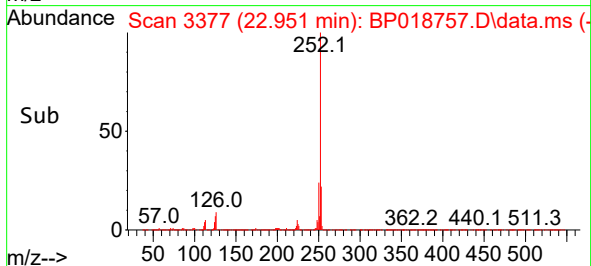
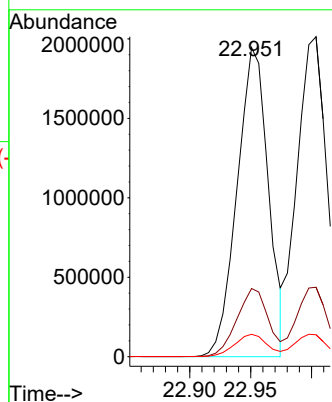
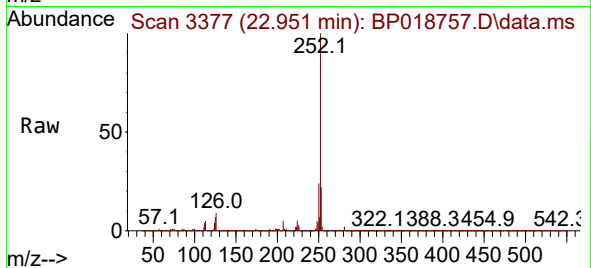
Tgt Ion:252 Resp: 3474849

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.3 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 36.447 ng/ul

RT: 23.004 min Scan# 3386

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

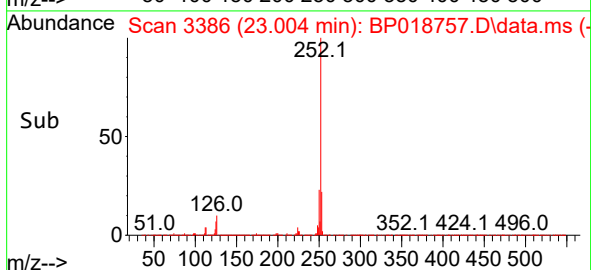
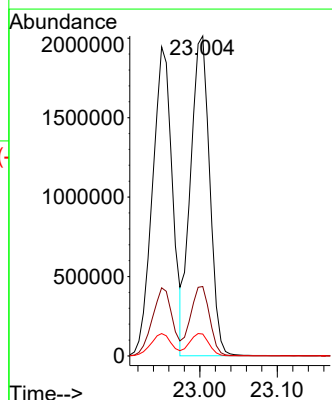
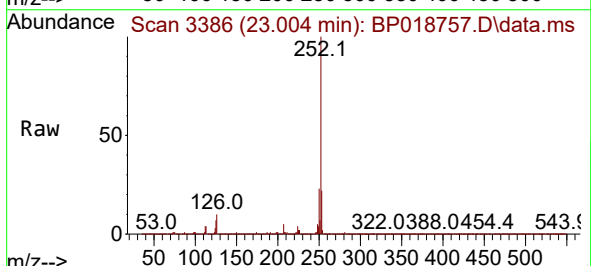
Tgt Ion:252 Resp: 3441175

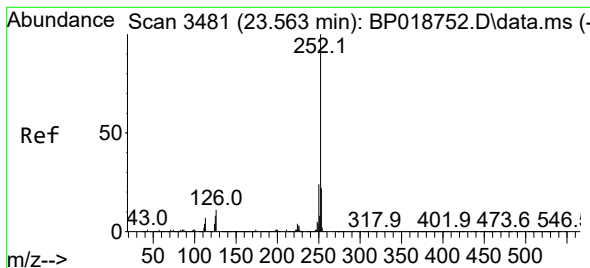
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 6.9 8.0 12.0#





#93

Benzo(a)pyrene

Concen: 35.847 ng/ul

RT: 23.568 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

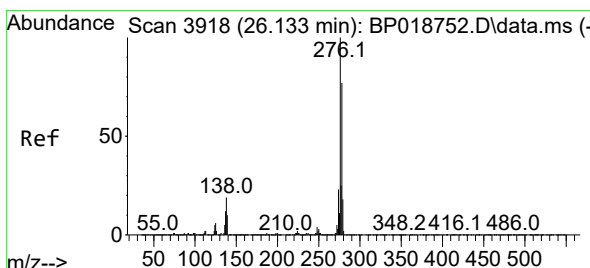
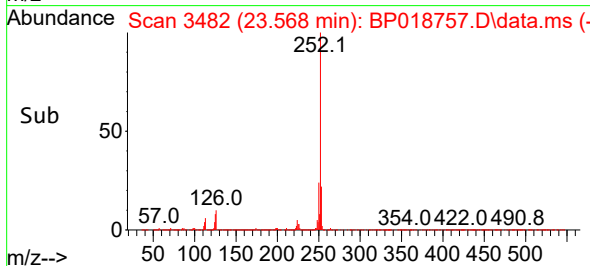
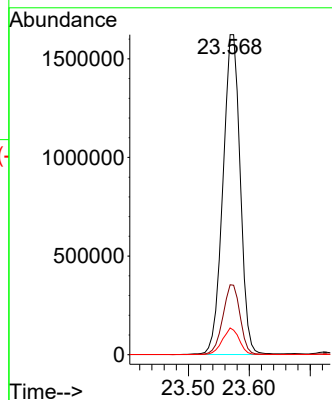
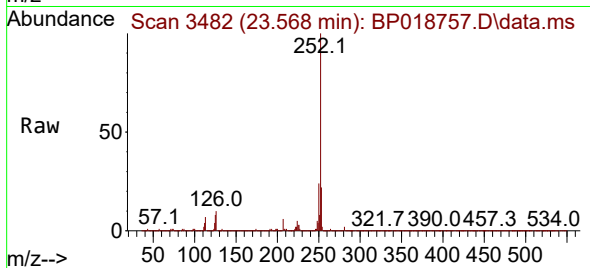
Tgt Ion:252 Resp: 3196287

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 8.3 9.2 13.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.785 ng/ul

RT: 26.139 min Scan# 3919

Delta R.T. -0.000 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

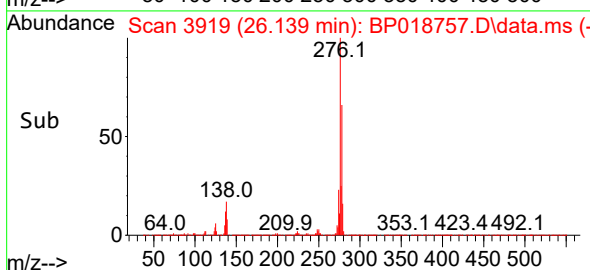
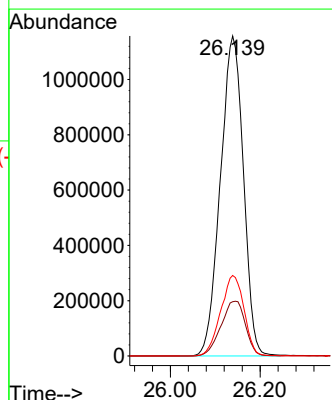
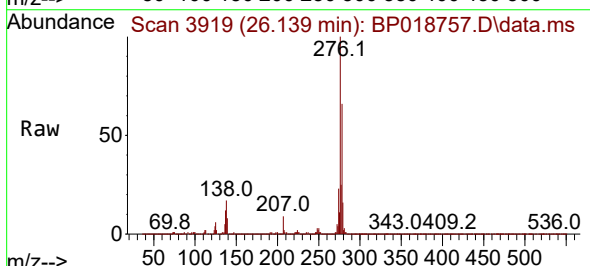
Tgt Ion:276 Resp: 4131884

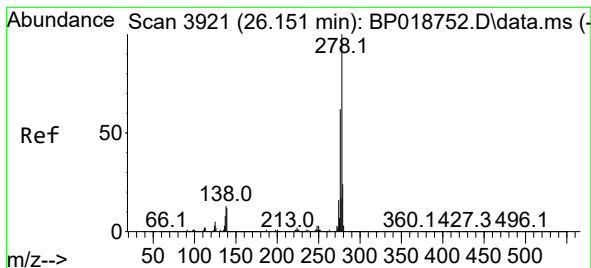
Ion Ratio Lower Upper

276 100

138 17.0 19.4 29.2#

277 25.2 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 38.852 ng/ul

RT: 26.156 min Scan# 3921

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Instrument :

BNA_P

ClientSampleId :

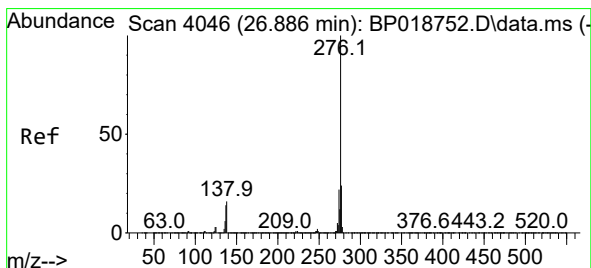
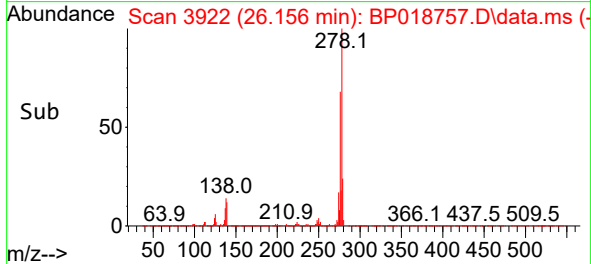
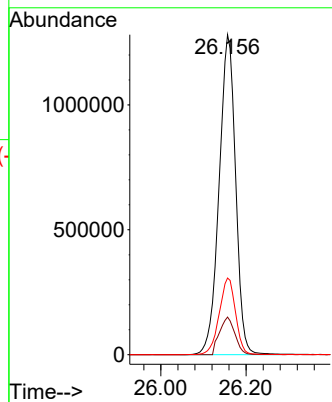
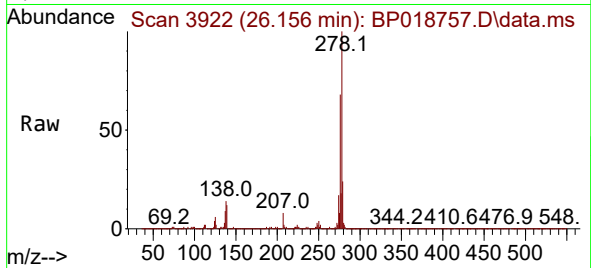
Tgt Ion:278 Resp: 3443069

Ion Ratio Lower Upper

278 100

139 11.8 13.0 19.6#

279 24.0 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 38.721 ng/ul

RT: 26.898 min Scan# 4048

Delta R.T. -0.006 min

Lab File: BP018757.D

Acq: 12 Dec 2023 08:58

Tgt Ion:276 Resp: 3319687

Ion Ratio Lower Upper

276 100

138 15.8 18.1 27.1#

277 24.4 19.4 29.0

