

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019112.D
 Acq On : 27 Dec 2023 13:07
 Operator : MA/JU
 Sample : SST01071
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 02:27:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 02:21:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	150070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	570215	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	351729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	818237	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	946570	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1135365	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	16723	3.822	ng/uL	0.00
4) Pyridine-d5	3.658	84	110030	9.977	ng/ul	0.00
7) Phenol-d5	6.987	99	125395	9.318	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	76650	9.845	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	99461	9.167	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	95796	9.143	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	43016	8.727	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	45630	8.566	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	96296	8.952	ng/ul	0.00
31) 4-Chloroaniline-d4	10.752	131	130475	9.861	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	287856	9.265	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	312634	9.274	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	45252	8.626	ng/ul	0.00
60) Fluorene-d10	15.451	176	253129	9.431	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	41142	7.670	ng/ul	0.00
73) Anthracene-d10	17.310	188	406046	9.502	ng/ul	0.00
81) Pyrene-d10	19.557	212	528341	9.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	602365	9.230	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	18849	3.902	ng/uL	99
5) Pyridine	3.675	79	113846	10.169	ng/ul	92
6) Benzaldehyde	6.952	77	73546	11.770	ng/ul	98
8) Phenol	7.011	94	128165	9.642	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	105895	9.846	ng/ul	98
12) 2-Chlorophenol	7.369	128	102198	9.203	ng/ul	97
13) 2-Methylphenol	8.263	108	90519	9.205	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	127432	10.044	ng/ul	97
16) Acetophenone	8.640	105	152459	9.716	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.622	70	70811	9.049	ng/ul	97
18) 4-Methylphenol	8.593	108	98999	9.353	ng/ul	98
19) Hexachloroethane	8.881	117	42612	9.149	ng/ul	93
22) Nitrobenzene	9.016	77	111725	9.278	ng/ul	97
23) Isophorone	9.540	82	194773	8.969	ng/ul	98
25) 2-Nitrophenol	9.722	139	49620	8.724	ng/ul	98
26) 2,4-Dimethylphenol	9.793	107	92127	9.200	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.028	93	133632	9.310	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	96284	9.159	ng/ul	99
30) Naphthalene	10.657	128	326704	9.503	ng/ul	99
32) 4-Chloroaniline	10.775	127	127127	10.013	ng/ul	98
33) Hexachlorobutadiene	10.940	225	75078	9.280	ng/ul	99
34) Caprolactam	11.563	113	21988	7.992	ng/ul	98
35) 4-Chloro-3-methylphenol	11.904	107	93134	9.025	ng/ul	97
36) 2-Methylnaphthalene	12.269	142	212807	9.181	ng/ul	99

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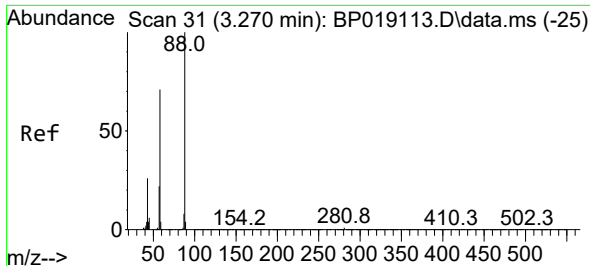
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	213503	9.134	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	131887	9.104	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	69854	8.688	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	76824	8.886	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	82470	8.987	ng/ul	95
43) 1,1'-Biphenyl	13.287	154	288470	9.402	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	230094	9.346	ng/ul	99
45) 2-Nitroaniline	13.540	65	50666	8.572	ng/ul	93
47) Dimethylphthalate	13.916	163	287615	9.379	ng/ul	98
48) 2,6-Dinitrotoluene	14.040	165	48735	8.648	ng/ul	98
50) Acenaphthylene	14.175	152	357215	9.418	ng/ul	99
51) 3-Nitroaniline	14.375	138	48740	8.847	ng/ul	99
52) Acenaphthene	14.516	153	246112	9.574	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	25336	6.979	ng/ul	94
55) 4-Nitrophenol	14.681	109	37616	8.972	ng/ul	96
56) Dibenzofuran	14.857	168	350071	9.536	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	72069	8.696	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.087	232	72173	9.002	ng/ul	99
59) Diethylphthalate	15.287	149	278113	9.353	ng/ul	99
61) Fluorene	15.504	166	282892	9.628	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	153329	9.556	ng/ul	99
63) 4-Nitroaniline	15.534	138	51324	9.510	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	45778	8.060	ng/ul#	96
67) N-Nitrosodiphenylamine	15.722	169	237802	9.523	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	94259	9.268	ng/ul	99
69) Hexachlorobenzene	16.510	284	114133	9.183	ng/ul	98
70) Atrazine	16.681	200	84096	11.933	ng/ul	96
71) Pentachlorophenol	16.863	266	58707	8.045	ng/ul	98
72) Phenanthrene	17.251	178	473202	9.543	ng/ul	99
74) Anthracene	17.345	178	472899	9.580	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	131466	9.241	ng/uL	98
76) Pentachlorobenzene	14.769	250	132002	9.337	ng/uL	98
77) Carbazole	17.622	167	423613	10.316	ng/ul	99
78) Di-n-butylphthalate	18.181	149	470593	9.241	ng/ul	100
80) Fluoranthene	19.228	202	612025	9.245	ng/ul	98
82) Pyrene	19.586	202	648201	9.346	ng/ul	99
83) Butylbenzylphthalate	20.469	149	214973	8.677	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	225238	9.512	ng/ul	99
85) Benzo(a)anthracene	21.298	228	712281	9.524	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	327127	8.967	ng/ul	99
87) Chrysene	21.351	228	663211	9.510	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	567712	8.744	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	747562	9.374	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	728820	9.300	ng/ul	99
93) Benzo(a)pyrene	23.580	252	699718	9.322	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	898738	9.340	ng/ul	98
95) Dibenzo(a,h)anthracene	26.157	278	751433	9.388	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	711004	9.221	ng/ul	99

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

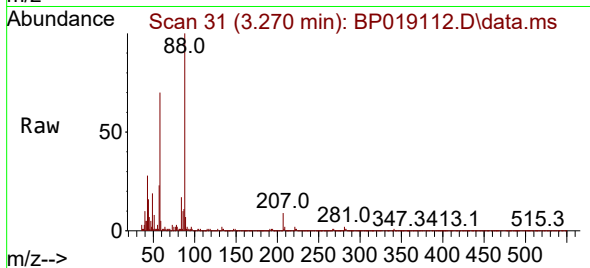
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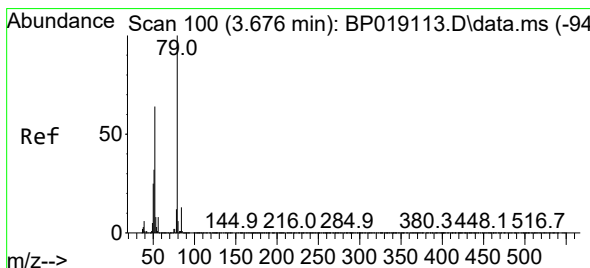
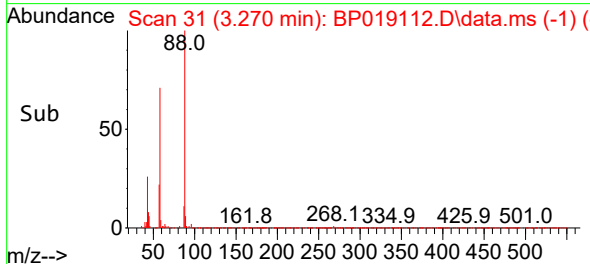
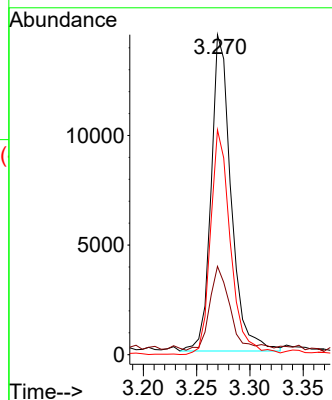
#2
1,4-Dioxane
Concen: 3.902 ng/uL
RT: 3.270 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 88 Resp: 18849

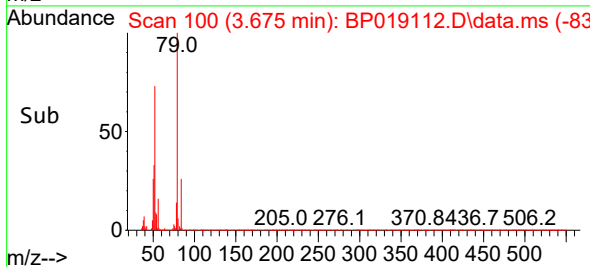
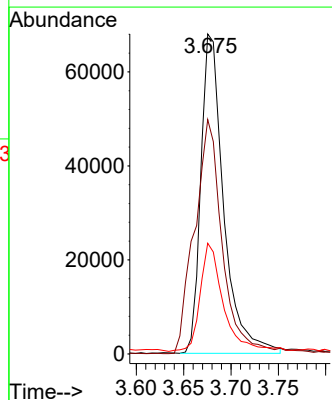
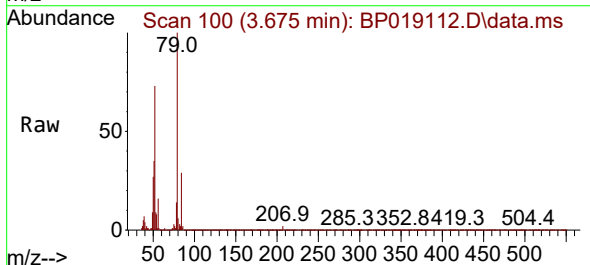
Ion	Ratio	Lower	Upper
88	100		
43	27.6	21.0	31.4
58	70.2	56.6	84.8

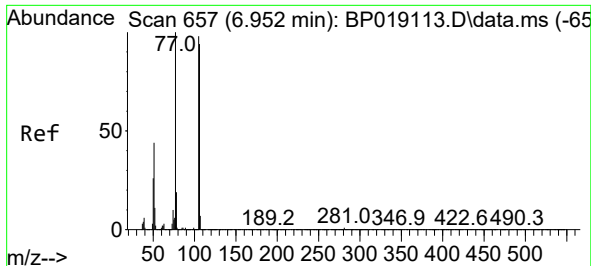


#5
Pyridine
Concen: 10.169 ng/uL
RT: 3.675 min Scan# 100
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion: 79 Resp: 113846

Ion	Ratio	Lower	Upper
79	100		
52	73.3	52.4	78.6
51	34.6	25.9	38.9

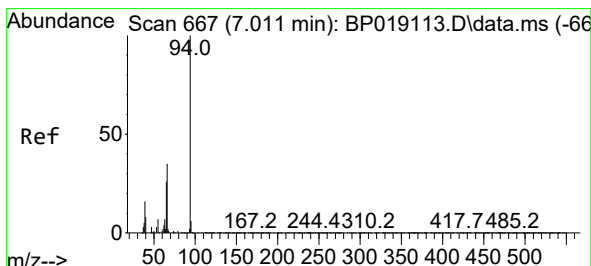
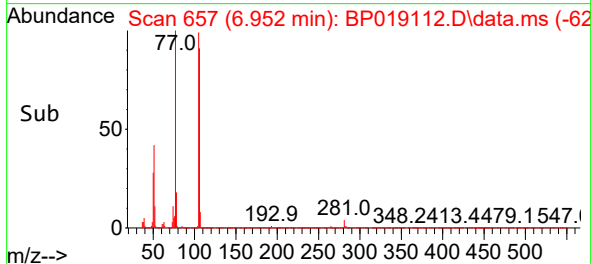
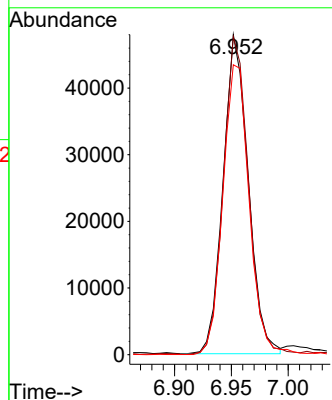
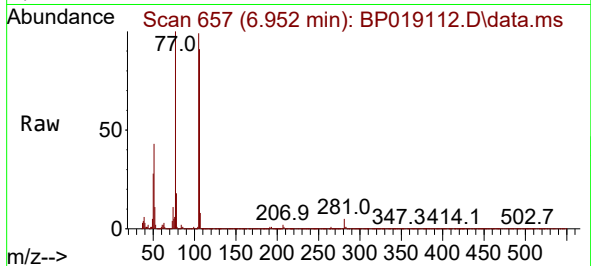




#6
Benzaldehyde
Concen: 11.770 ng/ul
RT: 6.952 min Scan# 657
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

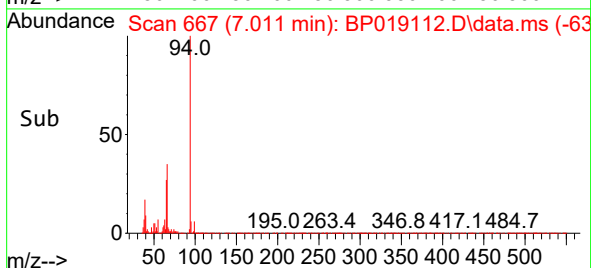
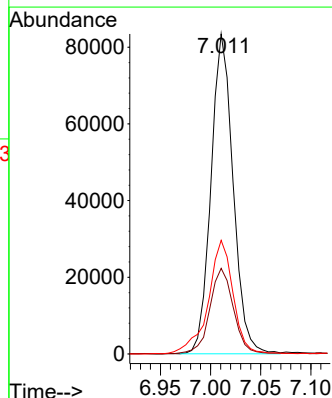
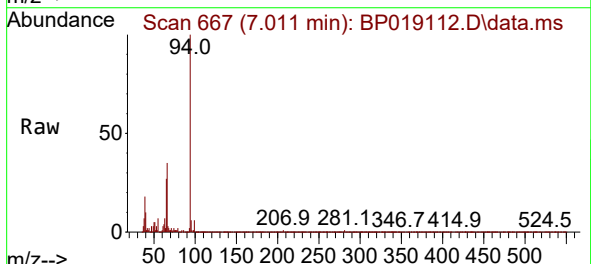
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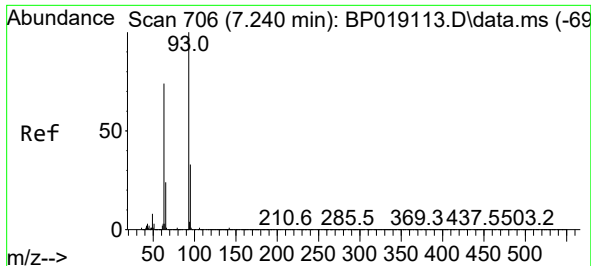
Tgt Ion: 77 Resp: 73546
Ion Ratio Lower Upper
77 100
105 99.3 78.6 117.8
106 90.6 74.8 112.2



#8
Phenol
Concen: 9.642 ng/ul
RT: 7.011 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion: 94 Resp: 128165
Ion Ratio Lower Upper
94 100
65 26.8 21.1 31.7
66 35.5 29.3 43.9





#10

Bis(2-Chloroethyl)ether

Concen: 9.846 ng/ul

RT: 7.240 min Scan# 706

Delta R.T. -0.000 min

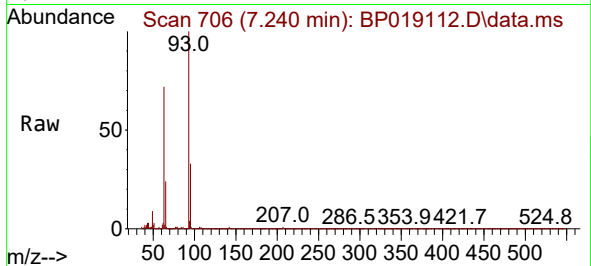
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Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :



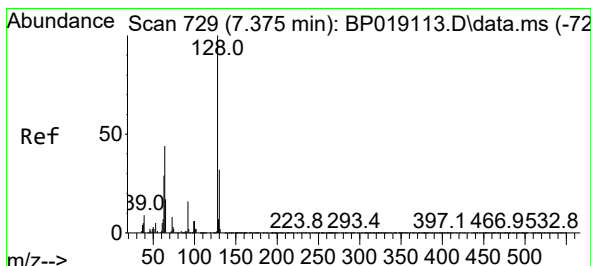
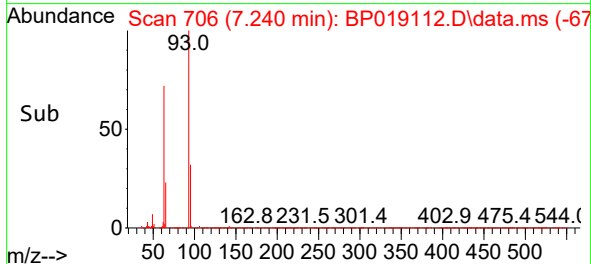
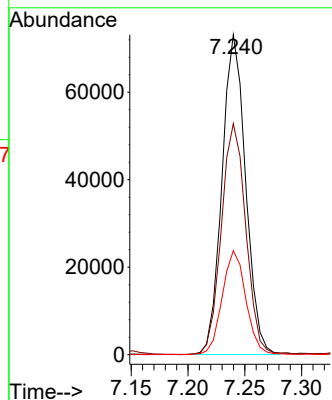
Tgt Ion: 93 Resp: 105895

Ion Ratio Lower Upper

93 100

63 72.2 59.4 89.0

95 32.5 26.6 40.0



#12

2-Chlorophenol

Concen: 9.203 ng/ul

RT: 7.369 min Scan# 728

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

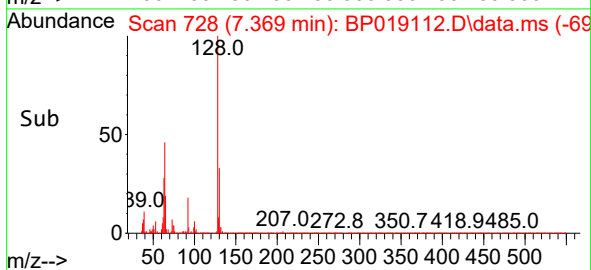
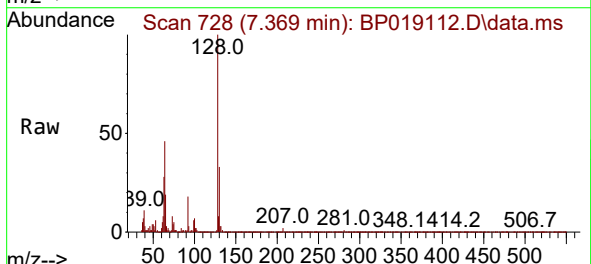
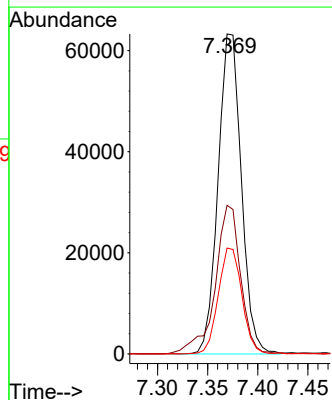
Tgt Ion: 128 Resp: 102198

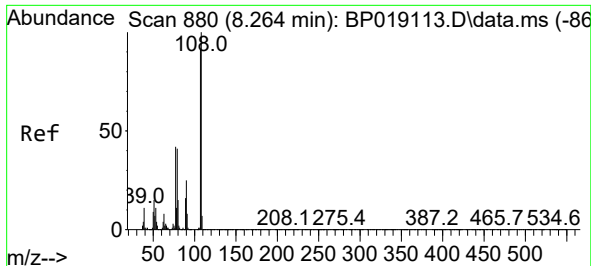
Ion Ratio Lower Upper

128 100

64 46.5 35.9 53.9

130 33.1 25.3 37.9





#13

2-Methylphenol

Concen: 9.205 ng/ul

RT: 8.263 min Scan# 880

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

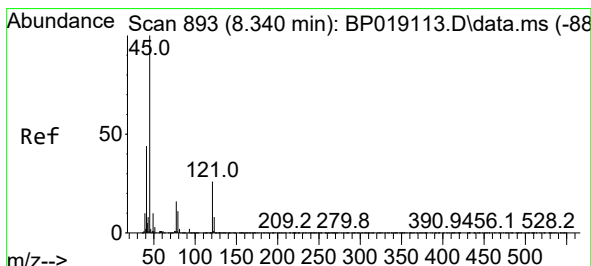
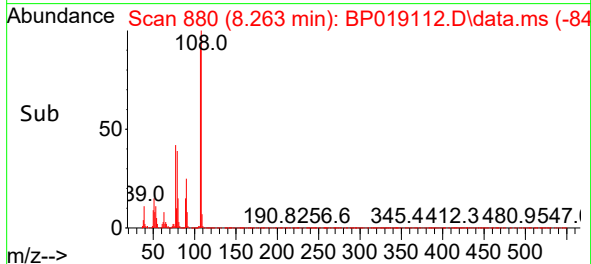
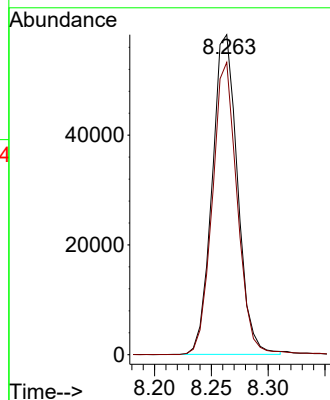
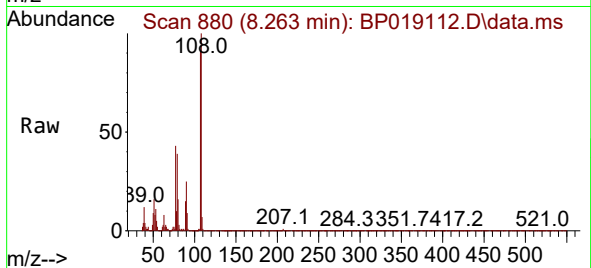
ClientSampleId :

Tgt Ion:108 Resp: 90519

Ion Ratio Lower Upper

108 100

107 91.4 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.044 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

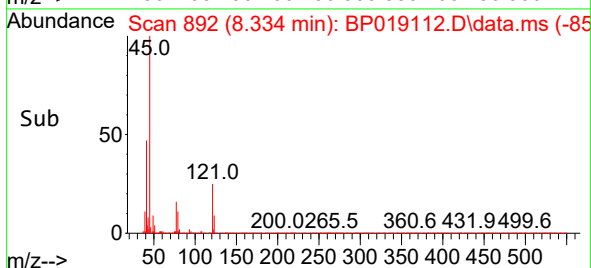
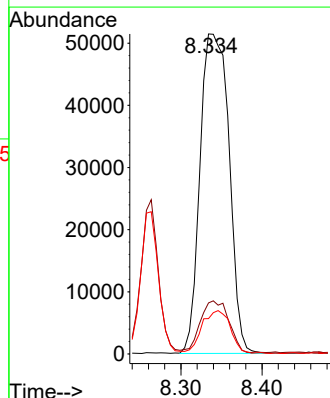
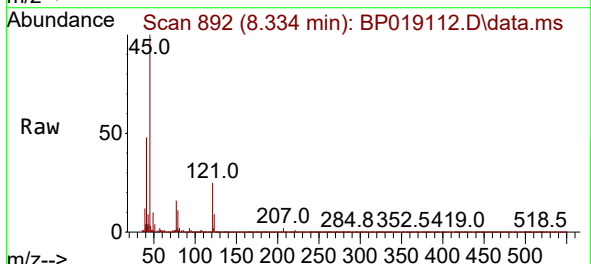
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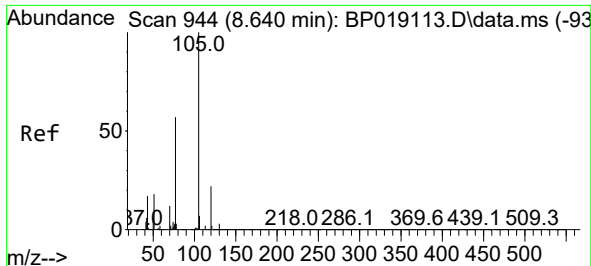
Ion Ratio Lower Upper

45 100

77 15.9 13.6 20.4

79 11.0 9.7 14.5

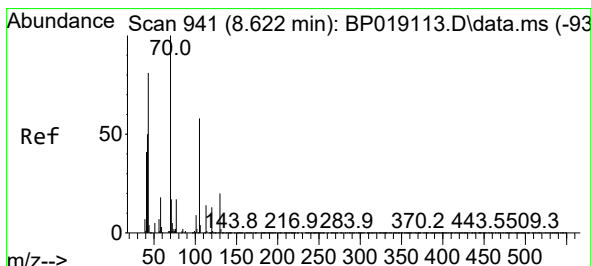
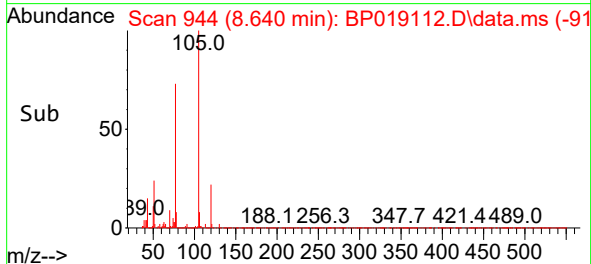
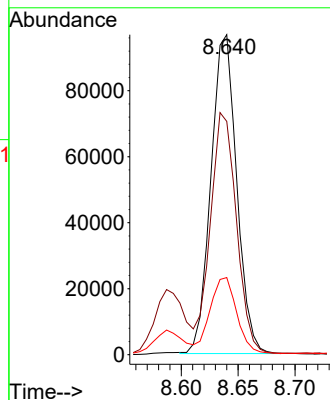
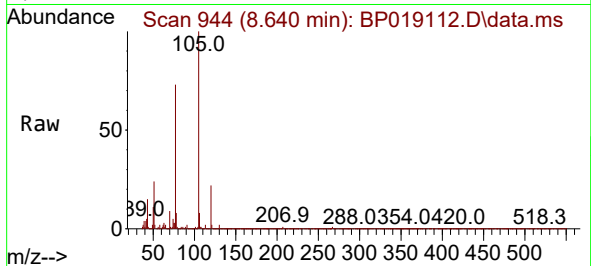




#16
Acetophenone
Concen: 9.716 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

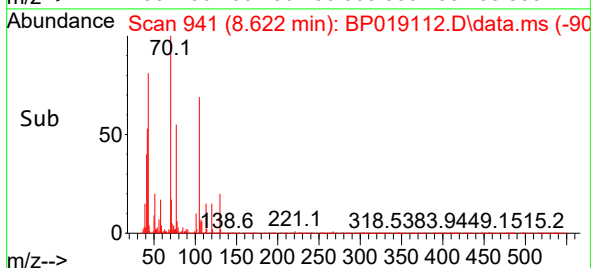
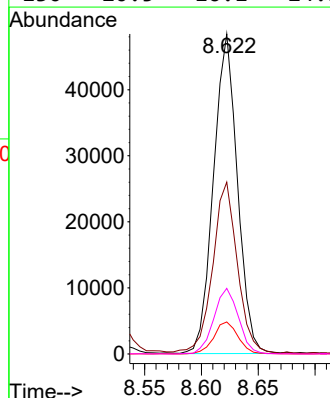
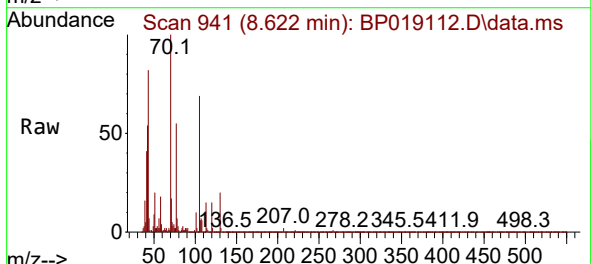
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BNA_F
ClientSampleId :

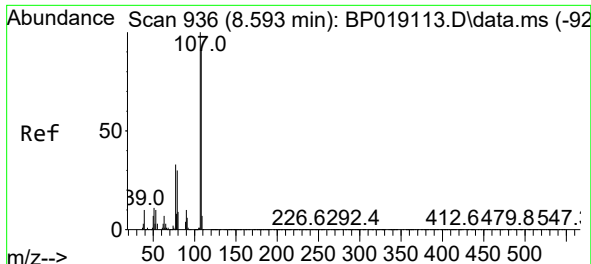
Tgt Ion:105 Resp: 152459
Ion Ratio Lower Upper
105 100
77 72.9 59.8 89.6
51 24.1 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 9.049 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion: 70 Resp: 70811
Ion Ratio Lower Upper
70 100
42 53.7 40.6 61.0
101 10.0 7.3 10.9
130 20.5 16.1 24.1

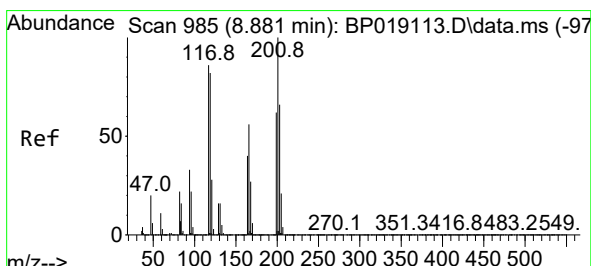
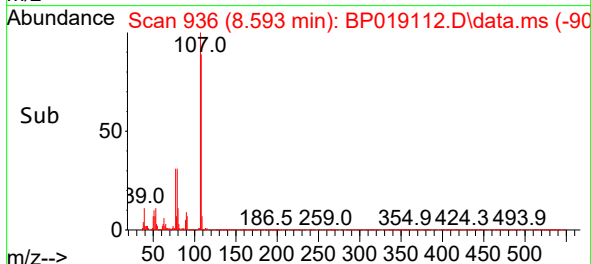
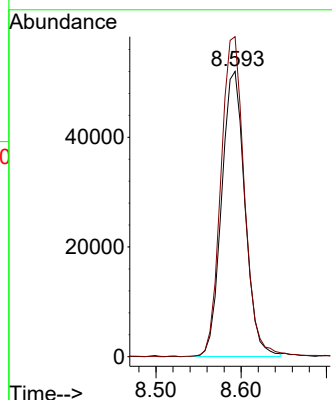
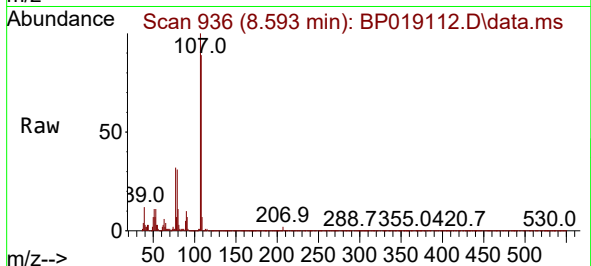




#18
4-Methylphenol
Concen: 9.353 ng/ul
RT: 8.593 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

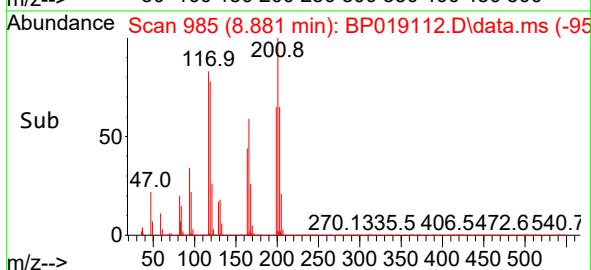
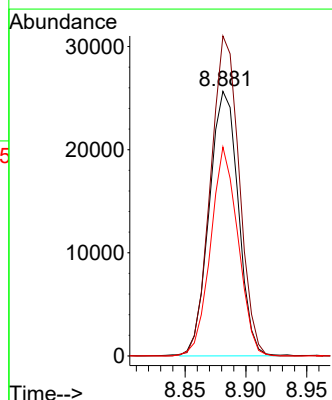
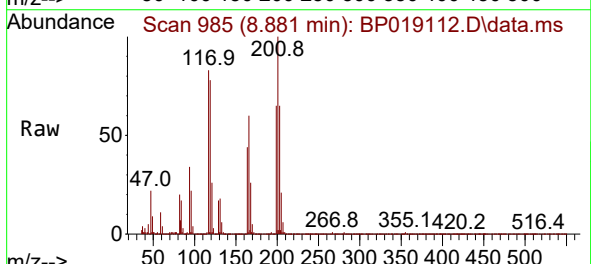
Instrument :
BNA_F
ClientSampleId :

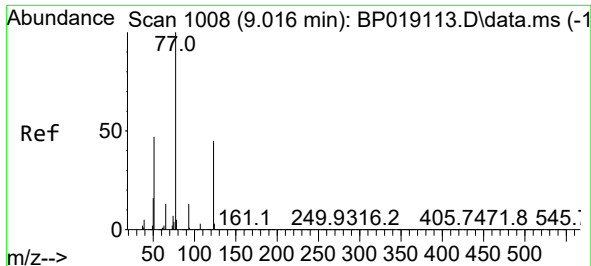
Tgt Ion:108 Resp: 98999
Ion Ratio Lower Upper
108 100
107 112.1 88.1 132.1



#19
Hexachloroethane
Concen: 9.149 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:117 Resp: 42612
Ion Ratio Lower Upper
117 100
201 120.9 92.5 138.7
199 79.0 56.9 85.3

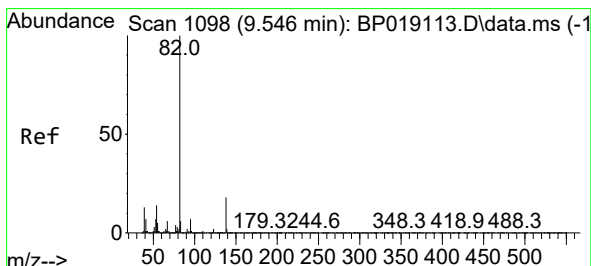
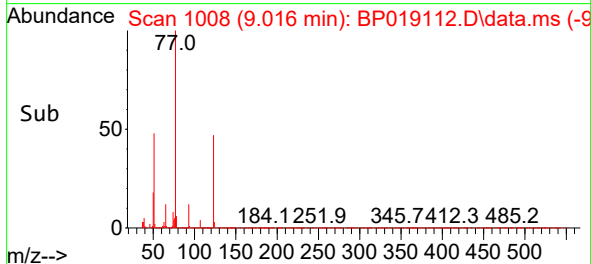
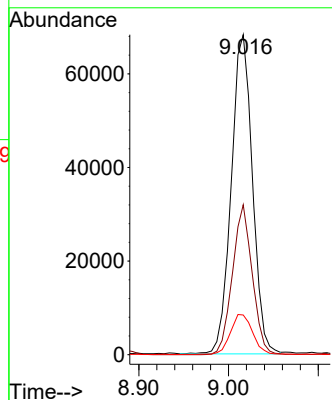
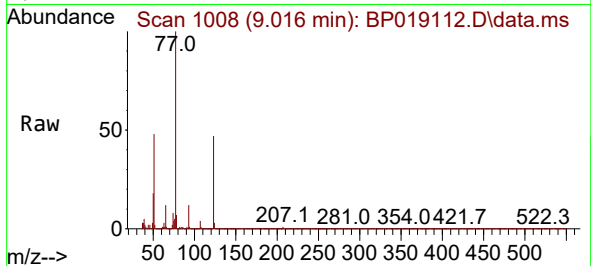




#22
Nitrobenzene
Concen: 9.278 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

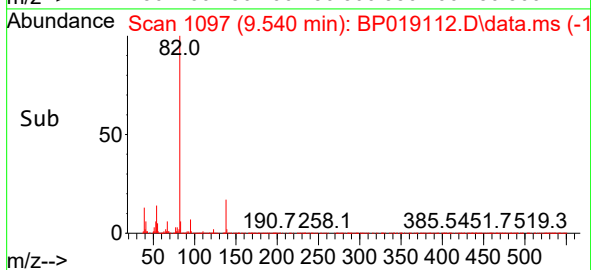
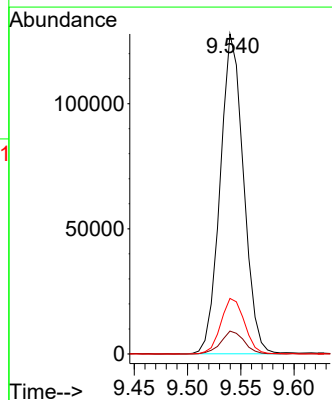
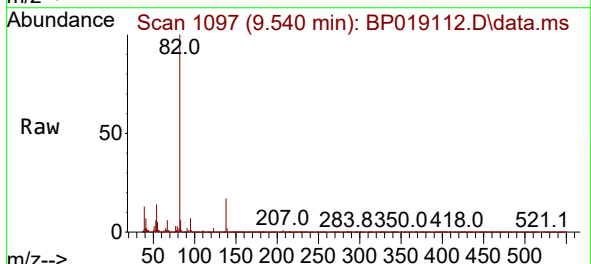
Instrument :
BNA_F
ClientSampleId :

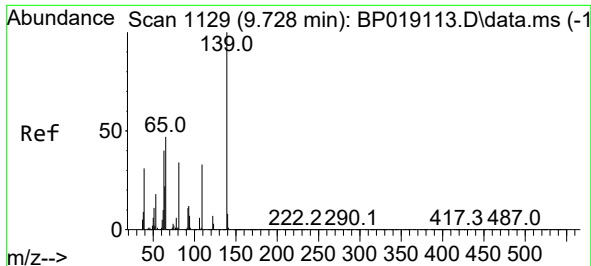
Tgt Ion: 77 Resp: 111725
Ion Ratio Lower Upper
77 100
123 46.9 35.5 53.3
65 12.4 10.3 15.5



#23
Isophorone
Concen: 8.969 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion: 82 Resp: 194773
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 17.3 14.7 22.1

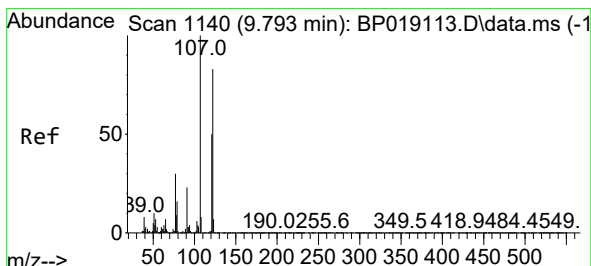
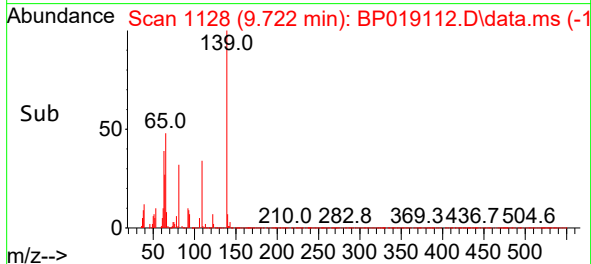
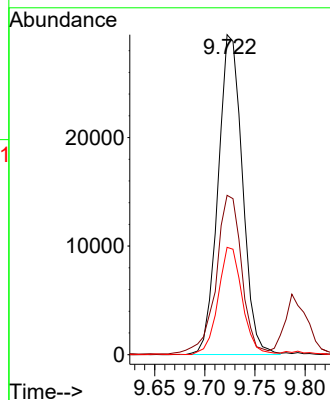
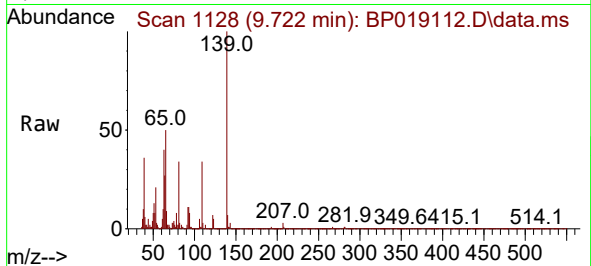




#25
2-Nitrophenol
Concen: 8.724 ng/ul
RT: 9.722 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

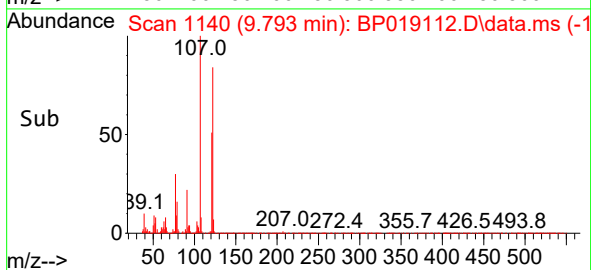
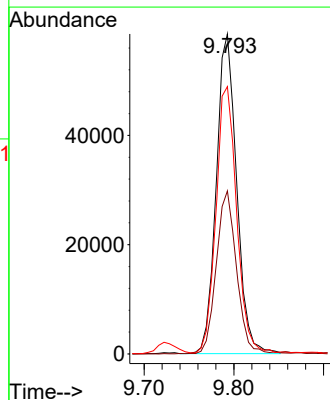
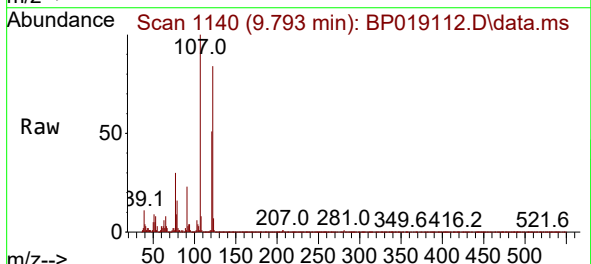
Instrument :
BNA_F
ClientSampleId :

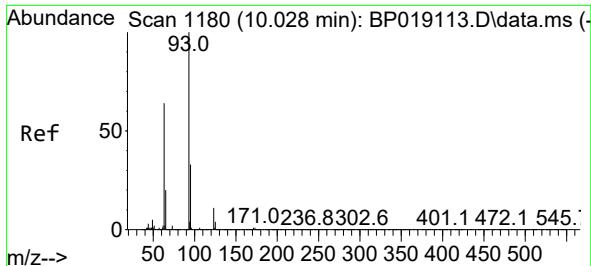
Tgt Ion:139 Resp: 49620
Ion Ratio Lower Upper
139 100
65 49.8 38.8 58.2
109 33.5 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 9.200 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:107 Resp: 92127
Ion Ratio Lower Upper
107 100
121 50.9 39.8 59.6
122 83.6 66.4 99.6





#27

Bis(2-Chloroethoxy)methane

Concen: 9.310 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. -0.000 min

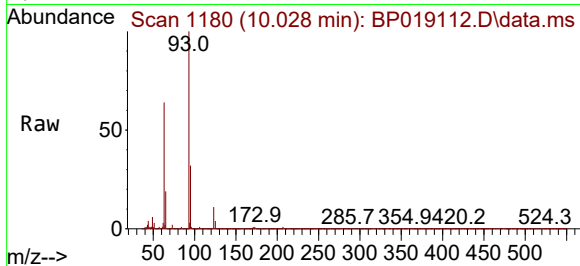
Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :



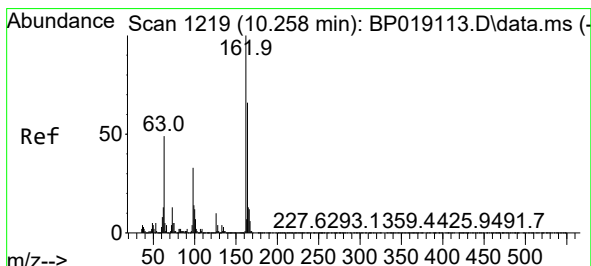
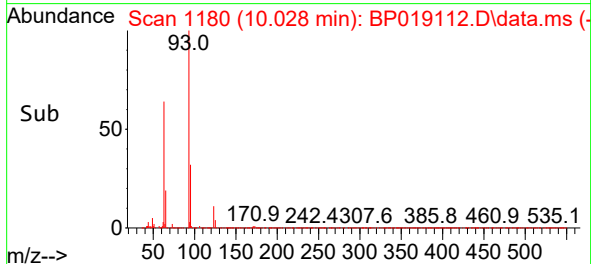
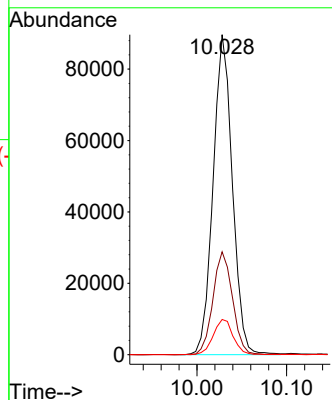
Tgt Ion: 93 Resp: 133632

Ion Ratio Lower Upper

93 100

95 32.1 26.7 40.1

123 11.0 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 9.159 ng/ul

RT: 10.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

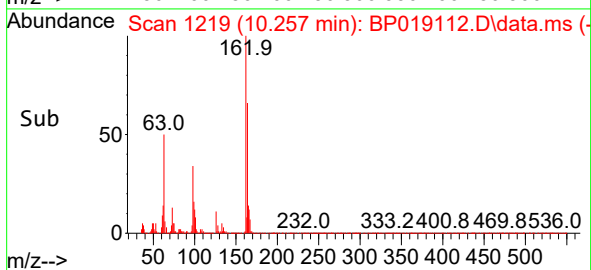
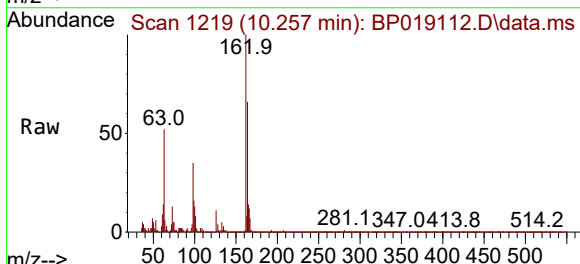
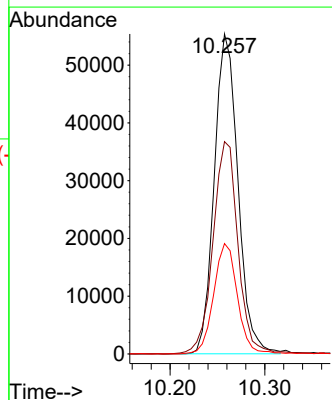
Tgt Ion:162 Resp: 96284

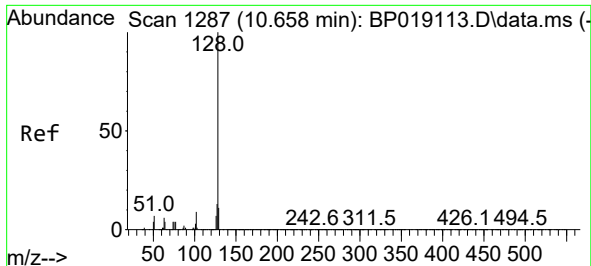
Ion Ratio Lower Upper

162 100

164 66.3 52.6 78.8

98 34.5 26.7 40.1

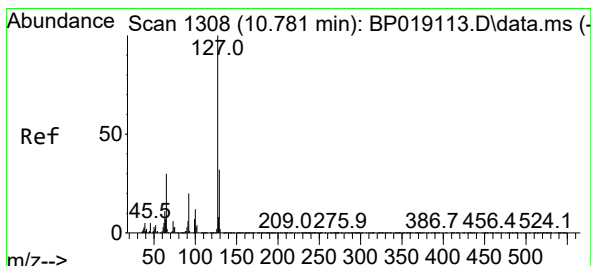
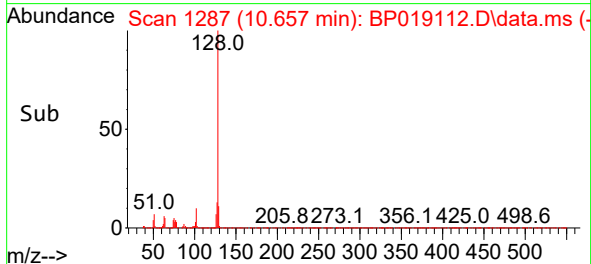
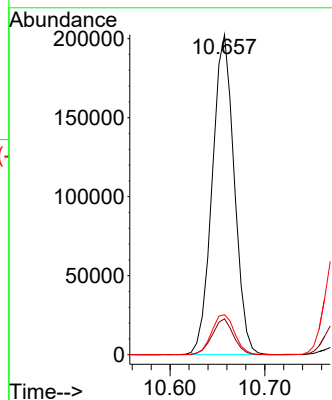
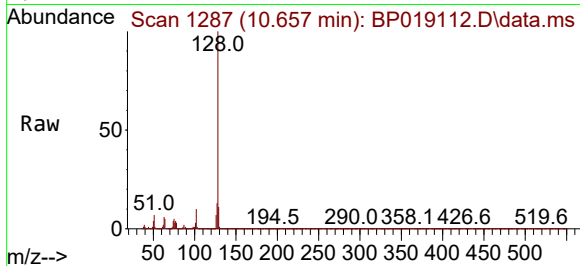




#30
Naphthalene
Concen: 9.503 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

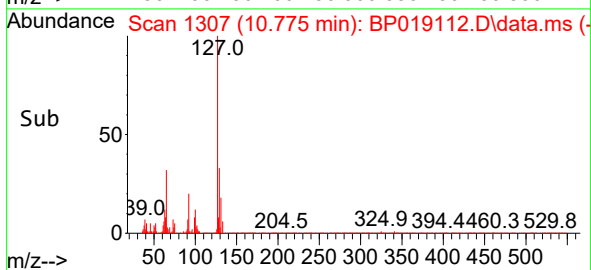
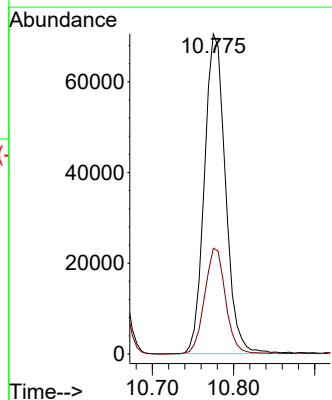
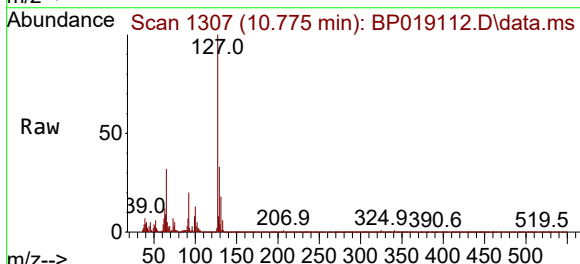
Instrument :
BNA_F
ClientSampleId :

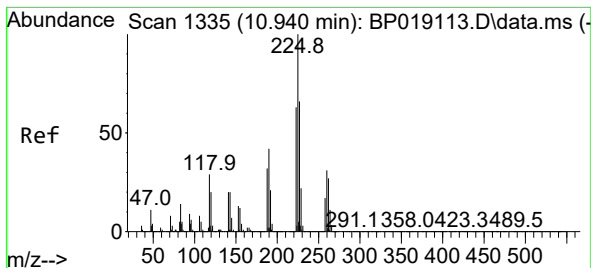
Tgt Ion:128 Resp: 326704
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.5 10.6 15.8



#32
4-Chloroaniline
Concen: 10.013 ng/ul
RT: 10.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:127 Resp: 127127
Ion Ratio Lower Upper
127 100
129 33.1 25.6 38.4





#33

Hexachlorobutadiene

Concen: 9.280 ng/ul

RT: 10.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

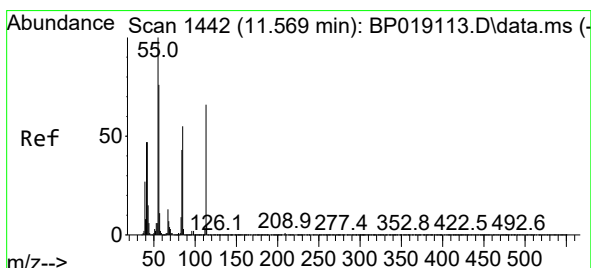
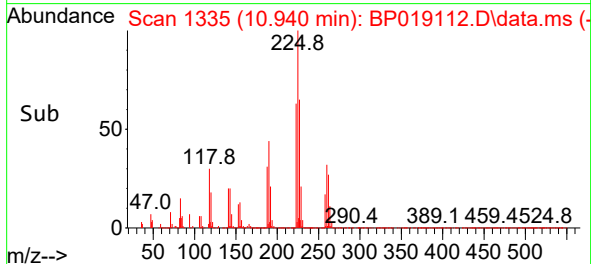
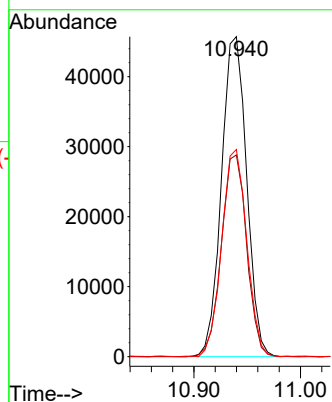
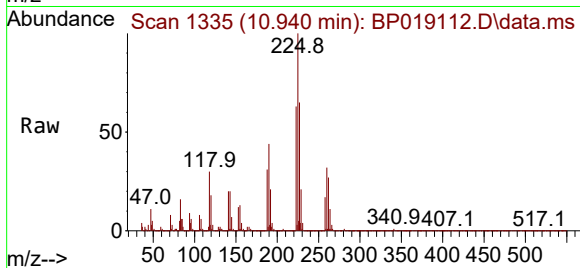
Tgt Ion:225 Resp: 75078

Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 64.7 53.0 79.4



#34

Caprolactam

Concen: 7.992 ng/ul

RT: 11.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

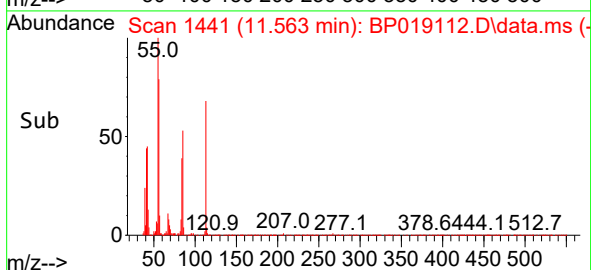
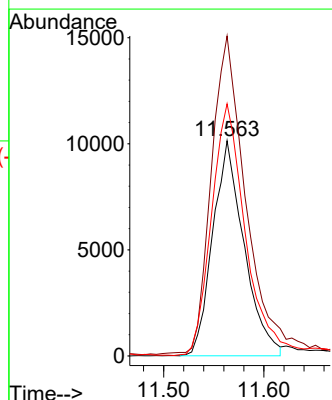
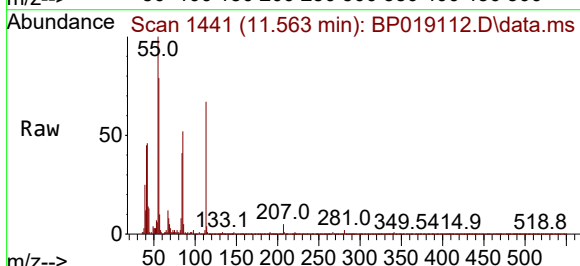
Tgt Ion:113 Resp: 21988

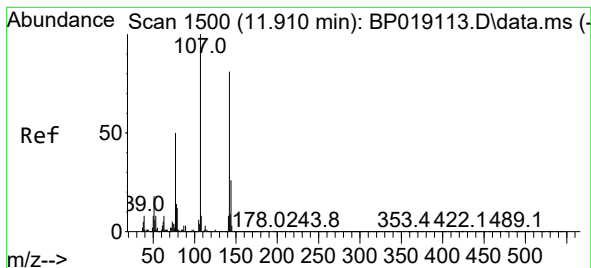
Ion Ratio Lower Upper

113 100

55 148.7 122.6 184.0

56 117.1 93.0 139.4

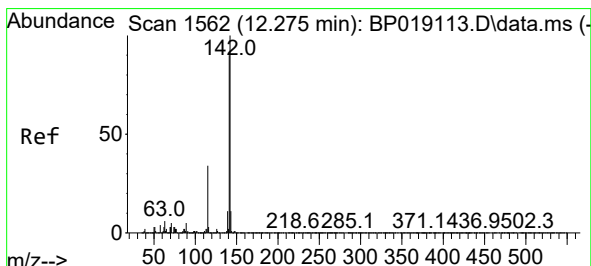
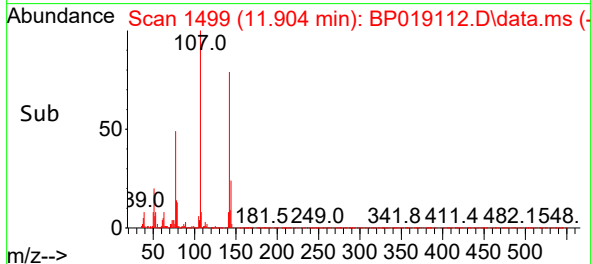
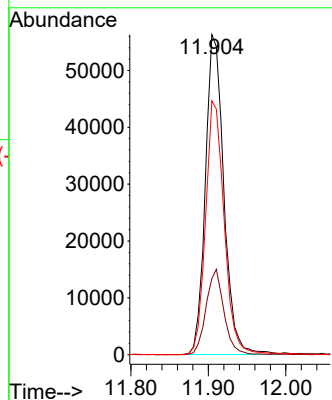
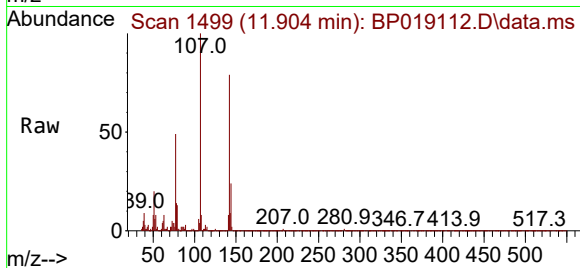




#35
4-Chloro-3-methylphenol
Concen: 9.025 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

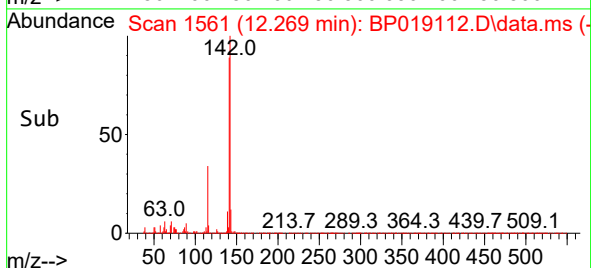
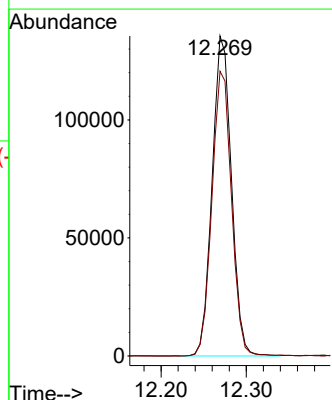
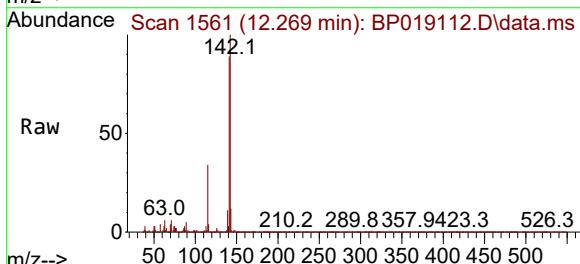
Instrument :
BNA_F
ClientSampleId :

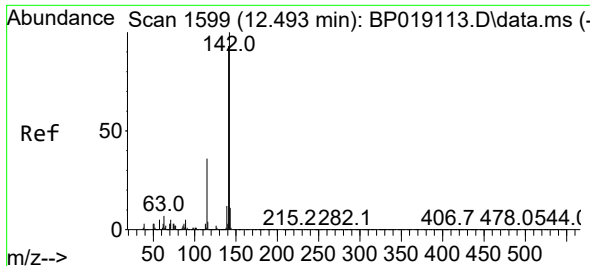
Tgt Ion:107 Resp: 93134
Ion Ratio Lower Upper
107 100
144 23.8 21.0 31.6
142 79.3 64.8 97.2



#36
2-Methylnaphthalene
Concen: 9.181 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:142 Resp: 212807
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5

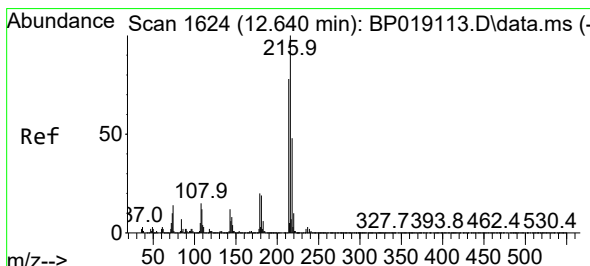
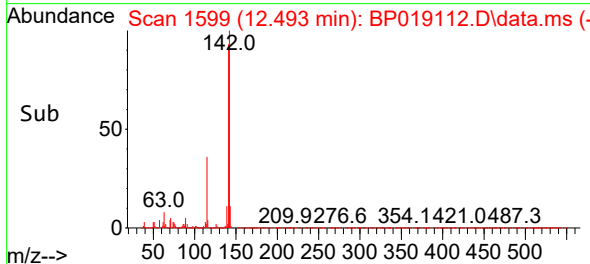
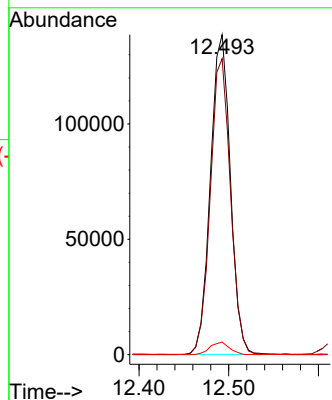
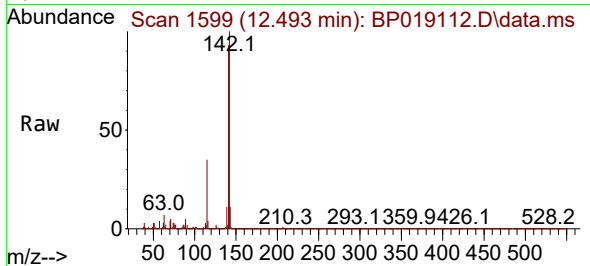




#37
1-Methylnaphthalene
Concen: 9.134 ng/ul
RT: 12.493 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

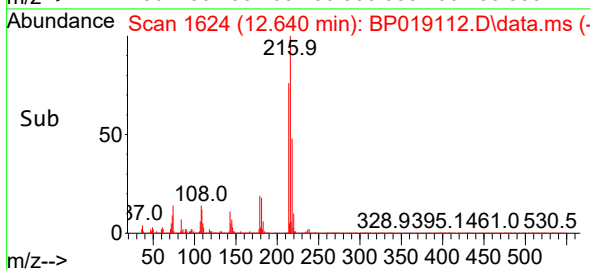
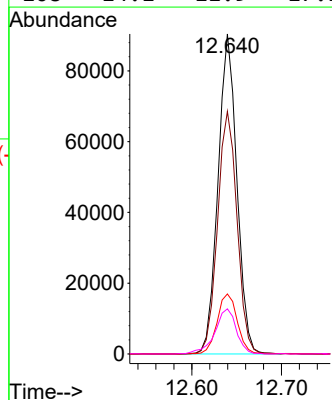
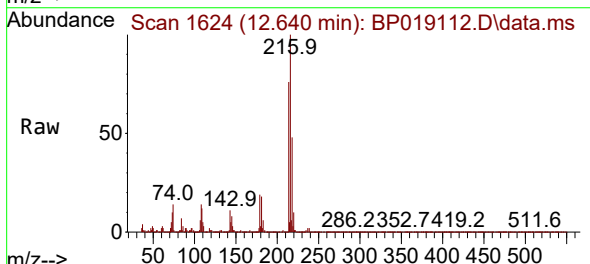
Instrument :
BNA_F
ClientSampleId :

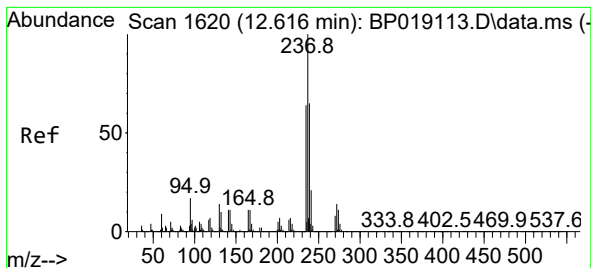
Tgt Ion:142 Resp: 213503
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6
116 3.9 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 9.104 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:216 Resp: 131887
Ion Ratio Lower Upper
216 100
214 75.8 62.6 94.0
179 18.7 15.8 23.8
108 14.1 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 8.688 ng/ul

RT: 12.616 min Scan# 1620

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

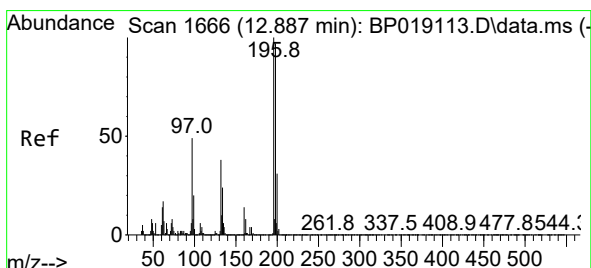
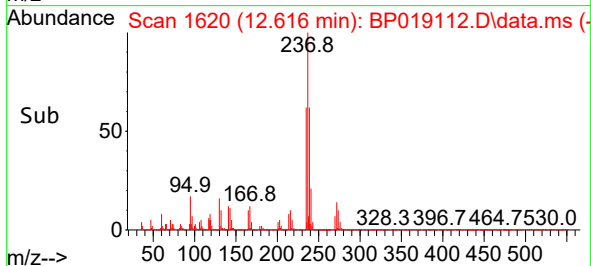
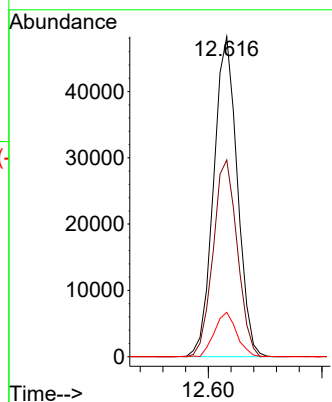
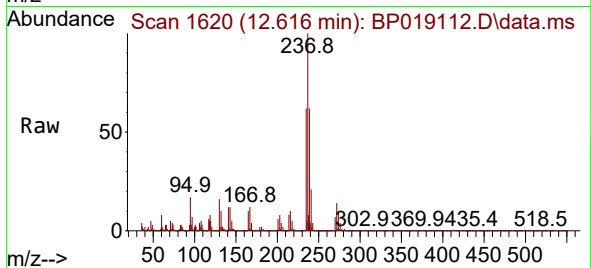
Tgt Ion:237 Resp: 69854

Ion Ratio Lower Upper

237 100

235 61.5 51.2 76.8

272 14.5 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 8.886 ng/ul

RT: 12.887 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

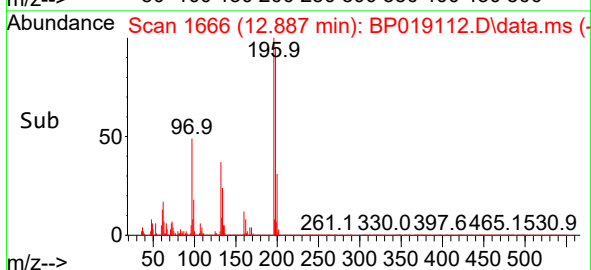
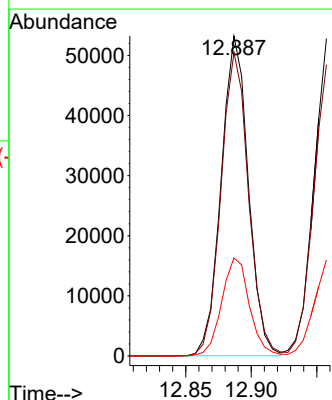
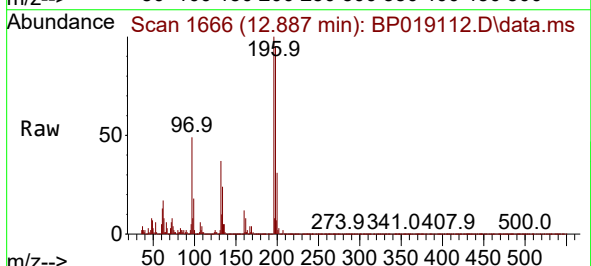
Tgt Ion:196 Resp: 76824

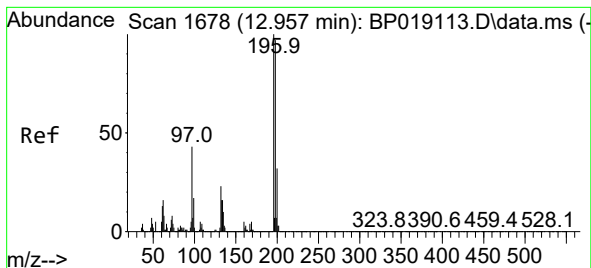
Ion Ratio Lower Upper

196 100

198 94.9 77.4 116.0

200 30.6 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 8.987 ng/ul

RT: 12.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

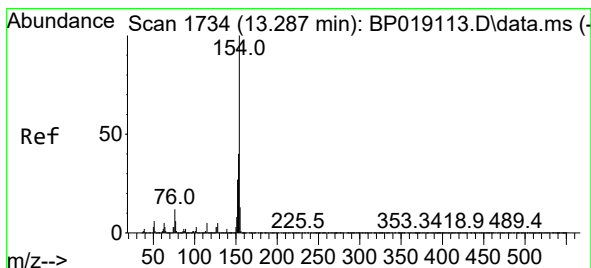
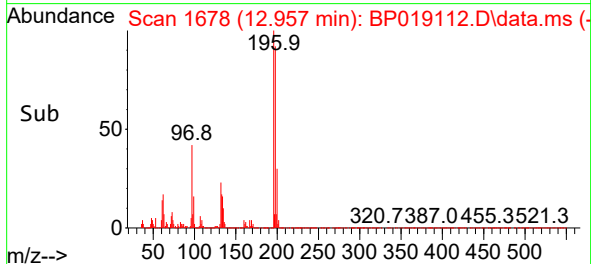
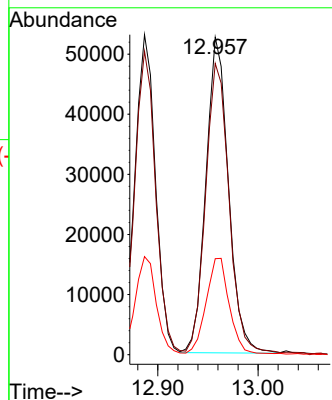
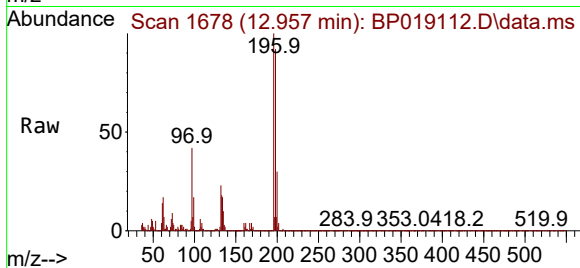
Tgt Ion:196 Resp: 82470

Ion Ratio Lower Upper

196 100

198 91.7 77.3 115.9

200 30.2 25.7 38.5



#43

1,1'-Biphenyl

Concen: 9.402 ng/ul

RT: 13.287 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

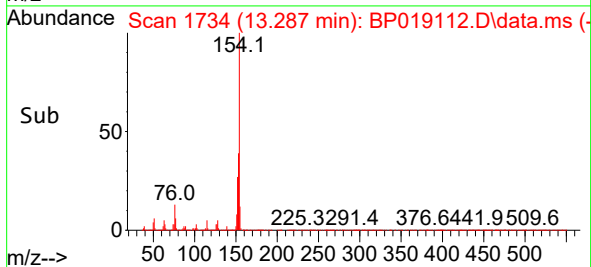
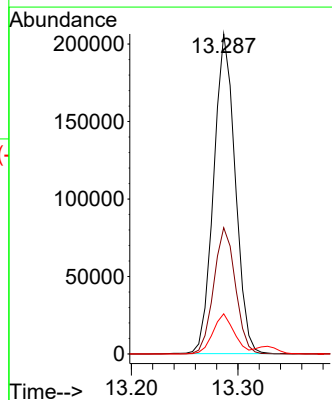
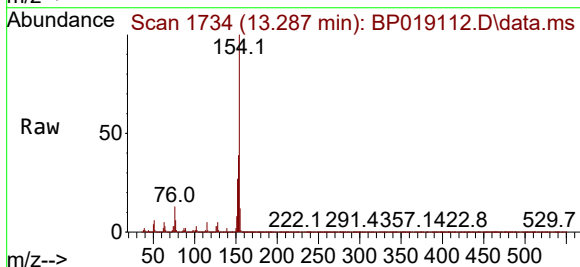
Tgt Ion:154 Resp: 288470

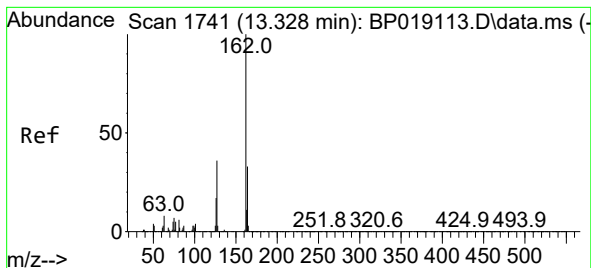
Ion Ratio Lower Upper

154 100

153 39.5 31.9 47.9

76 12.5 9.5 14.3

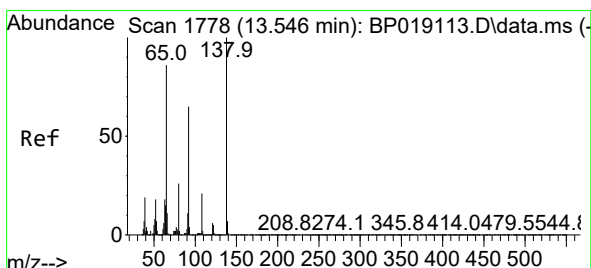
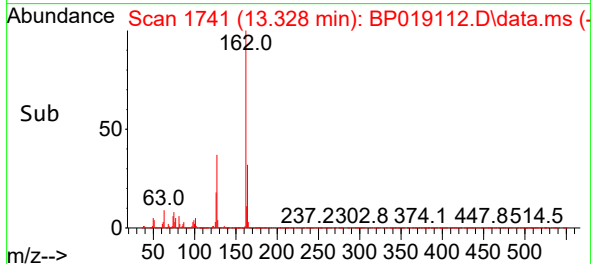
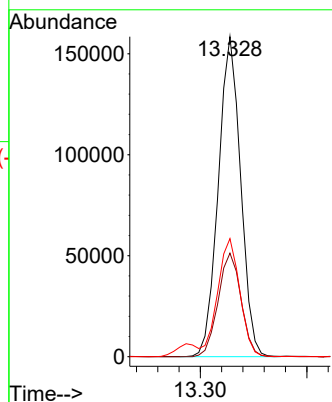
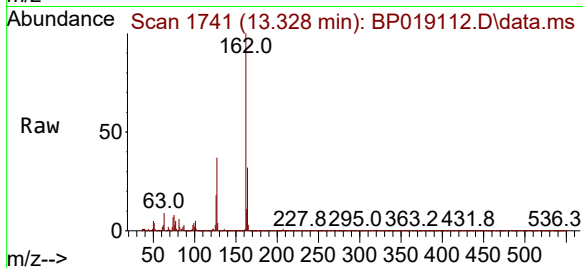




#44
2-Chloronaphthalene
Concen: 9.346 ng/ul
RT: 13.328 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

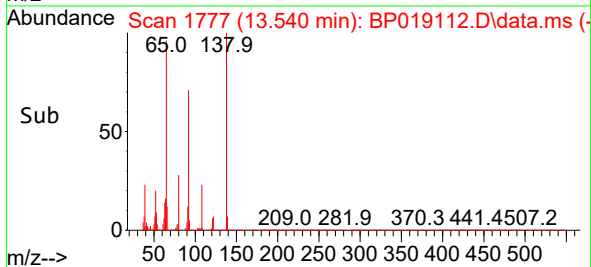
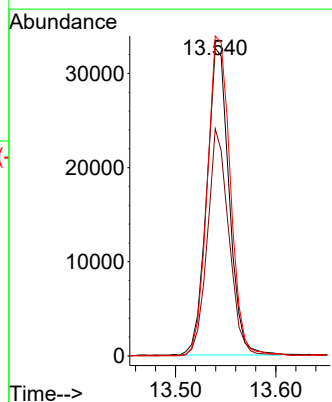
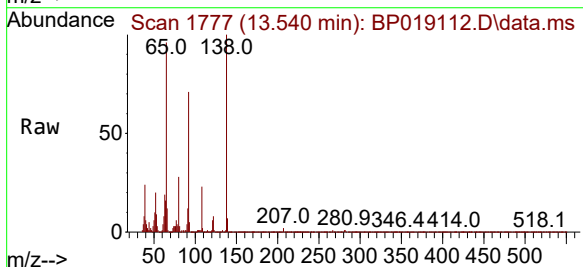
Instrument :
BNA_F
ClientSampleId :

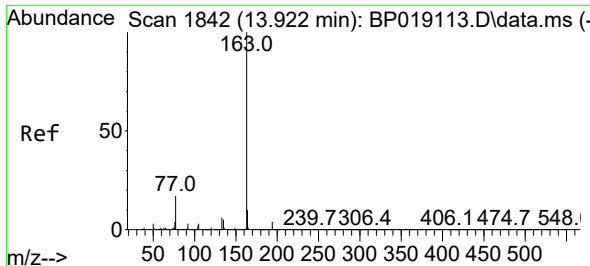
Tgt Ion:162 Resp: 230094
Ion Ratio Lower Upper
162 100
164 32.3 26.2 39.4
127 36.9 28.8 43.2



#45
2-Nitroaniline
Concen: 8.572 ng/ul
RT: 13.540 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

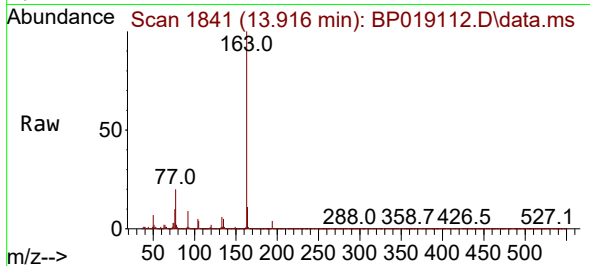
Tgt Ion: 65 Resp: 50666
Ion Ratio Lower Upper
65 100
92 73.8 60.2 90.4
138 103.9 92.9 139.3



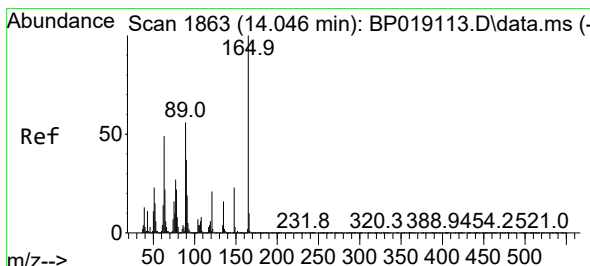
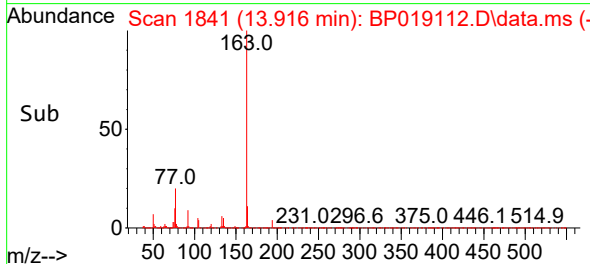
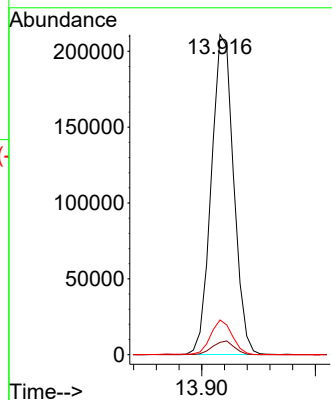


#47
Dimethylphthalate
Concen: 9.379 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Instrument :
BNA_F
ClientSampleId :

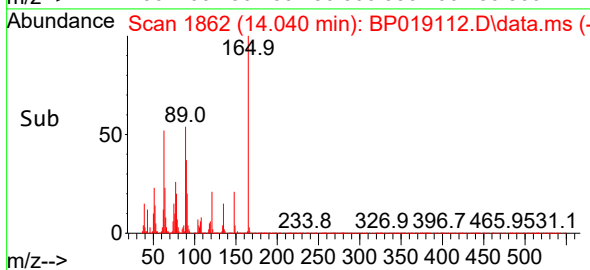
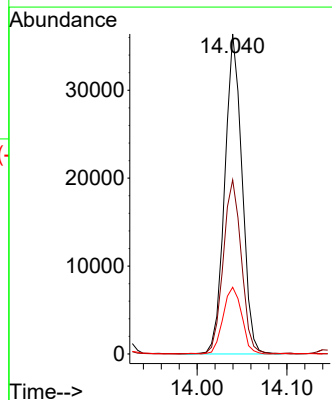
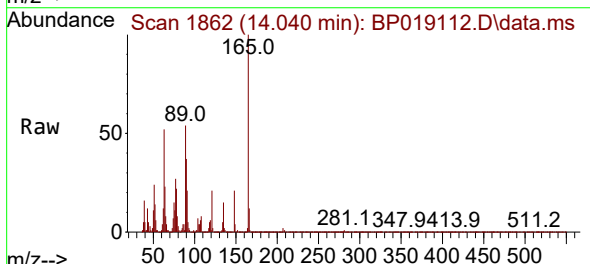


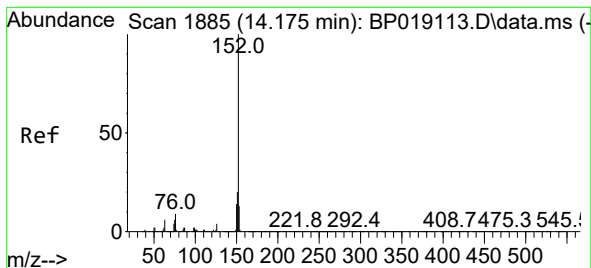
Tgt Ion:163 Resp: 287615
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.9 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 8.648 ng/ul
RT: 14.040 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:165 Resp: 48735
Ion Ratio Lower Upper
165 100
89 54.4 45.1 67.7
121 20.8 16.7 25.1





#50

Acenaphthylene

Concen: 9.418 ng/ul

RT: 14.175 min Scan# 1885

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

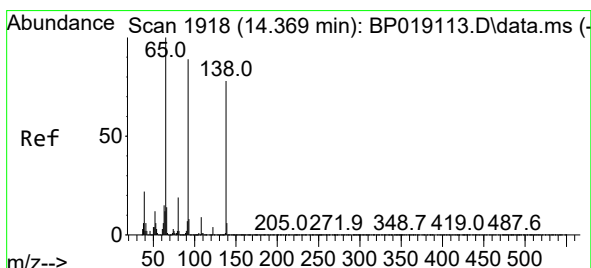
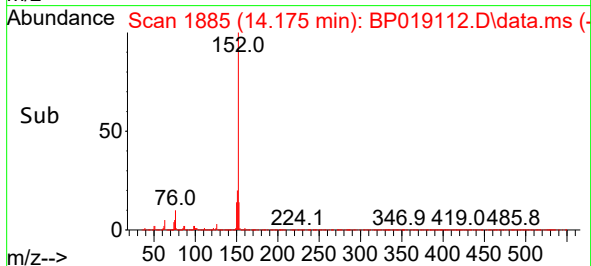
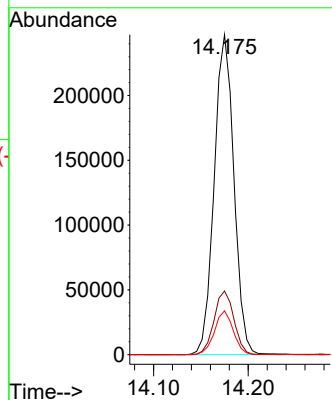
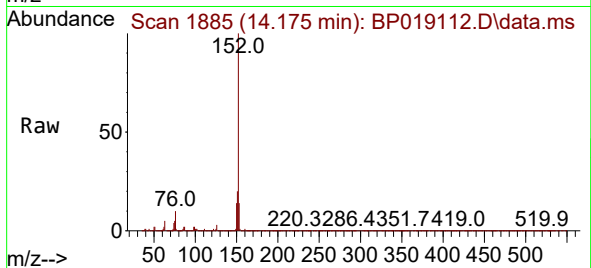
Tgt Ion:152 Resp: 357215

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.7 10.6 15.8



#51

3-Nitroaniline

Concen: 8.847 ng/ul

RT: 14.375 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

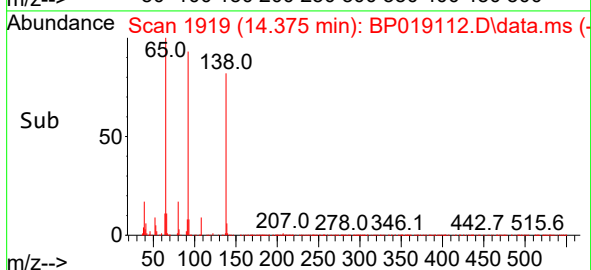
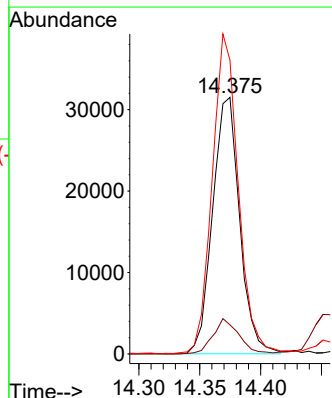
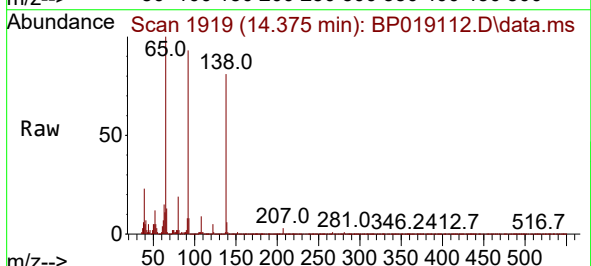
Tgt Ion:138 Resp: 48740

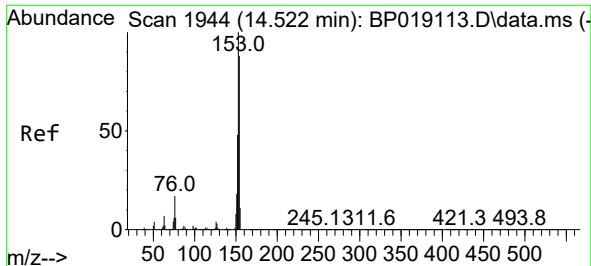
Ion Ratio Lower Upper

138 100

108 11.4 9.8 14.6

92 114.5 91.9 137.9

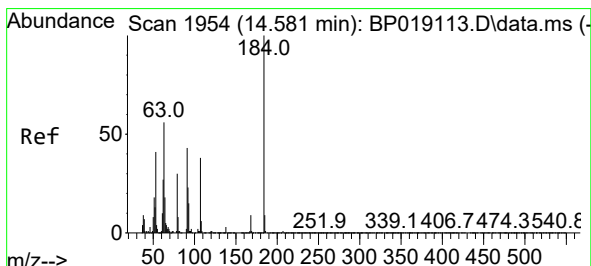
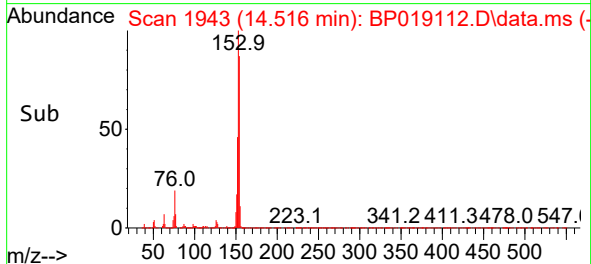
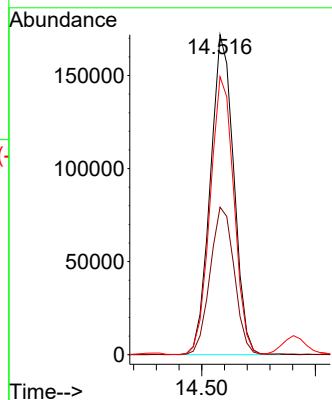
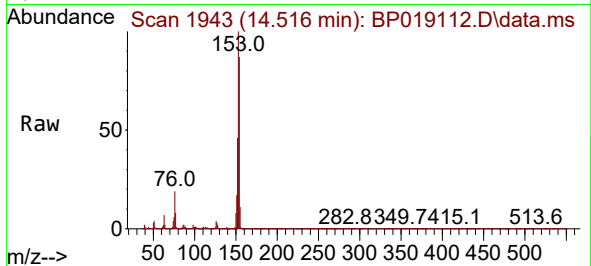




#52
Acenaphthene
Concen: 9.574 ng/ul
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

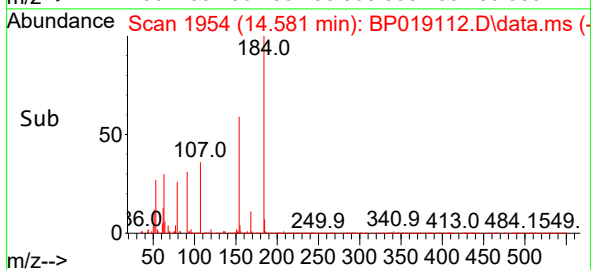
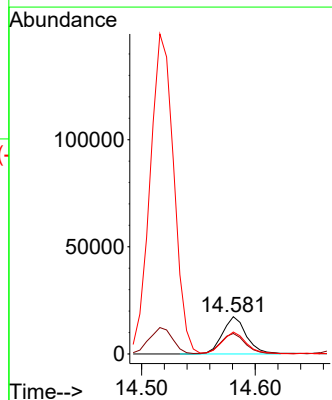
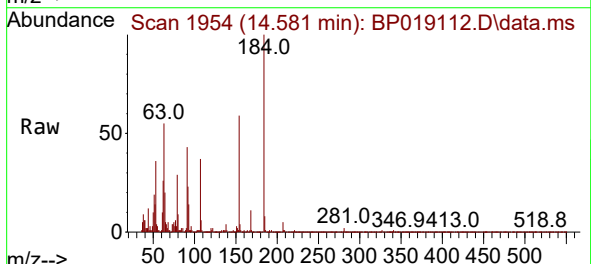
Instrument :
BNA_F
ClientSampleId :

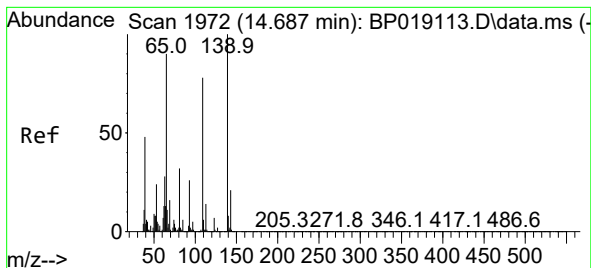
Tgt Ion:153 Resp: 246112
Ion Ratio Lower Upper
153 100
152 46.1 38.1 57.1
154 86.9 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 6.979 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:184 Resp: 25336
Ion Ratio Lower Upper
184 100
63 54.8 48.5 72.7
154 58.8 49.3 73.9

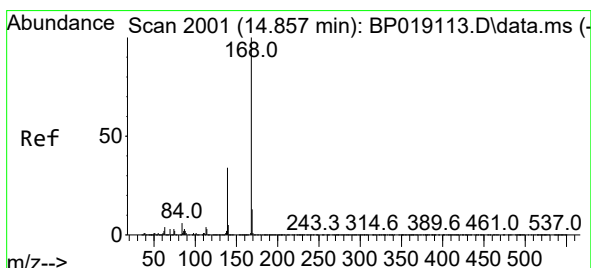
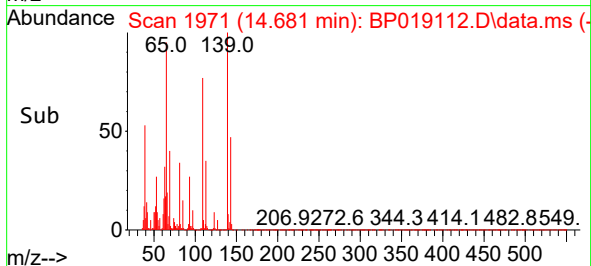
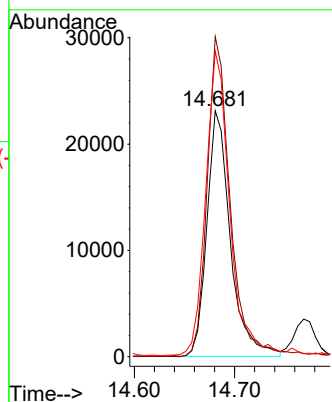
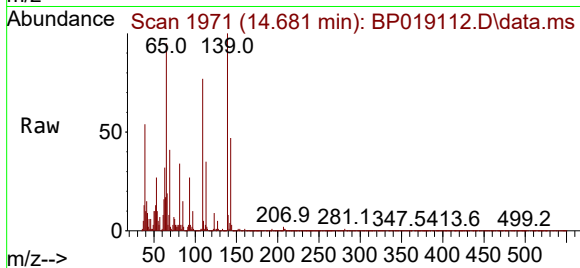




#55
4-Nitrophenol
Concen: 8.972 ng/ul
RT: 14.681 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

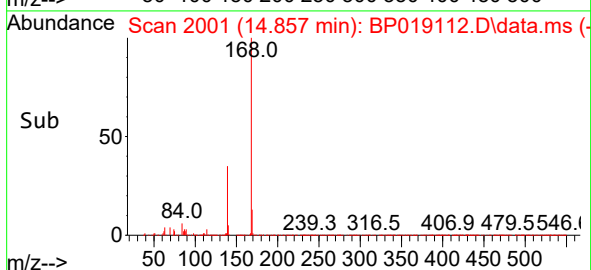
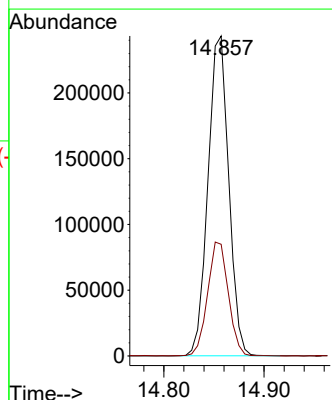
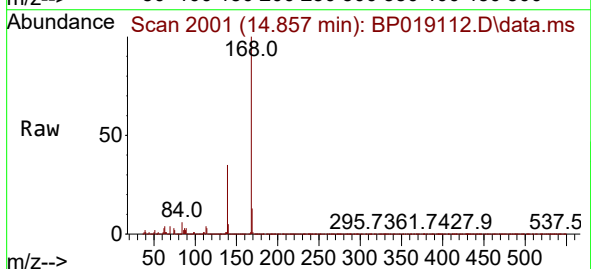
Instrument :
BNA_F
ClientSampleId :

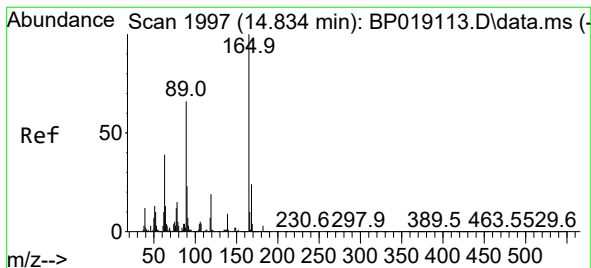
Tgt Ion:109 Resp: 37616
Ion Ratio Lower Upper
109 100
139 130.1 102.6 154.0
65 124.2 92.9 139.3



#56
Dibenzofuran
Concen: 9.536 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:168 Resp: 350071
Ion Ratio Lower Upper
168 100
139 34.9 27.4 41.0





#57

2,4-Dinitrotoluene

Concen: 8.696 ng/ul

RT: 14.828 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

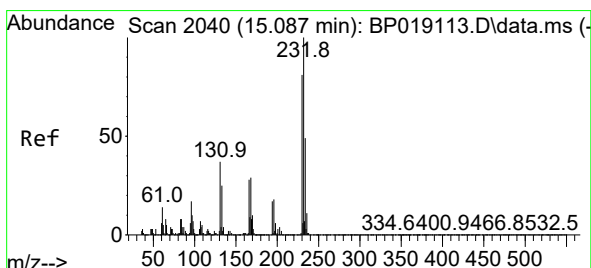
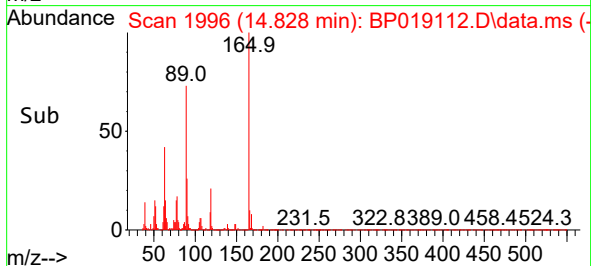
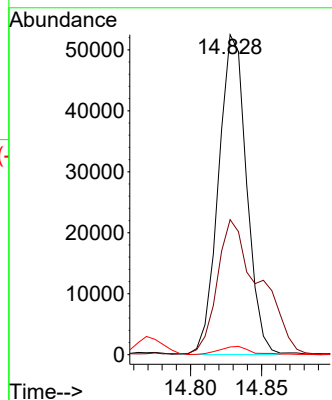
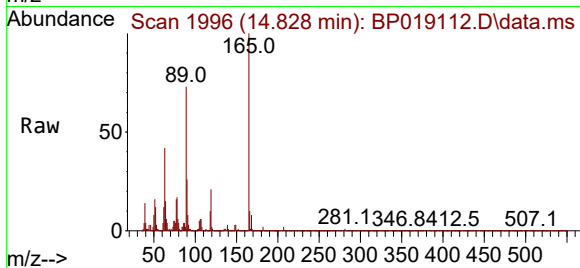
Tgt Ion:165 Resp: 72069

Ion Ratio Lower Upper

165 100

63 42.2 31.5 47.3

182 2.4 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.002 ng/ul

RT: 15.087 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Tgt Ion:232 Resp: 72173

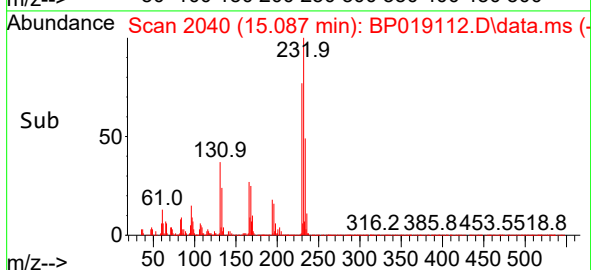
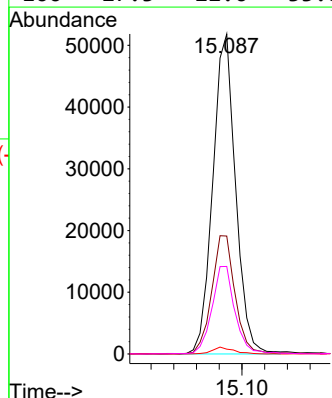
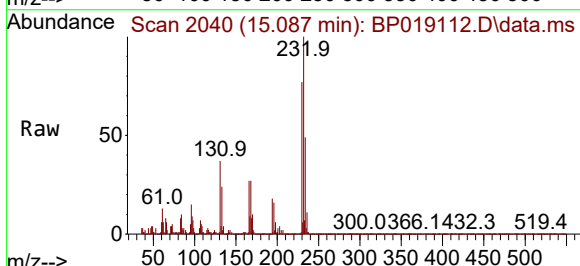
Ion Ratio Lower Upper

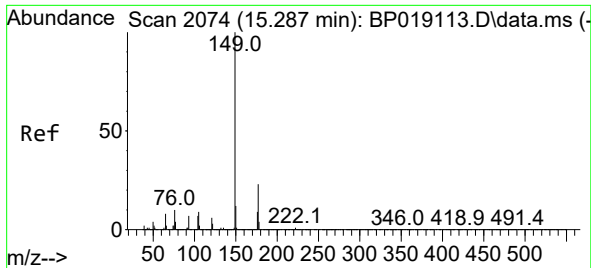
232 100

131 36.8 29.3 43.9

130 1.5 1.4 2.2

166 27.3 22.6 33.8

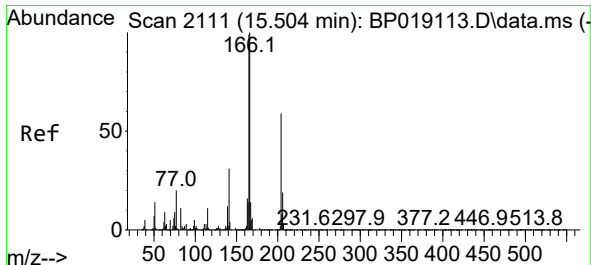
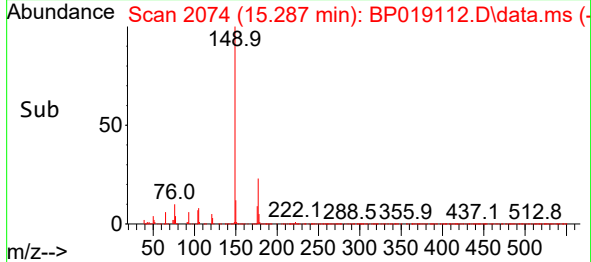
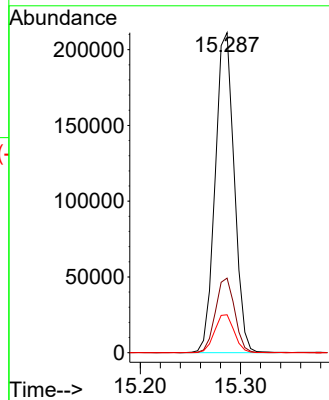
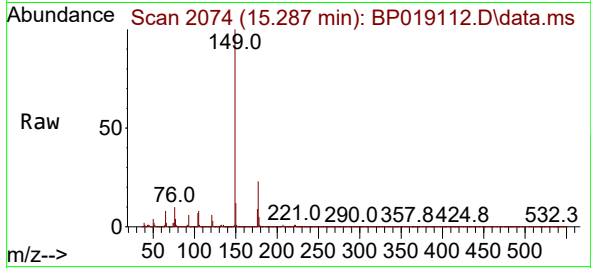




#59
Diethylphthalate
Concen: 9.353 ng/ul
RT: 15.287 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

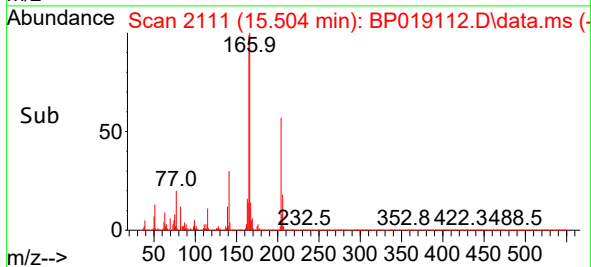
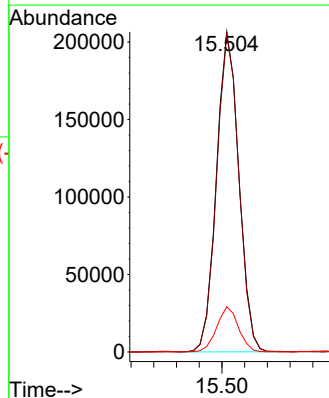
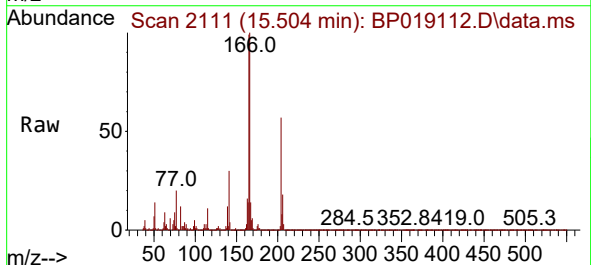
Instrument :
BNA_F
ClientSampleId :

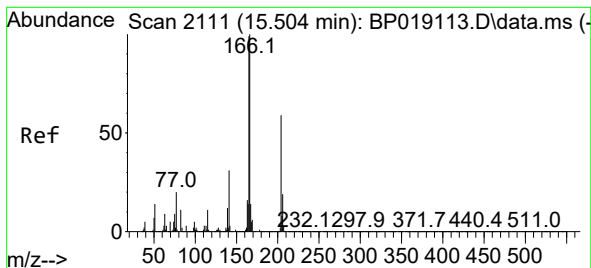
Tgt Ion:149 Resp: 278113
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 11.8 9.8 14.8



#61
Fluorene
Concen: 9.628 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:166 Resp: 282892
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 14.2 11.0 16.4

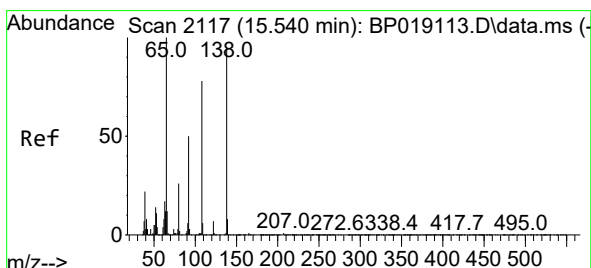
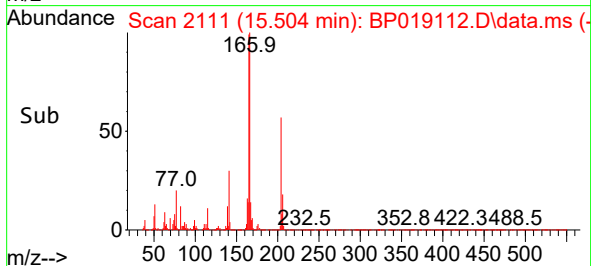
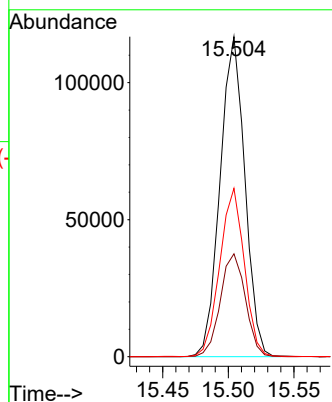
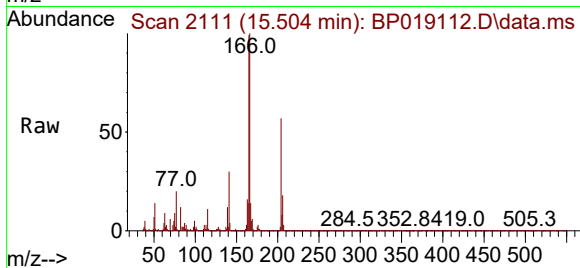




#62
4-Chlorophenyl-phenylether
Concen: 9.556 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

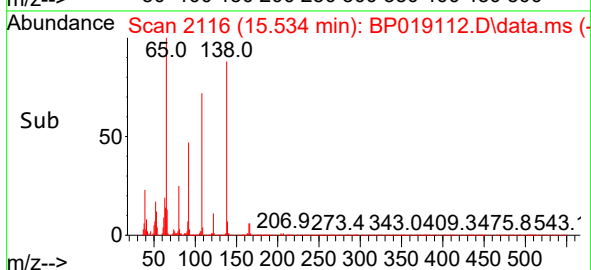
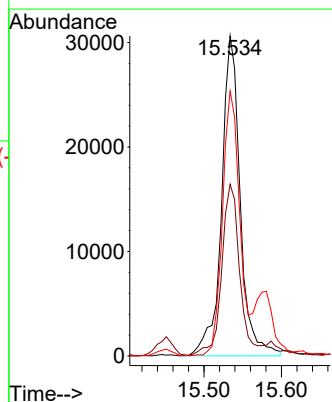
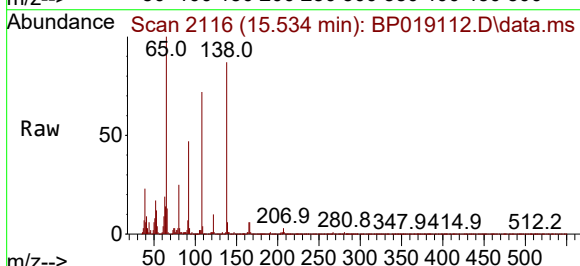
Instrument :
BNA_F
ClientSampleId :

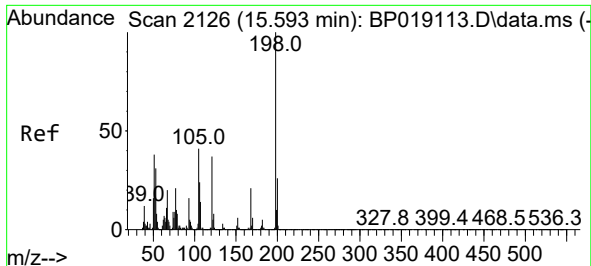
Tgt Ion:204 Resp: 153329
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 52.6 42.2 63.2



#63
4-Nitroaniline
Concen: 9.510 ng/ul
RT: 15.534 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:138 Resp: 51324
Ion Ratio Lower Upper
138 100
92 53.7 42.2 63.4
108 82.8 66.2 99.4

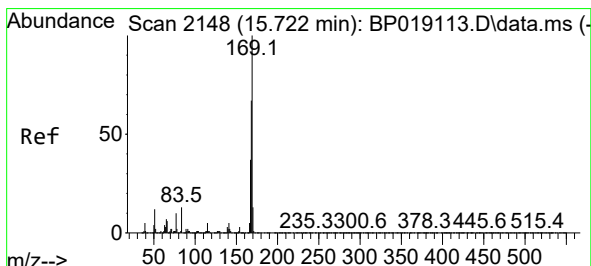
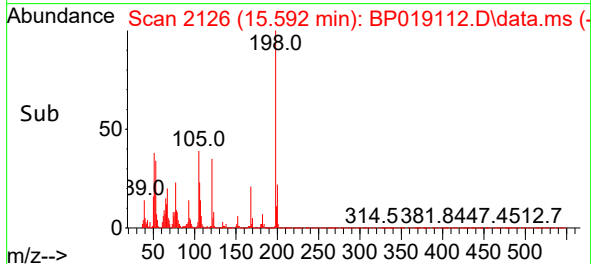
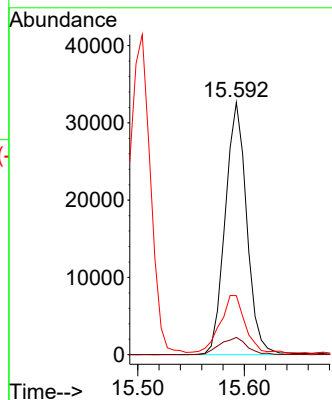
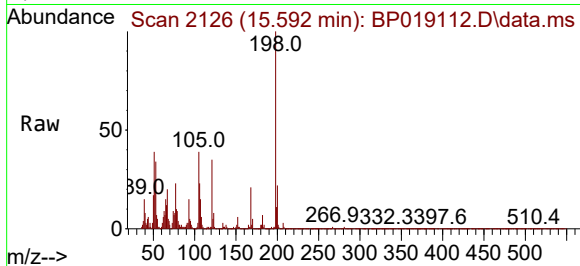




#66
4,6-Dinitro-2-methylphenol
Concen: 8.060 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

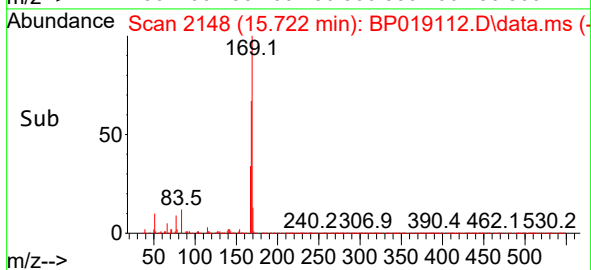
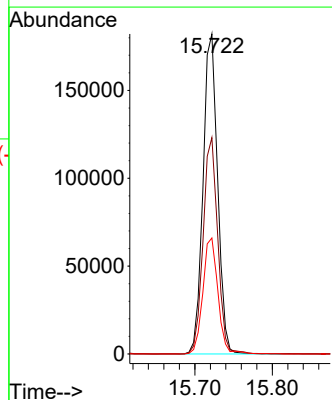
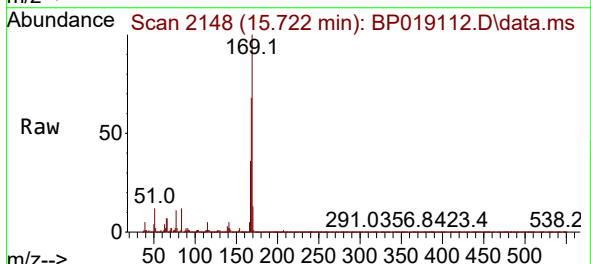
Instrument :
BNA_F
ClientSampleId :

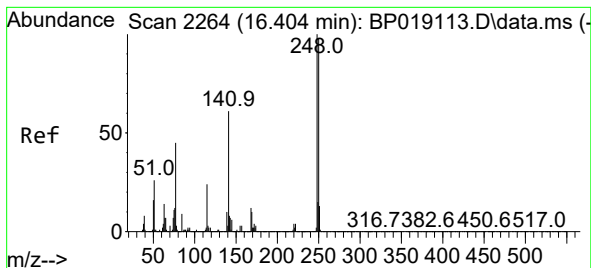
Tgt Ion:198 Resp: 45778
Ion Ratio Lower Upper
198 100
182 6.9 4.0 6.0#
77 23.4 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 9.523 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:169 Resp: 237802
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 36.3 29.5 44.3





#68

4-Bromophenyl-phenylether

Concen: 9.268 ng/ul

RT: 16.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

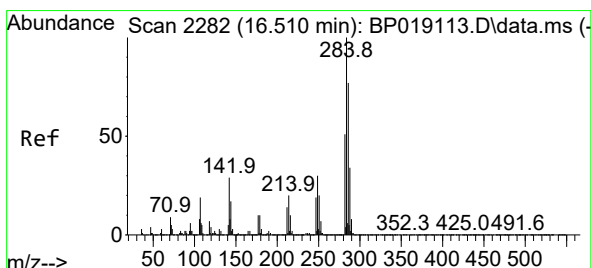
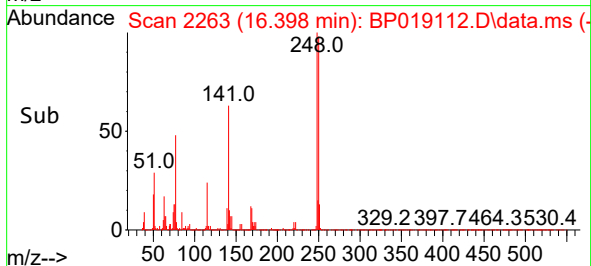
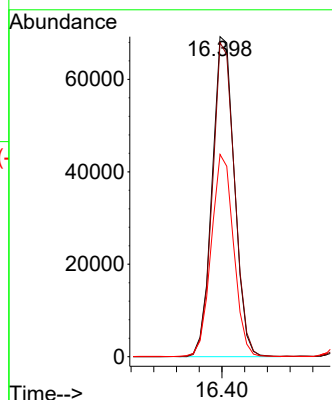
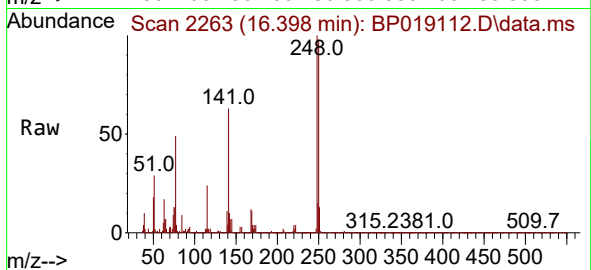
Tgt Ion:248 Resp: 94259

Ion Ratio Lower Upper

248 100

250 98.2 78.3 117.5

141 63.2 48.6 72.8



#69

Hexachlorobenzene

Concen: 9.183 ng/ul

RT: 16.510 min Scan# 2282

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

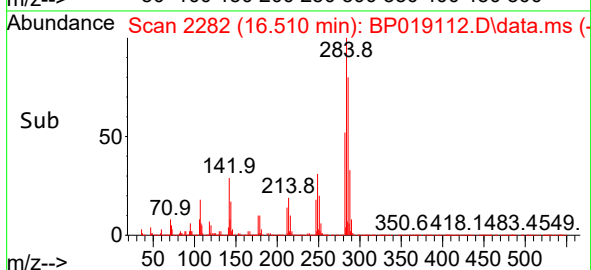
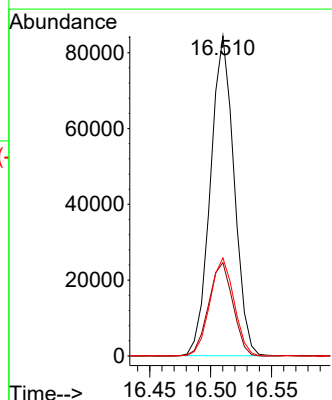
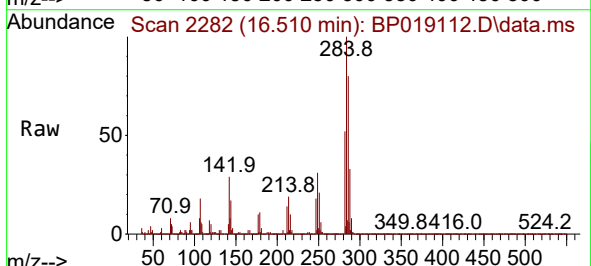
Tgt Ion:284 Resp: 114133

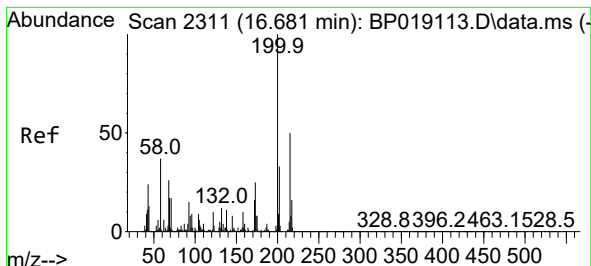
Ion Ratio Lower Upper

284 100

142 29.2 22.9 34.3

249 30.7 23.7 35.5





#70

Atrazine

Concen: 11.933 ng/ul

RT: 16.681 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019112.D

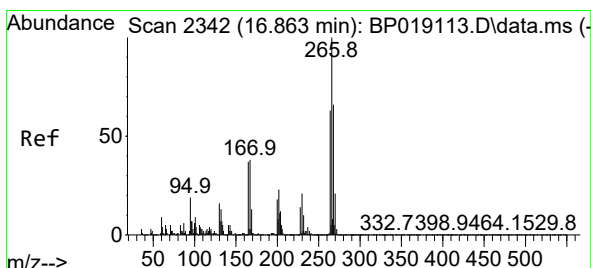
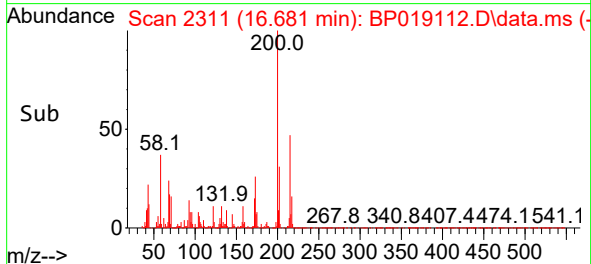
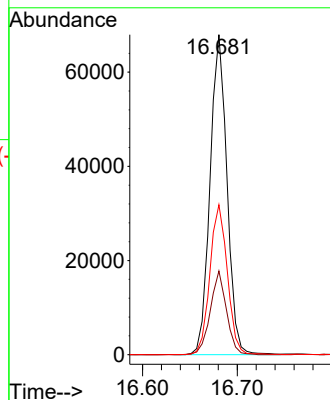
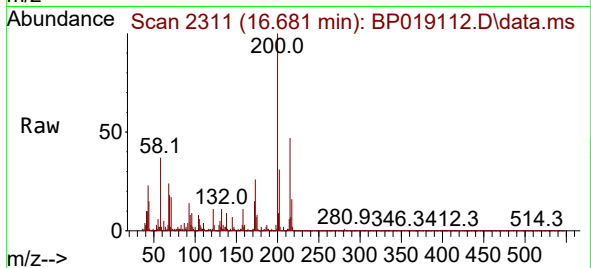
Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	200	Resp:	84096
Ion Ratio	Lower	Upper	
200	100		
173	26.1	20.2	30.2
215	46.9	39.9	59.9



#71

Pentachlorophenol

Concen: 8.045 ng/ul

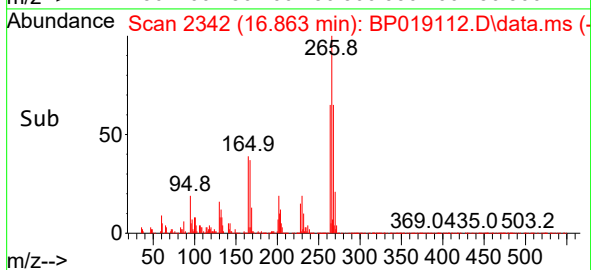
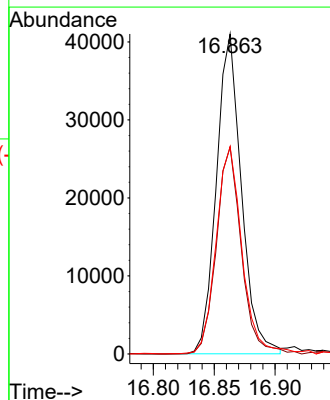
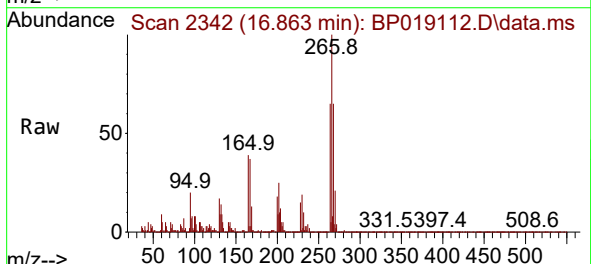
RT: 16.863 min Scan# 2342

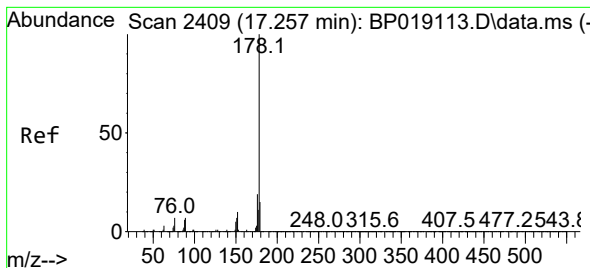
Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Tgt Ion:	266	Resp:	58707
Ion Ratio	Lower	Upper	
266	100		
264	64.6	50.0	75.0
268	64.8	52.8	79.2





#72

Phenanthrene

Concen: 9.543 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

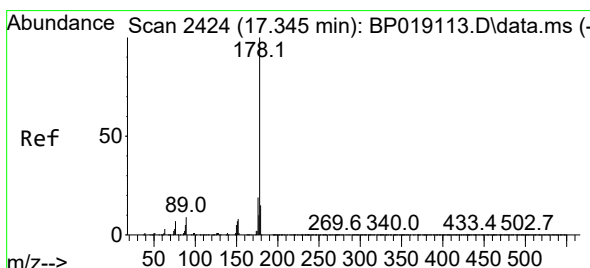
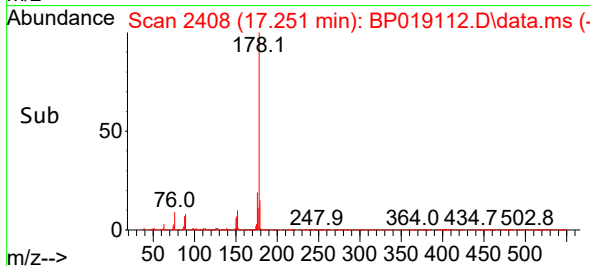
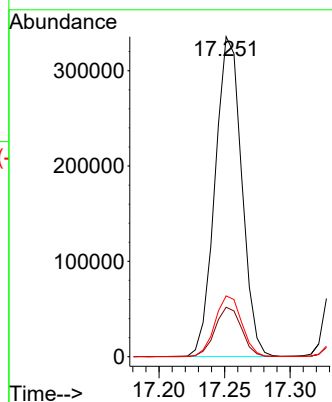
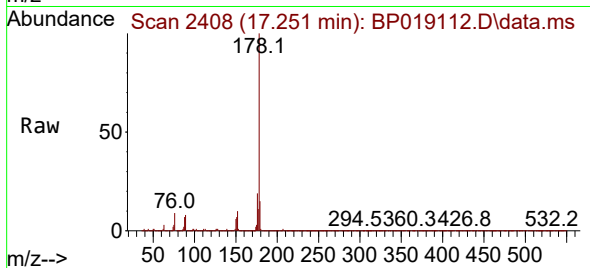
Tgt Ion:178 Resp: 473202

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 19.0 15.0 22.6



#74

Anthracene

Concen: 9.580 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

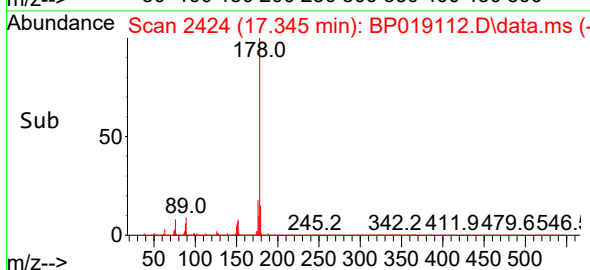
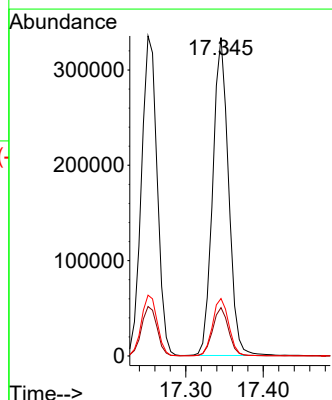
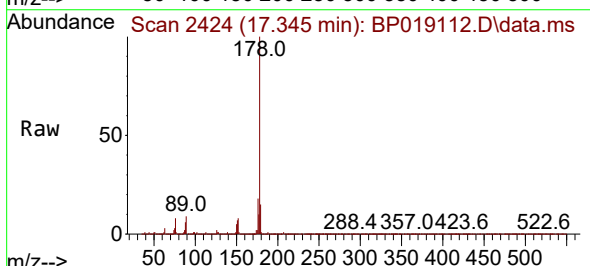
Tgt Ion:178 Resp: 472899

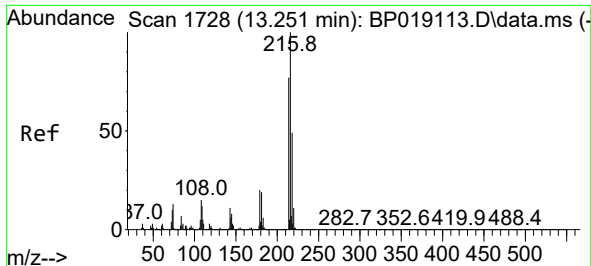
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.0 14.9 22.3

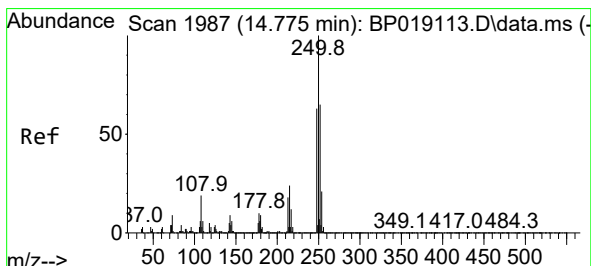
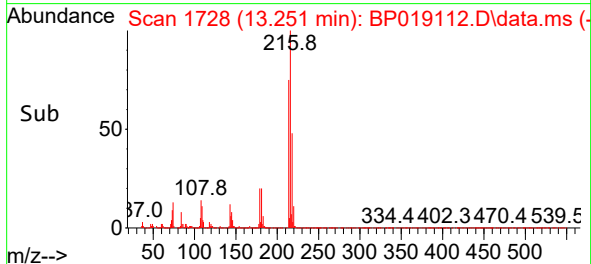
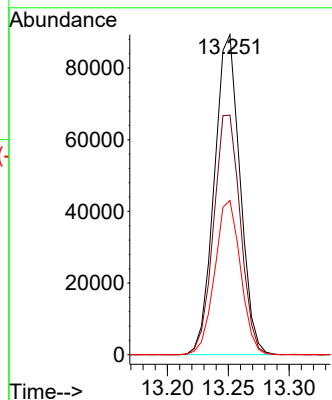
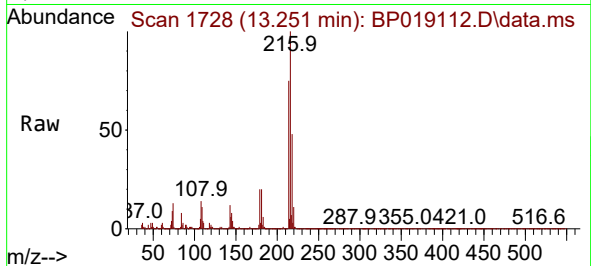




#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.241 ng/uL
RT: 13.251 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

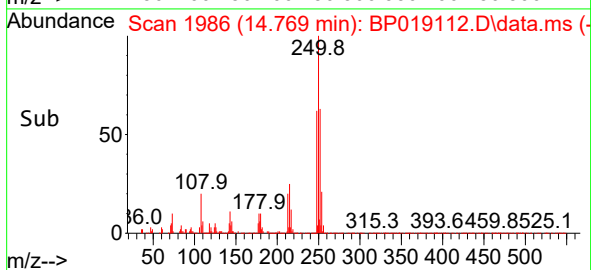
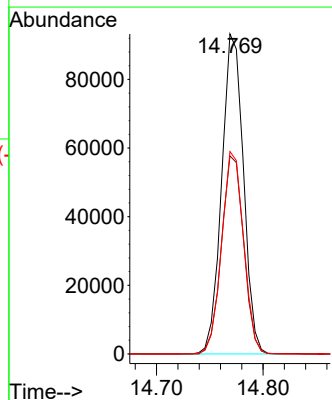
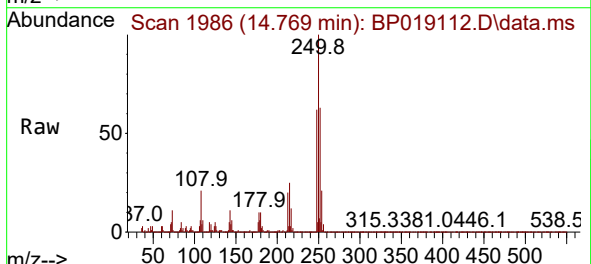
Instrument :
BNA_F
ClientSampleId :

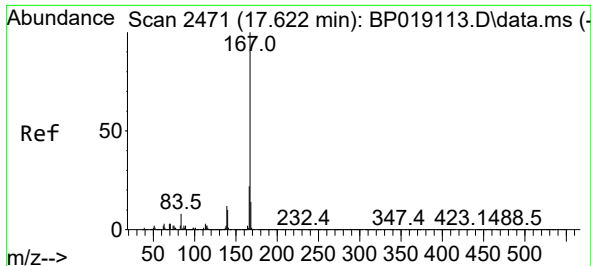
Tgt Ion:216 Resp: 131466
Ion Ratio Lower Upper
216 100
214 74.8 61.6 92.4
218 48.2 38.9 58.3



#76
Pentachlorobenzene
Concen: 9.337 ng/uL
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:250 Resp: 132002
Ion Ratio Lower Upper
250 100
248 61.9 50.4 75.6
252 63.2 52.1 78.1

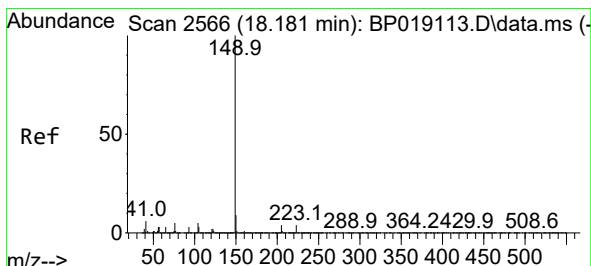
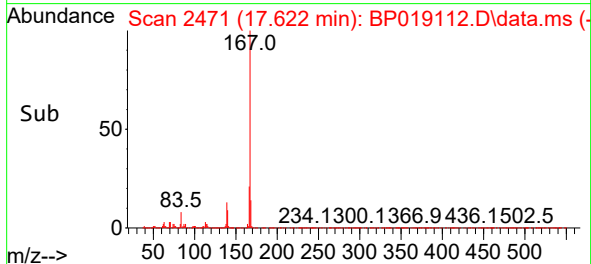
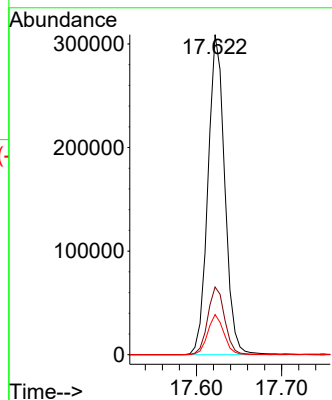
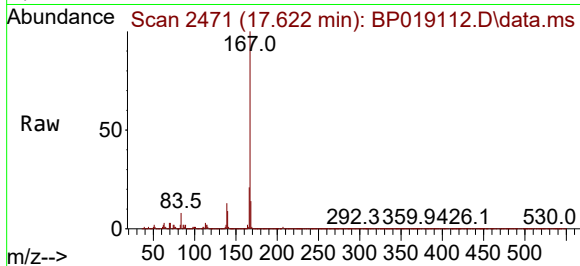




#77
Carbazole
Concen: 10.316 ng/ul
RT: 17.622 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

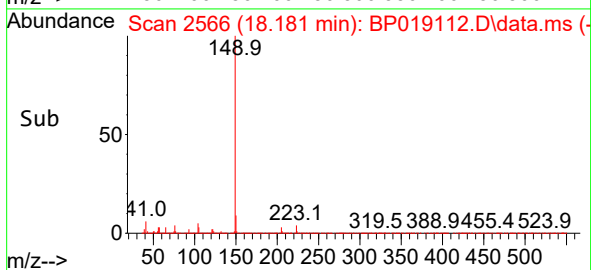
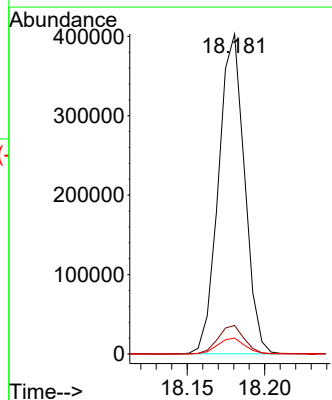
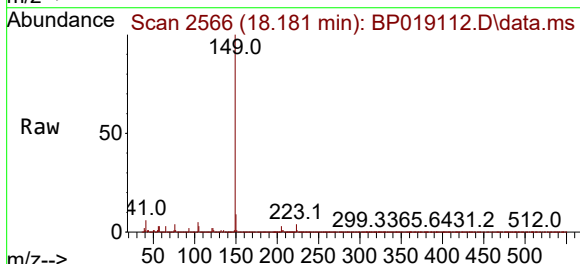
Instrument :
BNA_F
ClientSampleId :

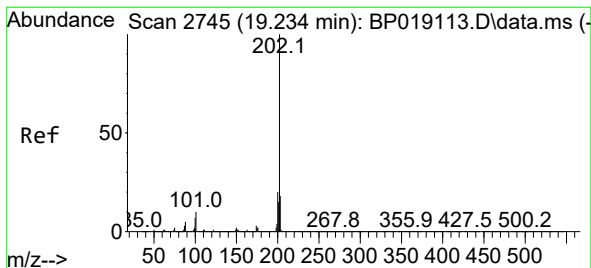
Tgt Ion:167 Resp: 423613
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.0
139 12.6 9.8 14.6



#78
Di-n-butylphthalate
Concen: 9.241 ng/ul
RT: 18.181 min Scan# 2566
Delta R.T. -0.000 min
Lab File: BP019112.D
Acq: 27 Dec 2023 13:07

Tgt Ion:149 Resp: 470593
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 9.245 ng/ul

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

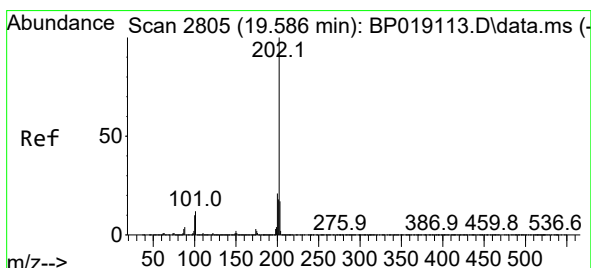
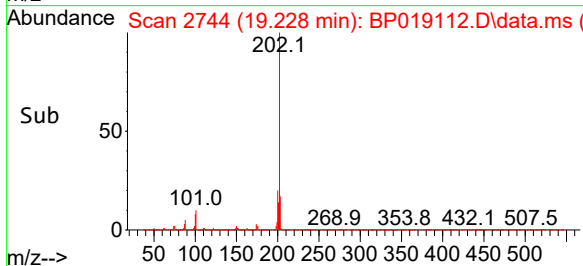
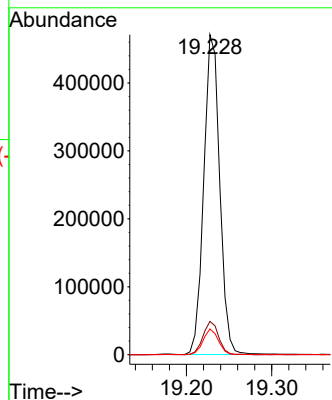
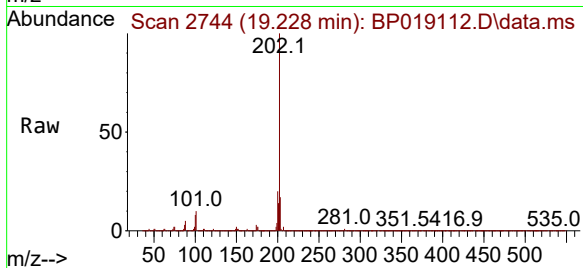
Tgt Ion:202 Resp: 612025

Ion Ratio Lower Upper

202 100

101 10.4 7.8 11.6

100 8.1 6.0 9.0



#82

Pyrene

Concen: 9.346 ng/ul

RT: 19.586 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

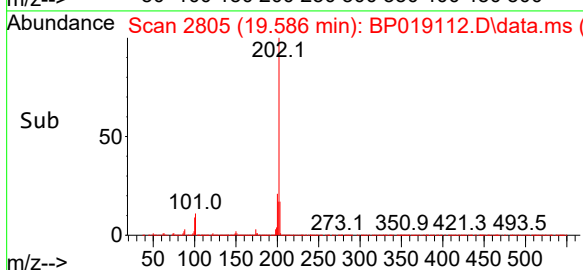
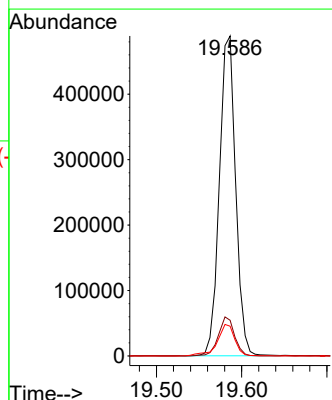
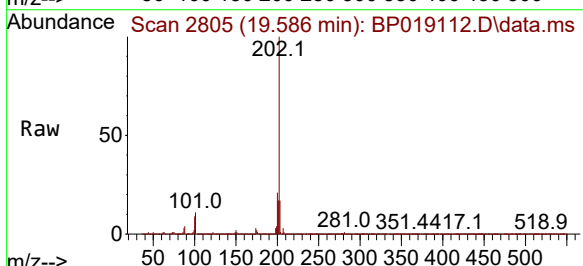
Tgt Ion:202 Resp: 648201

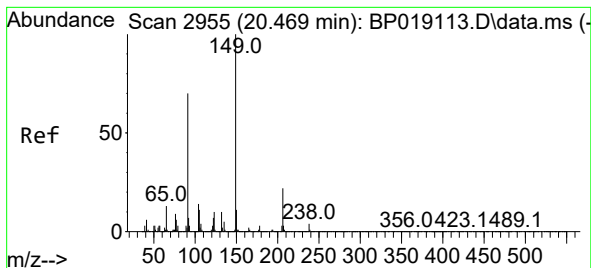
Ion Ratio Lower Upper

202 100

101 11.1 9.2 13.8

100 9.3 7.8 11.6





#83

Butylbenzylphthalate

Concen: 8.677 ng/ul

RT: 20.469 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

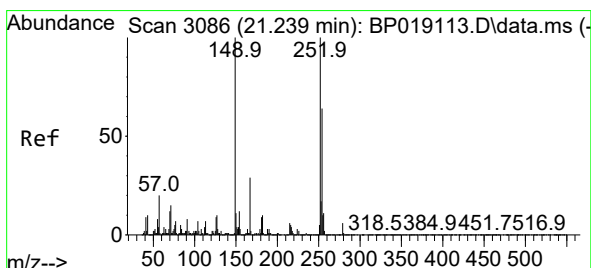
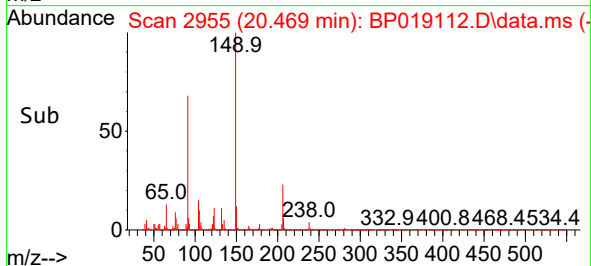
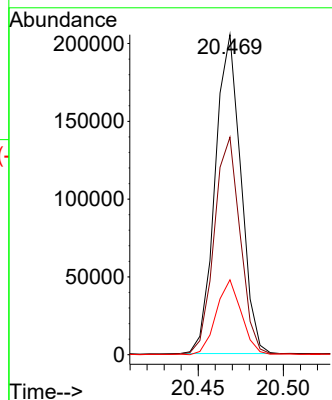
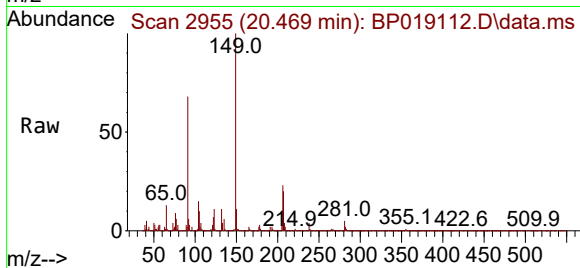
Tgt Ion:149 Resp: 214973

Ion Ratio Lower Upper

149 100

91 68.0 55.6 83.4

206 23.4 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 9.512 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

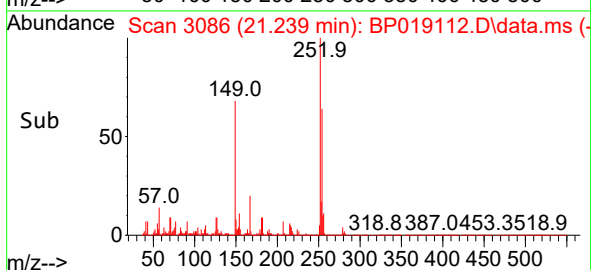
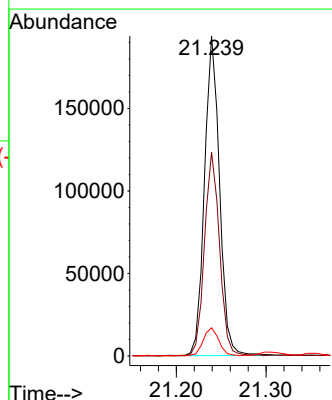
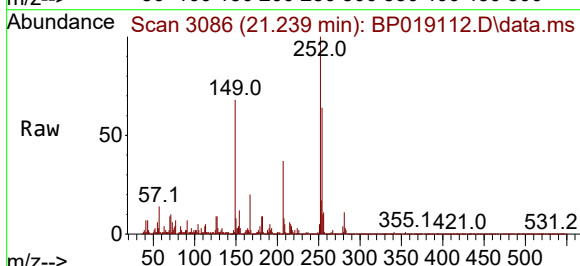
Tgt Ion:252 Resp: 225238

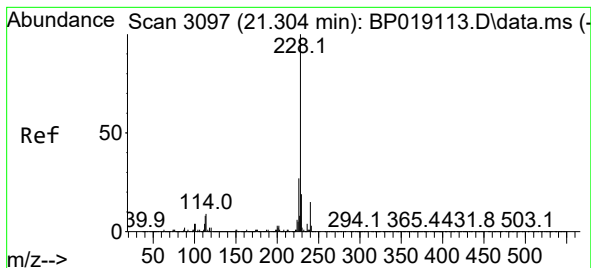
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 8.8 7.6 11.4





#85

Benzo(a)anthracene

Concen: 9.524 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

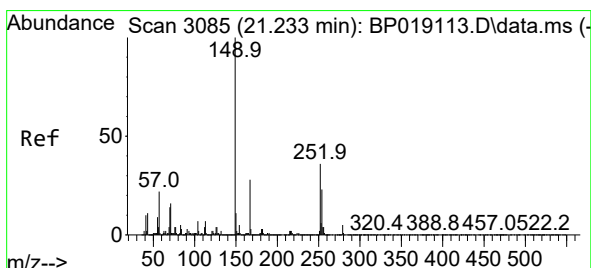
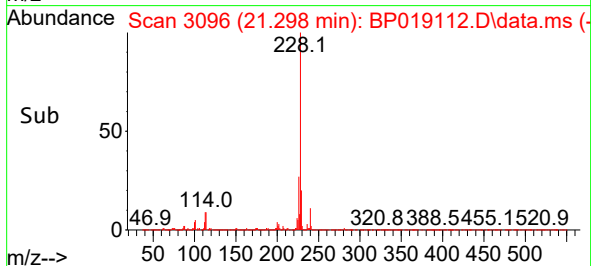
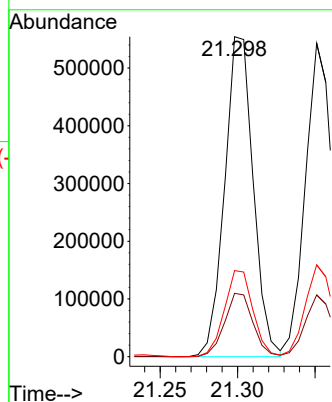
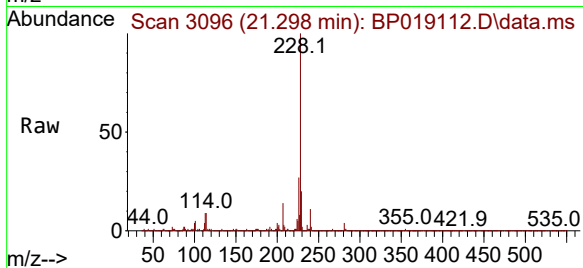
Tgt Ion:228 Resp: 712281

Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 8.967 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

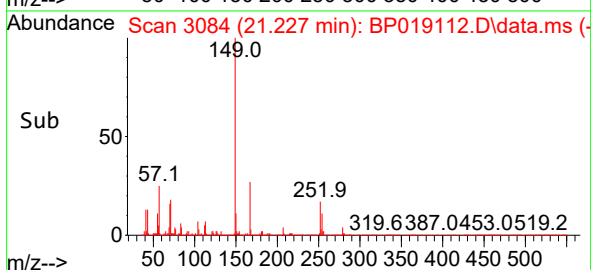
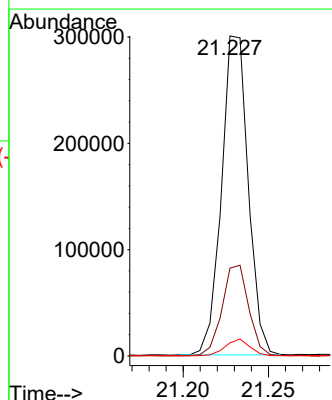
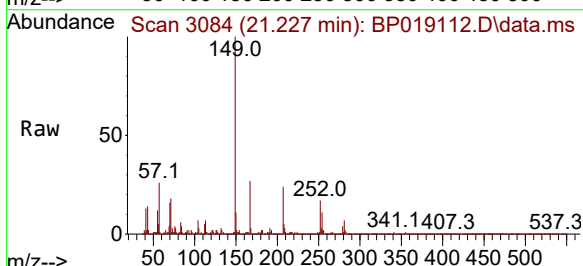
Tgt Ion:149 Resp: 327127

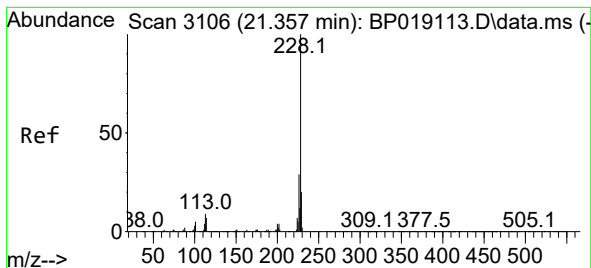
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.1 4.0 6.0





#87

Chrysene

Concen: 9.510 ng/ul

RT: 21.351 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

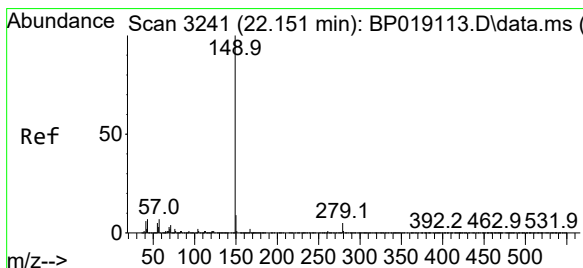
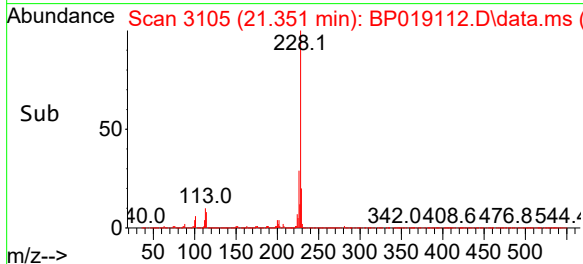
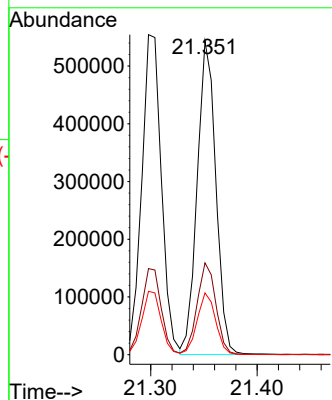
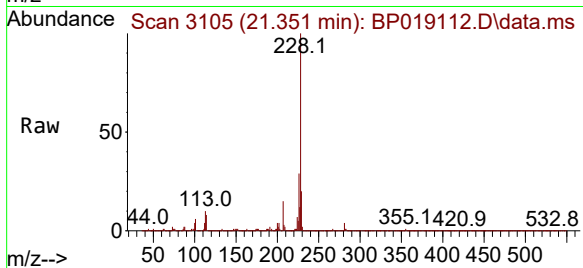
Tgt Ion:228 Resp: 663211

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.7 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 8.744 ng/ul

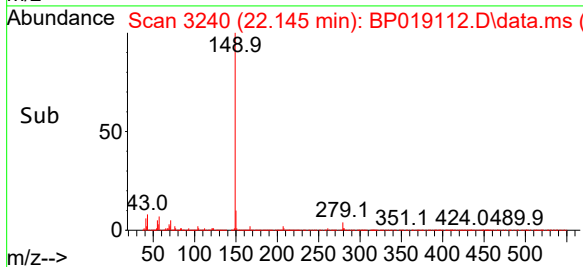
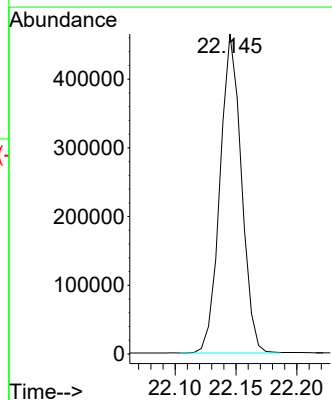
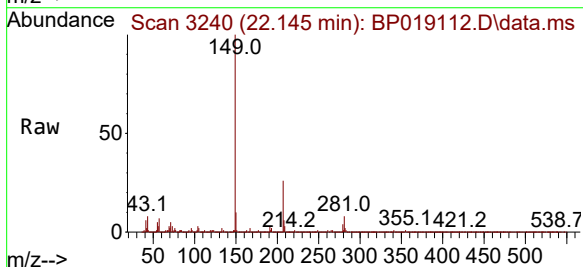
RT: 22.145 min Scan# 3240

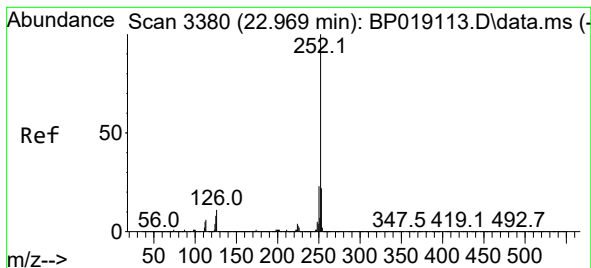
Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Tgt Ion:149 Resp: 567712





#90

Benzo(b)fluoranthene

Concen: 9.374 ng/ul

RT: 22.963 min Scan# 3379

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

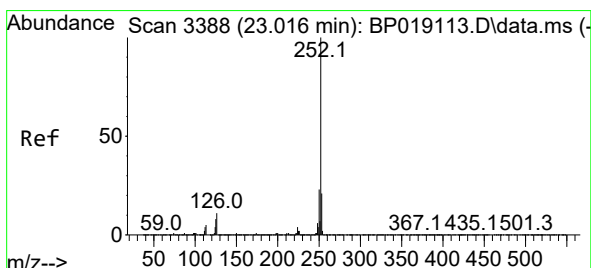
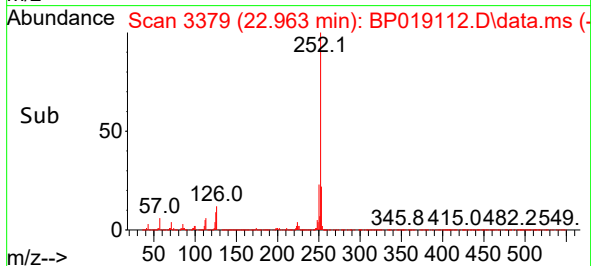
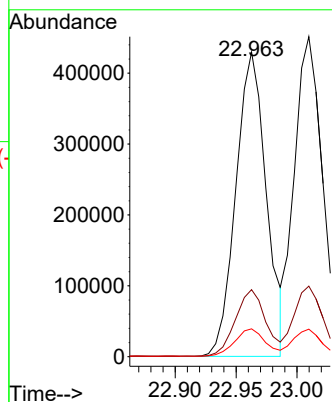
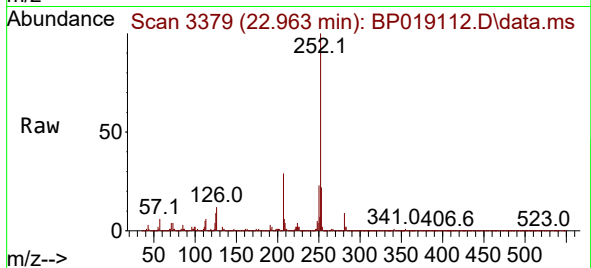
Tgt Ion:252 Resp: 747562

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.2 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 9.300 ng/ul

RT: 23.010 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

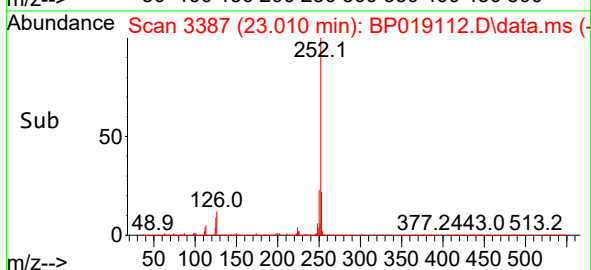
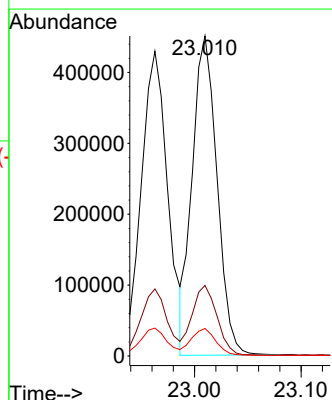
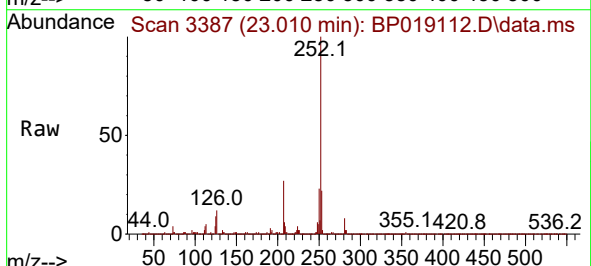
Tgt Ion:252 Resp: 728820

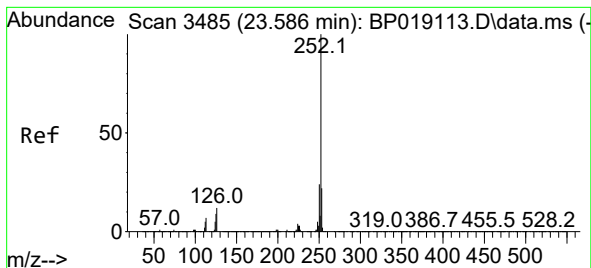
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.6 6.7 10.1





#93

Benzo(a)pyrene

Concen: 9.322 ng/ul

RT: 23.580 min Scan# 3485

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

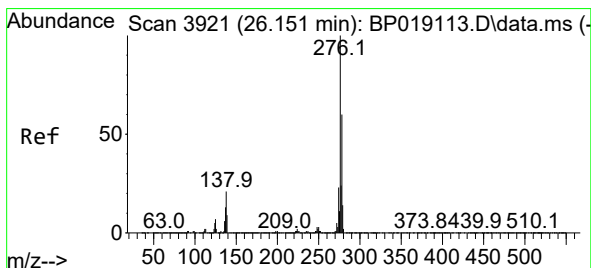
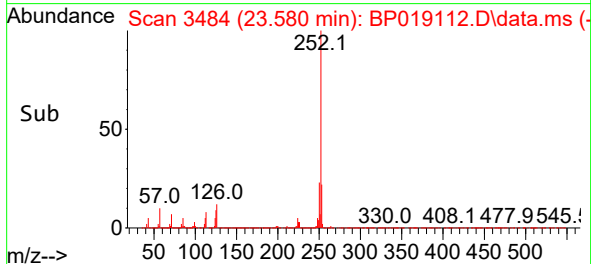
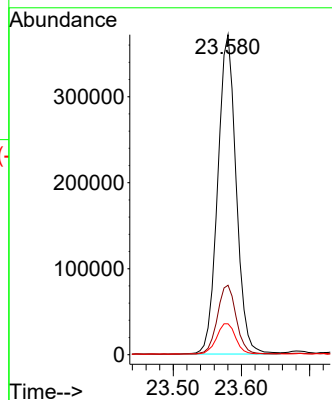
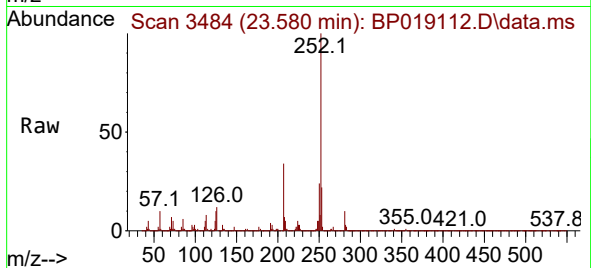
Tgt Ion:252 Resp: 699718

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.7 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.340 ng/ul

RT: 26.139 min Scan# 3919

Delta R.T. -0.012 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

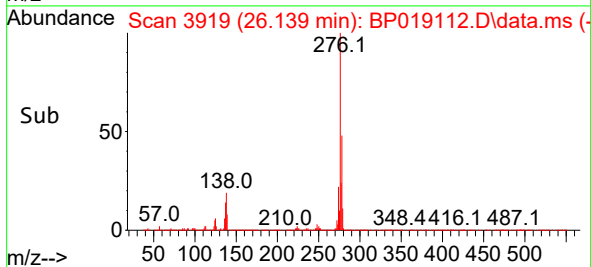
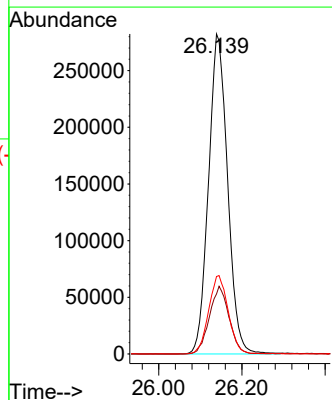
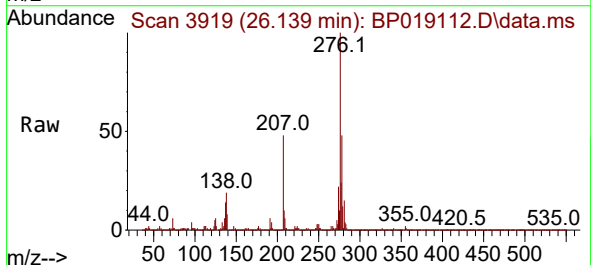
Tgt Ion:276 Resp: 898738

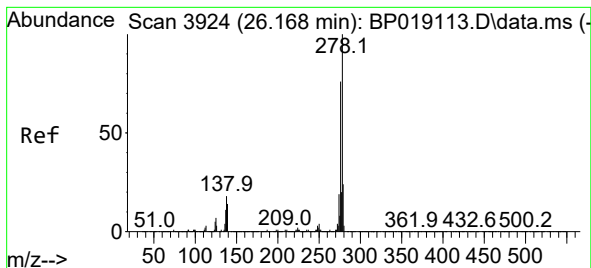
Ion Ratio Lower Upper

276 100

138 18.8 16.6 25.0

277 24.2 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 9.388 ng/ul

RT: 26.157 min Scan# 3924

Delta R.T. -0.012 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

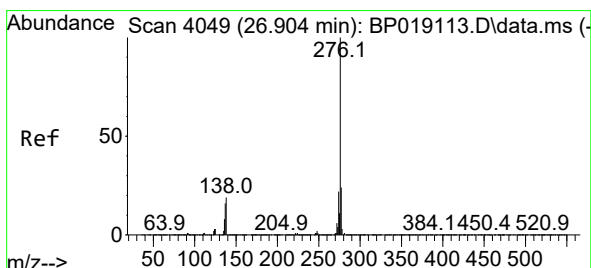
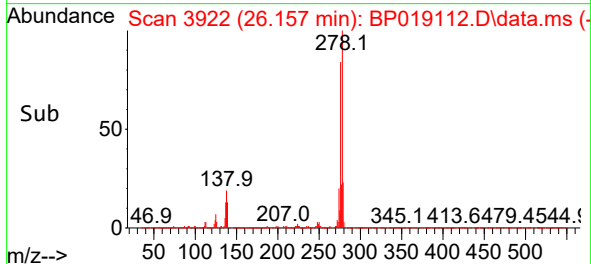
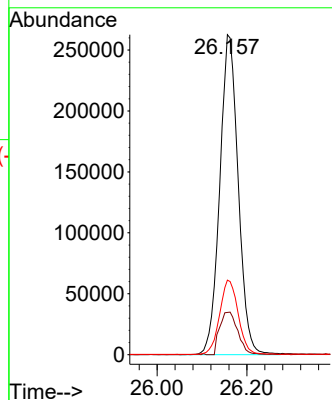
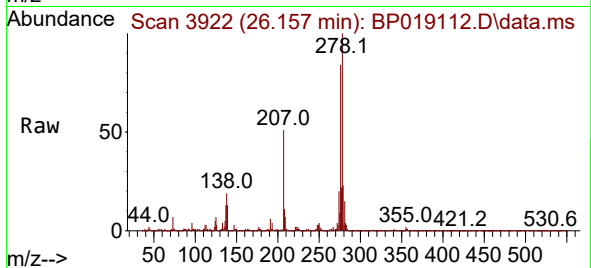
Tgt Ion:278 Resp: 751433

Ion Ratio Lower Upper

278 100

139 13.2 11.0 16.4

279 23.3 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 9.221 ng/ul

RT: 26.898 min Scan# 4048

Delta R.T. -0.006 min

Lab File: BP019112.D

Acq: 27 Dec 2023 13:07

Tgt Ion:276 Resp: 711004

Ion Ratio Lower Upper

276 100

138 19.5 15.2 22.8

277 24.8 19.4 29.0

