

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019117.D
 Acq On : 27 Dec 2023 16:40
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 03:17:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 03:15:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	138127	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	537052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	344482	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	822304	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	911356	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1086392	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	26639	6.587	ng/uL	0.00
4) Pyridine-d5	3.652	84	195803	19.289	ng/ul	0.00
7) Phenol-d5	6.981	99	230209	18.585	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	146734	20.476	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	182082	18.234	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	180514	18.718	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	84397	18.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	94234	18.782	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	192064	18.957	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	249367	20.010	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	571282	18.775	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	626030	18.962	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	97000	18.879	ng/ul	0.00
60) Fluorene-d10	15.451	176	485297	18.462	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	94801	17.586	ng/ul	0.00
73) Anthracene-d10	17.310	188	782114	18.213	ng/ul	0.00
81) Pyrene-d10	19.557	212	1003046	18.059	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	1121472	17.959	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	26514	5.963	ng/uL	94
5) Pyridine	3.675	79	166025	16.113	ng/ul	99
6) Benzaldehyde	6.952	77	128965	22.423	ng/ul	99
8) Phenol	7.010	94	212814	17.394	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	171627	17.337	ng/ul	97
12) 2-Chlorophenol	7.369	128	173016	16.928	ng/ul	99
13) 2-Methylphenol	8.257	108	156587	17.301	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	195275	16.722	ng/ul	98
16) Acetophenone	8.634	105	270148	18.704	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.622	70	125593	17.438	ng/ul	98
18) 4-Methylphenol	8.587	108	170407	17.492	ng/ul	93
19) Hexachloroethane	8.881	117	69669	16.251	ng/ul	91
22) Nitrobenzene	9.016	77	188185	16.592	ng/ul	99
23) Isophorone	9.540	82	343519	16.796	ng/ul	98
25) 2-Nitrophenol	9.722	139	93271	17.411	ng/ul	97
26) 2,4-Dimethylphenol	9.793	107	148372	15.732	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.028	93	224442	16.603	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	173851	17.559	ng/ul	99
30) Naphthalene	10.657	128	537756	16.608	ng/ul	99
32) 4-Chloroaniline	10.775	127	225280	18.839	ng/ul	100
33) Hexachlorobutadiene	10.934	225	128756	16.898	ng/ul	98
34) Caprolactam	11.557	113	49114	18.780	ng/ul	96
35) 4-Chloro-3-methylphenol	11.904	107	172013	17.699	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	367914	16.853	ng/ul	98

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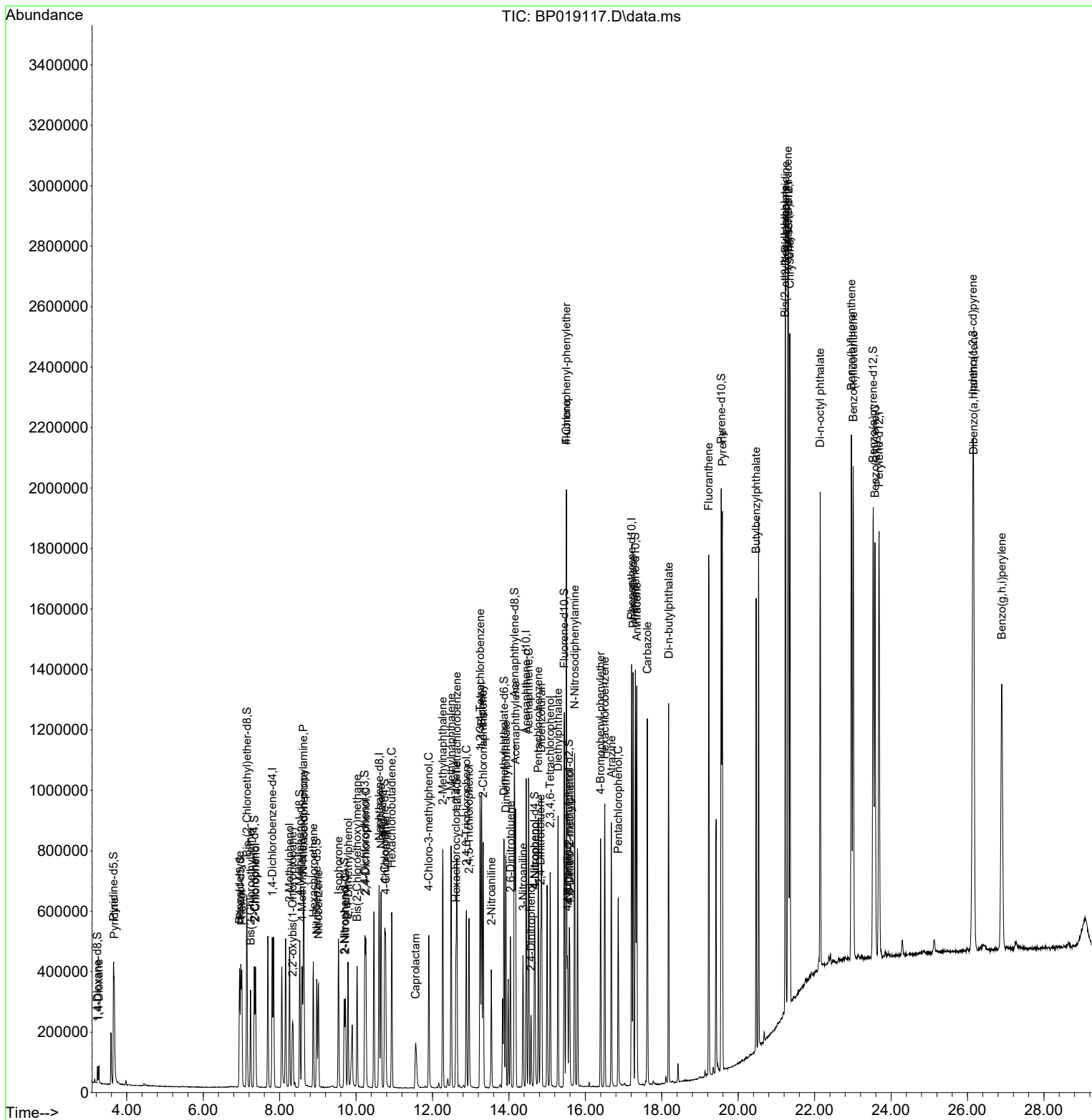
Instrument :
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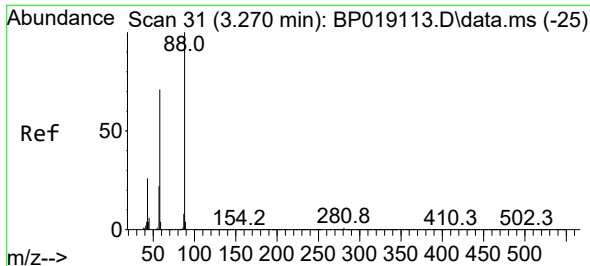
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	363882	16.529	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	249053	17.554	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	114286	14.513	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	142922	16.880	ng/ul	97
42) 2,4,5-Trichlorophenol	12.957	196	153807	17.113	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	509442	16.953	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	397307	16.477	ng/ul	99
45) 2-Nitroaniline	13.540	65	99721	17.227	ng/ul	96
47) Dimethylphthalate	13.922	163	508350	16.925	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	104927	19.011	ng/ul	99
50) Acenaphthylene	14.175	152	631963	17.013	ng/ul	100
51) 3-Nitroaniline	14.369	138	105662	19.583	ng/ul	95
52) Acenaphthene	14.516	153	409347	16.260	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	57087	16.055	ng/ul	96
55) 4-Nitrophenol	14.681	109	73632	17.932	ng/ul	96
56) Dibenzofuran	14.851	168	618689	17.209	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	143742	17.709	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	147094	18.732	ng/ul	99
59) Diethylphthalate	15.286	149	491367	16.873	ng/ul	99
61) Fluorene	15.504	166	486409	16.903	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	261433	16.636	ng/ul	98
63) 4-Nitroaniline	15.534	138	108520	19.990	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	88894	15.574	ng/ul#	97
67) N-Nitrosodiphenylamine	15.722	169	429542	17.116	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	168976	16.533	ng/ul	97
69) Hexachlorobenzene	16.510	284	205647	16.464	ng/ul	99
70) Atrazine	16.681	200	162048	22.880	ng/ul	99
71) Pentachlorophenol	16.863	266	117079	15.965	ng/ul	97
72) Phenanthrene	17.251	178	809509	16.244	ng/ul	99
74) Anthracene	17.345	178	810235	16.332	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	304651	21.308	ng/uL	99
76) Pentachlorobenzene	14.769	250	233476	16.433	ng/uL	98
77) Carbazole	17.622	167	747688	18.118	ng/ul	100
78) Di-n-butylphthalate	18.180	149	862539	16.853	ng/ul	100
80) Fluoranthene	19.227	202	1037515	16.279	ng/ul	99
82) Pyrene	19.586	202	1093672	16.378	ng/ul	98
83) Butylbenzylphthalate	20.469	149	401377	16.827	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	446846	19.600	ng/ul	99
85) Benzo(a)anthracene	21.298	228	1172089	16.278	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	602199	17.145	ng/ul	99
87) Chrysene	21.351	228	1082326	16.119	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	1047377	16.859	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1251091	16.395	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	1158397	15.449	ng/ul	100
93) Benzo(a)pyrene	23.580	252	1091540	15.198	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.145	276	1475058	16.021	ng/ul	99
95) Dibenzo(a,h)anthracene	26.162	278	1229343	16.050	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	1187707	16.097	ng/ul	98

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

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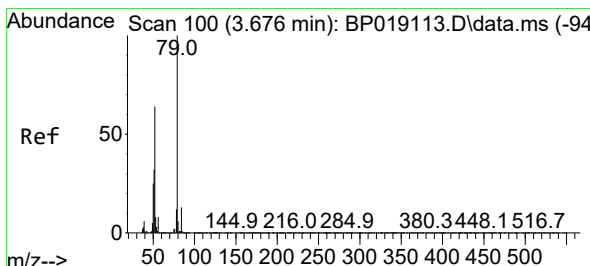
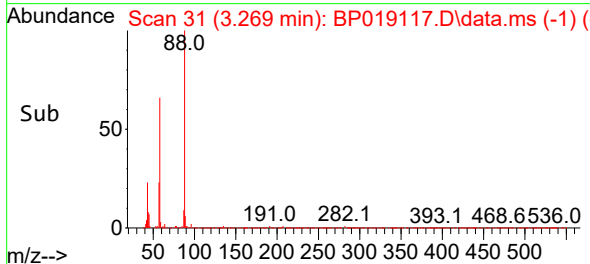
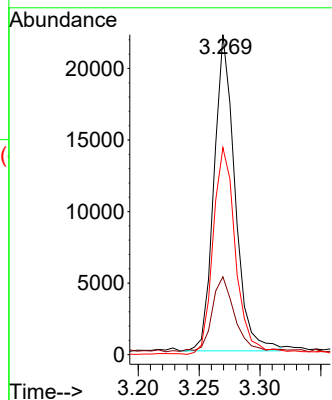
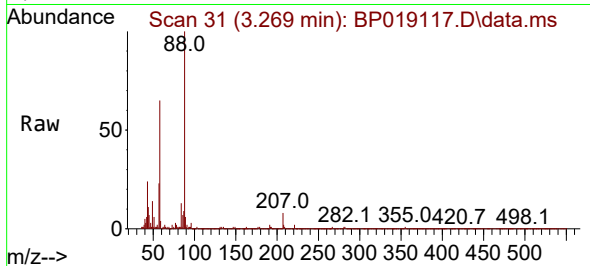




#2
1,4-Dioxane
Concen: 5.963 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. -0.001 min
Lab File: BP019117.D
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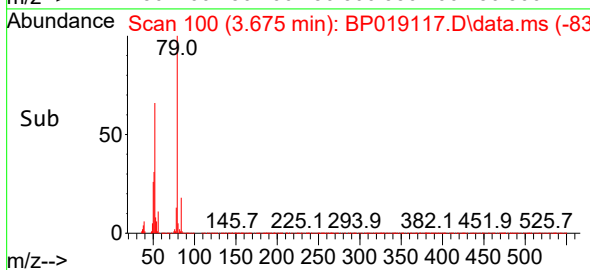
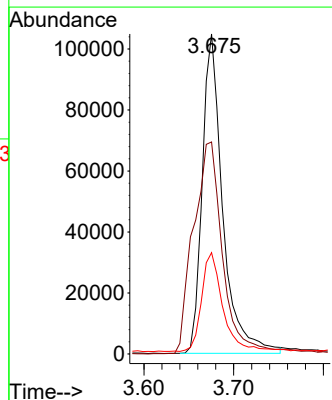
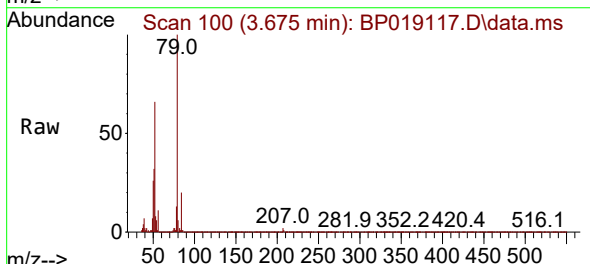
Instrument :
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ClientSampleId :

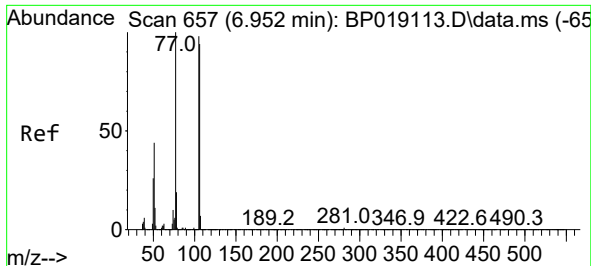
Tgt Ion: 88 Resp: 26514
Ion Ratio Lower Upper
88 100
43 24.4 21.0 31.4
58 64.7 56.6 84.8



#5
Pyridine
Concen: 16.113 ng/uL
RT: 3.675 min Scan# 100
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion: 79 Resp: 166025
Ion Ratio Lower Upper
79 100
52 66.2 52.4 78.6
51 31.7 25.9 38.9

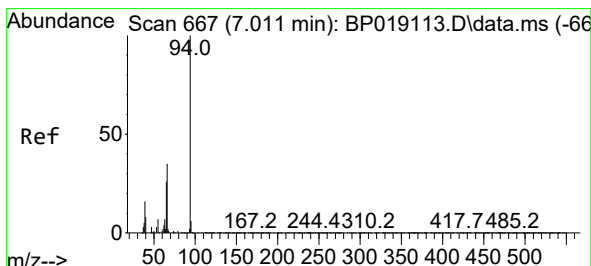
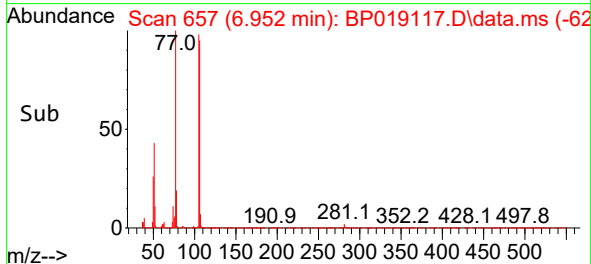
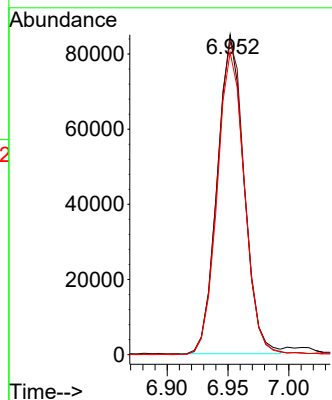
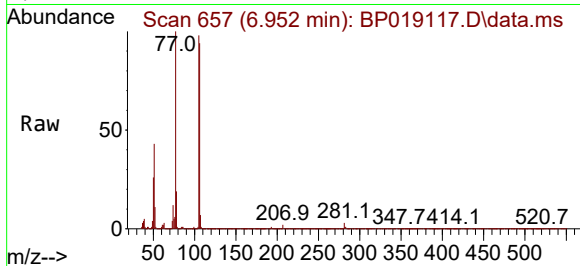




#6
Benzaldehyde
Concen: 22.423 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

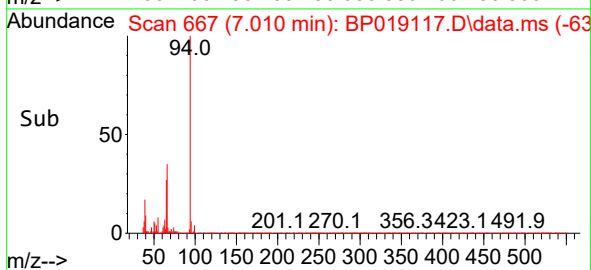
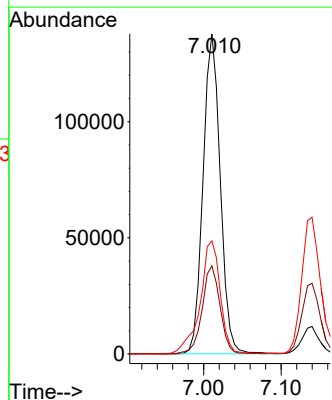
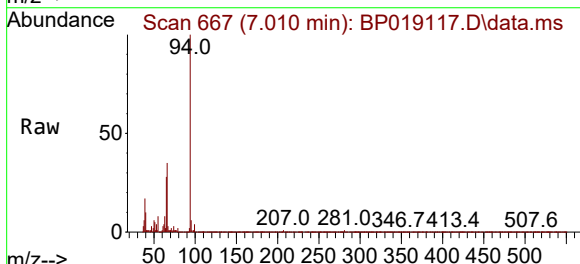
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BNA_F
ClientSampleId :

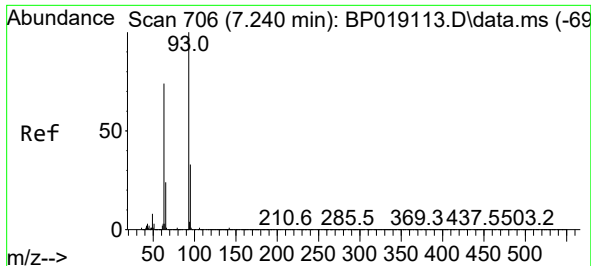
Tgt Ion: 77 Resp: 128965
Ion Ratio Lower Upper
77 100
105 97.9 78.6 117.8
106 94.4 74.8 112.2



#8
Phenol
Concen: 17.394 ng/ul
RT: 7.010 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion: 94 Resp: 212814
Ion Ratio Lower Upper
94 100
65 27.5 21.1 31.7
66 35.4 29.3 43.9

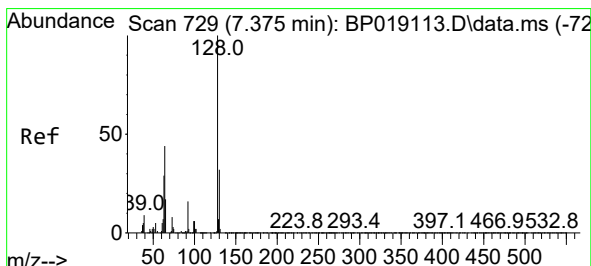
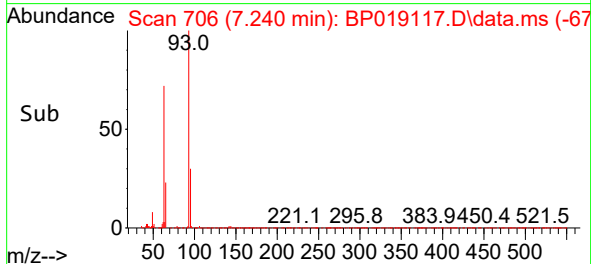
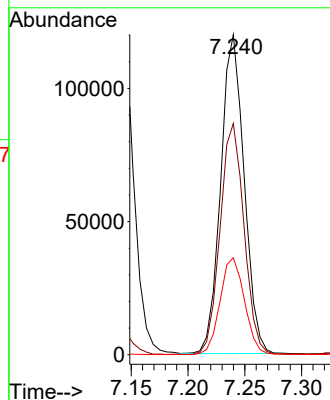
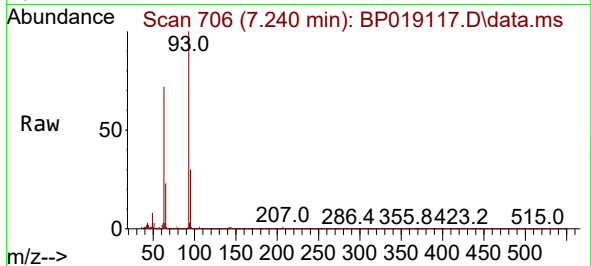




#10
 Bis(2-Chloroethyl)ether
 Concen: 17.337 ng/ul
 RT: 7.240 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: BP019117.D
 Acq: 27 Dec 2023 16:40

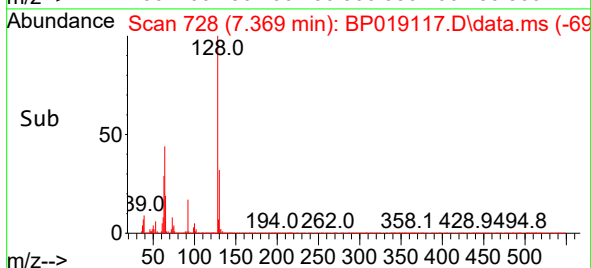
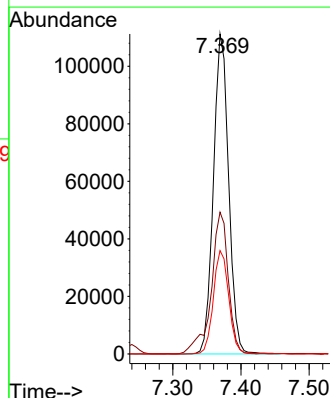
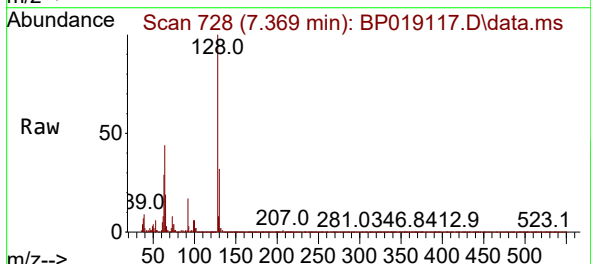
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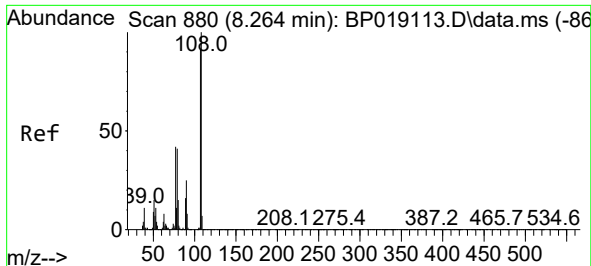
Tgt Ion: 93 Resp: 171627
 Ion Ratio Lower Upper
 93 100
 63 72.3 59.4 89.0
 95 30.3 26.6 40.0



#12
 2-Chlorophenol
 Concen: 16.928 ng/ul
 RT: 7.369 min Scan# 728
 Delta R.T. -0.006 min
 Lab File: BP019117.D
 Acq: 27 Dec 2023 16:40

Tgt Ion:128 Resp: 173016
 Ion Ratio Lower Upper
 128 100
 64 44.3 35.9 53.9
 130 32.3 25.3 37.9





#13

2-Methylphenol

Concen: 17.301 ng/ul

RT: 8.257 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

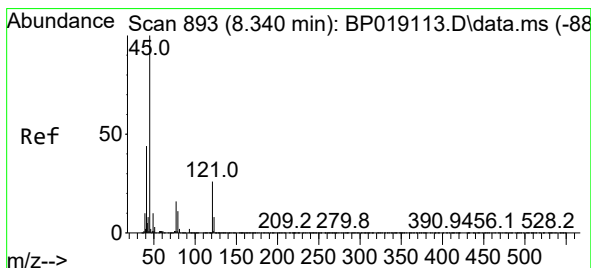
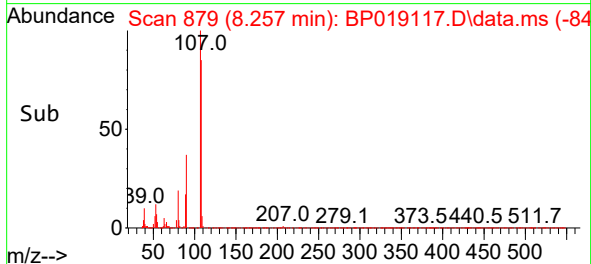
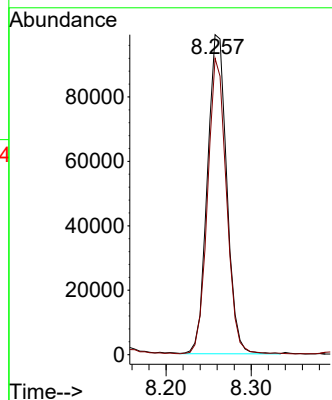
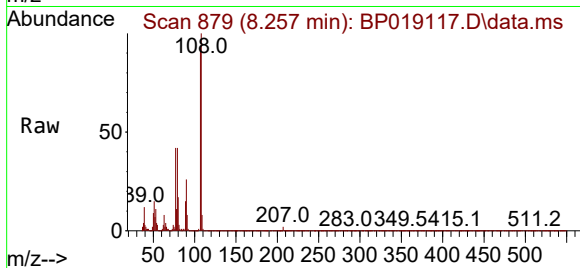
ClientSampleId :

Tgt Ion:108 Resp: 156587

Ion Ratio Lower Upper

108 100

107 92.6 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.722 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

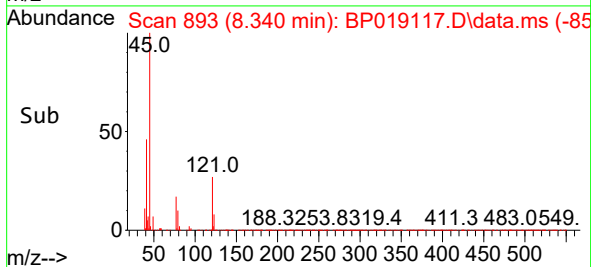
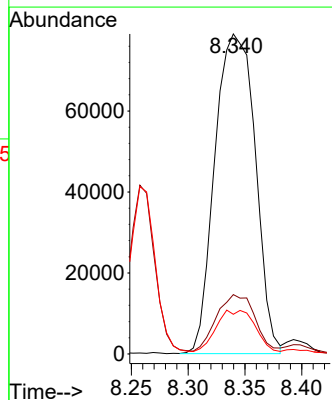
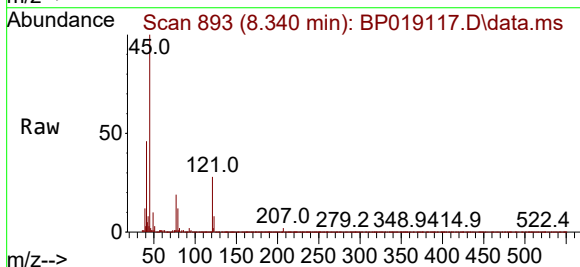
Tgt Ion: 45 Resp: 195275

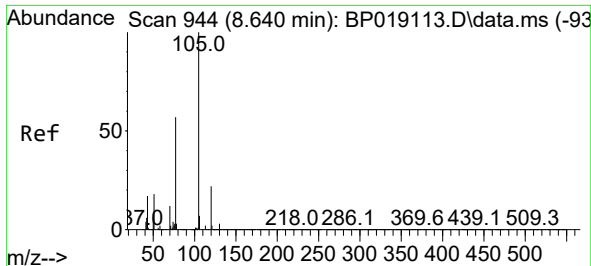
Ion Ratio Lower Upper

45 100

77 18.6 13.6 20.4

79 12.4 9.7 14.5

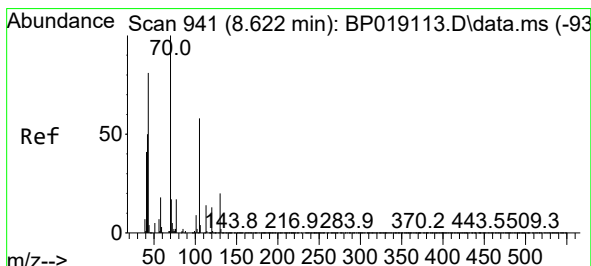
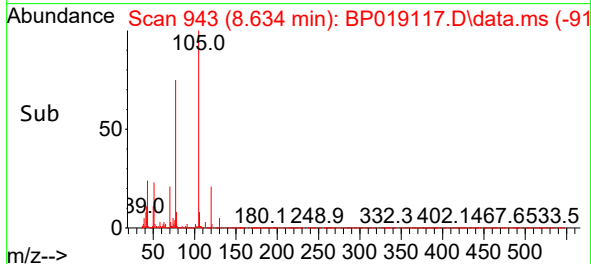
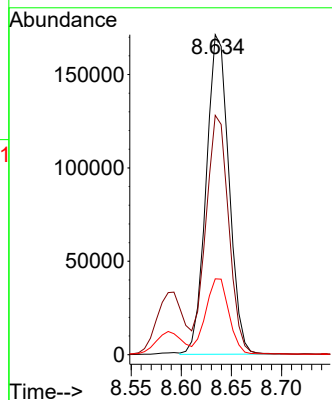
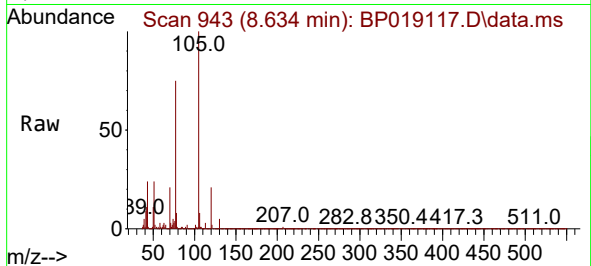




#16
Acetophenone
Concen: 18.704 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

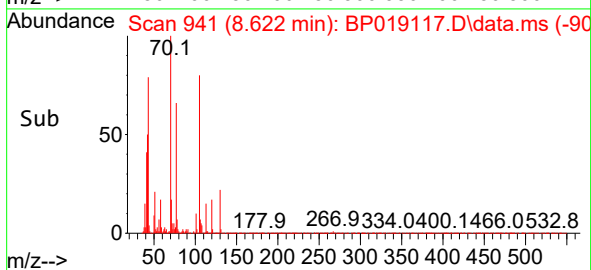
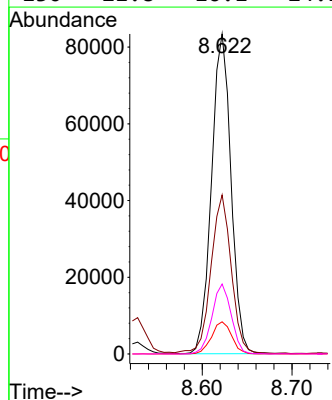
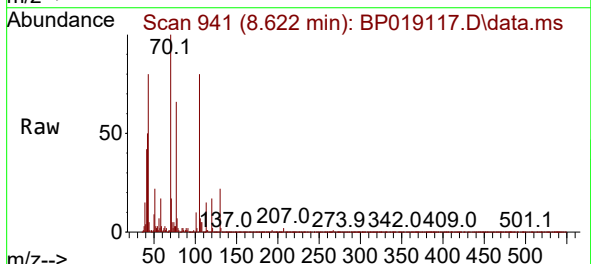
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BNA_F
ClientSampleId :

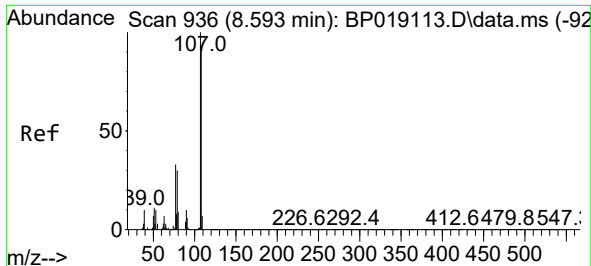
Tgt Ion:105 Resp: 270148
Ion Ratio Lower Upper
105 100
77 74.8 59.8 89.6
51 23.7 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 17.438 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion: 70 Resp: 125593
Ion Ratio Lower Upper
70 100
42 49.7 40.6 61.0
101 10.1 7.3 10.9
130 21.8 16.1 24.1

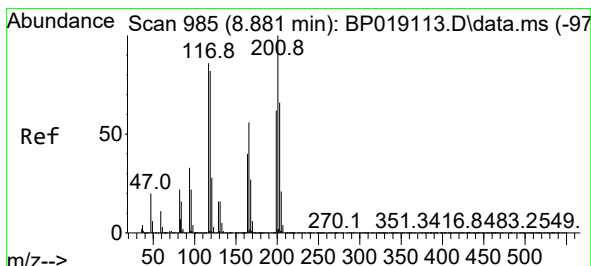
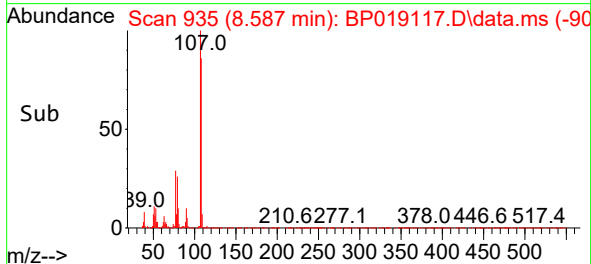
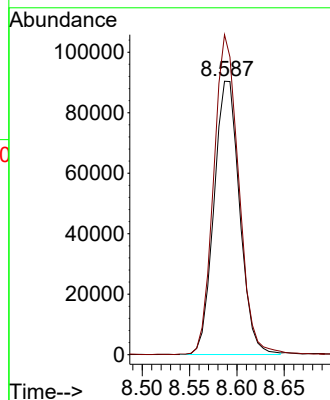
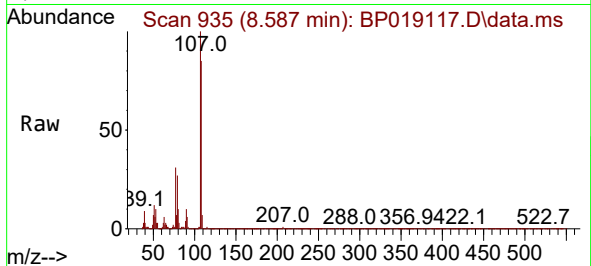




#18
4-Methylphenol
Concen: 17.492 ng/ul
RT: 8.587 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

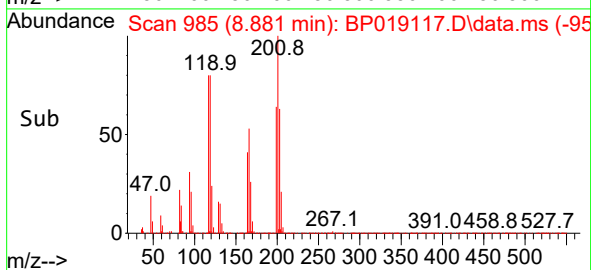
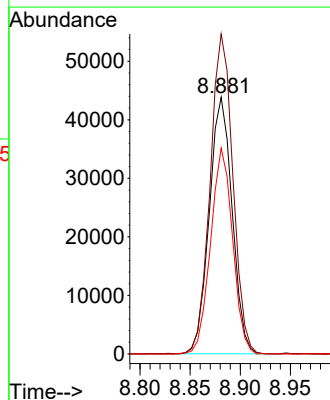
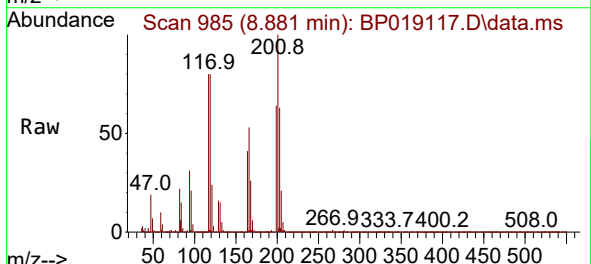
Instrument :
BNA_F
ClientSampleId :

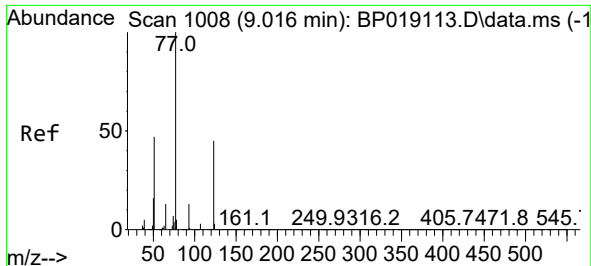
Tgt Ion:108 Resp: 170407
Ion Ratio Lower Upper
108 100
107 117.0 88.1 132.1



#19
Hexachloroethane
Concen: 16.251 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:117 Resp: 69669
Ion Ratio Lower Upper
117 100
201 124.7 92.5 138.7
199 80.2 56.9 85.3

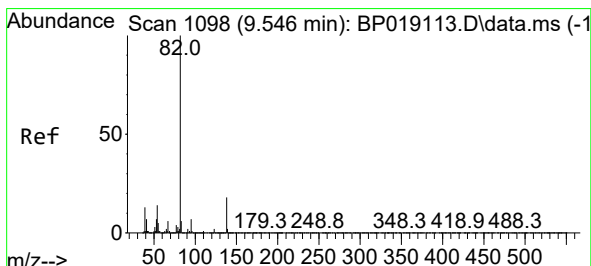
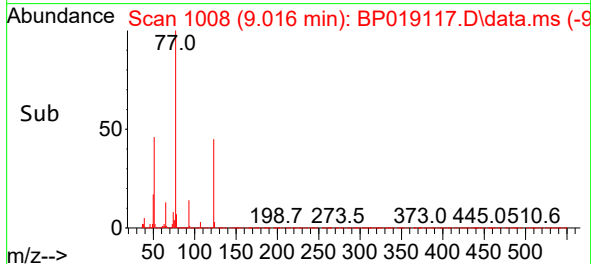
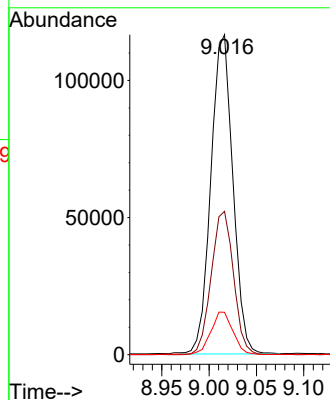
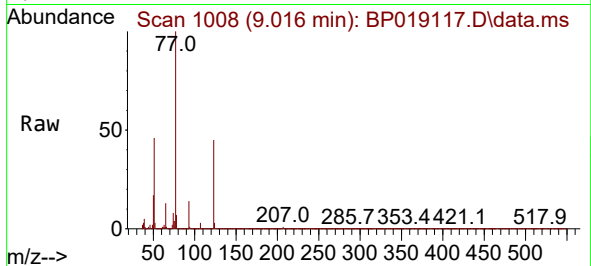




#22
Nitrobenzene
Concen: 16.592 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

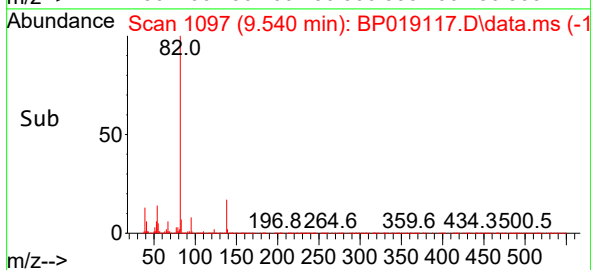
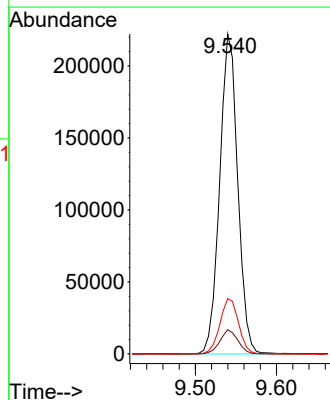
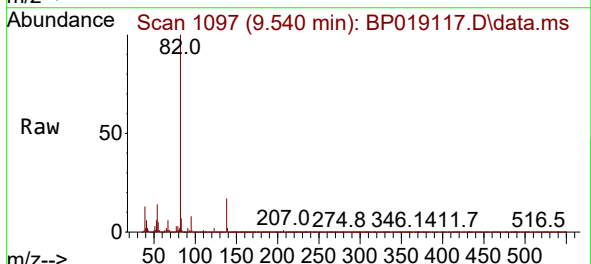
Instrument :
BNA_F
ClientSampleId :

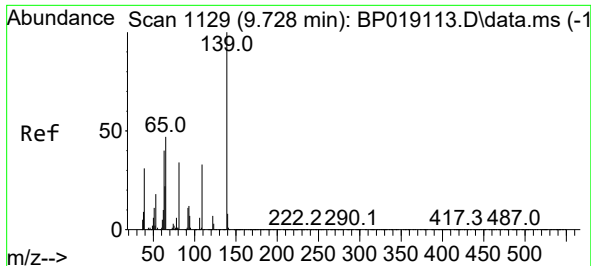
Tgt Ion: 77 Resp: 188185
Ion Ratio Lower Upper
77 100
123 44.8 35.5 53.3
65 13.3 10.3 15.5



#23
Isophorone
Concen: 16.796 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion: 82 Resp: 343519
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 17.3 14.7 22.1

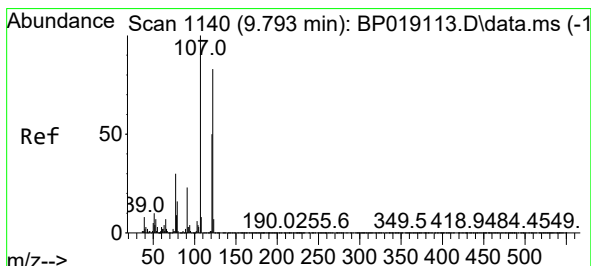
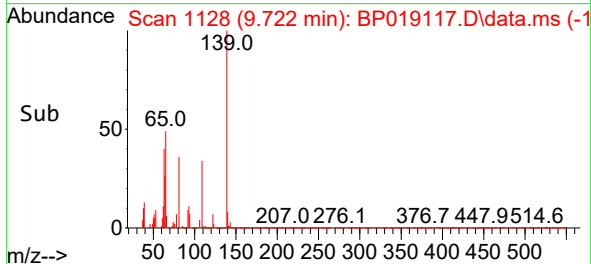
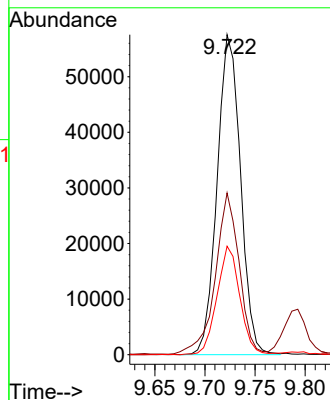
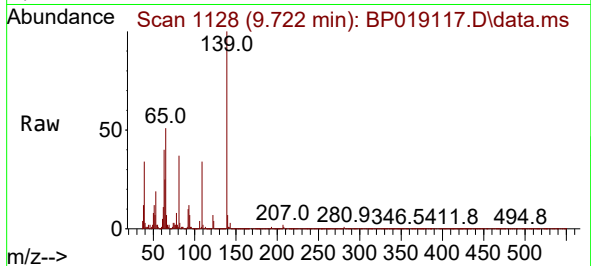




#25
2-Nitrophenol
Concen: 17.411 ng/ul
RT: 9.722 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

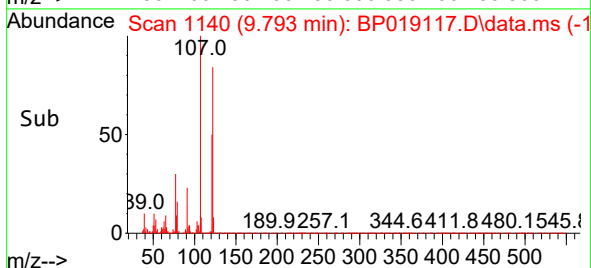
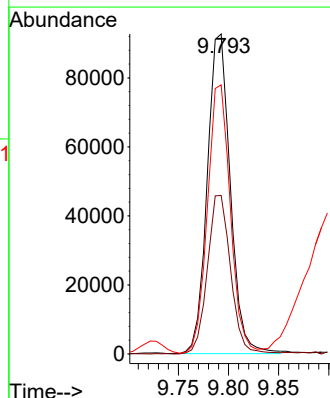
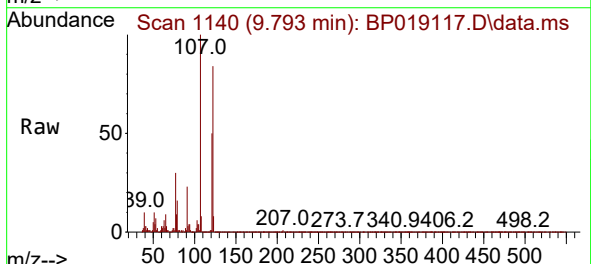
Instrument :
BNA_F
ClientSampleId :

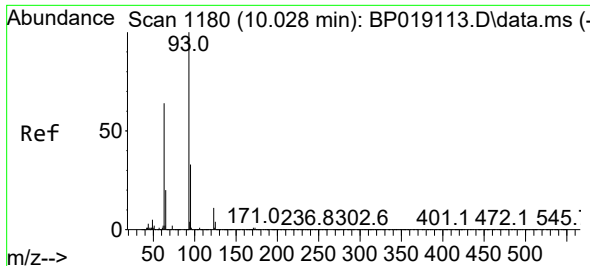
Tgt Ion:139 Resp: 93271
Ion Ratio Lower Upper
139 100
65 50.5 38.8 58.2
109 33.9 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 15.732 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:107 Resp: 148372
Ion Ratio Lower Upper
107 100
121 49.6 39.8 59.6
122 84.1 66.4 99.6





#27

Bis(2-Chloroethoxy)methane

Concen: 16.603 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. -0.000 min

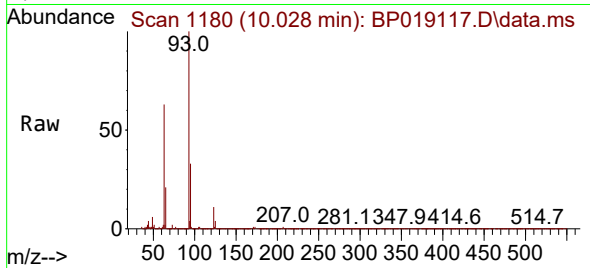
Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :



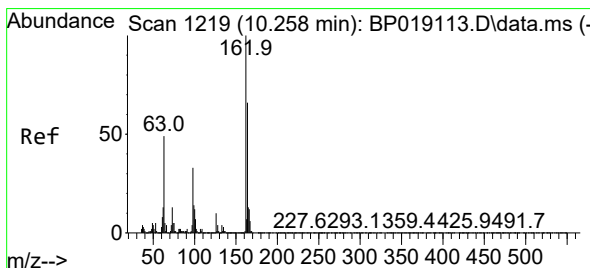
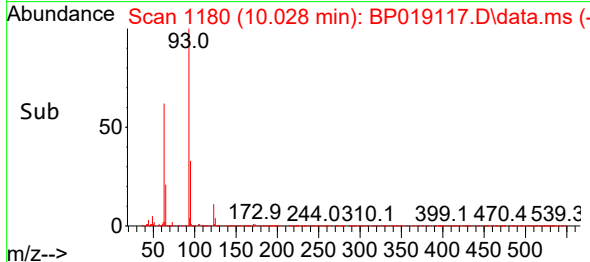
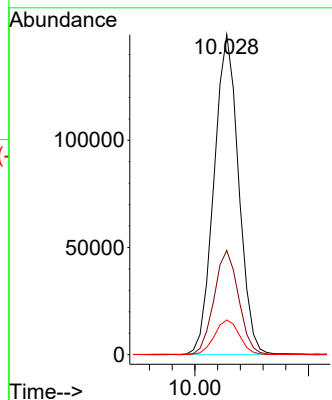
Tgt Ion: 93 Resp: 224442

Ion Ratio Lower Upper

93 100

95 32.5 26.7 40.1

123 10.9 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 17.559 ng/ul

RT: 10.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

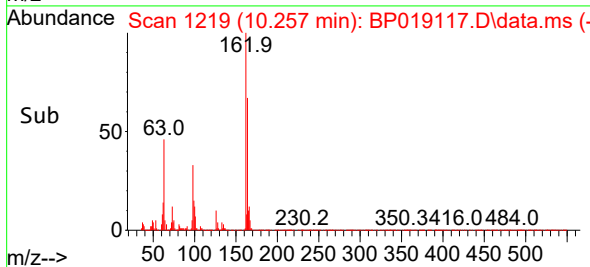
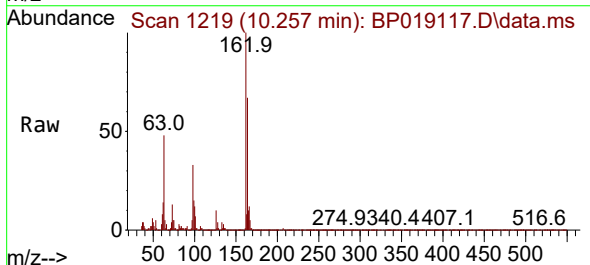
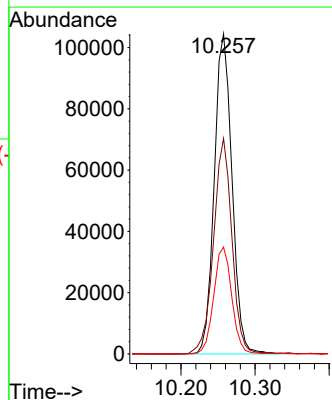
Tgt Ion:162 Resp: 173851

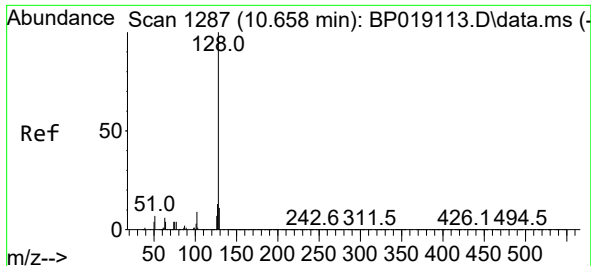
Ion Ratio Lower Upper

162 100

164 67.3 52.6 78.8

98 33.4 26.7 40.1

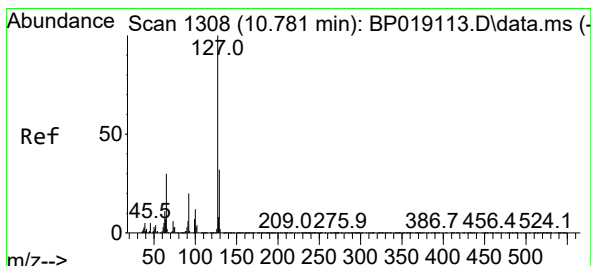
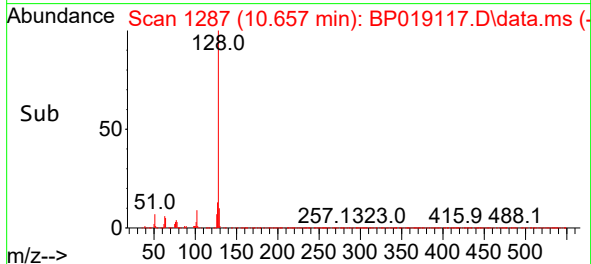
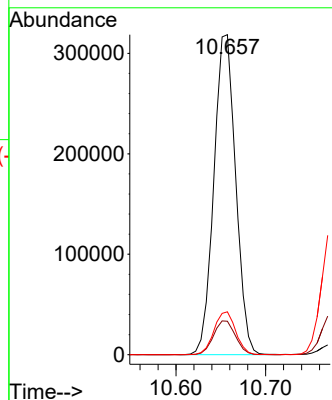
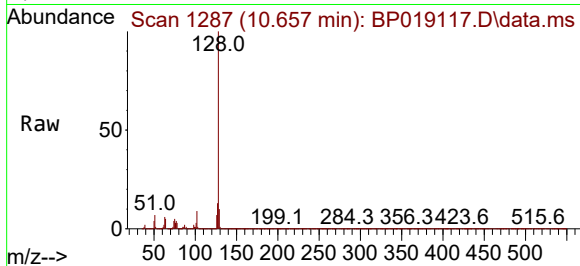




#30
Naphthalene
Concen: 16.608 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

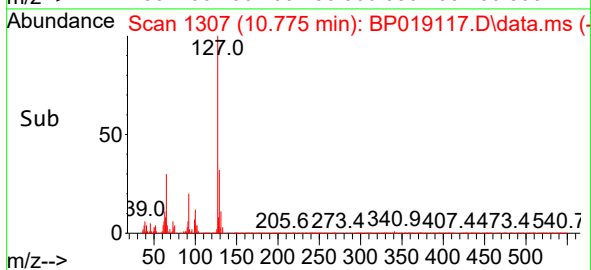
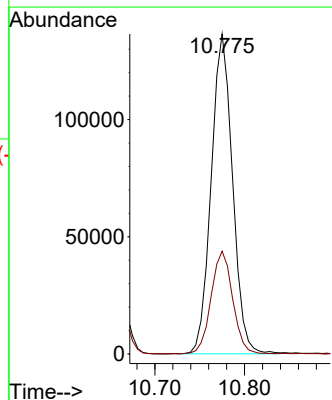
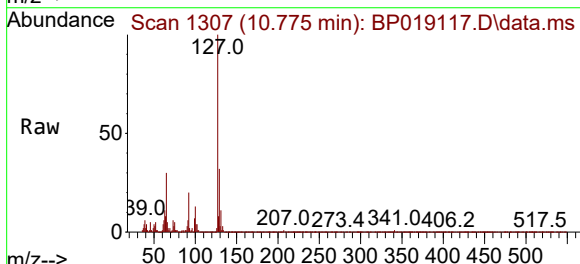
Instrument :
BNA_F
ClientSampleId :

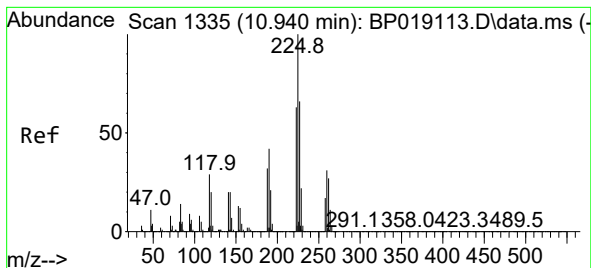
Tgt Ion:128 Resp: 537756
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.4 10.6 15.8



#32
4-Chloroaniline
Concen: 18.839 ng/ul
RT: 10.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:127 Resp: 225280
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4





#33

Hexachlorobutadiene

Concen: 16.898 ng/ul

RT: 10.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

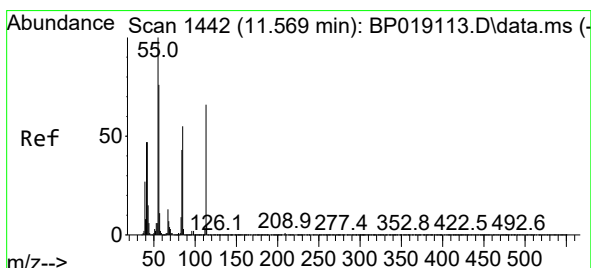
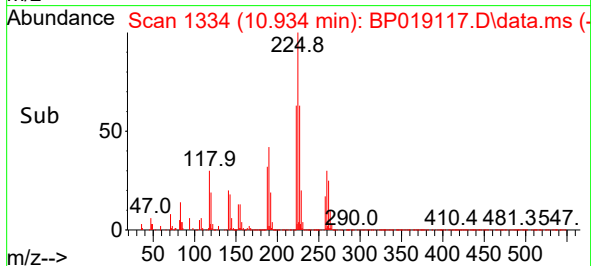
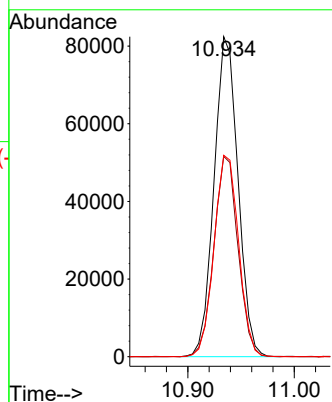
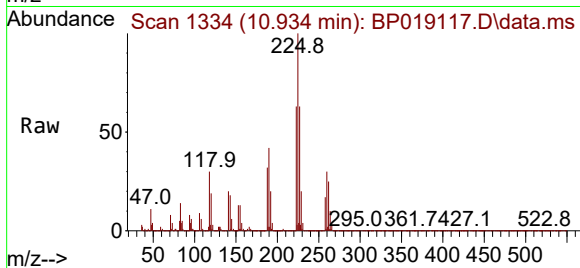
Tgt Ion:225 Resp: 128756

Ion Ratio Lower Upper

225 100

223 62.6 50.5 75.7

227 63.0 53.0 79.4



#34

Caprolactam

Concen: 18.780 ng/ul

RT: 11.557 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

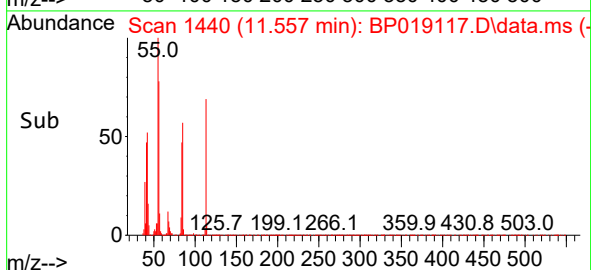
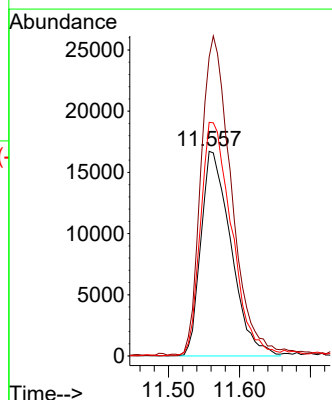
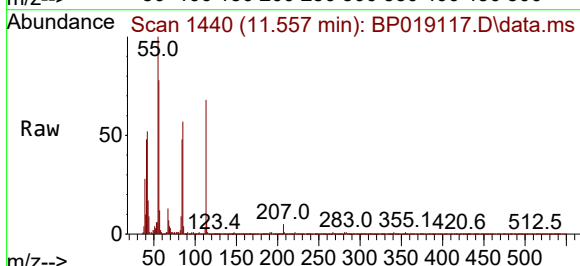
Tgt Ion:113 Resp: 49114

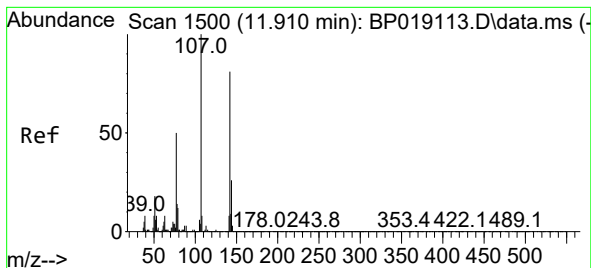
Ion Ratio Lower Upper

113 100

55 146.0 122.6 184.0

56 114.2 93.0 139.4

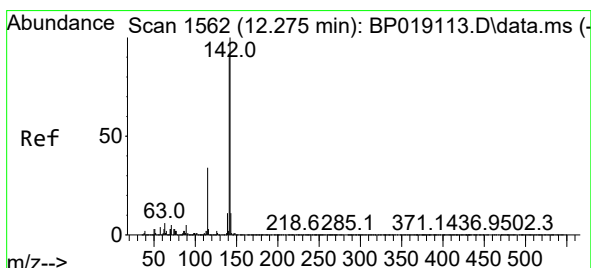
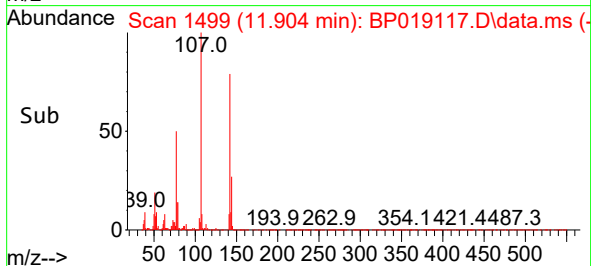
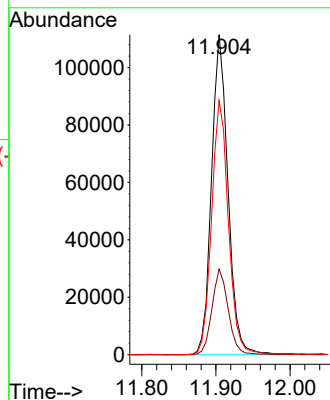
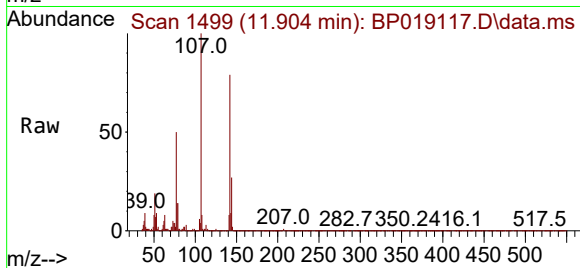




#35
4-Chloro-3-methylphenol
Concen: 17.699 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

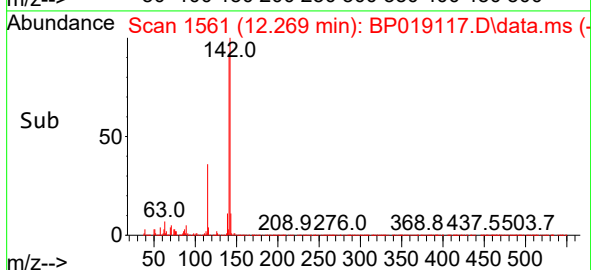
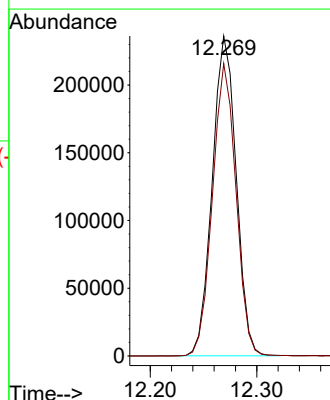
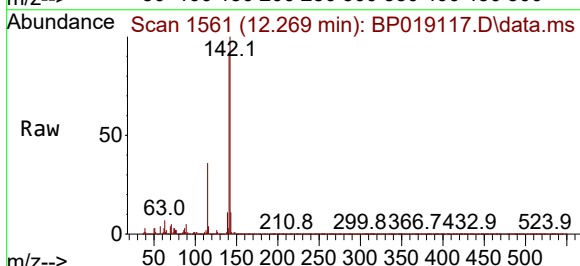
Instrument :
BNA_F
ClientSampleId :

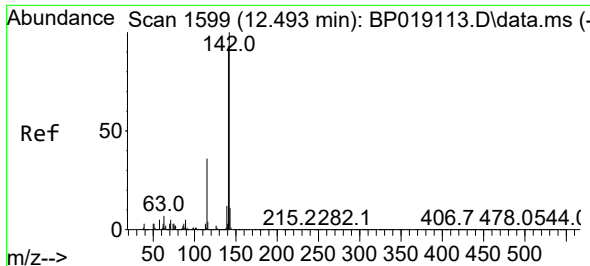
Tgt Ion:107 Resp: 172013
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.6
142 79.4 64.8 97.2



#36
2-Methylnaphthalene
Concen: 16.853 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:142 Resp: 367914
Ion Ratio Lower Upper
142 100
141 91.4 71.7 107.5

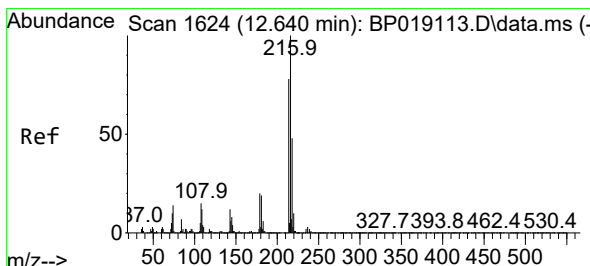
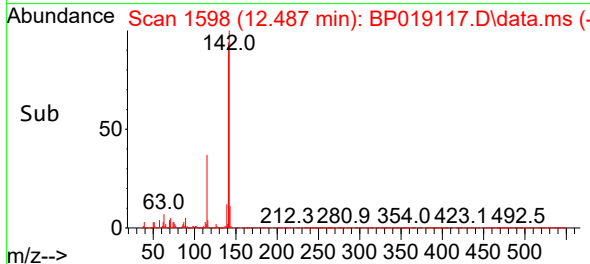
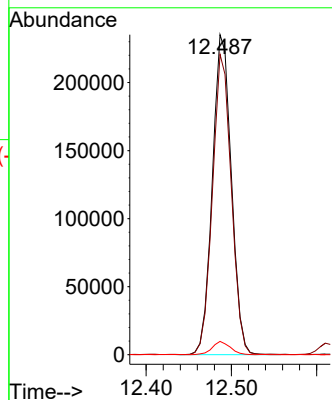
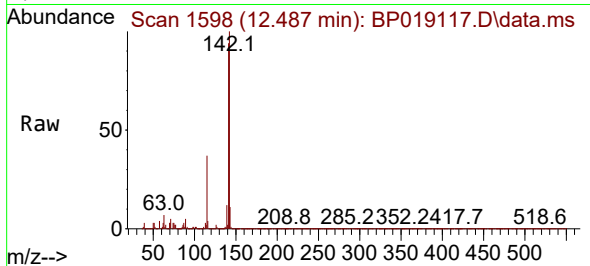




#37
1-Methylnaphthalene
Concen: 16.529 ng/ul
RT: 12.487 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

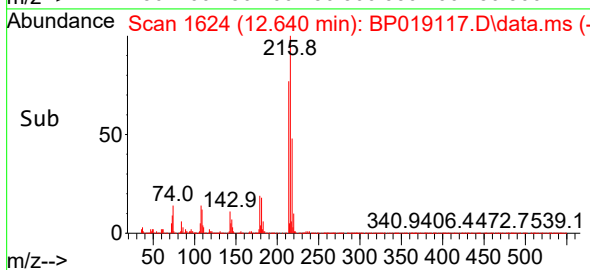
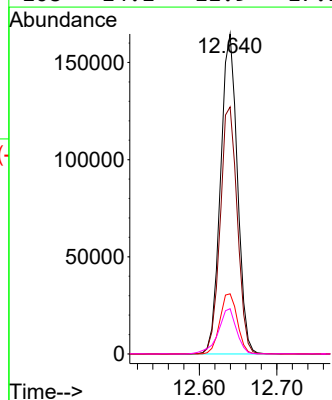
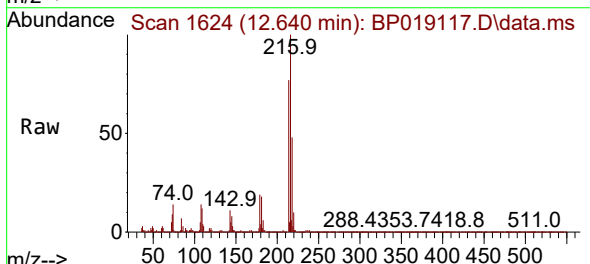
Instrument :
BNA_F
ClientSampleId :

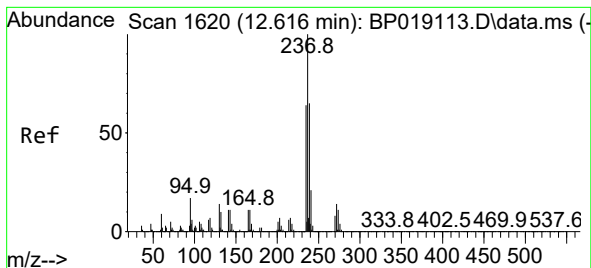
Tgt Ion:142 Resp: 363882
Ion Ratio Lower Upper
142 100
141 93.9 74.4 111.6
116 4.1 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.554 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:216 Resp: 249053
Ion Ratio Lower Upper
216 100
214 77.2 62.6 94.0
179 18.8 15.8 23.8
108 14.1 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 14.513 ng/ul

RT: 12.616 min Scan# 1620

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

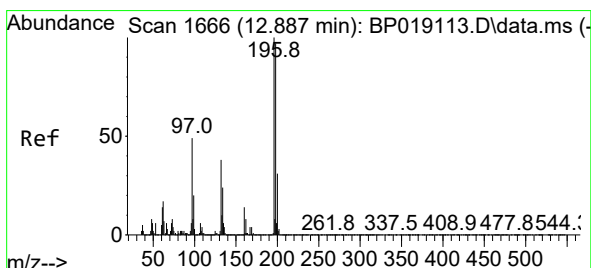
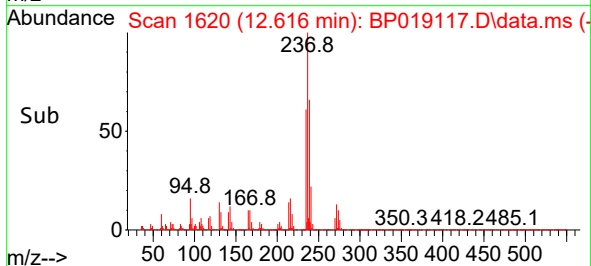
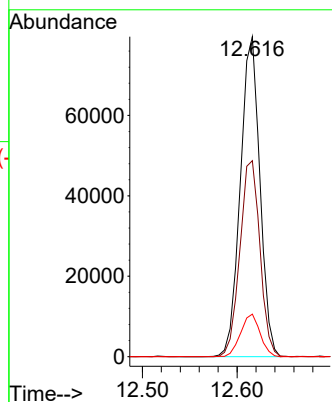
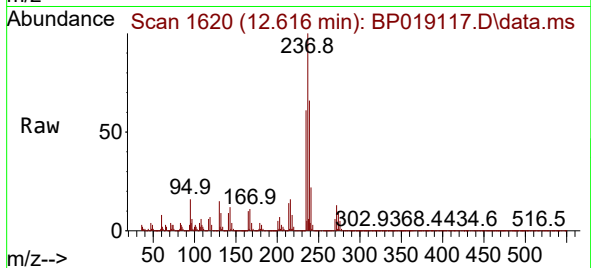
Tgt Ion:237 Resp: 114286

Ion Ratio Lower Upper

237 100

235 61.2 51.2 76.8

272 14.1 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 16.880 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

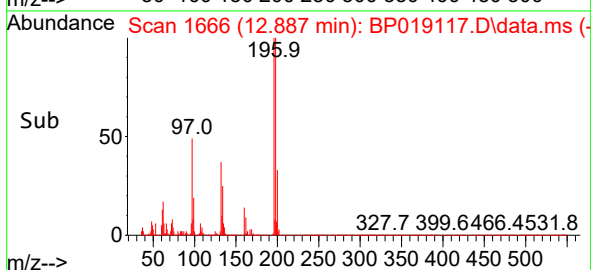
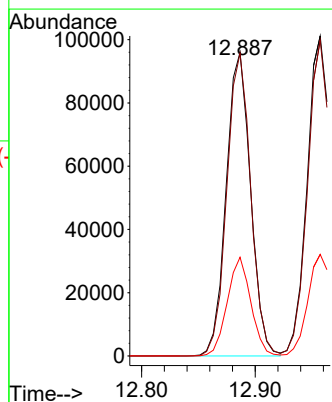
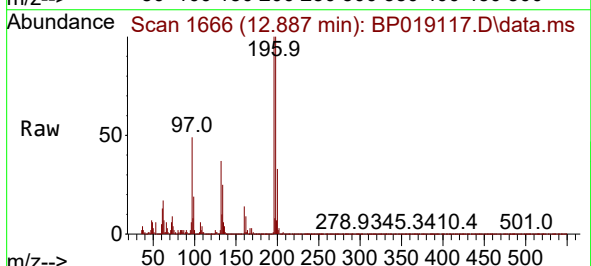
Tgt Ion:196 Resp: 142922

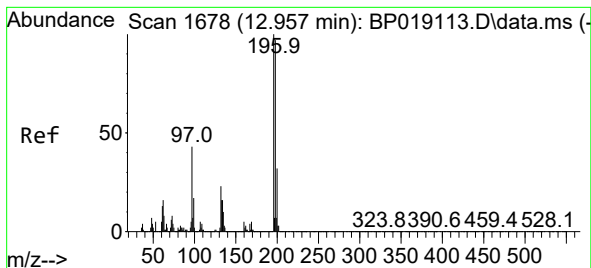
Ion Ratio Lower Upper

196 100

198 99.7 77.4 116.0

200 32.5 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 17.113 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

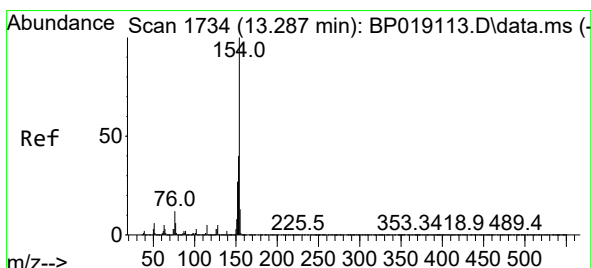
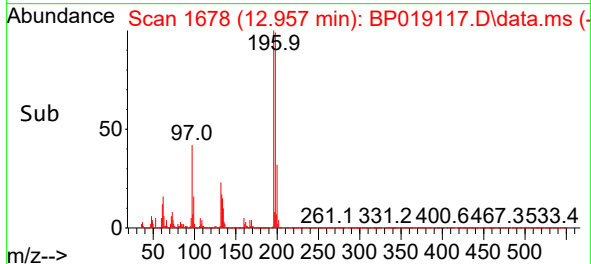
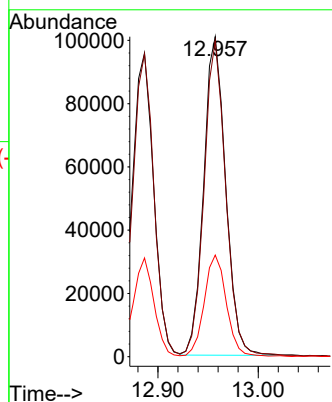
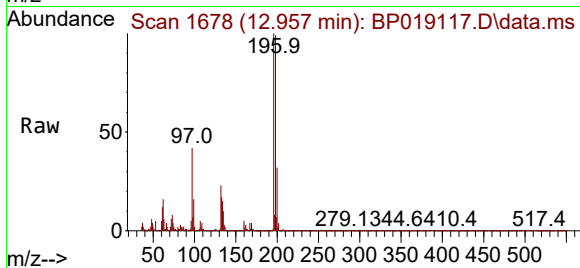
Tgt Ion:196 Resp: 153807

Ion Ratio Lower Upper

196 100

198 98.7 77.3 115.9

200 31.8 25.7 38.5



#43

1,1'-Biphenyl

Concen: 16.953 ng/ul

RT: 13.287 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

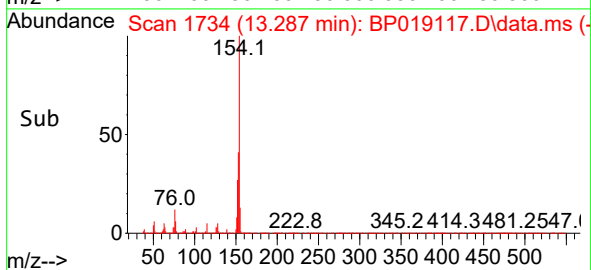
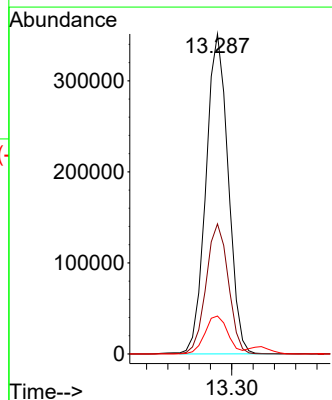
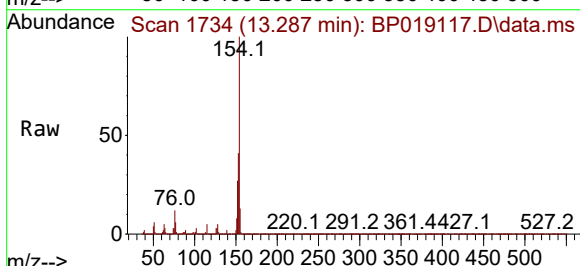
Tgt Ion:154 Resp: 509442

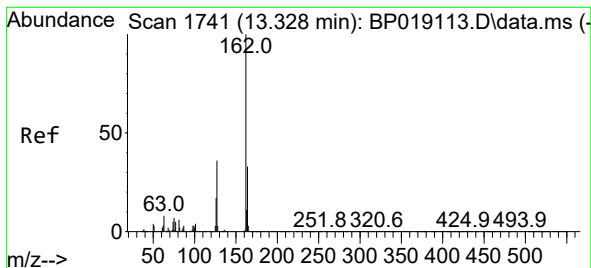
Ion Ratio Lower Upper

154 100

153 40.6 31.9 47.9

76 11.9 9.5 14.3

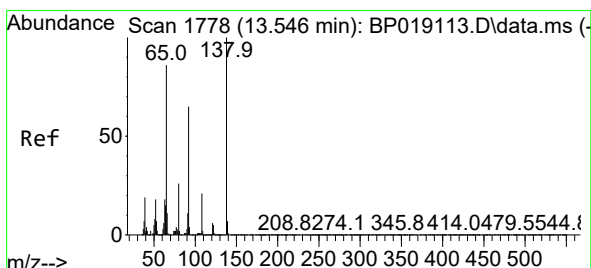
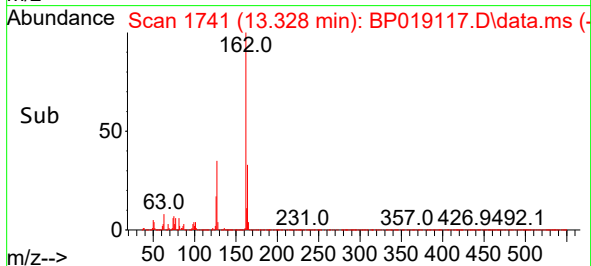
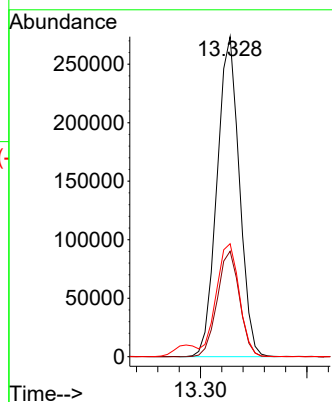
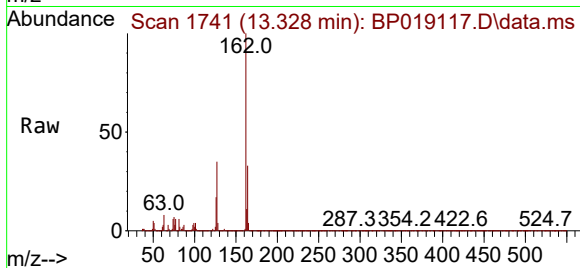




#44
2-Chloronaphthalene
Concen: 16.477 ng/ul
RT: 13.328 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

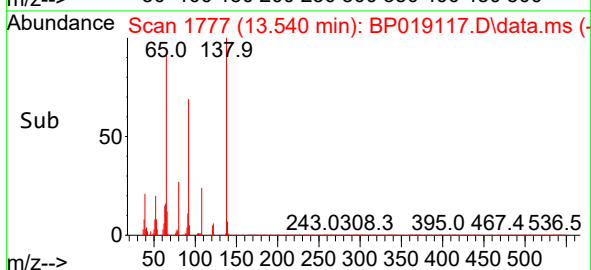
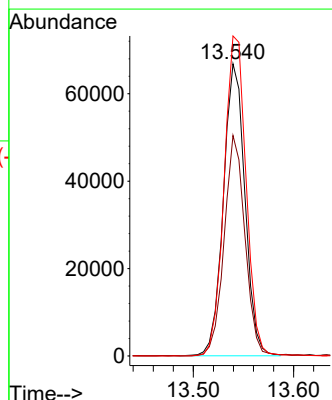
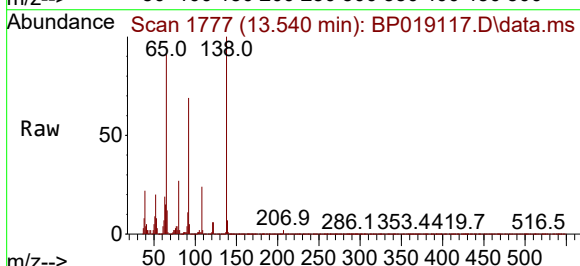
Instrument :
BNA_F
ClientSampleId :

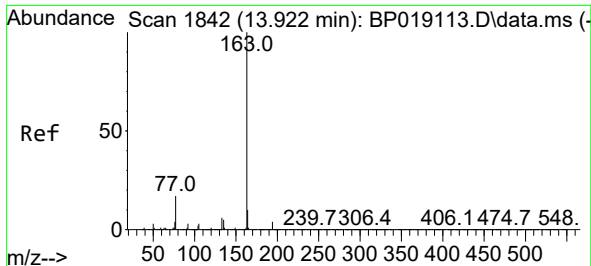
Tgt Ion:162 Resp: 397307
Ion Ratio Lower Upper
162 100
164 33.0 26.2 39.4
127 35.3 28.8 43.2



#45
2-Nitroaniline
Concen: 17.227 ng/ul
RT: 13.540 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion: 65 Resp: 99721
Ion Ratio Lower Upper
65 100
92 75.4 60.2 90.4
138 109.5 92.9 139.3





#47

Dimethylphthalate

Concen: 16.925 ng/ul

RT: 13.922 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

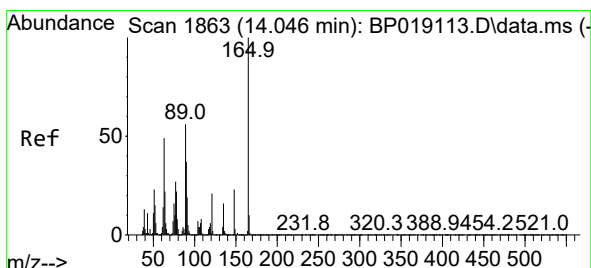
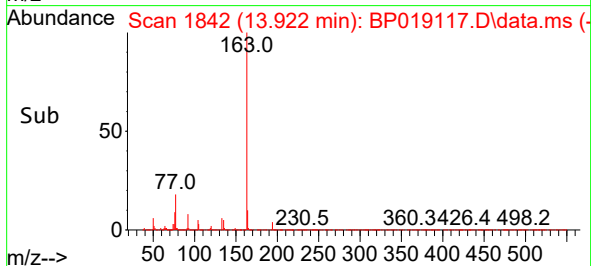
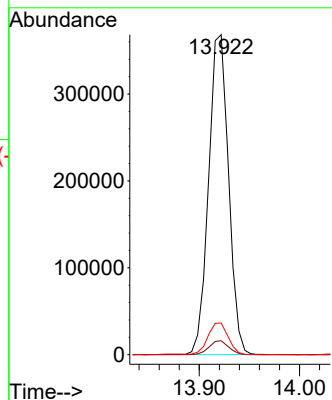
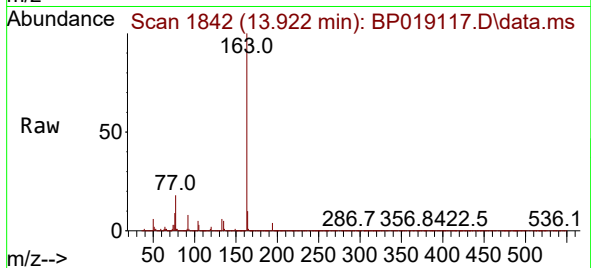
Tgt Ion:163 Resp: 508350

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.9 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 19.011 ng/ul

RT: 14.040 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

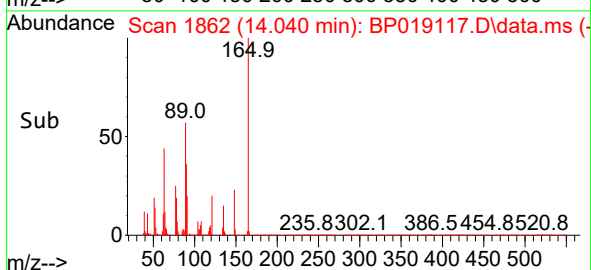
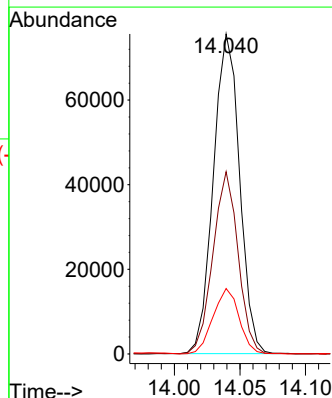
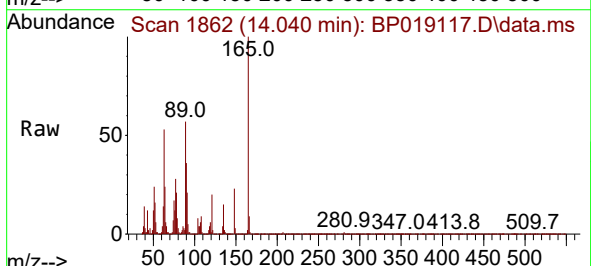
Tgt Ion:165 Resp: 104927

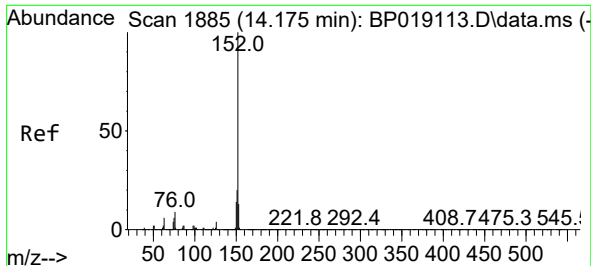
Ion Ratio Lower Upper

165 100

89 57.0 45.1 67.7

121 20.5 16.7 25.1

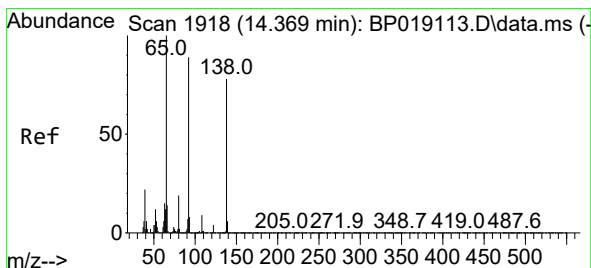
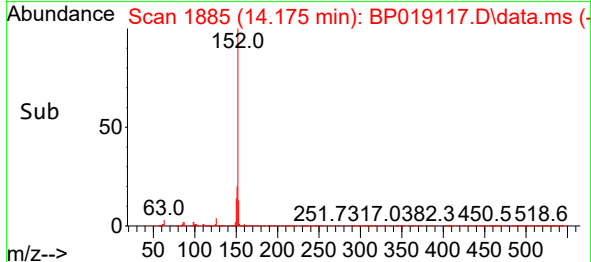
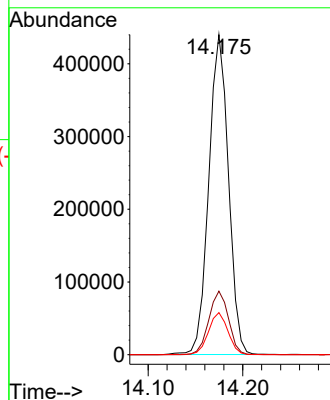
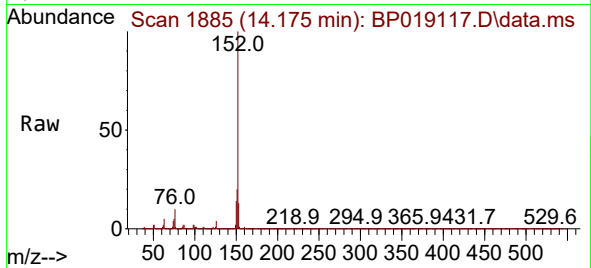




#50
Acenaphthylene
Concen: 17.013 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

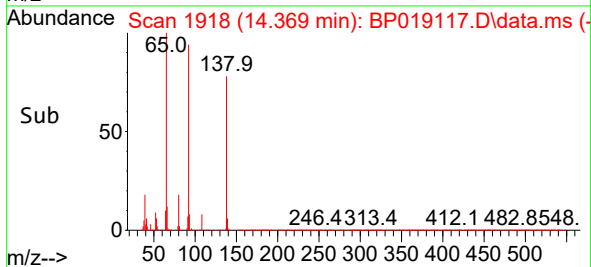
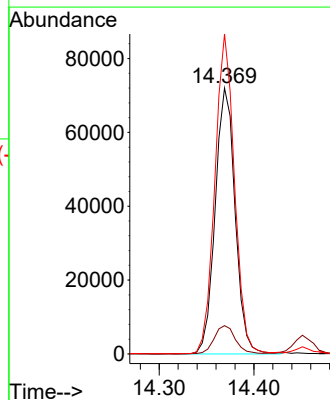
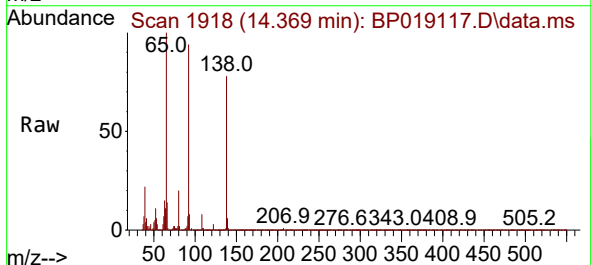
Instrument :
BNA_F
ClientSampleId :

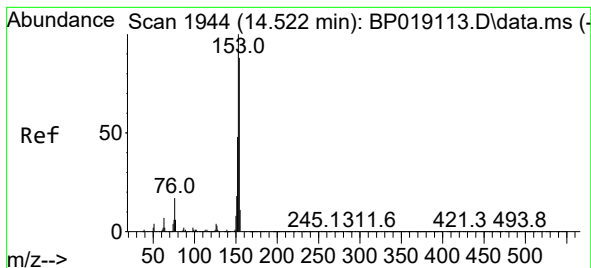
Tgt Ion:152 Resp: 631963
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 19.583 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:138 Resp: 105662
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 120.3 91.9 137.9





#52

Acenaphthene

Concen: 16.260 ng/ul

RT: 14.516 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

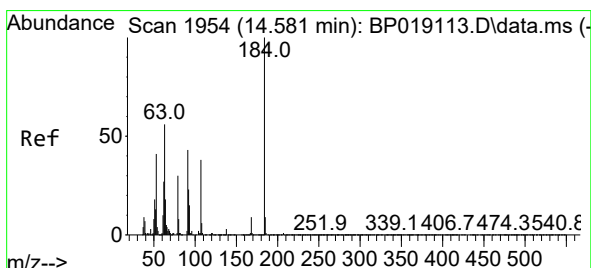
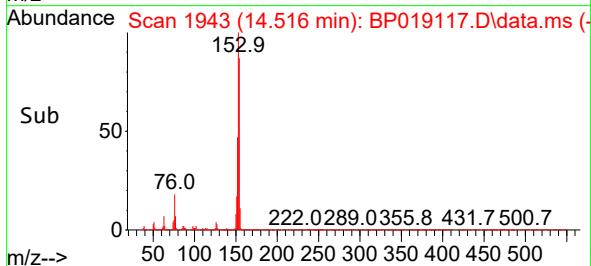
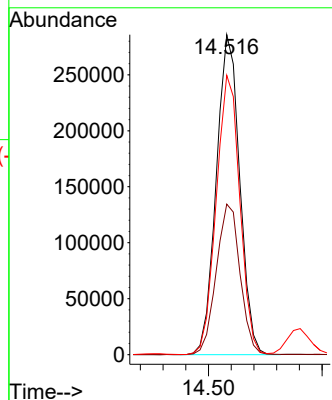
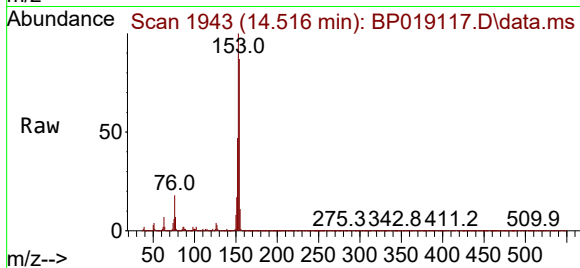
Tgt Ion:153 Resp: 409347

Ion Ratio Lower Upper

153 100

152 47.0 38.1 57.1

154 87.3 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 16.055 ng/ul

RT: 14.581 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

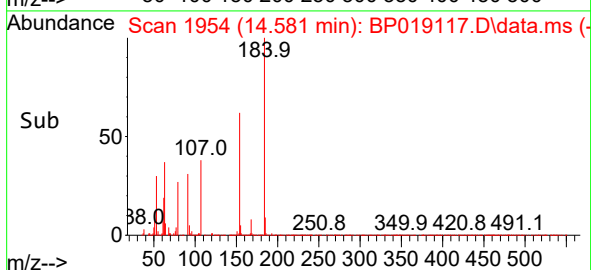
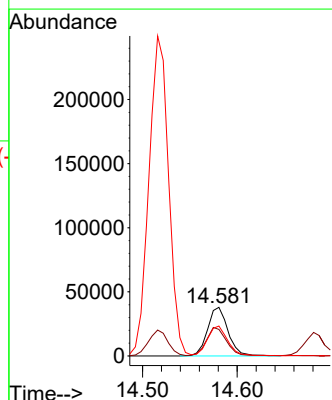
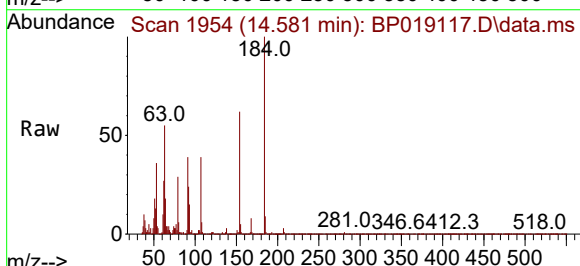
Tgt Ion:184 Resp: 57087

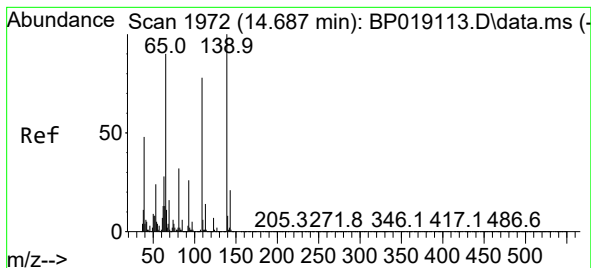
Ion Ratio Lower Upper

184 100

63 54.6 48.5 72.7

154 61.6 49.3 73.9

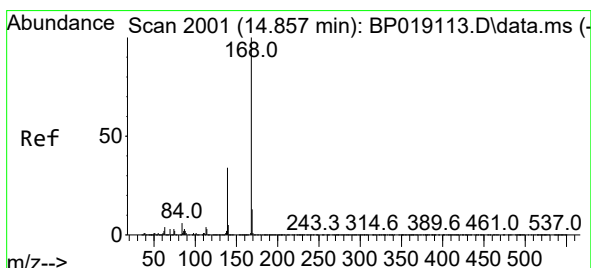
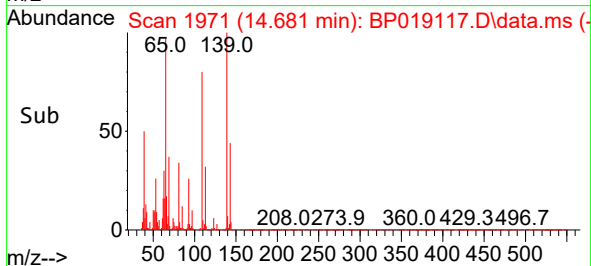
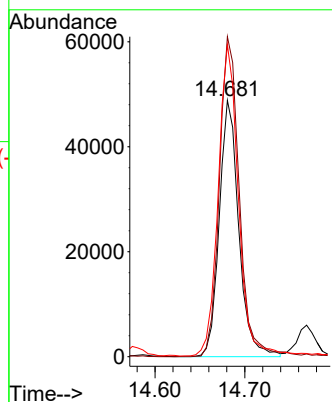
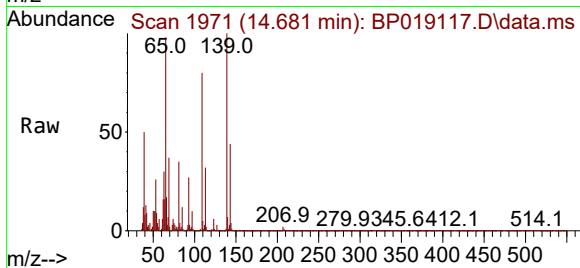




#55
4-Nitrophenol
Concen: 17.932 ng/ul
RT: 14.681 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

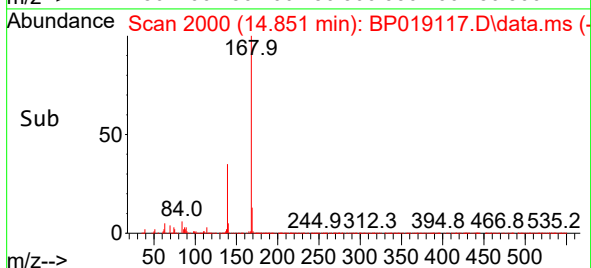
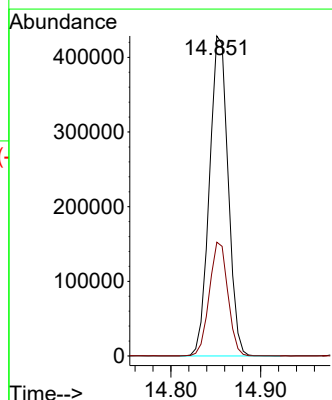
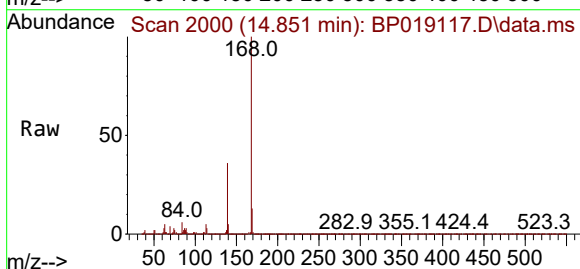
Instrument :
BNA_F
ClientSampleId :

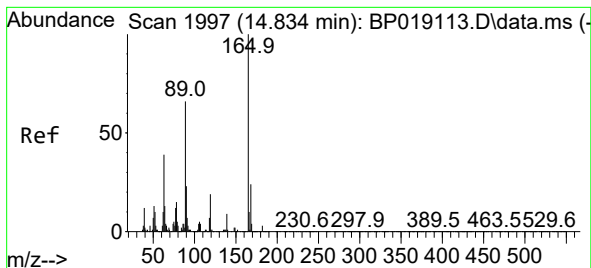
Tgt Ion:109 Resp: 73632
Ion Ratio Lower Upper
109 100
139 124.9 102.6 154.0
65 121.8 92.9 139.3



#56
Dibenzofuran
Concen: 17.209 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:168 Resp: 618689
Ion Ratio Lower Upper
168 100
139 35.6 27.4 41.0





#57

2,4-Dinitrotoluene

Concen: 17.709 ng/ul

RT: 14.828 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

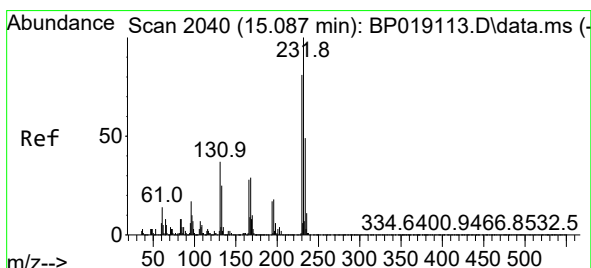
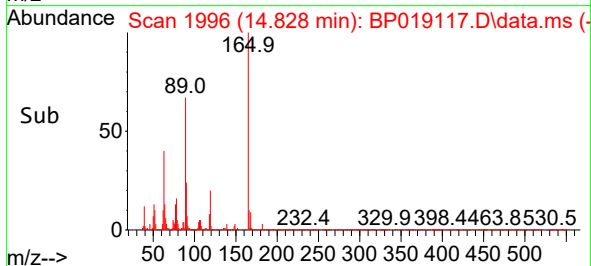
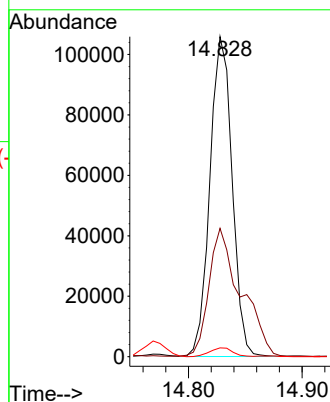
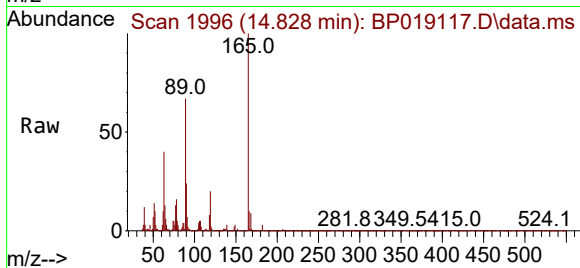
Tgt Ion:165 Resp: 143742

Ion Ratio Lower Upper

165 100

63 40.1 31.5 47.3

182 2.7 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.732 ng/ul

RT: 15.081 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Tgt Ion:232 Resp: 147094

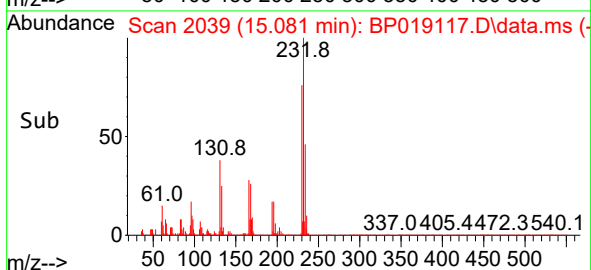
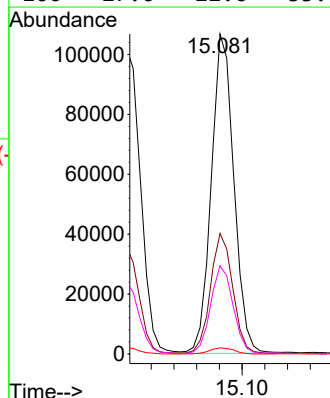
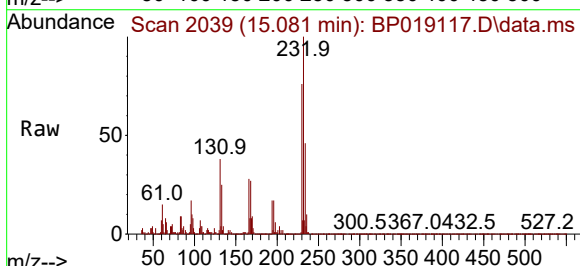
Ion Ratio Lower Upper

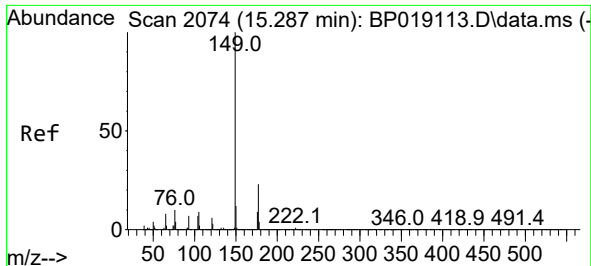
232 100

131 37.6 29.3 43.9

130 1.9 1.4 2.2

166 27.6 22.6 33.8

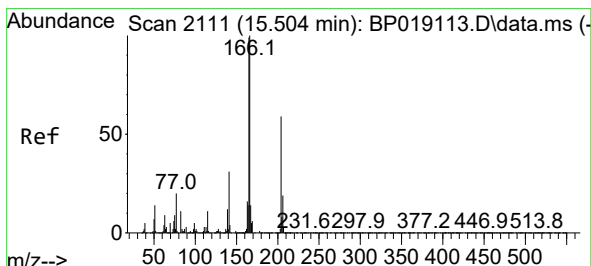
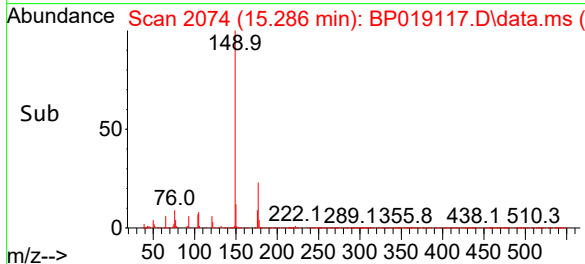
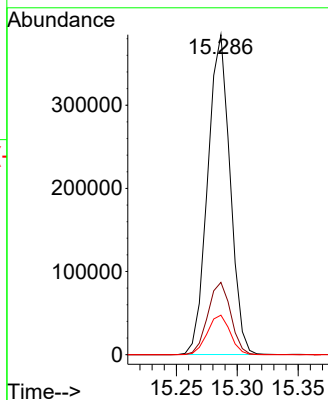
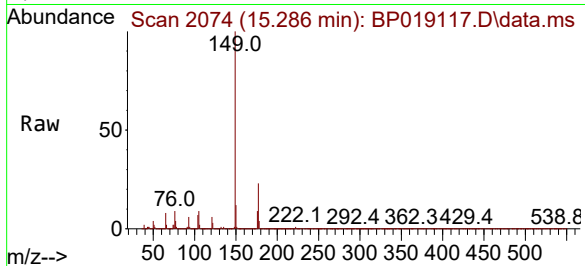




#59
Diethylphthalate
Concen: 16.873 ng/ul
RT: 15.286 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

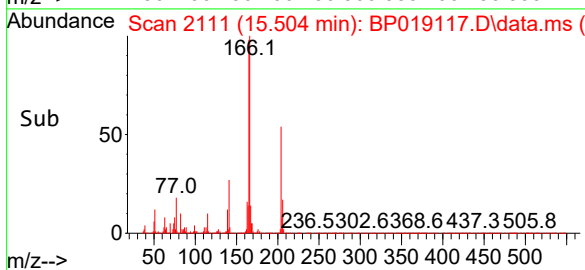
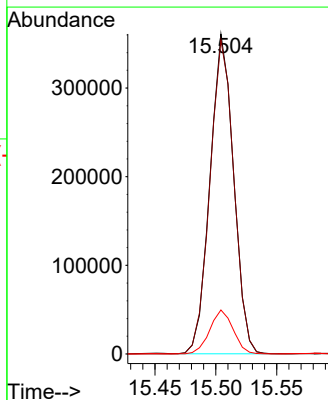
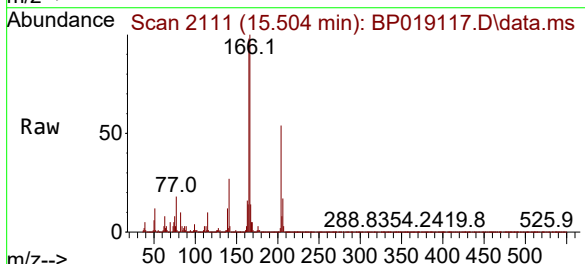
Instrument :
BNA_F
ClientSampleId :

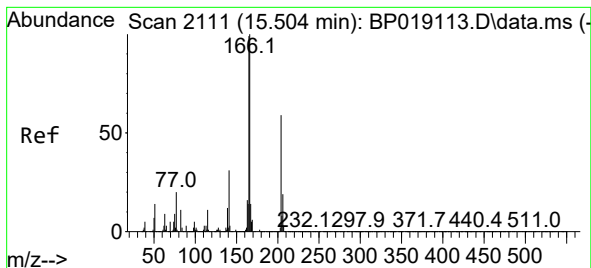
Tgt Ion:149 Resp: 491367
Ion Ratio Lower Upper
149 100
177 22.6 18.7 28.1
150 12.3 9.8 14.8



#61
Fluorene
Concen: 16.903 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:166 Resp: 486409
Ion Ratio Lower Upper
166 100
165 98.0 79.3 118.9
167 13.8 11.0 16.4

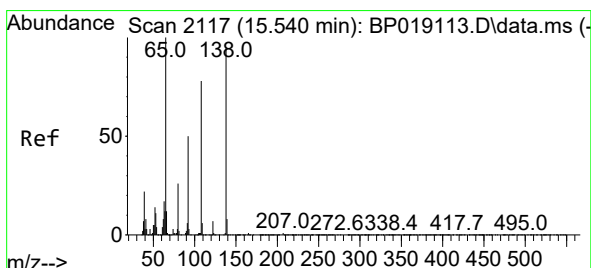
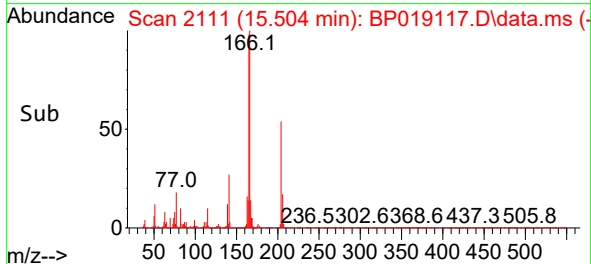
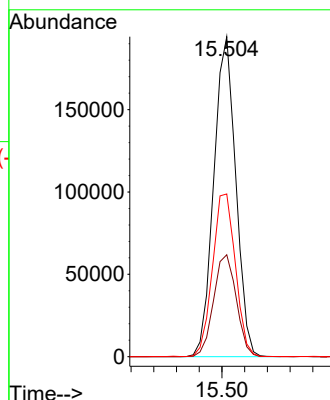
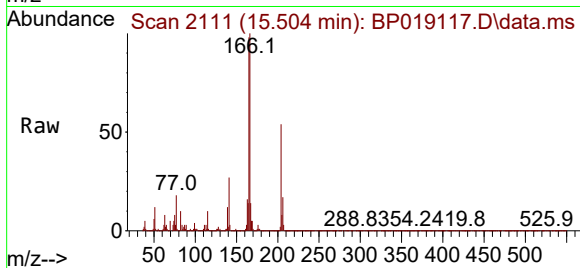




#62
4-Chlorophenyl-phenylether
Concen: 16.636 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

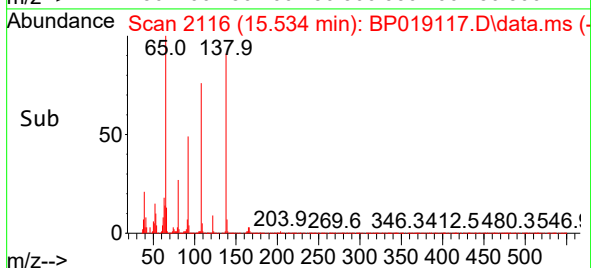
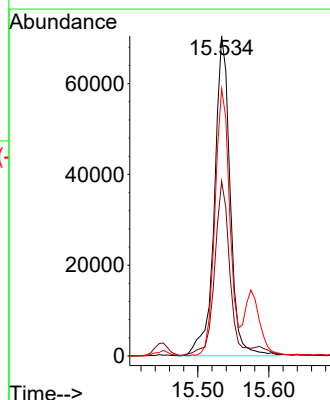
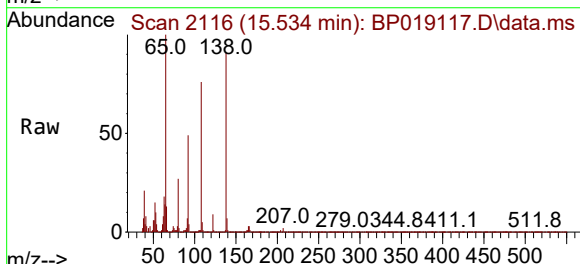
Instrument :
BNA_F
ClientSampleId :

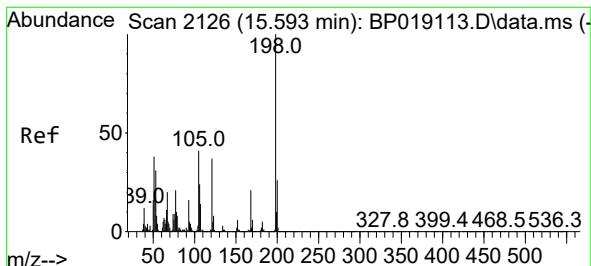
Tgt Ion:204 Resp: 261433
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 50.9 42.2 63.2



#63
4-Nitroaniline
Concen: 19.990 ng/ul
RT: 15.534 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:138 Resp: 108520
Ion Ratio Lower Upper
138 100
92 54.6 42.2 63.4
108 83.5 66.2 99.4

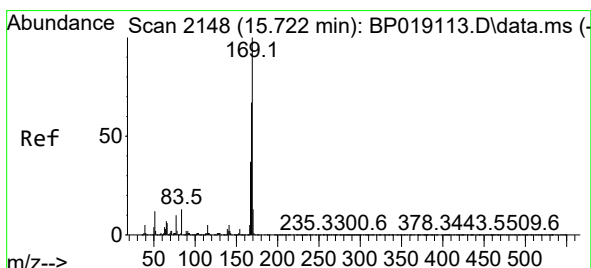
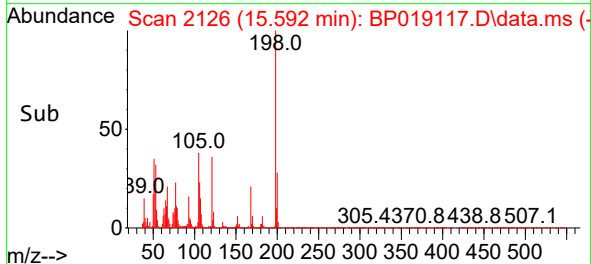
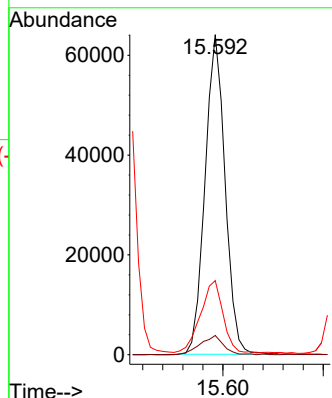
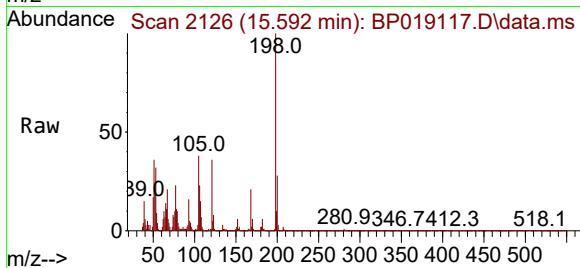




#66
4,6-Dinitro-2-methylphenol
Concen: 15.574 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

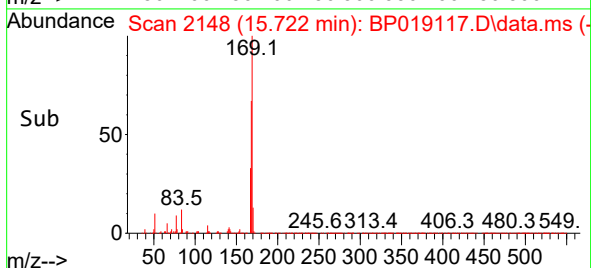
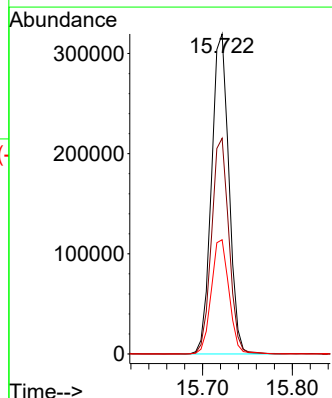
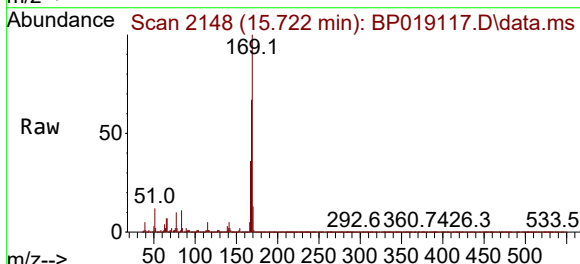
Instrument :
BNA_F
ClientSampleId :

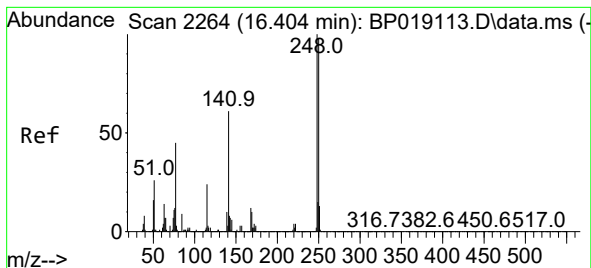
Tgt Ion:198 Resp: 88894
Ion Ratio Lower Upper
198 100
182 6.0 4.0 6.0#
77 23.2 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 17.116 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:169 Resp: 429542
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 35.7 29.5 44.3

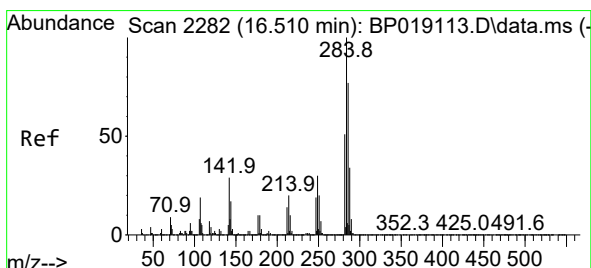
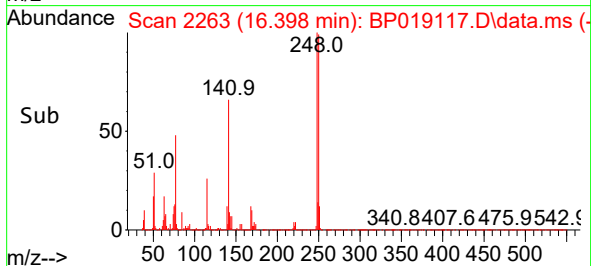
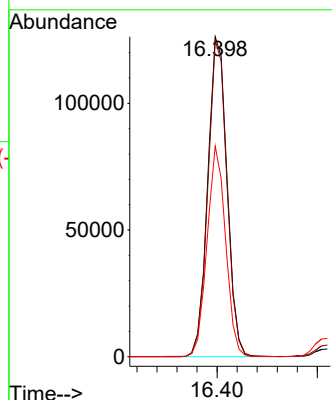
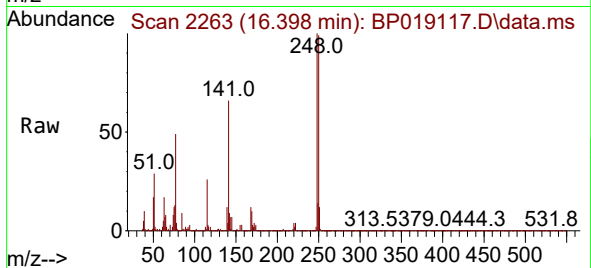




#68
4-Bromophenyl-phenylether
Concen: 16.533 ng/ul
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

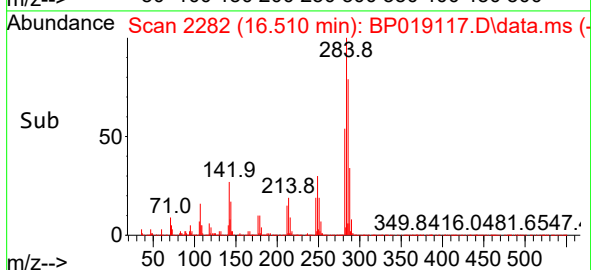
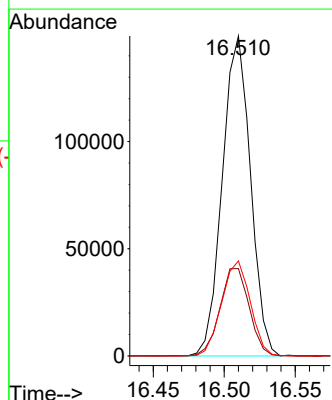
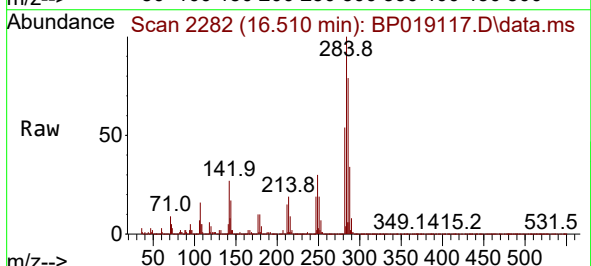
Instrument :
BNA_F
ClientSampleId :

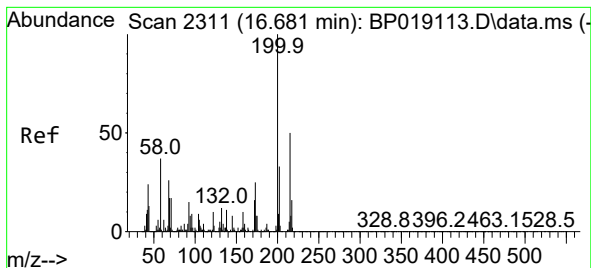
Tgt Ion:248 Resp: 168976
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 65.8 48.6 72.8



#69
Hexachlorobenzene
Concen: 16.464 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:284 Resp: 205647
Ion Ratio Lower Upper
284 100
142 27.3 22.9 34.3
249 29.7 23.7 35.5





#70

Atrazine

Concen: 22.880 ng/ul

RT: 16.681 min Scan# 2311

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

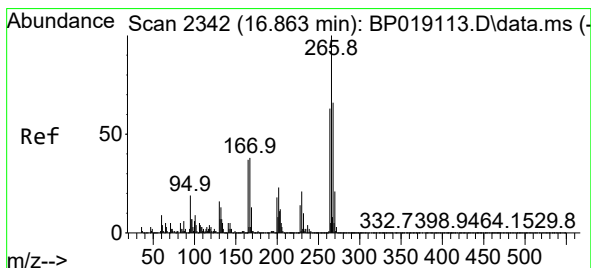
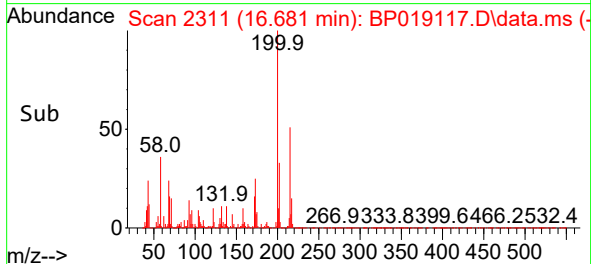
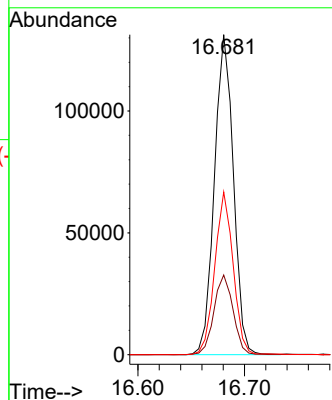
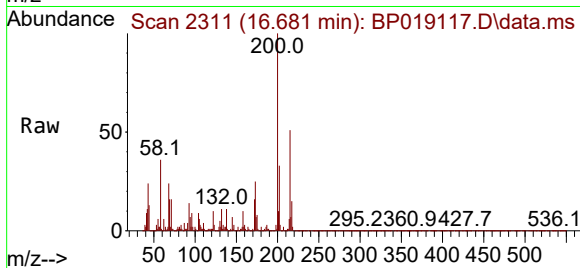
Tgt Ion:200 Resp: 162048

Ion Ratio Lower Upper

200 100

173 24.9 20.2 30.2

215 50.9 39.9 59.9



#71

Pentachlorophenol

Concen: 15.965 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

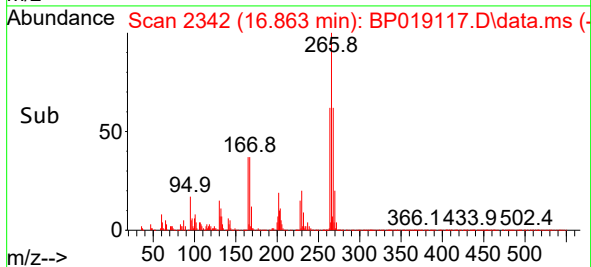
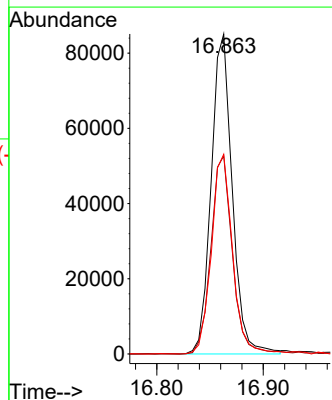
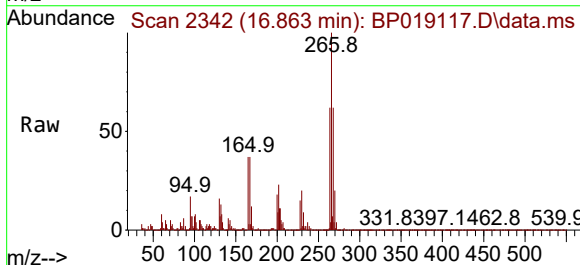
Tgt Ion:266 Resp: 117079

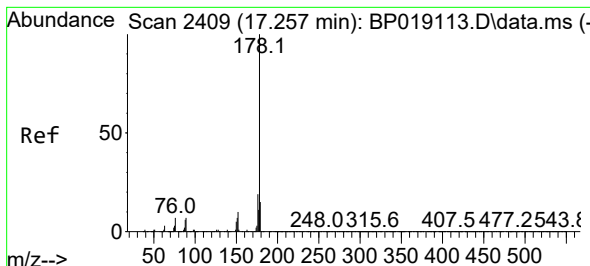
Ion Ratio Lower Upper

266 100

264 61.9 50.0 75.0

268 62.4 52.8 79.2





#72

Phenanthrene

Concen: 16.244 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

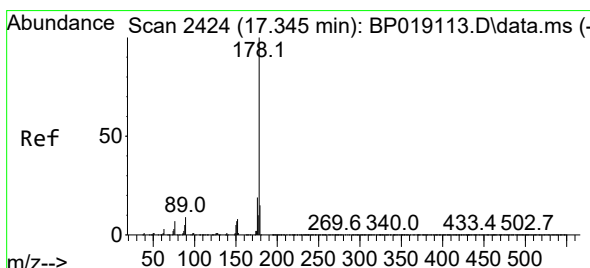
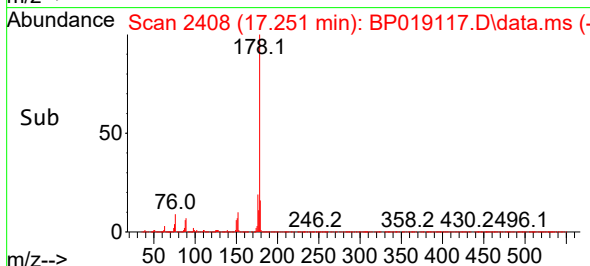
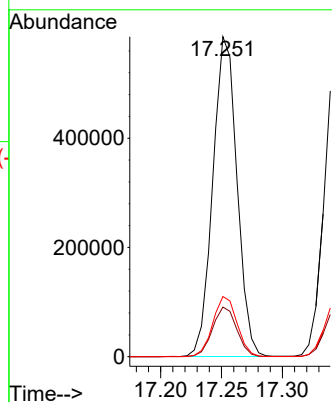
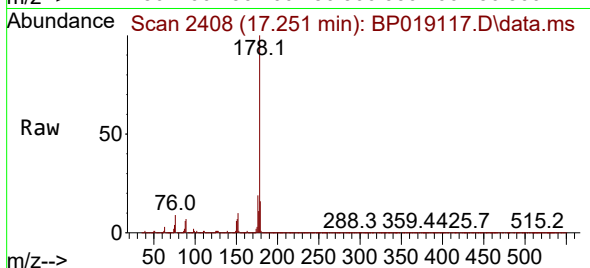
Tgt Ion:178 Resp: 809509

Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

176 18.8 15.0 22.6



#74

Anthracene

Concen: 16.332 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

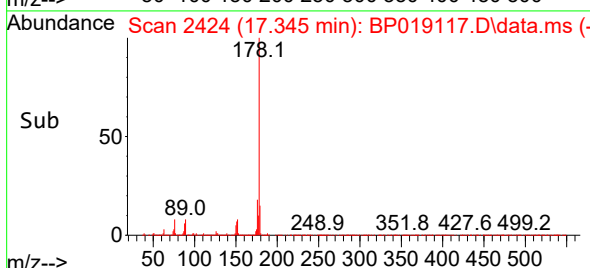
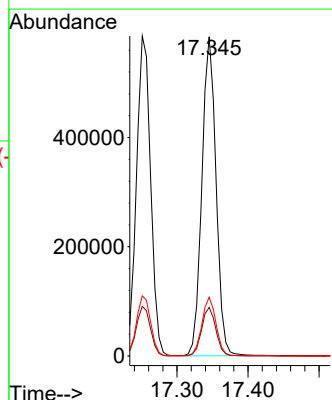
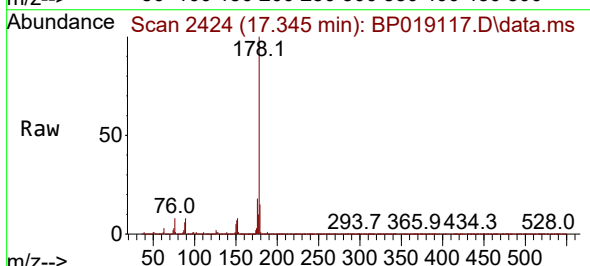
Tgt Ion:178 Resp: 810235

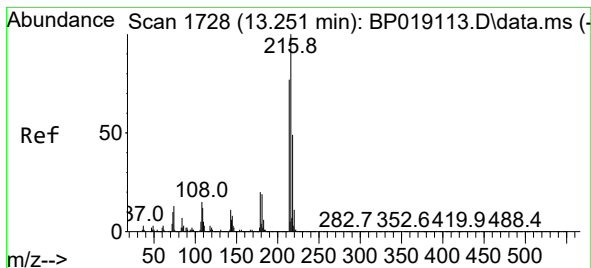
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.4 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.308 ng/uL

RT: 13.245 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

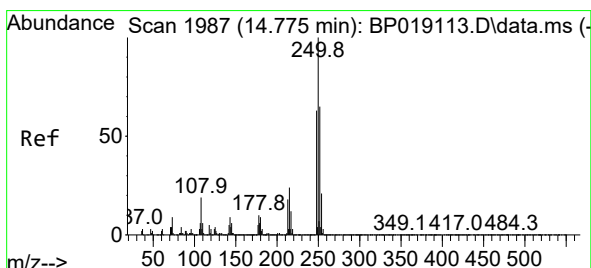
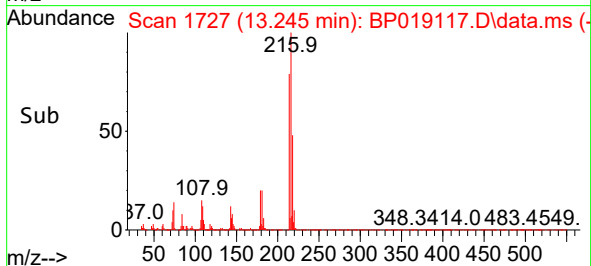
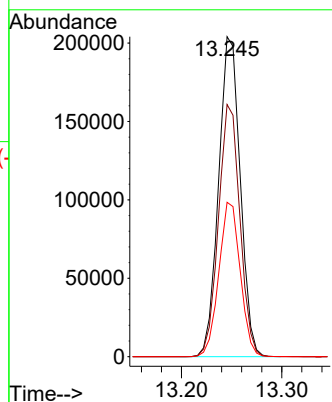
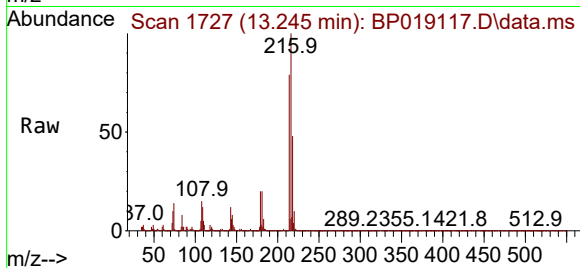
Tgt Ion:216 Resp: 304651

Ion Ratio Lower Upper

216 100

214 78.8 61.6 92.4

218 48.3 38.9 58.3



#76

Pentachlorobenzene

Concen: 16.433 ng/uL

RT: 14.769 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

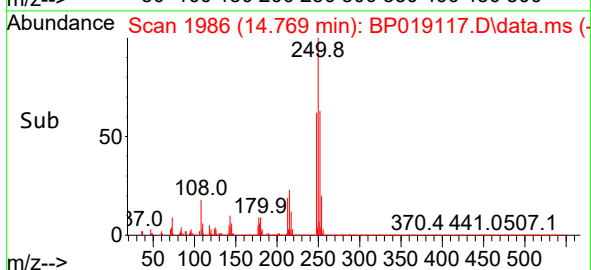
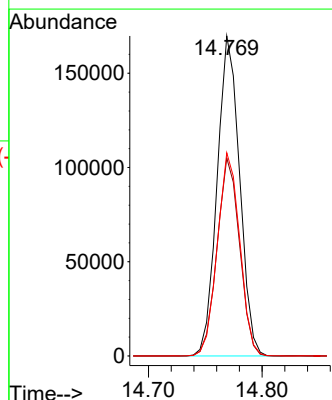
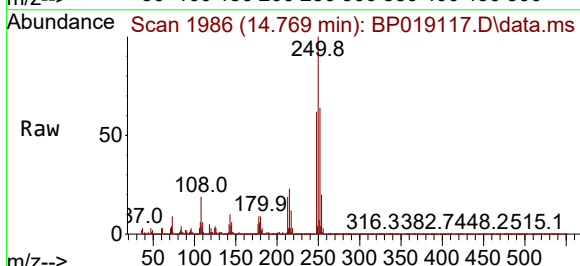
Tgt Ion:250 Resp: 233476

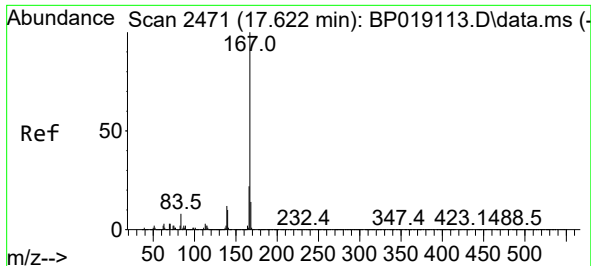
Ion Ratio Lower Upper

250 100

248 61.8 50.4 75.6

252 63.5 52.1 78.1

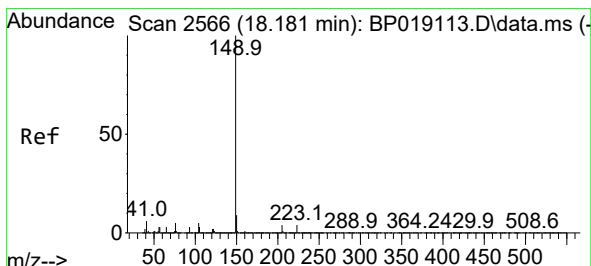
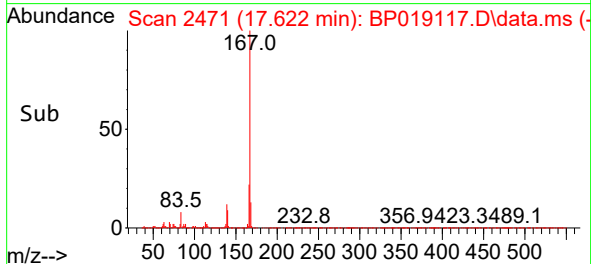
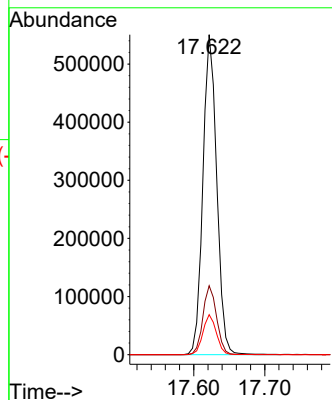
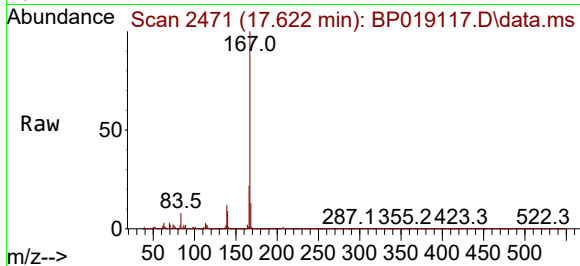




#77
 Carbazole
 Concen: 18.118 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BP019117.D
 Acq: 27 Dec 2023 16:40

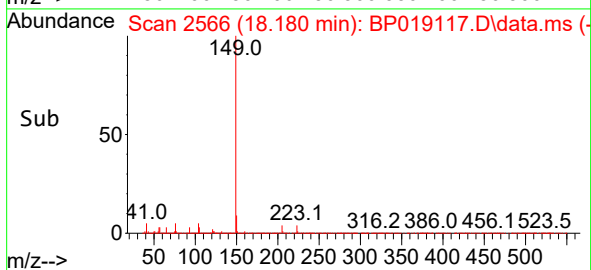
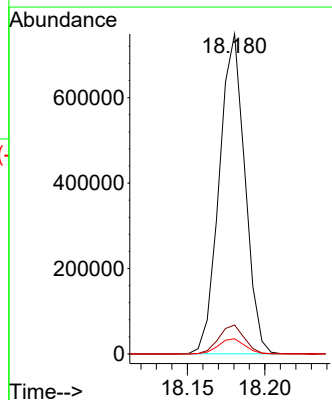
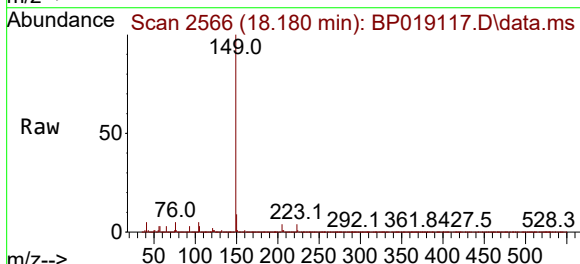
Instrument :
 BNA_F
 ClientSampleId :

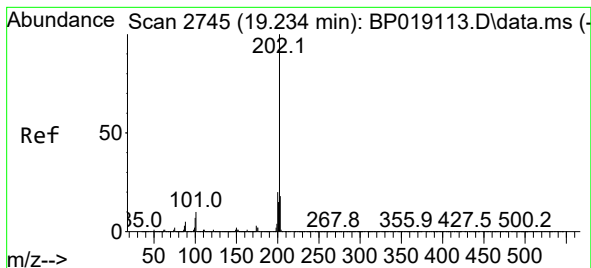
Tgt Ion:167 Resp: 747688
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.5 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 16.853 ng/ul
 RT: 18.180 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BP019117.D
 Acq: 27 Dec 2023 16:40

Tgt Ion:149 Resp: 862539
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.7 3.9 5.9





#80

Fluoranthene

Concen: 16.279 ng/ul

RT: 19.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

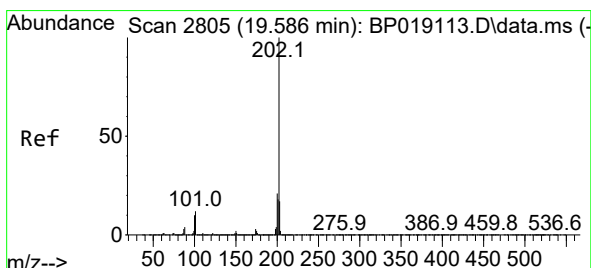
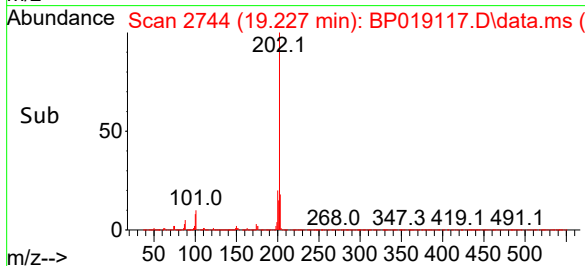
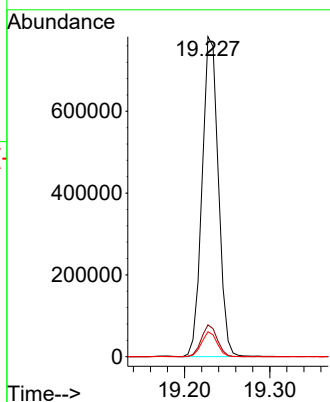
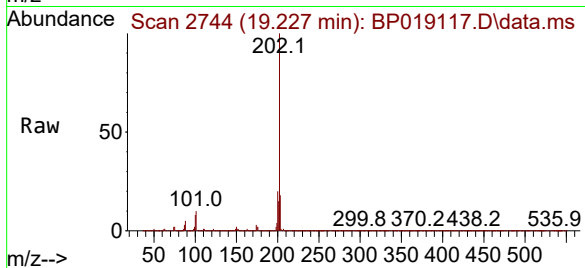
Tgt Ion:202 Resp: 1037515

Ion Ratio Lower Upper

202 100

101 10.0 7.8 11.6

100 7.8 6.0 9.0



#82

Pyrene

Concen: 16.378 ng/ul

RT: 19.586 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

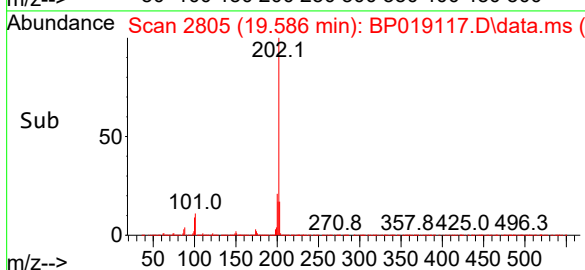
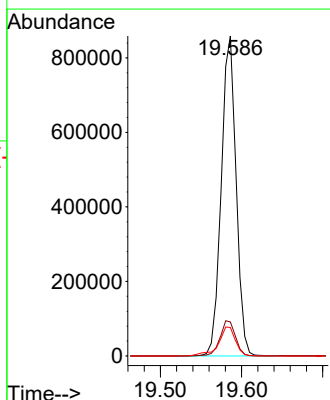
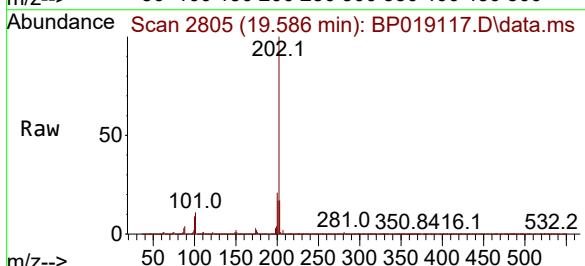
Tgt Ion:202 Resp: 1093672

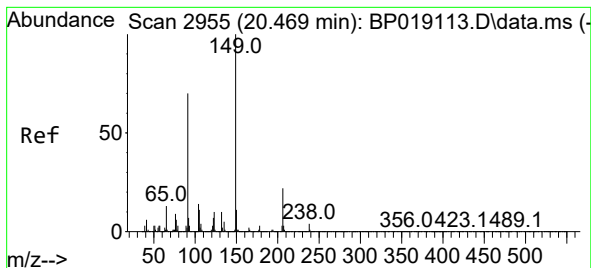
Ion Ratio Lower Upper

202 100

101 10.6 9.2 13.8

100 8.9 7.8 11.6





#83

Butylbenzylphthalate

Concen: 16.827 ng/ul

RT: 20.469 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

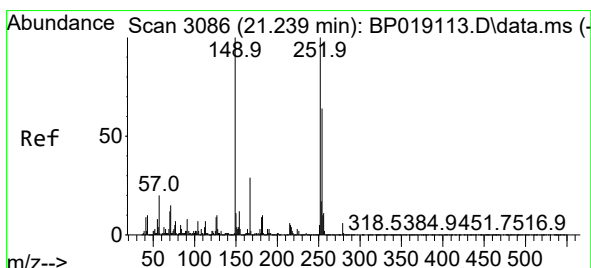
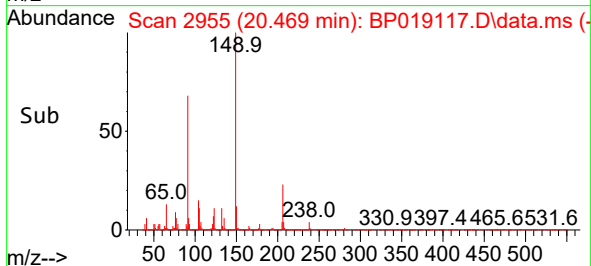
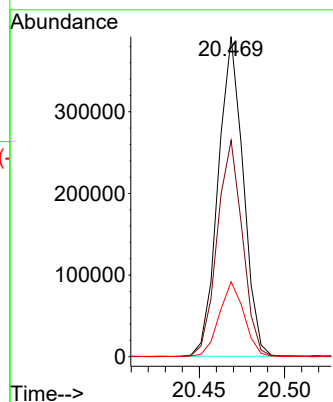
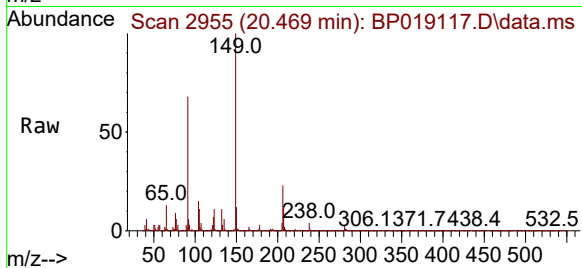
Tgt Ion:149 Resp: 401377

Ion Ratio Lower Upper

149 100

91 67.6 55.6 83.4

206 23.4 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 19.600 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

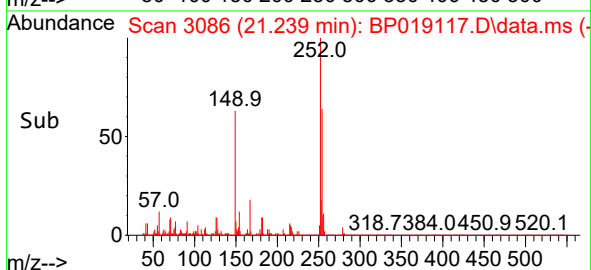
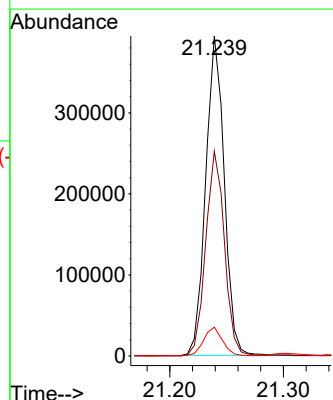
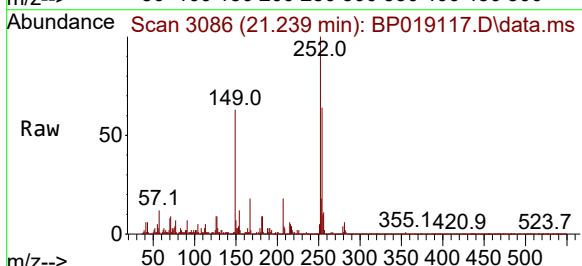
Tgt Ion:252 Resp: 446846

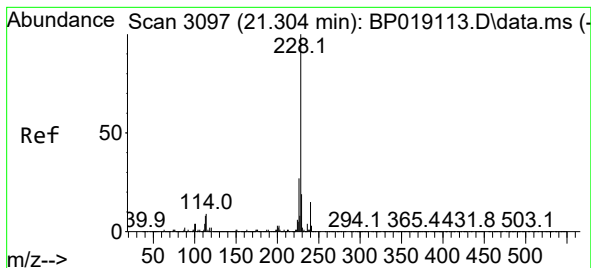
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 9.0 7.6 11.4





#85

Benzo(a)anthracene

Concen: 16.278 ng/ul

RT: 21.298 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

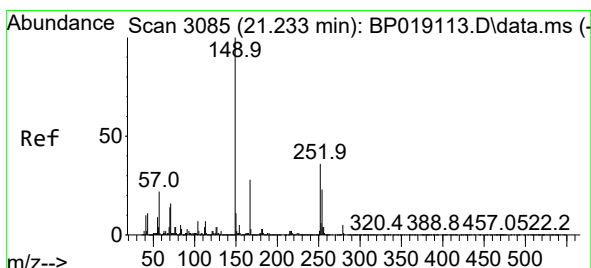
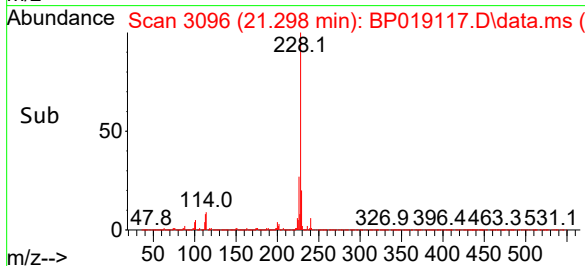
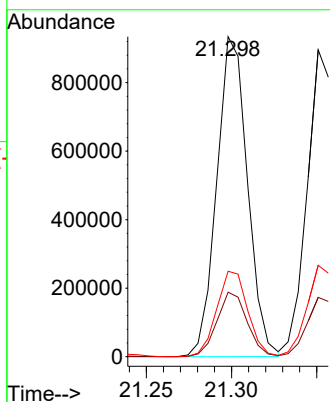
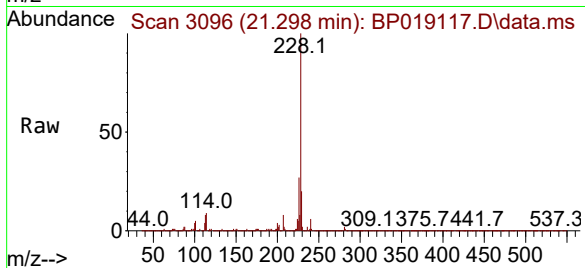
Tgt Ion:228 Resp: 1172089

Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

226 26.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.145 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

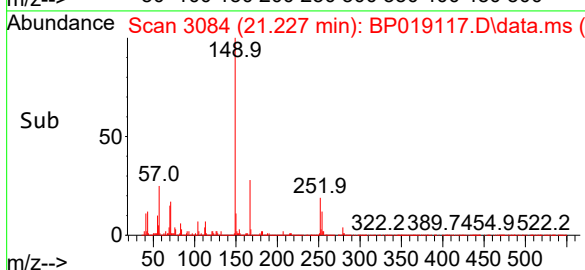
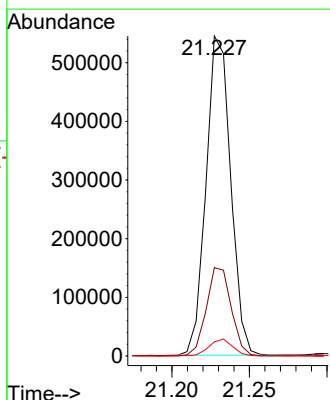
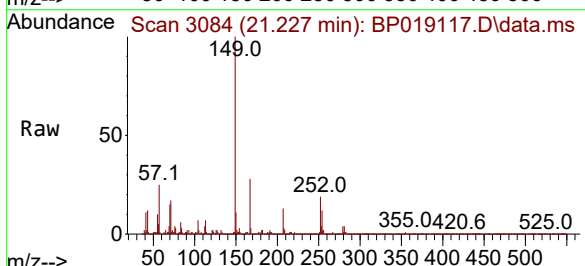
Tgt Ion:149 Resp: 602199

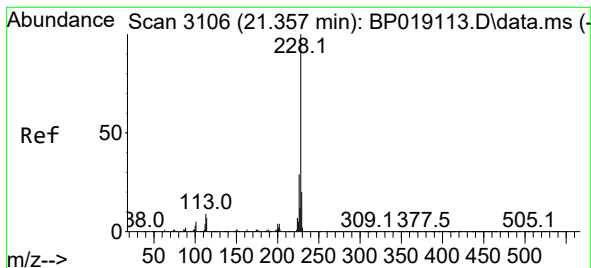
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.4 4.0 6.0





#87

Chrysene

Concen: 16.119 ng/ul

RT: 21.351 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

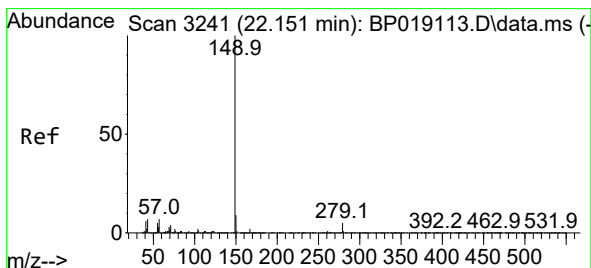
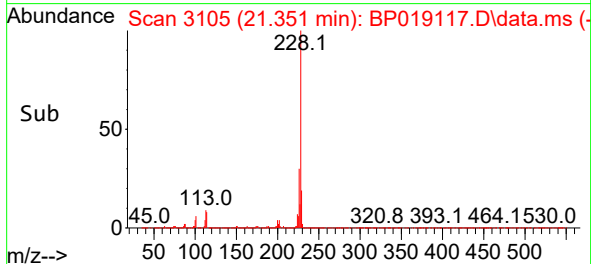
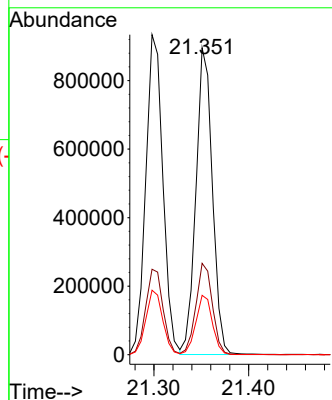
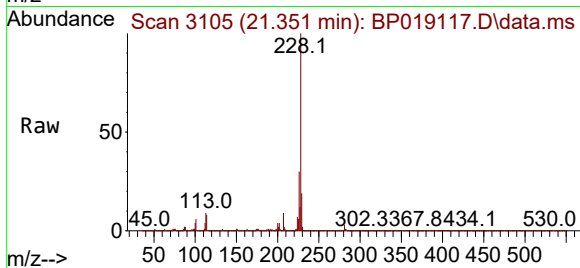
Tgt Ion:228 Resp: 1082326

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 16.859 ng/ul

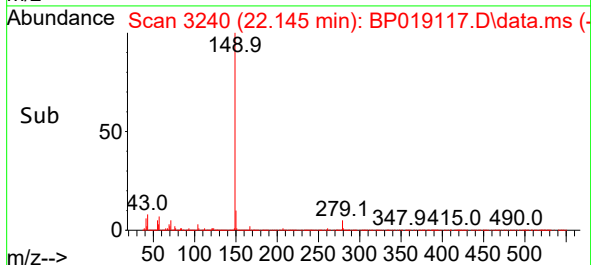
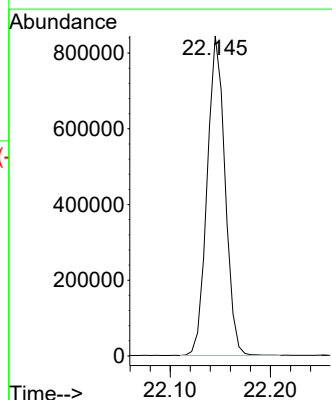
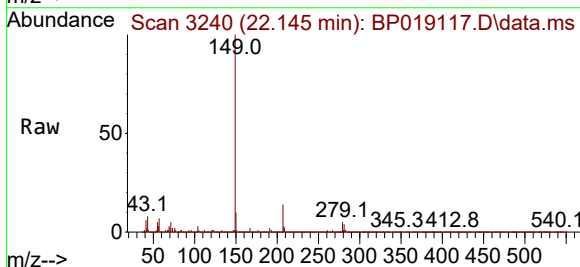
RT: 22.145 min Scan# 3240

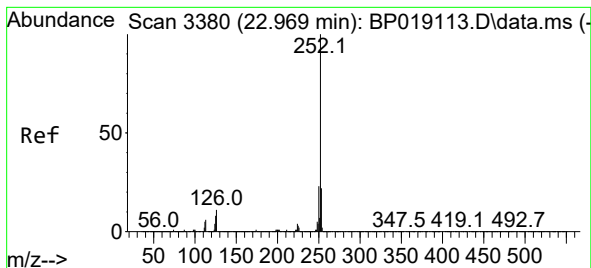
Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Tgt Ion:149 Resp: 1047377





#90

Benzo(b)fluoranthene

Concen: 16.395 ng/ul

RT: 22.963 min Scan# 3379

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

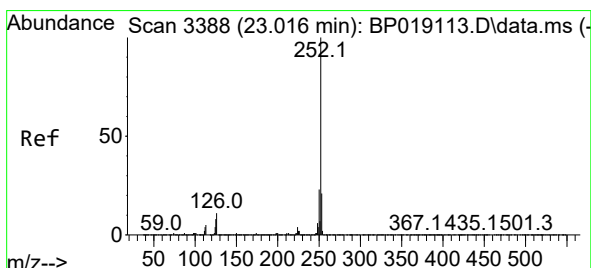
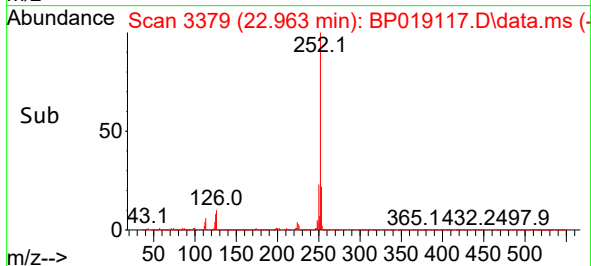
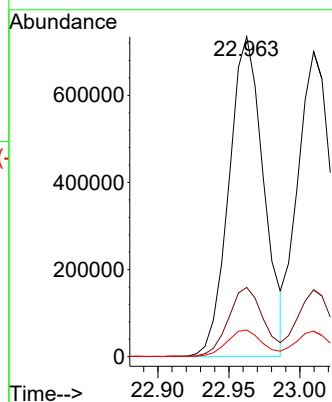
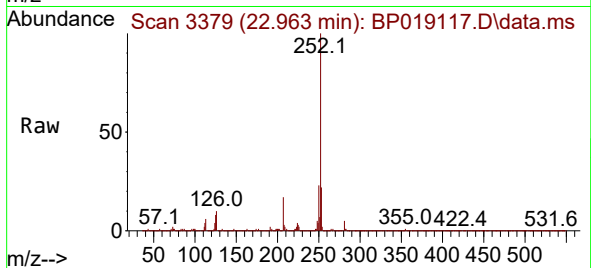
Tgt Ion:252 Resp: 1251091

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.4 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 15.449 ng/ul

RT: 23.010 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

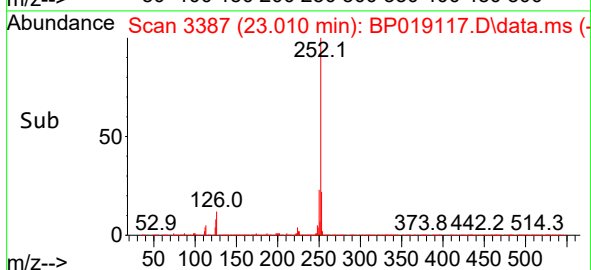
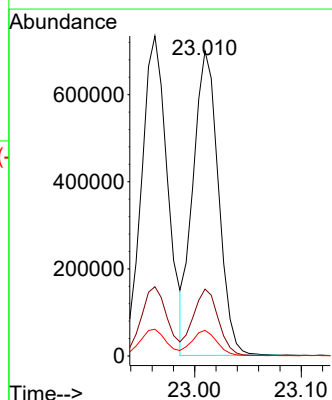
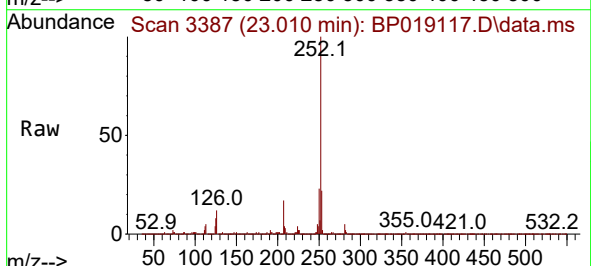
Tgt Ion:252 Resp: 1158397

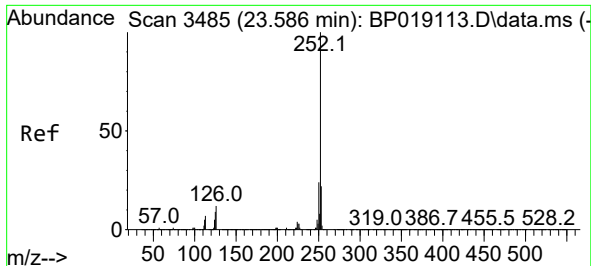
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.4 6.7 10.1

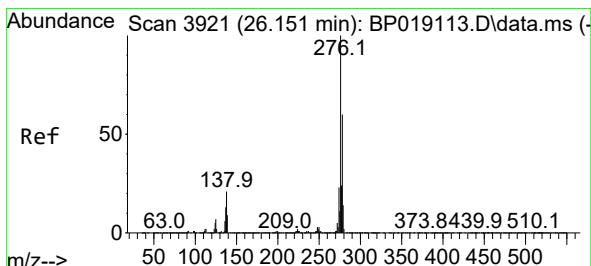
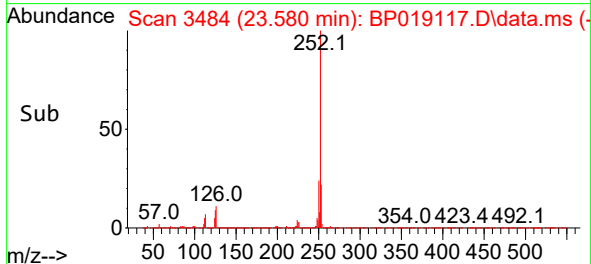
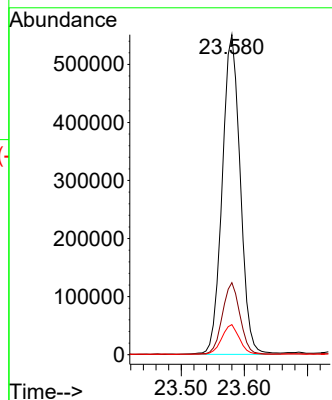
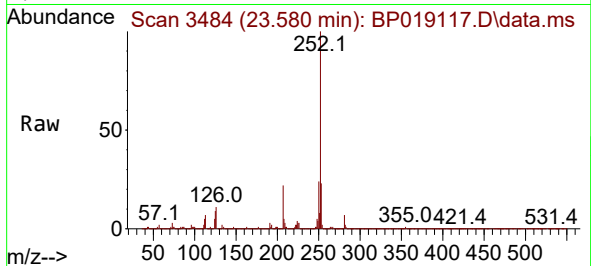




#93
Benzo(a)pyrene
Concen: 15.198 ng/ul
RT: 23.580 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

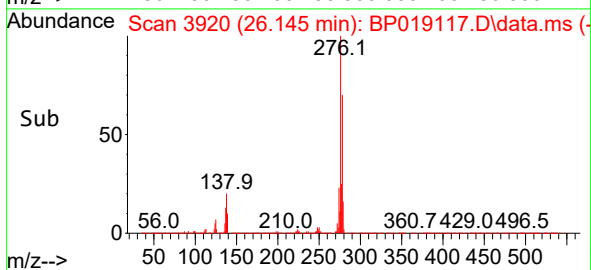
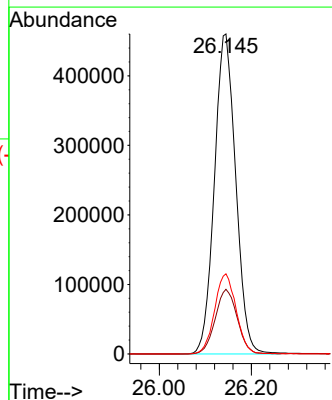
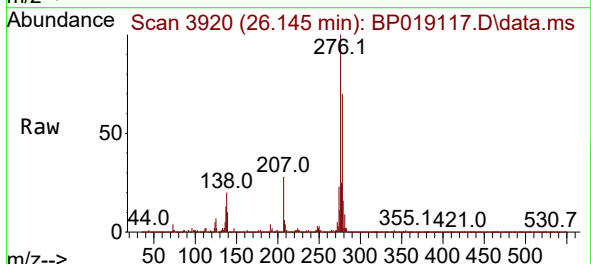
Instrument :
BNA_F
ClientSampleId :

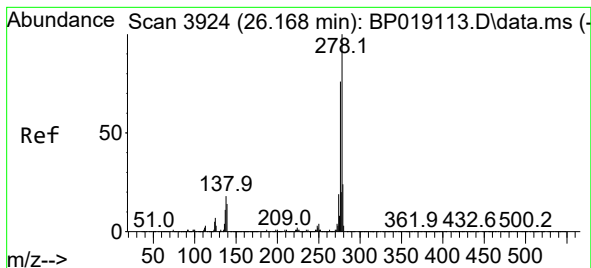
Tgt Ion:252 Resp: 1091540
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.4 7.4 11.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 16.021 ng/ul
RT: 26.145 min Scan# 3920
Delta R.T. -0.006 min
Lab File: BP019117.D
Acq: 27 Dec 2023 16:40

Tgt Ion:276 Resp: 1475058
Ion Ratio Lower Upper
276 100
138 20.2 16.6 25.0
277 25.0 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 16.050 ng/ul

RT: 26.162 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Instrument :

BNA_F

ClientSampleId :

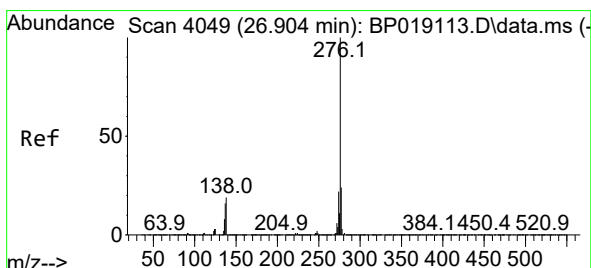
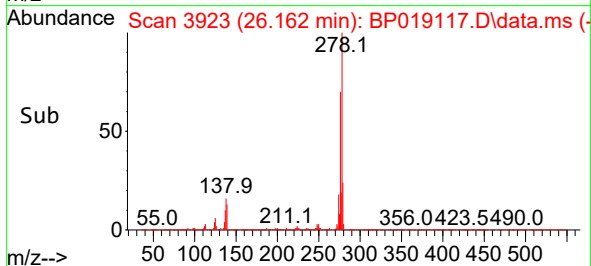
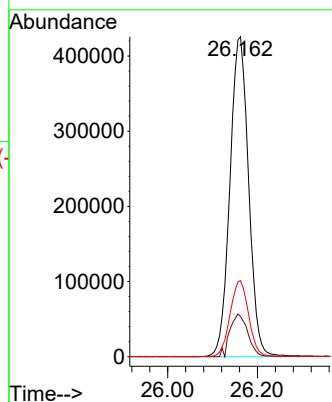
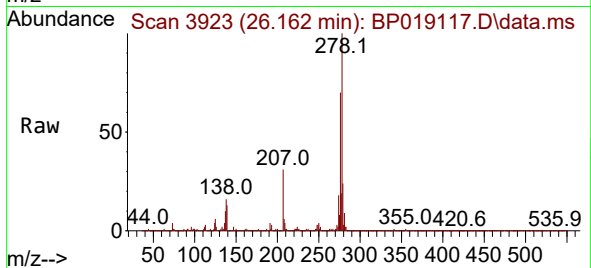
Tgt Ion:278 Resp: 1229343

Ion Ratio Lower Upper

278 100

139 12.6 11.0 16.4

279 23.8 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 16.097 ng/ul

RT: 26.898 min Scan# 4048

Delta R.T. -0.006 min

Lab File: BP019117.D

Acq: 27 Dec 2023 16:40

Tgt Ion:276 Resp: 1187707

Ion Ratio Lower Upper

276 100

138 17.2 15.2 22.8

277 23.7 19.4 29.0

