

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017024.D
 Acq On : 08 Sep 2023 21:58
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 04:20:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 01:41:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	499991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.805	136	2185394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	1333376	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2780015	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	2194253	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	2003719	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	113424	8.581	ng/uL	0.00
4) Pyridine-d5	3.758	84	842608	22.309	ng/ul	0.00
7) Phenol-d5	7.122	99	1027865	22.502	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.317	67	653353	22.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	745924	22.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	789394	22.684	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	376658	22.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	414573	22.557	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	749204	22.080	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1092242	22.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	2149253	21.654	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	2524703	22.041	ng/ul	0.00
54) 4-Nitrophenol-d4	14.846	143	410485	21.172	ng/ul	0.00
60) Fluorene-d10	15.628	176	1857935	21.863	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	320885	19.180	ng/ul	0.00
73) Anthracene-d10	17.498	188	2785555	21.818	ng/ul	0.00
81) Pyrene-d10	19.733	212	2941743	22.011	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	2179962	21.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	124470	8.722	ng/uL	100
5) Pyridine	3.781	79	884876	22.008	ng/ul	99
6) Benzaldehyde	7.134	77	360577	17.416	ng/ul	97
8) Phenol	7.152	94	1069125	22.527	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.411	93	853663	22.556	ng/ul	99
12) 2-Chlorophenol	7.528	128	796214	22.607	ng/ul	100
13) 2-Methylphenol	8.416	108	784330	22.530	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	735671	13.806	ng/ul	99
16) Acetophenone	8.828	105	1292501	23.016	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.799	70	700898	23.364	ng/ul	100
18) 4-Methylphenol	8.752	108	860206	22.658	ng/ul	97
19) Hexachloroethane	9.046	117	330219	22.633	ng/ul	99
22) Nitrobenzene	9.216	77	1031266	22.780	ng/ul	97
23) Isophorone	9.734	82	1911013	22.469	ng/ul	99
25) 2-Nitrophenol	9.922	139	453283	22.401	ng/ul	99
26) 2,4-Dimethylphenol	9.958	107	928488	22.473	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.216	93	1166514	22.131	ng/ul	100
29) 2,4-Dichlorophenol	10.440	162	765640	22.141	ng/ul	98
30) Naphthalene	10.852	128	2584833	21.676	ng/ul	100
32) 4-Chloroaniline	10.987	127	1142892	22.433	ng/ul	99
33) Hexachlorobutadiene	11.081	225	428543	20.734	ng/ul	99
34) Caprolactam	11.816	113	168075	14.676	ng/ul	89
35) 4-Chloro-3-methylphenol	12.087	107	863609	22.790	ng/ul	100
36) 2-Methylnaphthalene	12.457	142	1737195	22.044	ng/ul	99

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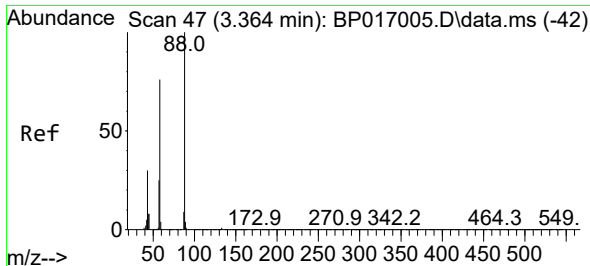
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 01:41:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	1737807	21.903	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	834023	21.230	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	533634	20.964	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	585288	21.890	ng/ul	100
42) 2,4,5-Trichlorophenol	13.128	196	635785	21.854	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	2311399	21.900	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1800073	21.722	ng/ul	99
45) 2-Nitroaniline	13.746	65	595514	24.130	ng/ul	98
47) Dimethylphthalate	14.093	163	2259360	21.695	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	462653	22.875	ng/ul	99
50) Acenaphthylene	14.357	152	2831433	22.076	ng/ul	100
51) 3-Nitroaniline	14.575	138	394737	19.557	ng/ul	99
52) Acenaphthene	14.698	153	1951127	21.804	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	281357	22.437	ng/ul	99
55) 4-Nitrophenol	14.863	109	339572	21.884	ng/ul	97
56) Dibenzofuran	15.034	168	2674277	21.734	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	669245	23.052	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.246	232	501984	21.401	ng/ul	95
59) Diethylphthalate	15.445	149	2275893	21.869	ng/ul	99
61) Fluorene	15.681	166	2221717	21.901	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	1049991	21.418	ng/ul	98
63) 4-Nitroaniline	15.745	138	309710	17.452	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.769	198	340475	19.425	ng/ul	94
67) N-Nitrosodiphenylamine	15.898	169	1834166	21.880	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	584123	21.120	ng/ul	98
69) Hexachlorobenzene	16.657	284	623380	20.561	ng/ul	95
70) Atrazine	16.857	200	631315	21.997	ng/ul	98
71) Pentachlorophenol	17.022	266	382183	19.331	ng/ul	99
72) Phenanthrene	17.440	178	3375703	21.852	ng/ul	100
74) Anthracene	17.534	178	3409689	21.957	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	849398	21.449	ng/ul	99
76) Pentachlorobenzene	14.922	250	801187	21.004	ng/ul	98
77) Carbazole	17.816	167	3082724	22.091	ng/ul	99
78) Di-n-butylphthalate	18.328	149	3867526	22.622	ng/ul	100
80) Fluoranthene	19.404	202	3700144	22.172	ng/ul	98
82) Pyrene	19.763	202	3840076	22.162	ng/ul	98
83) Butylbenzylphthalate	20.622	149	1702734	23.763	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.416	252	975500	20.032	ng/ul	100
85) Benzo(a)anthracene	21.475	228	3446354	22.301	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	2398542	24.229	ng/ul	100
87) Chrysene	21.533	228	3146329	21.765	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	3835585	22.835	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2995839	21.400	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	2929946	21.612	ng/ul	99
93) Benzo(a)pyrene	23.910	252	2509398	21.491	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.710	276	2835231	21.874	ng/ul	99
95) Dibenzo(a,h)anthracene	26.739	278	2346537	21.934	ng/ul	99
96) Benzo(g,h,i)perylene	27.551	276	2228631	21.819	ng/ul	99

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

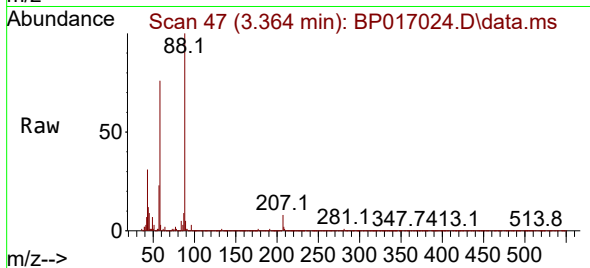
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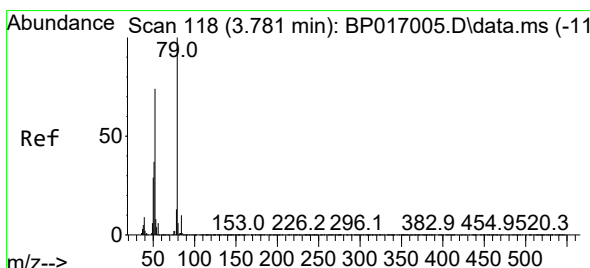
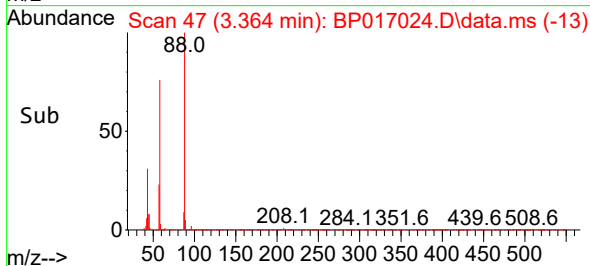
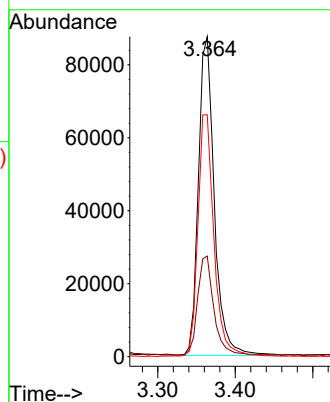


#2
 1,4-Dioxane
 Concen: 8.722 ng/uL
 RT: 3.364 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: BP017024.D
 Acq: 08 Sep 2023 21:58

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 BNA_F
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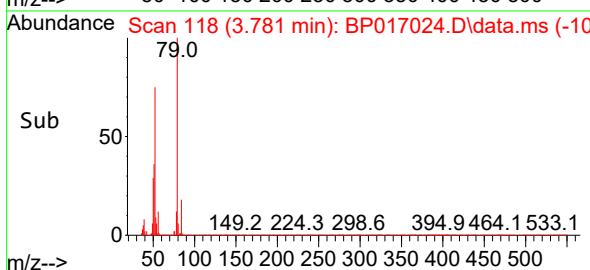
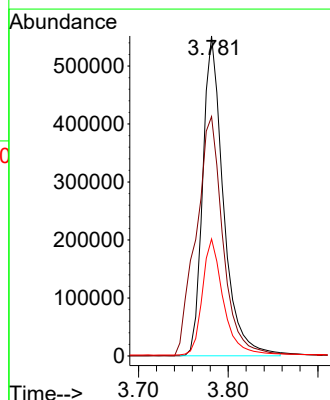
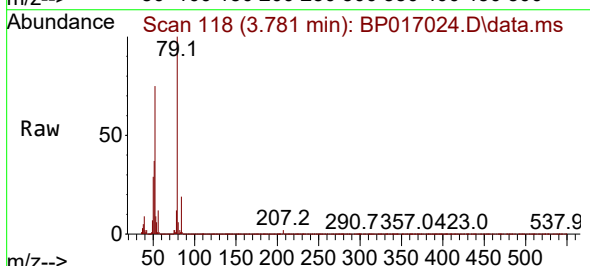


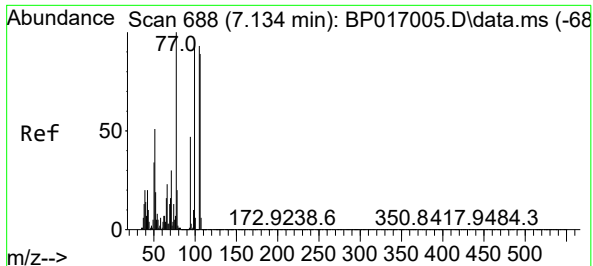
Tgt Ion: 88 Resp: 124470
 Ion Ratio Lower Upper
 88 100
 43 31.4 25.0 37.6
 58 75.6 60.6 90.8



#5
 Pyridine
 Concen: 22.008 ng/uL
 RT: 3.781 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: BP017024.D
 Acq: 08 Sep 2023 21:58

Tgt Ion: 79 Resp: 884876
 Ion Ratio Lower Upper
 79 100
 52 74.8 60.1 90.1
 51 36.5 30.5 45.7

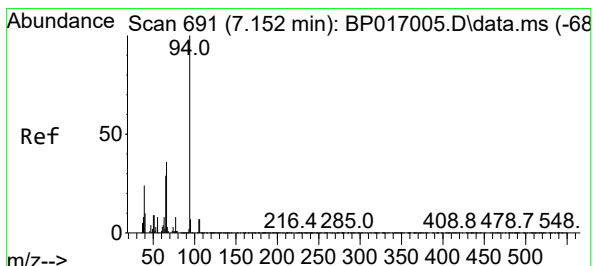
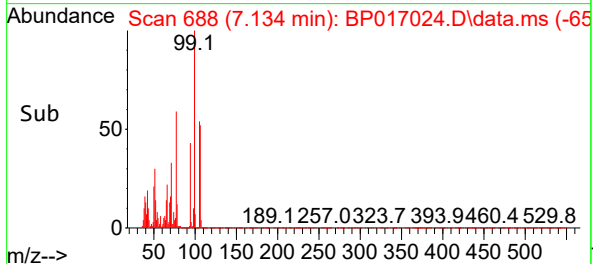
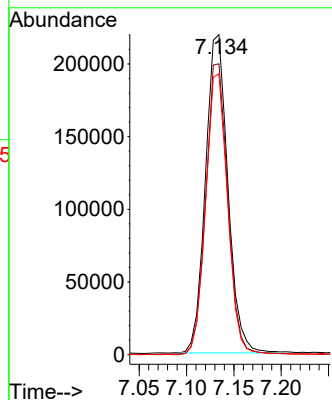
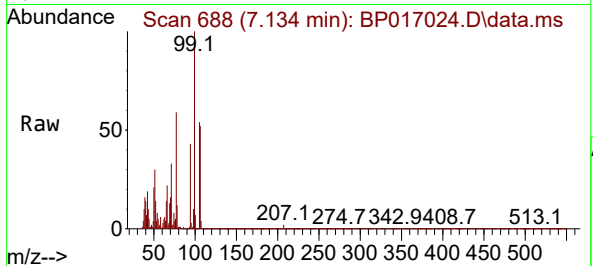




#6
Benzaldehyde
Concen: 17.416 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

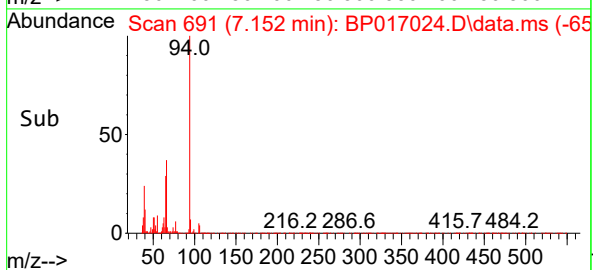
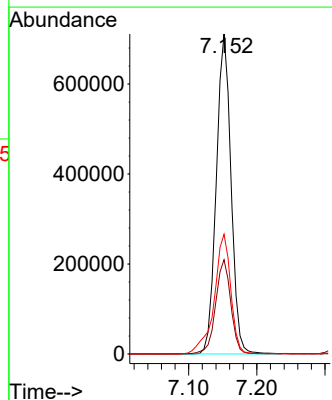
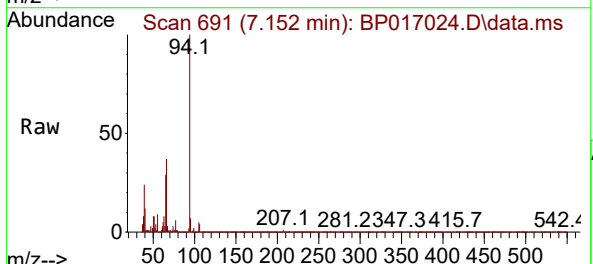
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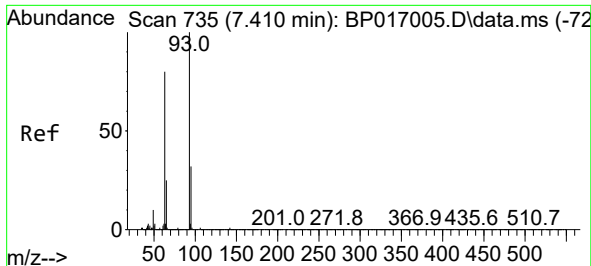
Tgt Ion: 77 Resp: 360577
Ion Ratio Lower Upper
77 100
105 90.9 75.4 113.0
106 87.8 71.4 107.2



#8
Phenol
Concen: 22.527 ng/ul
RT: 7.152 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

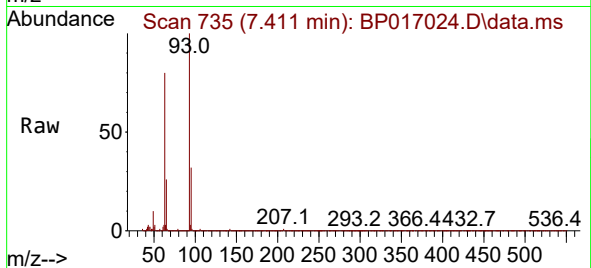
Tgt Ion: 94 Resp: 1069125
Ion Ratio Lower Upper
94 100
65 29.4 23.2 34.8
66 37.4 29.4 44.2



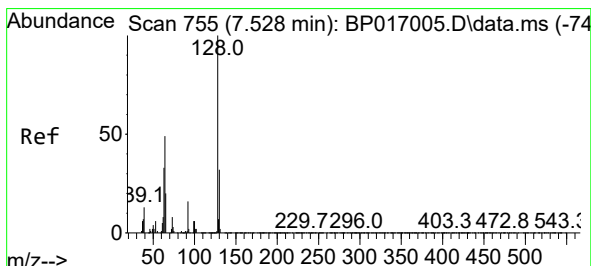
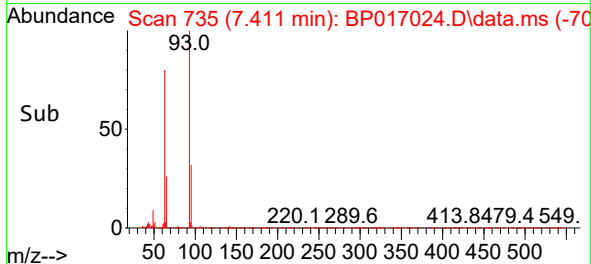
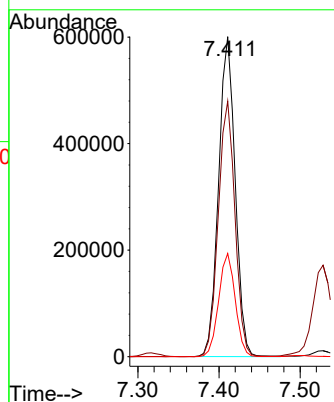


#10
Bis(2-Chloroethyl)ether
Concen: 22.556 ng/ul
RT: 7.411 min Scan# 735
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Instrument :
BNA_F
ClientSampleId :

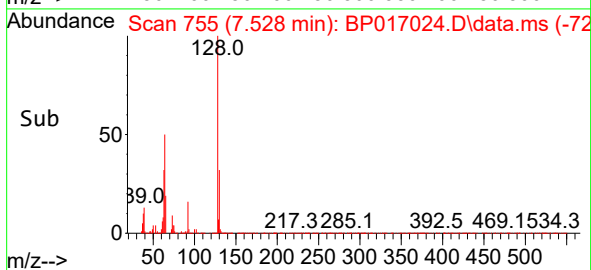
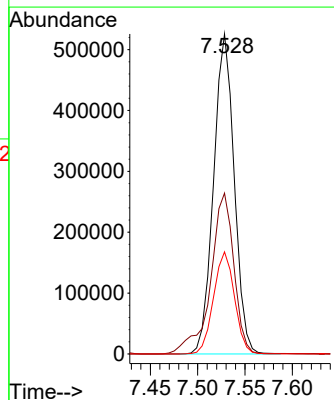
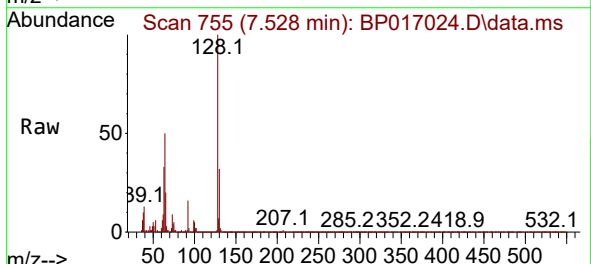


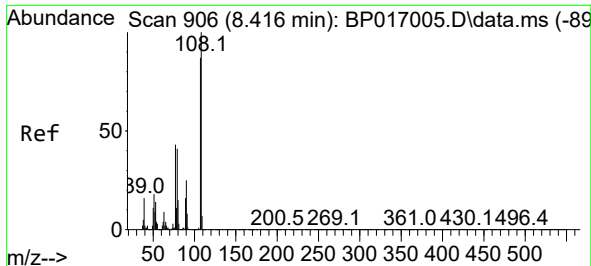
Tgt Ion: 93 Resp: 853663
Ion Ratio Lower Upper
93 100
63 79.9 63.4 95.2
95 32.3 26.1 39.1



#12
2-Chlorophenol
Concen: 22.607 ng/ul
RT: 7.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion: 128 Resp: 796214
Ion Ratio Lower Upper
128 100
64 50.2 40.2 60.2
130 31.9 25.2 37.8





#13

2-Methylphenol

Concen: 22.530 ng/ul

RT: 8.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

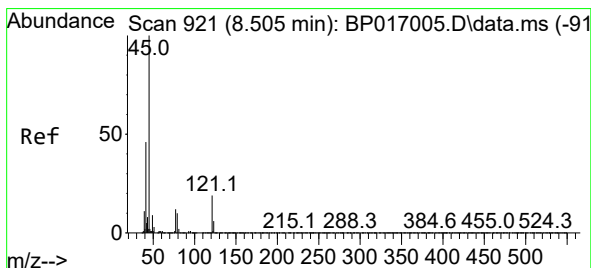
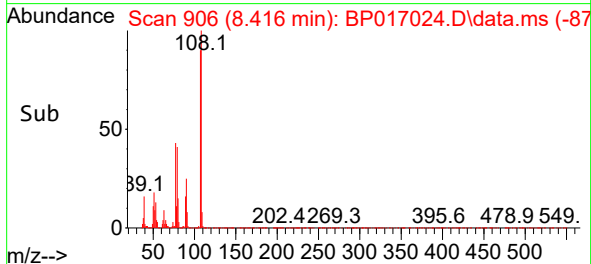
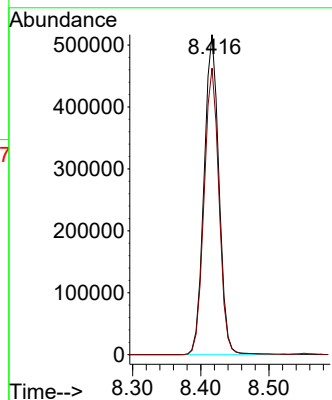
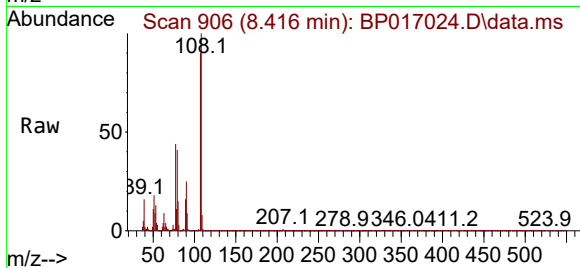
ClientSampleId :

Tgt Ion:108 Resp: 784330

Ion Ratio Lower Upper

108 100

107 89.5 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.806 ng/ul

RT: 8.487 min Scan# 918

Delta R.T. -0.018 min

Lab File: BP017024.D

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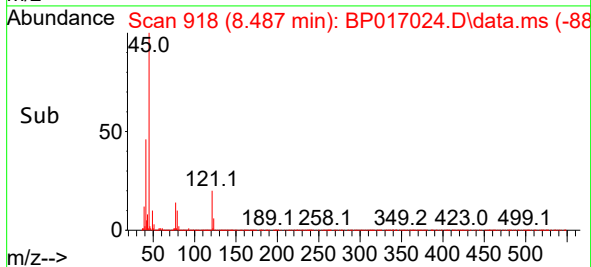
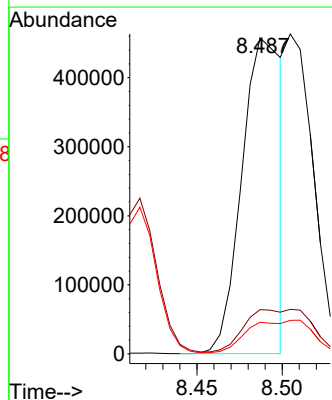
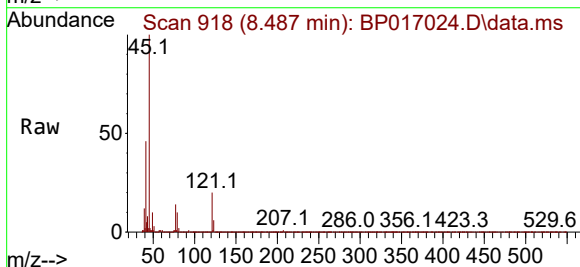
Tgt Ion: 45 Resp: 735671

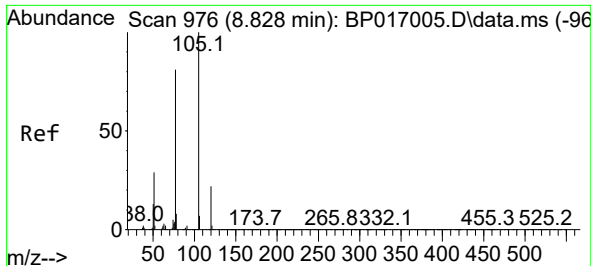
Ion Ratio Lower Upper

45 100

77 14.0 11.3 16.9

79 10.0 9.0 13.4

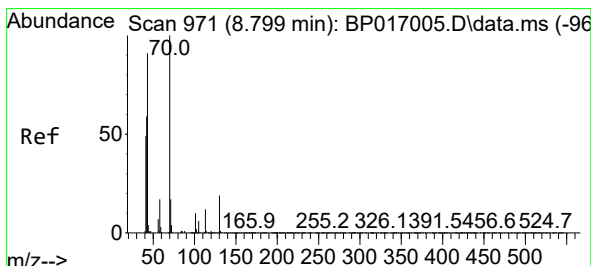
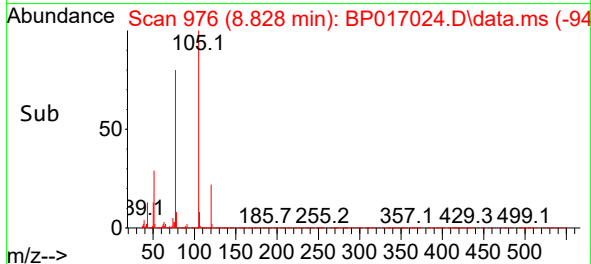
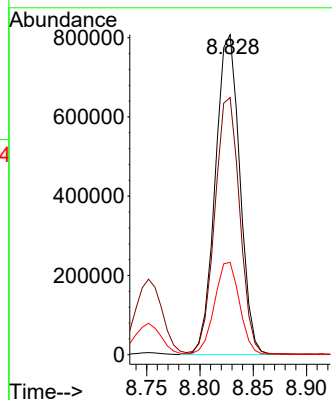
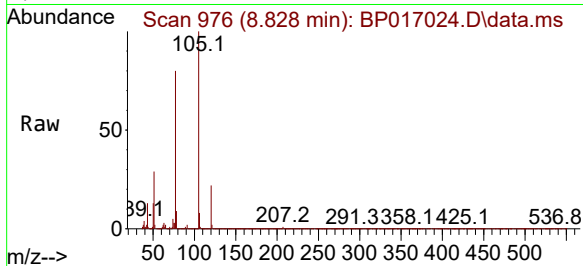




#16
Acetophenone
Concen: 23.016 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. 0.000 min
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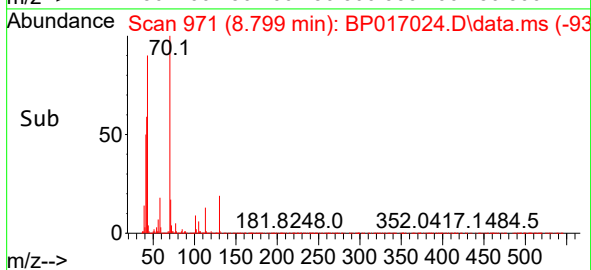
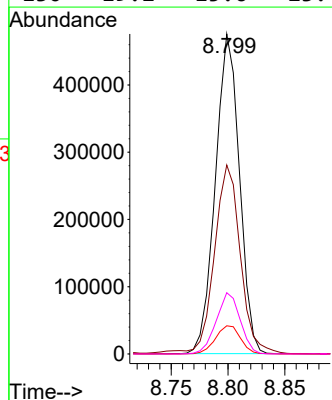
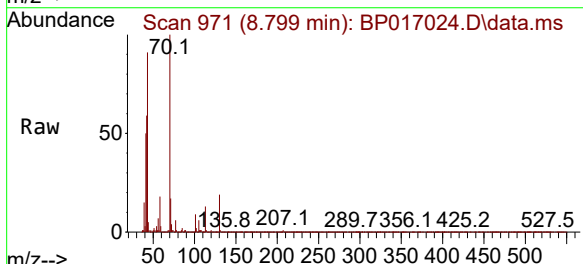
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ClientSampleId :

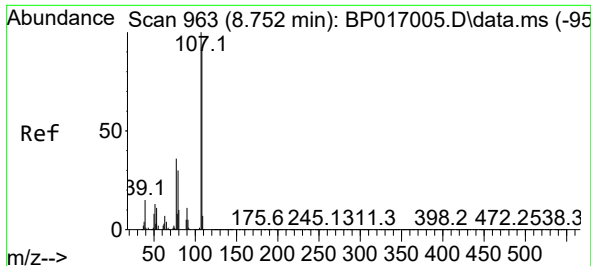
Tgt Ion:105 Resp: 1292501
Ion Ratio Lower Upper
105 100
77 80.4 63.6 95.4
51 28.8 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 23.364 ng/ul
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion: 70 Resp: 700898
Ion Ratio Lower Upper
70 100
42 59.0 47.4 71.2
101 8.8 7.3 10.9
130 19.2 15.6 23.4

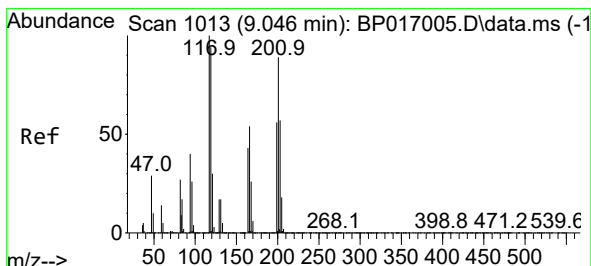
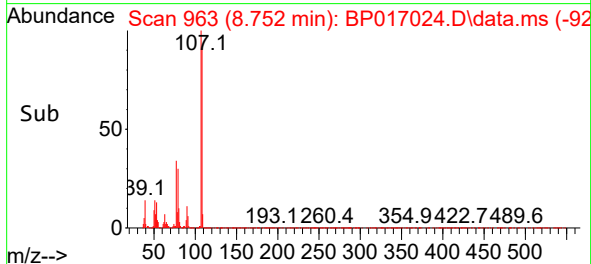
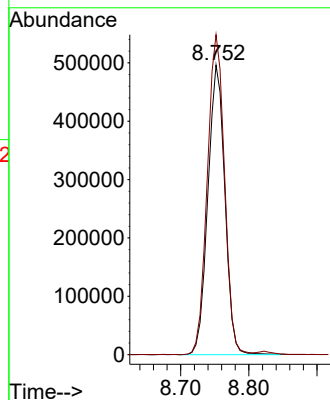
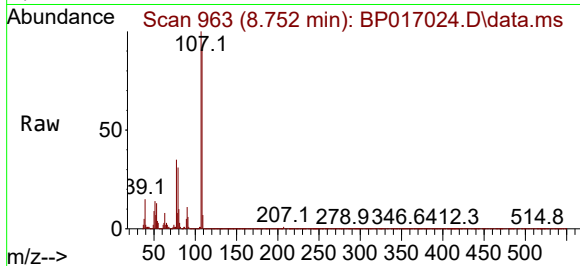




#18
4-Methylphenol
Concen: 22.658 ng/ul
RT: 8.752 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

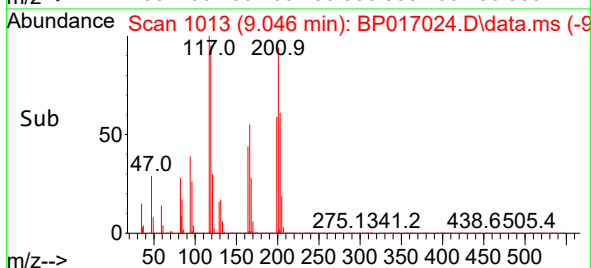
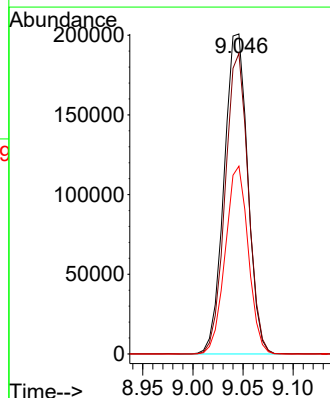
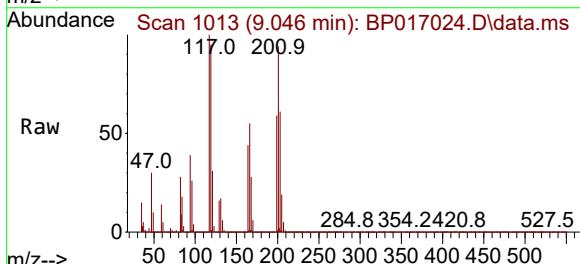
Instrument :
BNA_F
ClientSampleId :

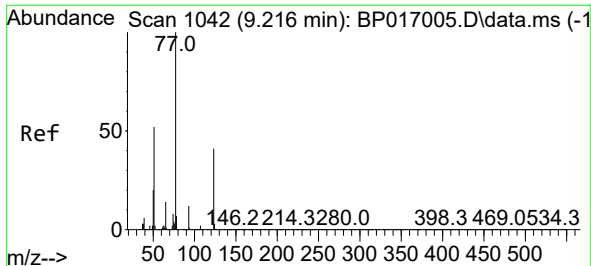
Tgt Ion:108 Resp: 860206
Ion Ratio Lower Upper
108 100
107 110.5 90.6 135.8



#19
Hexachloroethane
Concen: 22.633 ng/ul
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:117 Resp: 330219
Ion Ratio Lower Upper
117 100
201 93.9 75.8 113.6
199 58.7 46.8 70.2

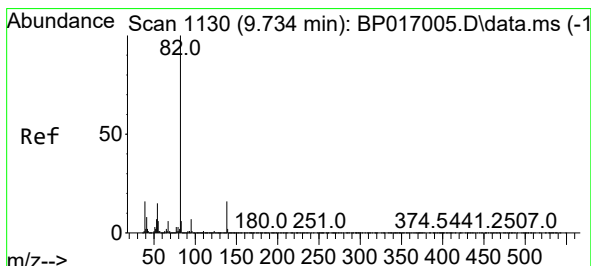
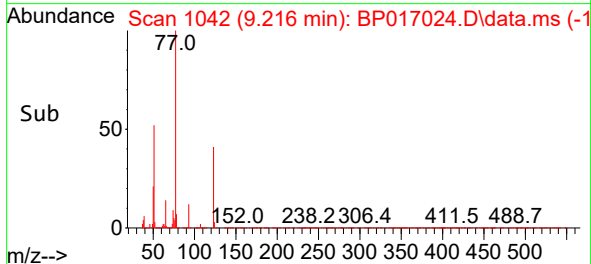
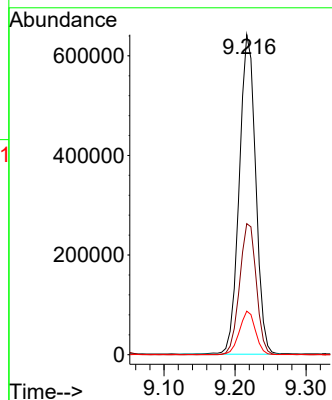
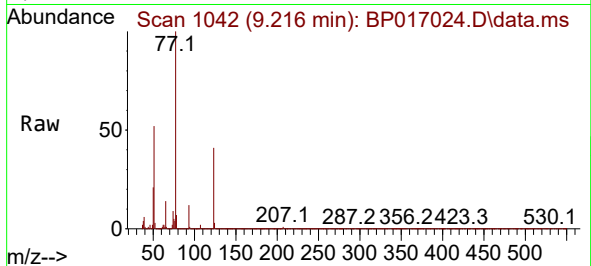




#22
Nitrobenzene
Concen: 22.780 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

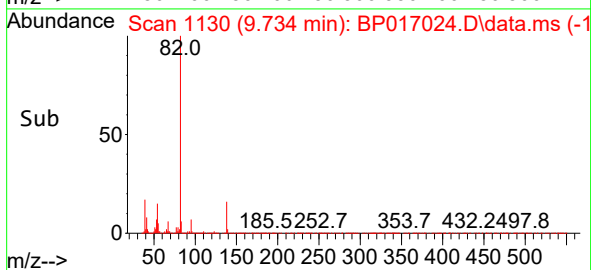
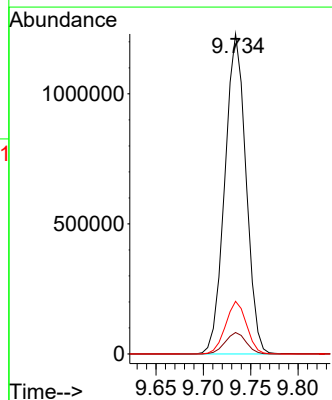
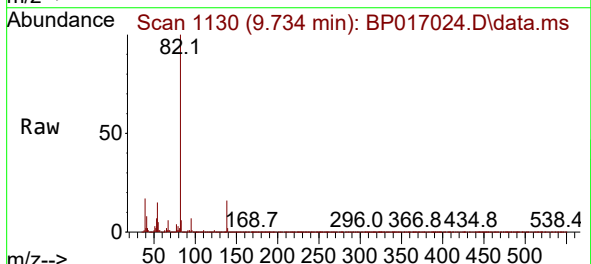
Instrument :
BNA_F
ClientSampleId :

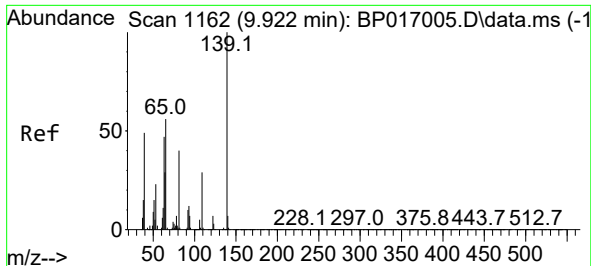
Tgt Ion: 77 Resp: 1031266
Ion Ratio Lower Upper
77 100
123 40.9 34.4 51.6
65 13.6 10.6 15.8



#23
Isophorone
Concen: 22.469 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion: 82 Resp: 1911013
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 16.5 13.4 20.2

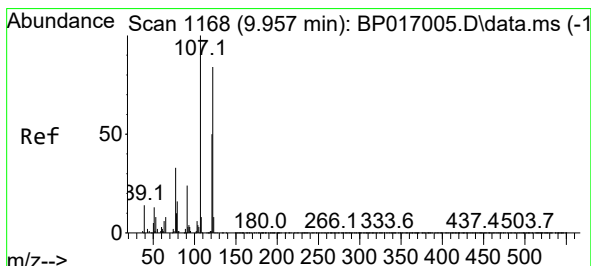
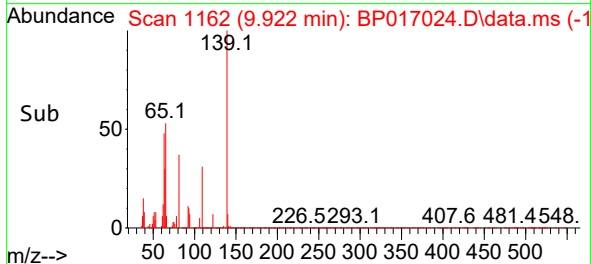
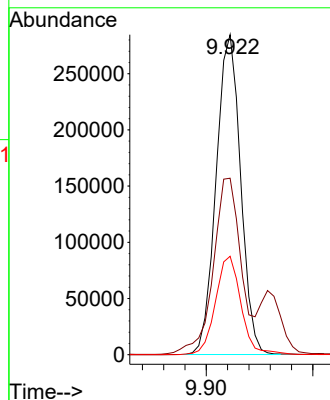
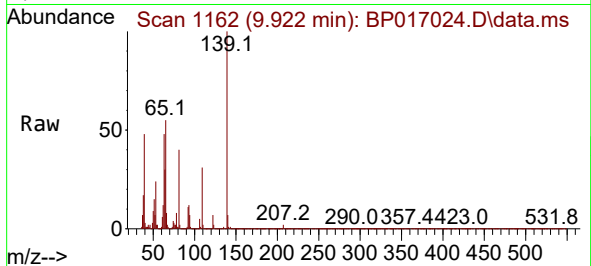




#25
2-Nitrophenol
Concen: 22.401 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

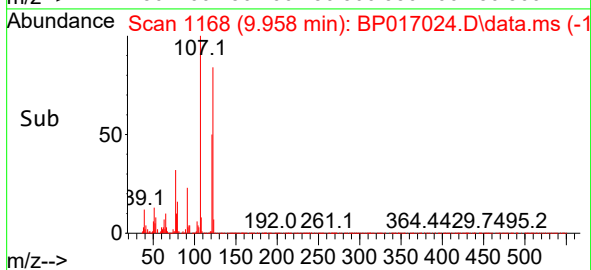
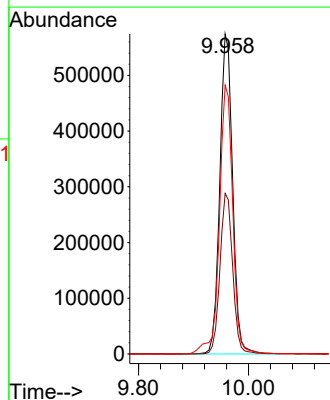
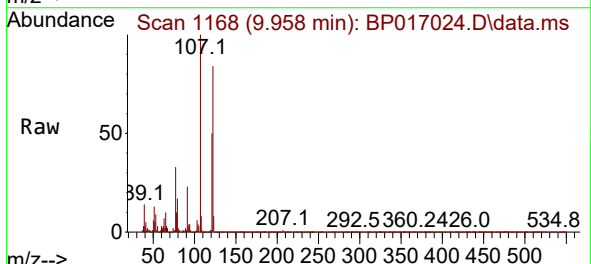
Instrument :
BNA_F
ClientSampleId :

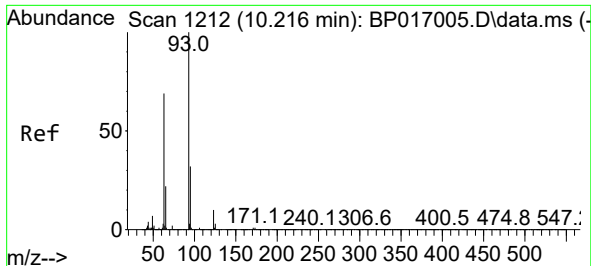
Tgt Ion:139 Resp: 453283
Ion Ratio Lower Upper
139 100
65 55.1 44.0 66.0
109 30.8 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 22.473 ng/ul
RT: 9.958 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:107 Resp: 928488
Ion Ratio Lower Upper
107 100
121 50.2 41.0 61.6
122 84.0 69.0 103.4





#27

Bis(2-Chloroethoxy)methane

Concen: 22.131 ng/ul

RT: 10.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

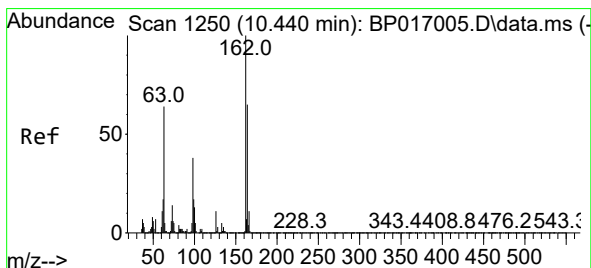
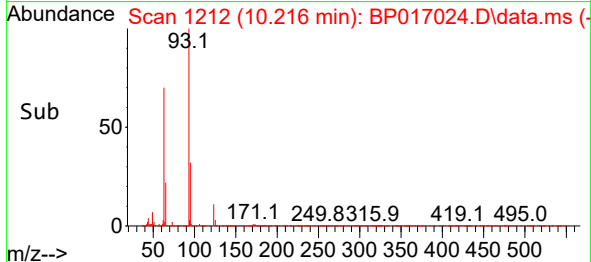
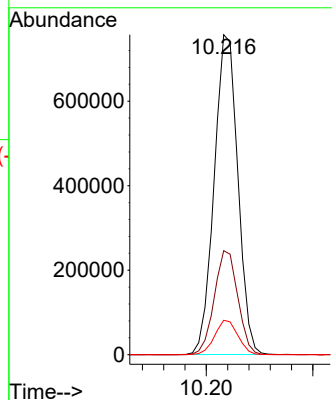
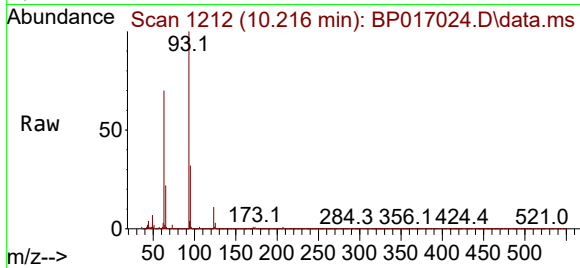
Tgt Ion: 93 Resp: 1166514

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 10.8 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 22.141 ng/ul

RT: 10.440 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

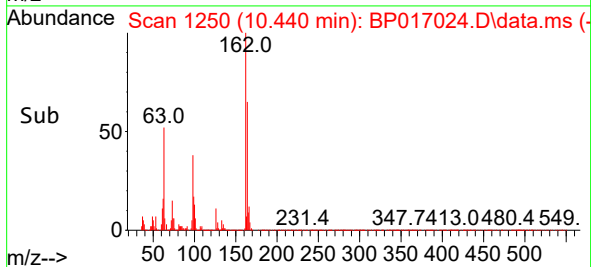
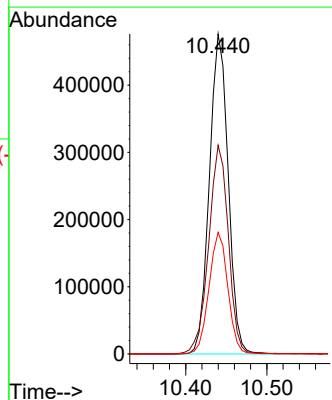
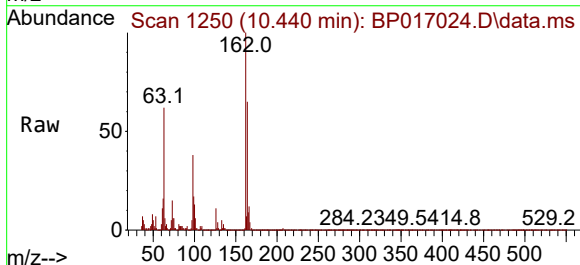
Tgt Ion:162 Resp: 765640

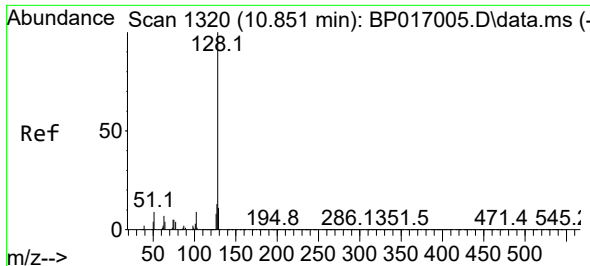
Ion Ratio Lower Upper

162 100

164 65.2 51.8 77.6

98 38.0 28.2 42.4

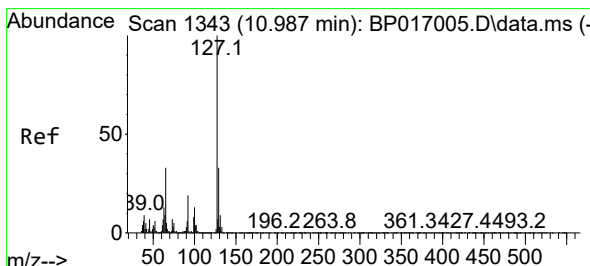
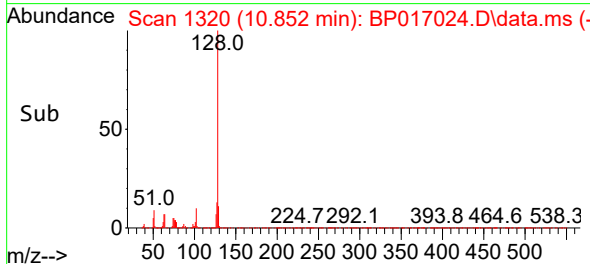
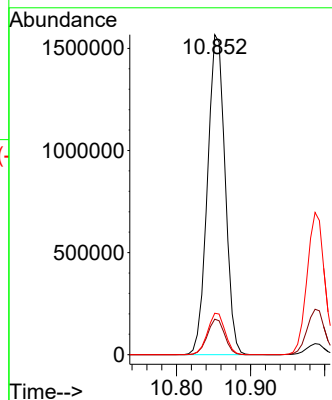
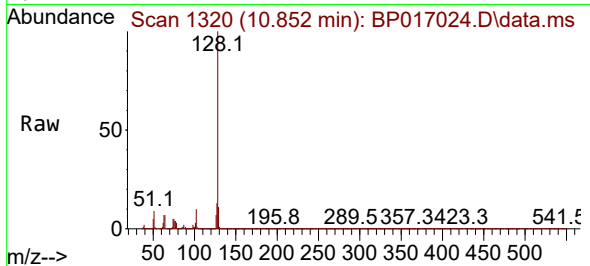




#30
Naphthalene
Concen: 21.676 ng/ul
RT: 10.852 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

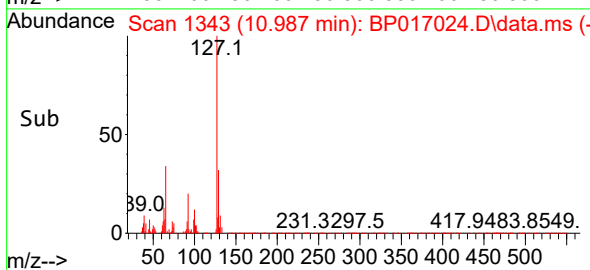
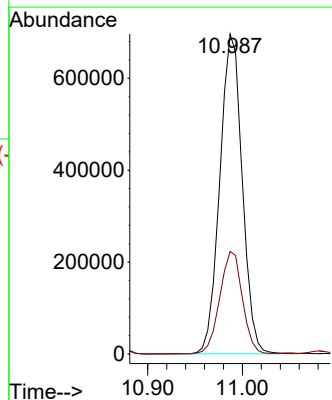
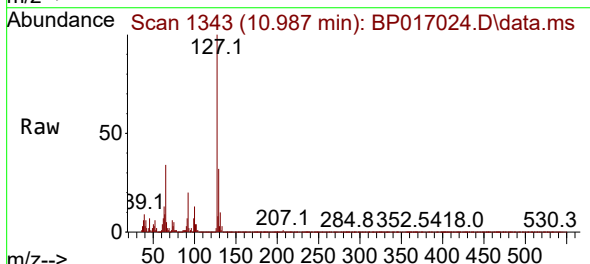
Instrument :
BNA_F
ClientSampleId :

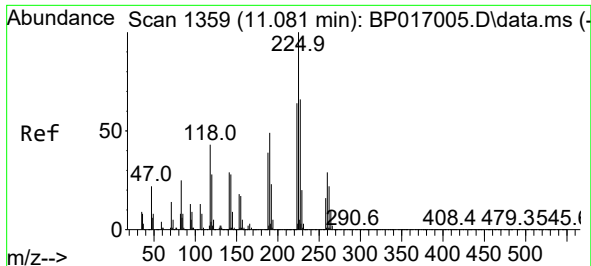
Tgt Ion:128 Resp: 2584833
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 22.433 ng/ul
RT: 10.987 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:127 Resp: 1142892
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0

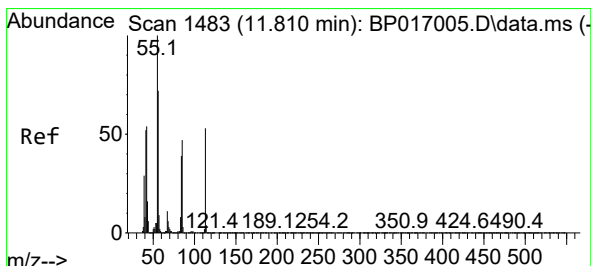
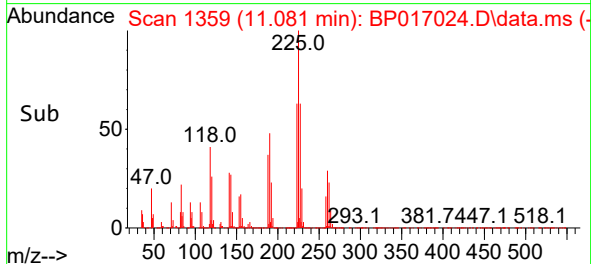
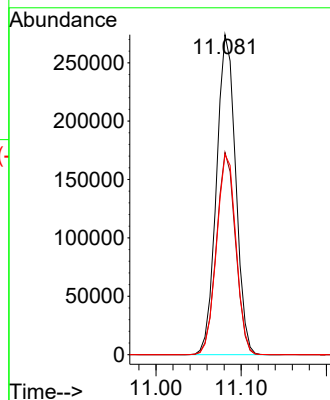
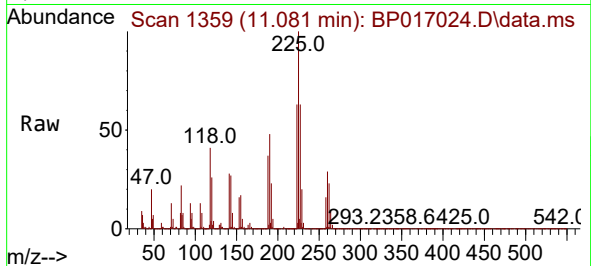




#33
Hexachlorobutadiene
Concen: 20.734 ng/ul
RT: 11.081 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

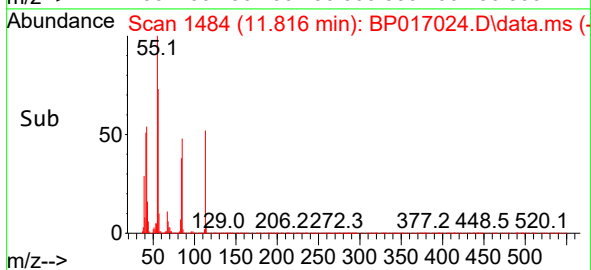
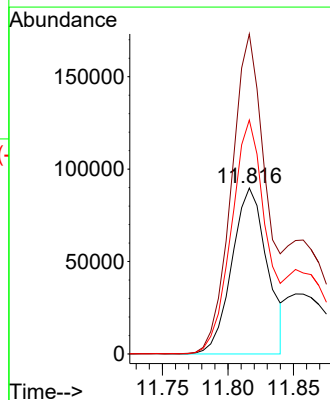
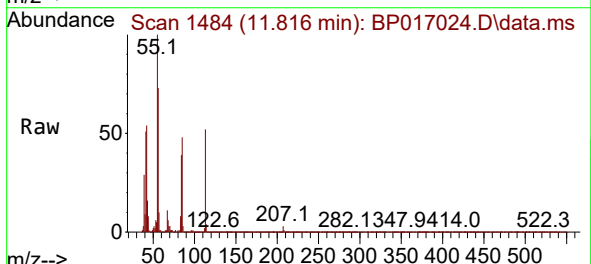
Instrument :
BNA_F
ClientSampleId :

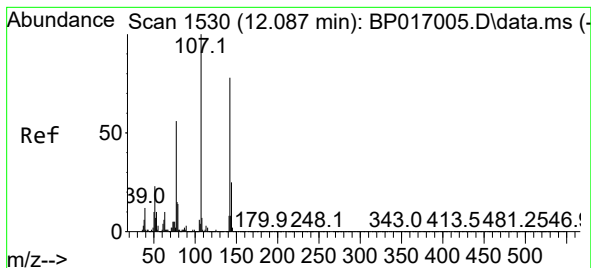
Tgt Ion:225 Resp: 428543
Ion Ratio Lower Upper
225 100
223 63.2 50.1 75.1
227 62.5 50.9 76.3



#34
Caprolactam
Concen: 14.676 ng/ul
RT: 11.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:113 Resp: 168075
Ion Ratio Lower Upper
113 100
55 192.9 142.3 213.5
56 141.0 102.2 153.2

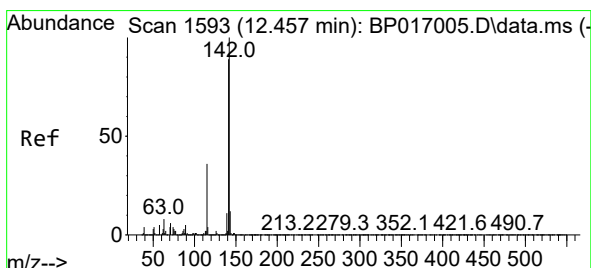
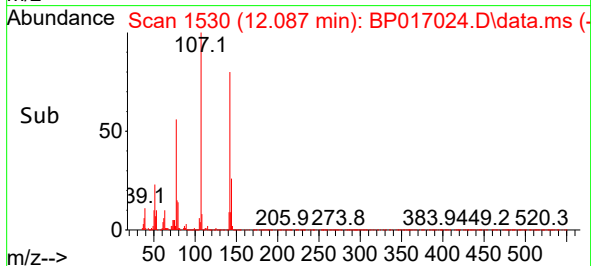
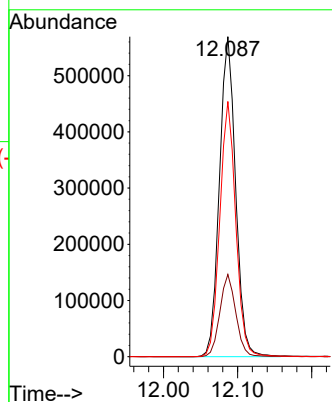
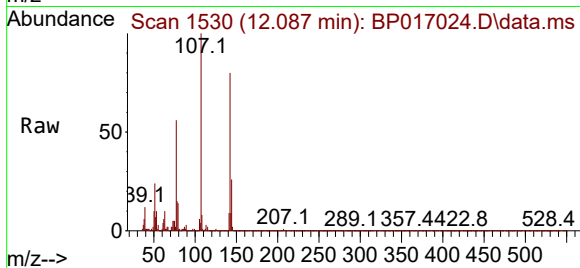




#35
4-Chloro-3-methylphenol
Concen: 22.790 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

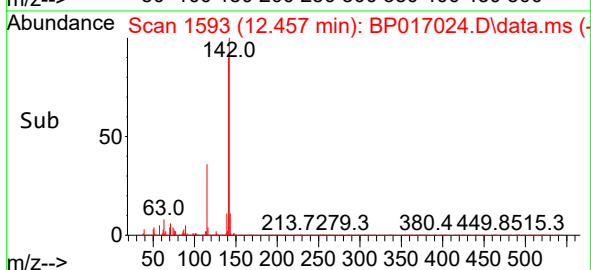
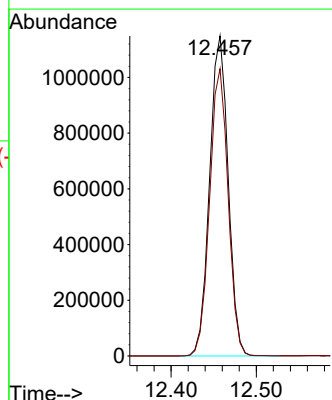
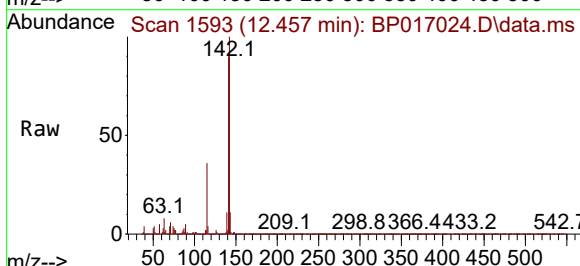
Instrument :
BNA_F
ClientSampleId :

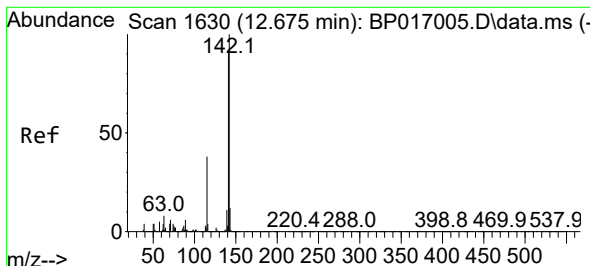
Tgt Ion:107 Resp: 863609
Ion Ratio Lower Upper
107 100
144 25.7 20.3 30.5
142 79.7 63.8 95.8



#36
2-Methylnaphthalene
Concen: 22.044 ng/ul
RT: 12.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:142 Resp: 1737195
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#37

1-Methylnaphthalene

Concen: 21.903 ng/ul

RT: 12.675 min Scan# 1630

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

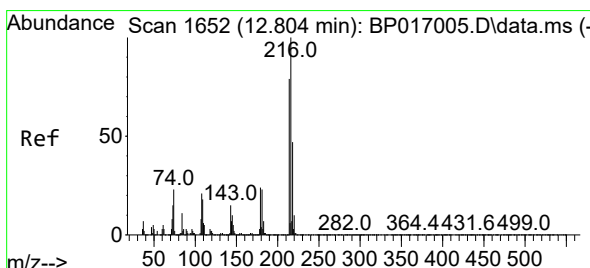
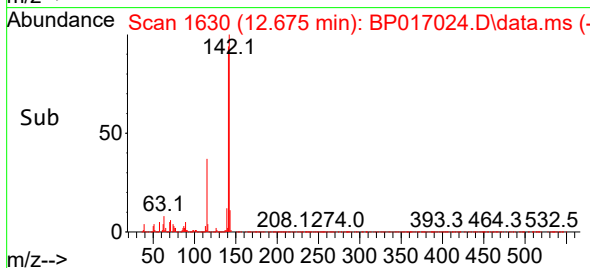
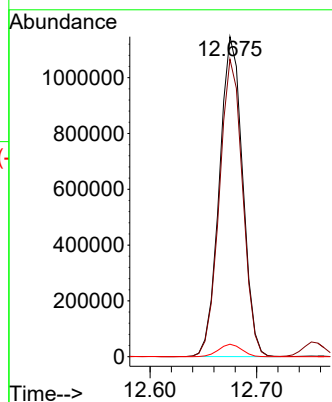
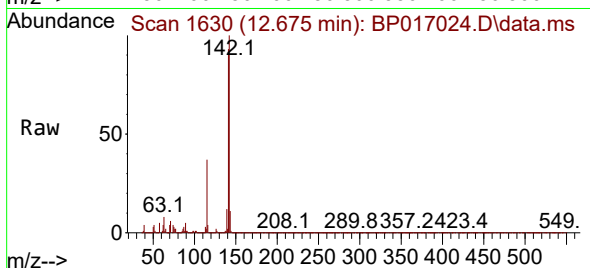
Tgt Ion:142 Resp: 1737807

Ion Ratio Lower Upper

142 100

141 92.9 74.5 111.7

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.230 ng/ul

RT: 12.804 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Tgt Ion:216 Resp: 834023

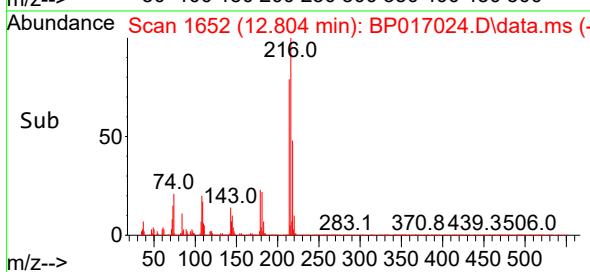
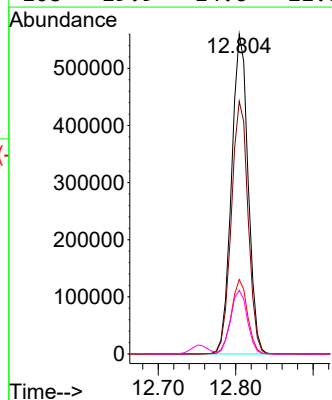
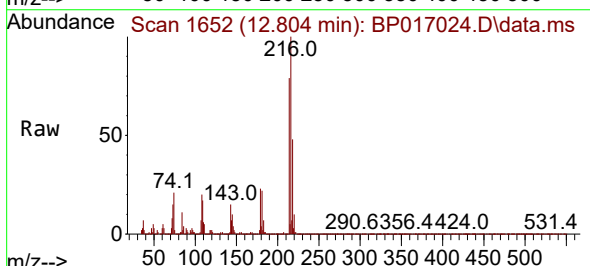
Ion Ratio Lower Upper

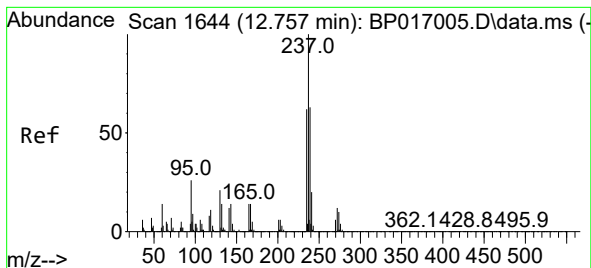
216 100

214 79.0 62.8 94.2

179 23.3 17.5 26.3

108 19.9 14.6 21.8





#40

Hexachlorocyclopentadiene

Concen: 20.964 ng/ul

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

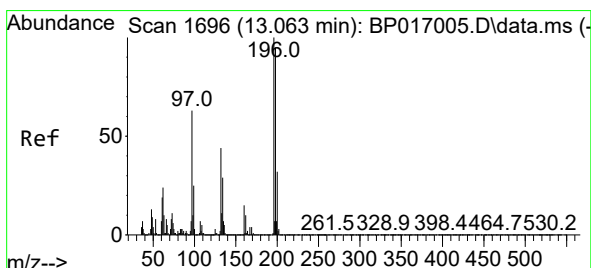
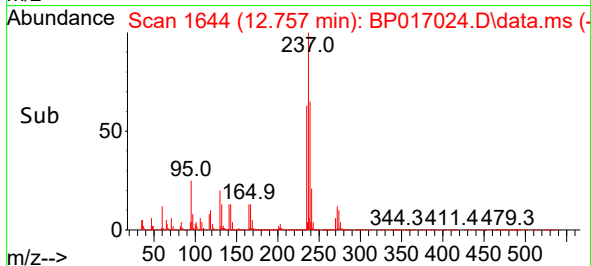
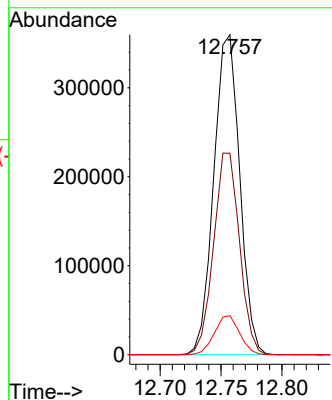
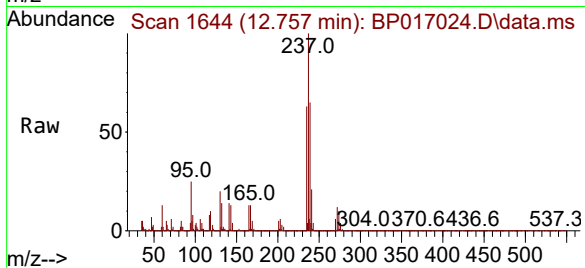
Tgt Ion:237 Resp: 533634

Ion Ratio Lower Upper

237 100

235 62.9 50.8 76.2

272 12.2 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 21.890 ng/ul

RT: 13.057 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

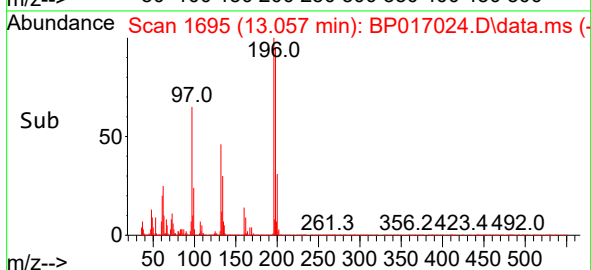
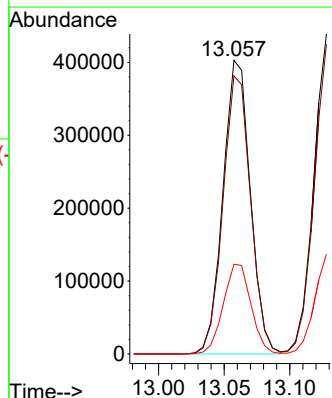
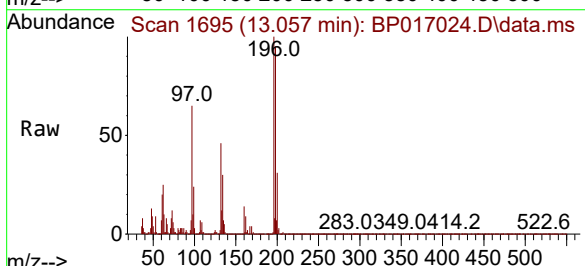
Tgt Ion:196 Resp: 585288

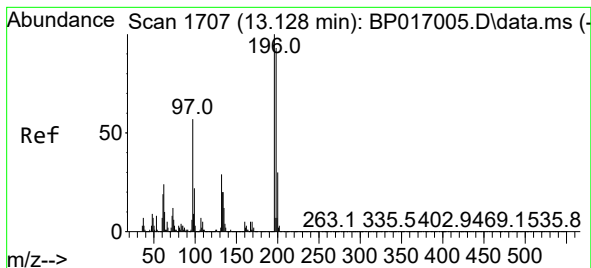
Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.6

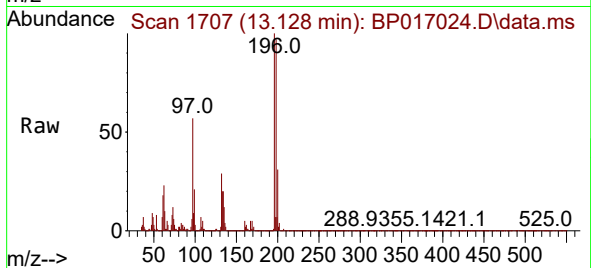
200 30.6 24.6 36.8



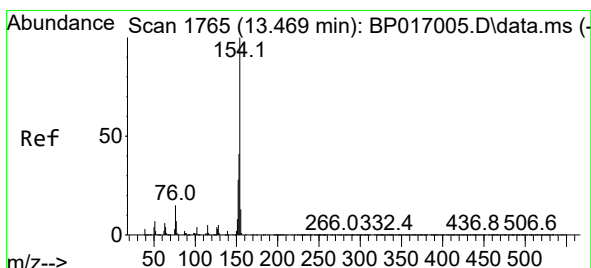
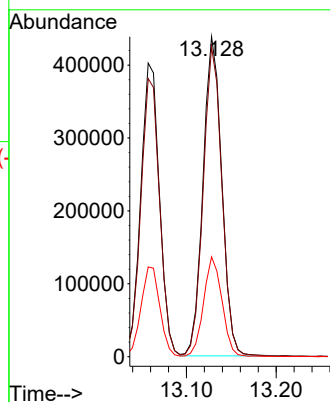
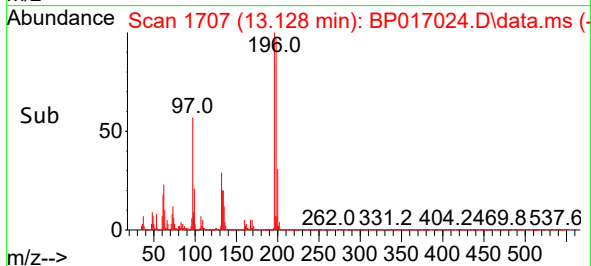


#42
2,4,5-Trichlorophenol
Concen: 21.854 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

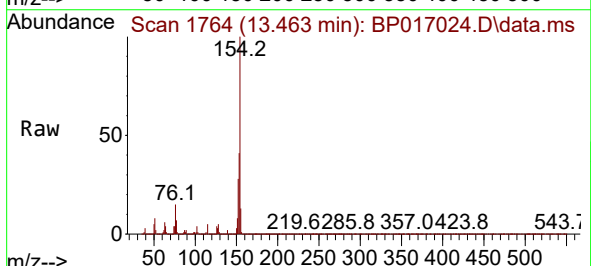
Instrument :
BNA_F
ClientSampleId :



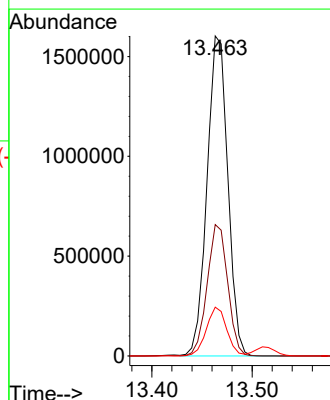
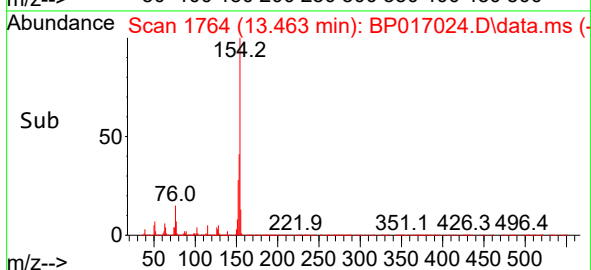
Tgt Ion:196 Resp: 635785
Ion Ratio Lower Upper
196 100
198 96.8 74.9 112.3
200 31.2 24.5 36.7

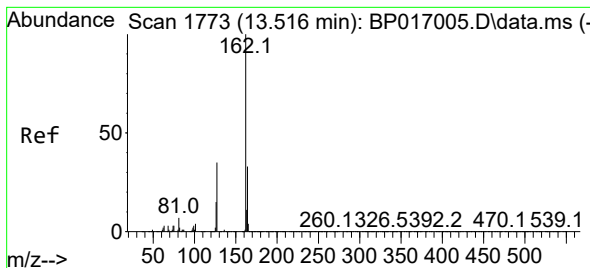


#43
1,1'-Biphenyl
Concen: 21.900 ng/ul
RT: 13.463 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58



Tgt Ion:154 Resp: 2311399
Ion Ratio Lower Upper
154 100
153 41.1 32.7 49.1
76 15.3 11.5 17.3





#44

2-Chloronaphthalene

Concen: 21.722 ng/ul

RT: 13.516 min Scan# 1773

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

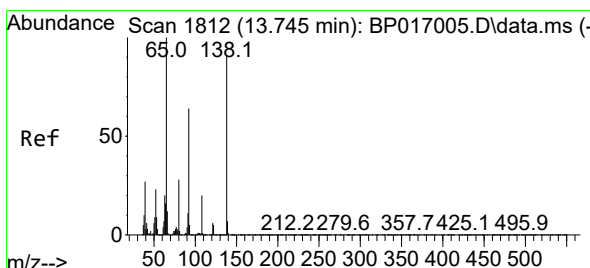
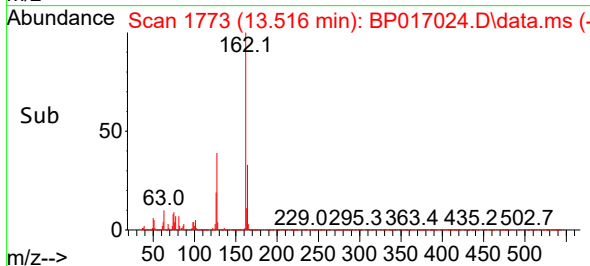
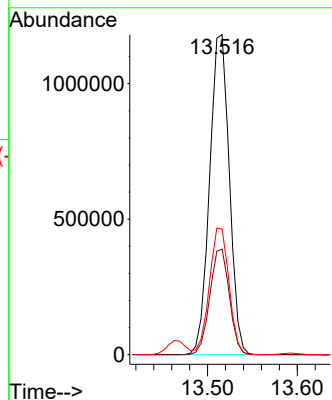
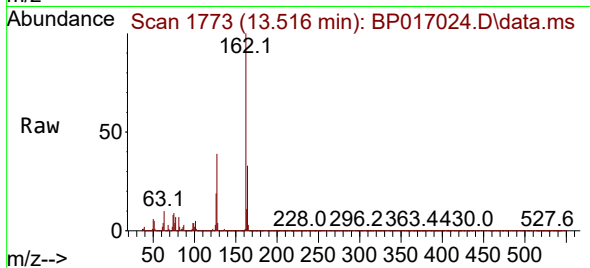
Tgt Ion:162 Resp: 1800073

Ion Ratio Lower Upper

162 100

164 32.9 26.2 39.4

127 39.3 30.8 46.2



#45

2-Nitroaniline

Concen: 24.130 ng/ul

RT: 13.746 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

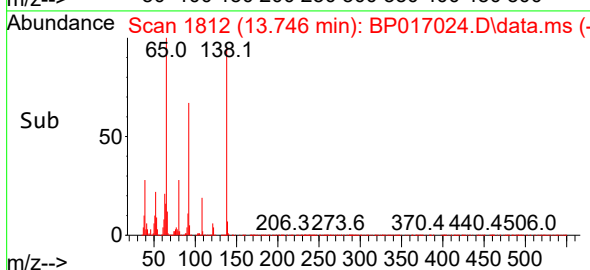
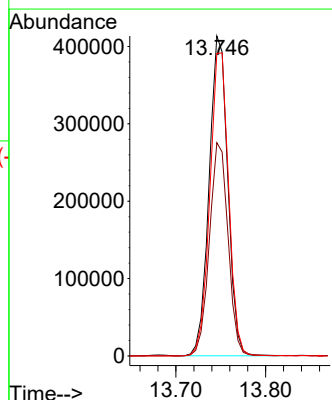
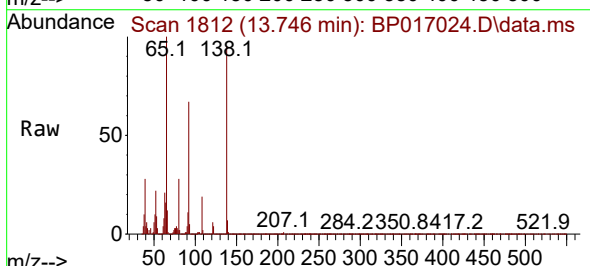
Tgt Ion: 65 Resp: 595514

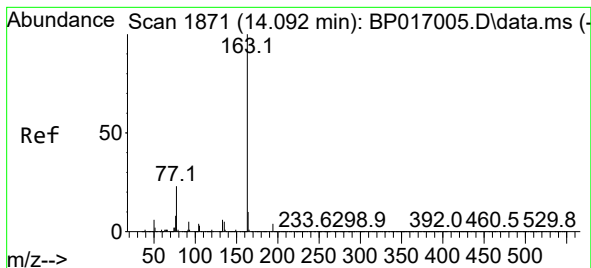
Ion Ratio Lower Upper

65 100

92 66.6 55.4 83.0

138 94.6 76.8 115.2





#47

Dimethylphthalate

Concen: 21.695 ng/ul

RT: 14.093 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

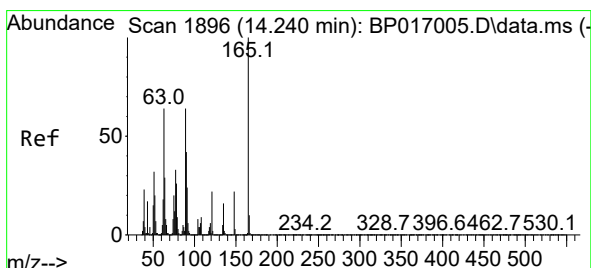
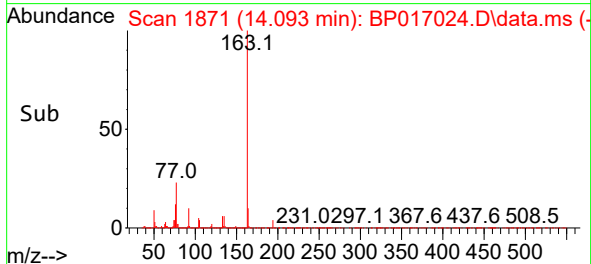
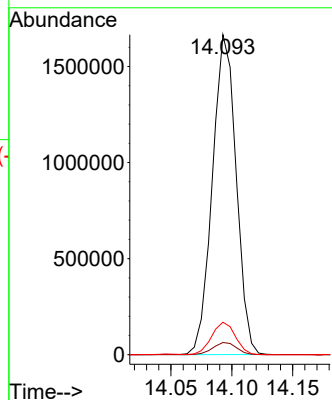
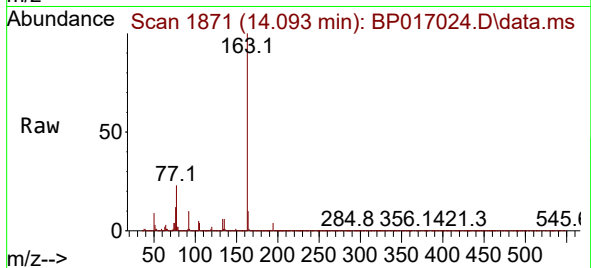
Tgt Ion:163 Resp: 2259360

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 22.875 ng/ul

RT: 14.240 min Scan# 1896

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

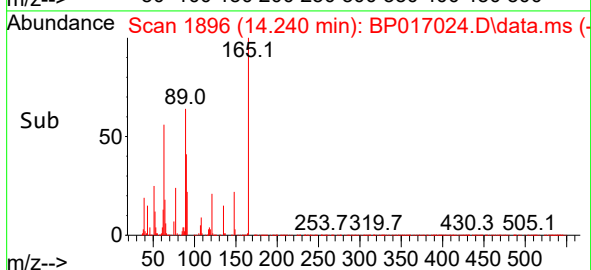
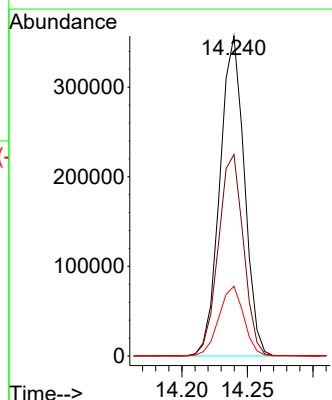
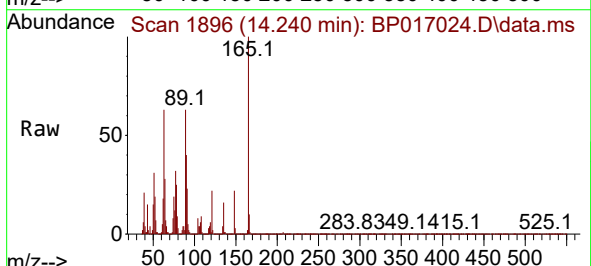
Tgt Ion:165 Resp: 462653

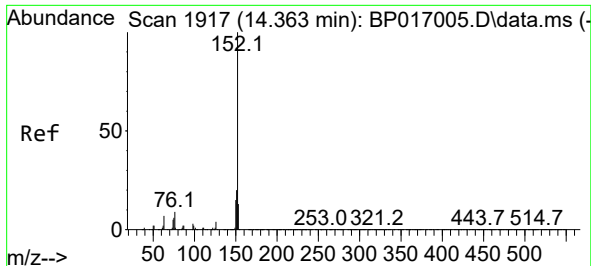
Ion Ratio Lower Upper

165 100

89 62.9 50.0 75.0

121 21.8 17.8 26.6

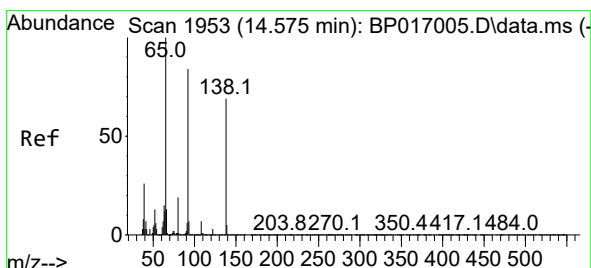
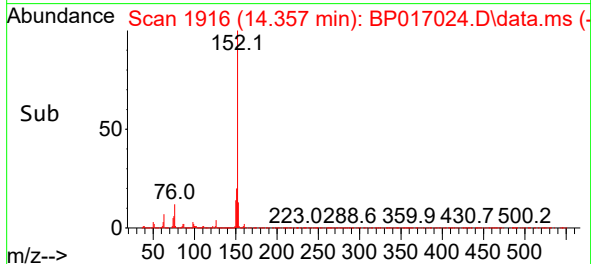
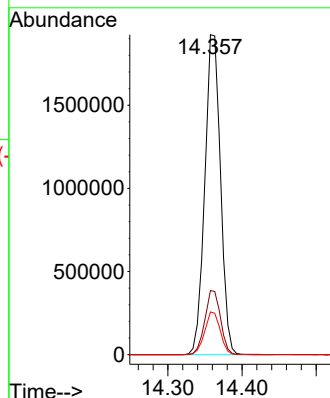
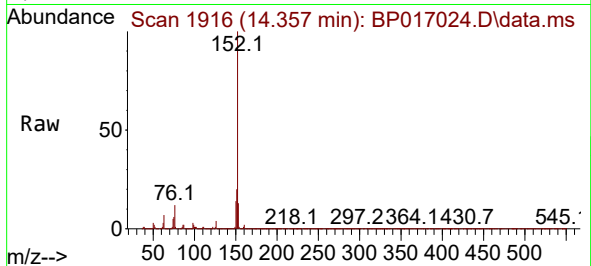




#50
Acenaphthylene
Concen: 22.076 ng/ul
RT: 14.357 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

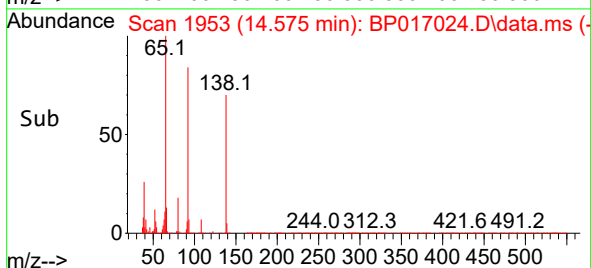
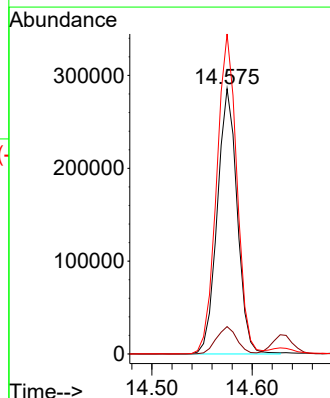
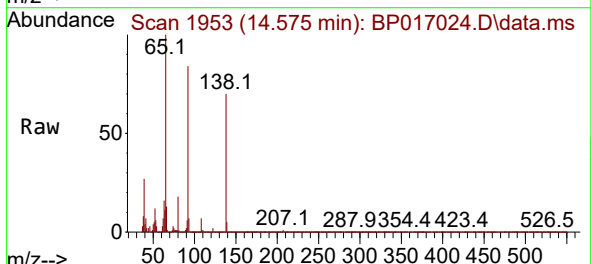
Instrument :
BNA_F
ClientSampleId :

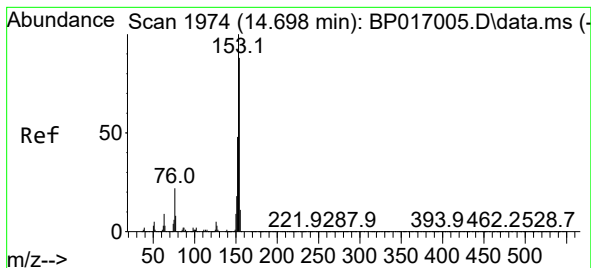
Tgt Ion:152 Resp: 2831433
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.5 15.7



#51
3-Nitroaniline
Concen: 19.557 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:138 Resp: 394737
Ion Ratio Lower Upper
138 100
108 10.3 8.4 12.6
92 120.6 97.2 145.8





#52

Acenaphthene

Concen: 21.804 ng/ul

RT: 14.698 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

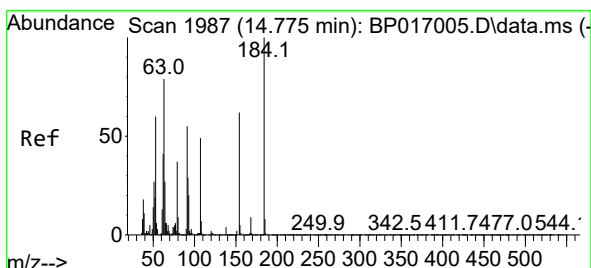
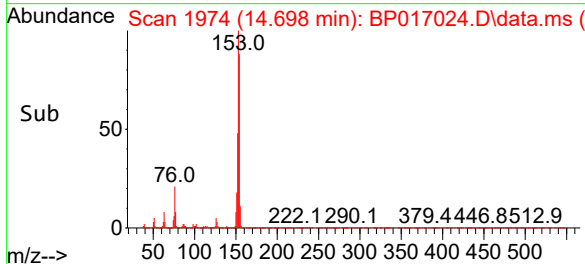
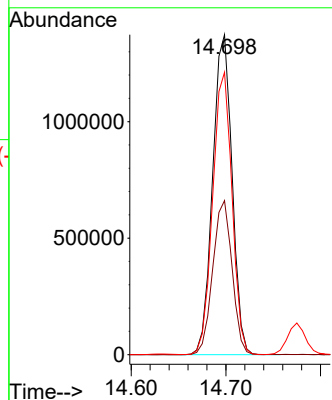
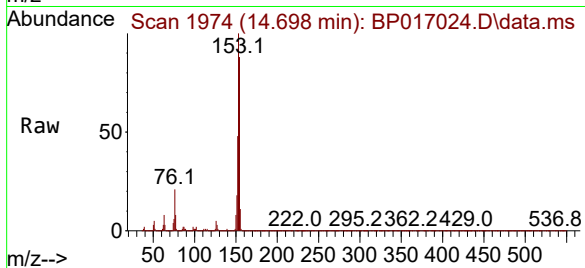
Tgt Ion:153 Resp: 1951127

Ion Ratio Lower Upper

153 100

152 48.2 38.6 57.8

154 88.3 70.2 105.4



#53

2,4-Dinitrophenol

Concen: 22.437 ng/ul

RT: 14.775 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

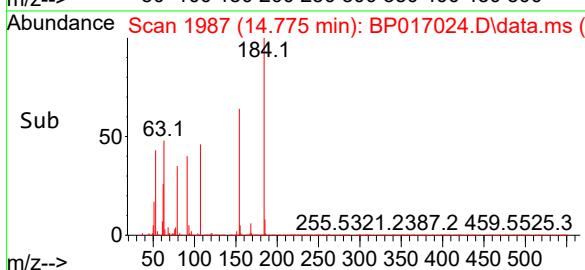
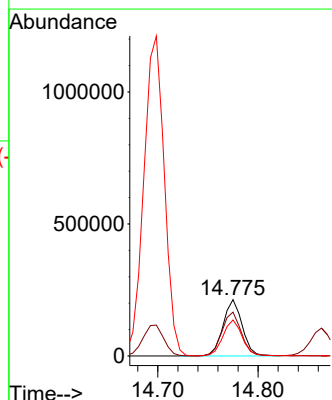
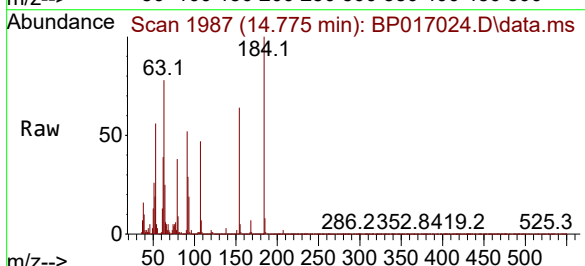
Tgt Ion:184 Resp: 281357

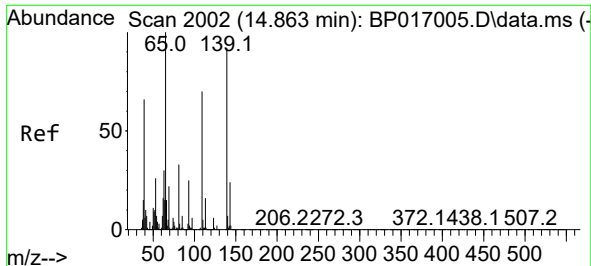
Ion Ratio Lower Upper

184 100

63 77.9 61.6 92.4

154 63.9 50.8 76.2

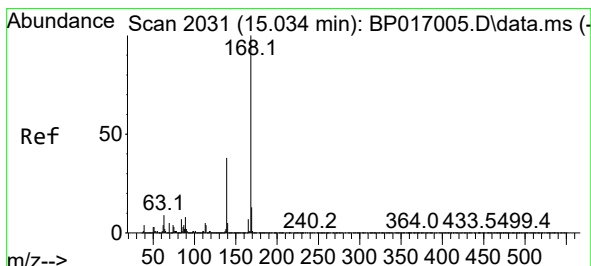
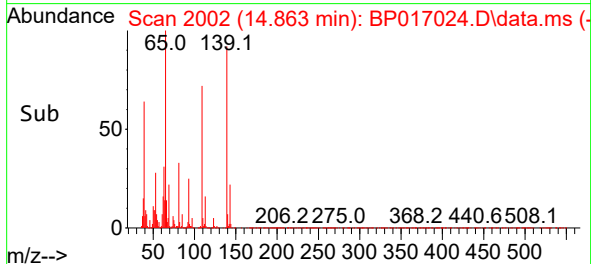
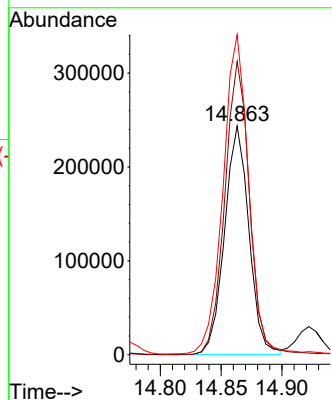
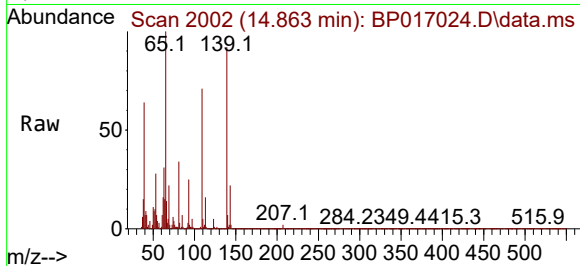




#55
4-Nitrophenol
Concen: 21.884 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

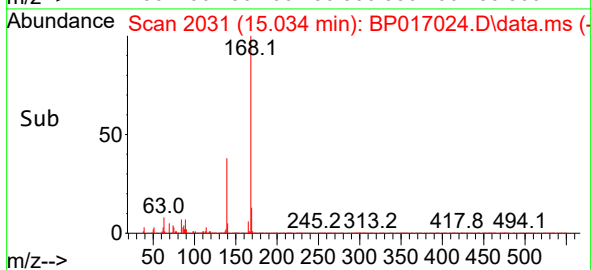
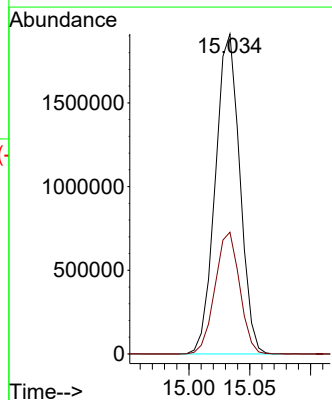
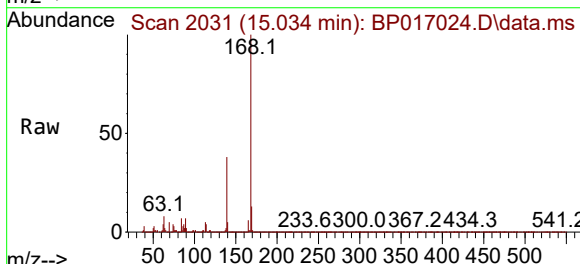
Instrument :
BNA_F
ClientSampleId :

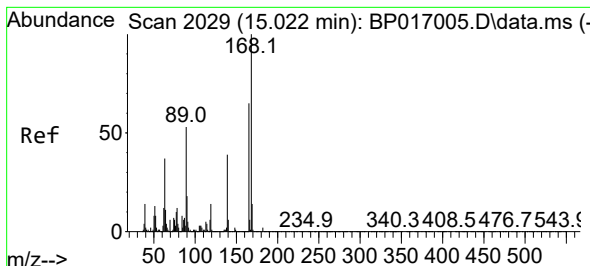
Tgt Ion:109 Resp: 339572
Ion Ratio Lower Upper
109 100
139 128.3 105.0 157.4
65 140.1 108.4 162.6



#56
Dibenzofuran
Concen: 21.734 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:168 Resp: 2674277
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 23.052 ng/ul

RT: 15.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

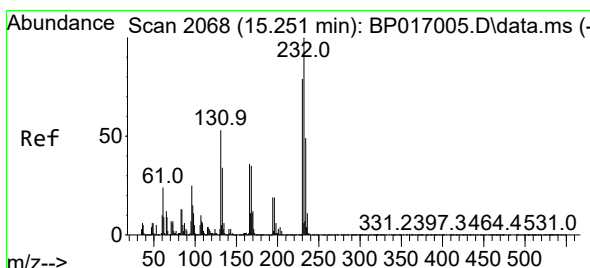
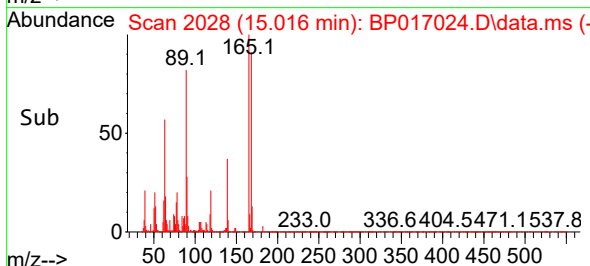
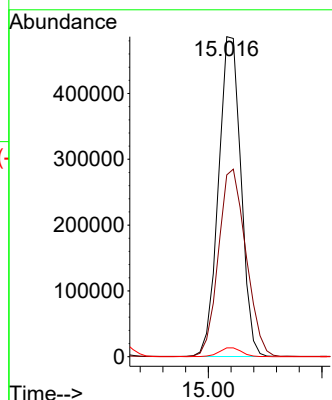
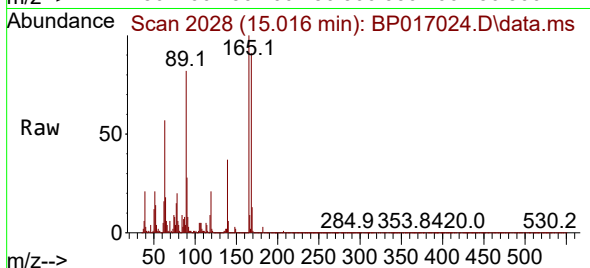
Tgt Ion:165 Resp: 669245

Ion Ratio Lower Upper

165 100

63 56.8 42.1 63.1

182 2.8 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.401 ng/ul

RT: 15.246 min Scan# 2067

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Tgt Ion:232 Resp: 501984

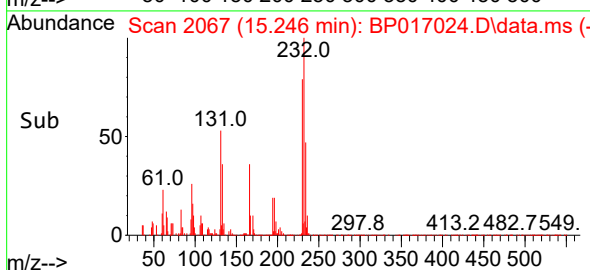
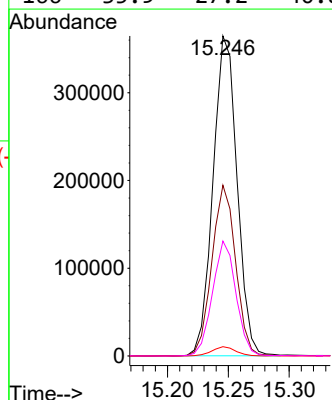
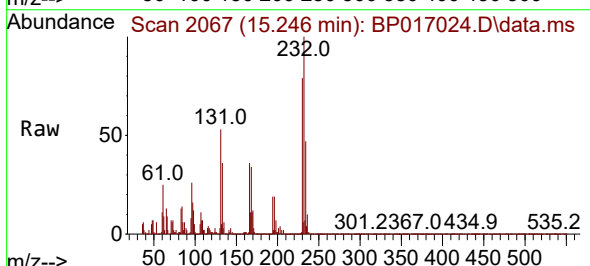
Ion Ratio Lower Upper

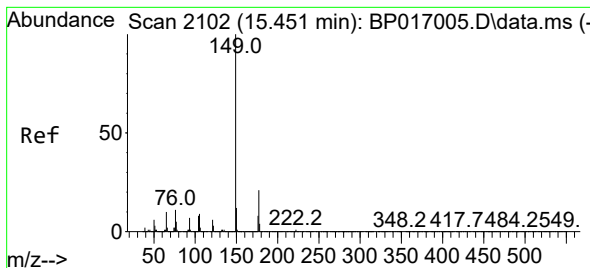
232 100

131 53.3 39.2 58.8

130 2.9 2.0 3.0

166 35.9 27.2 40.8

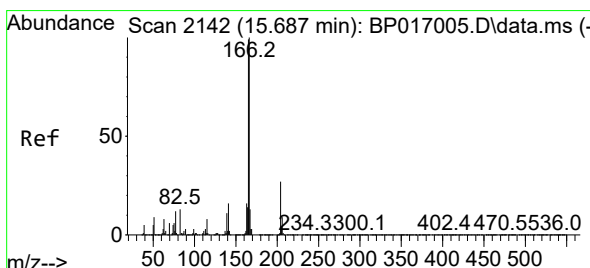
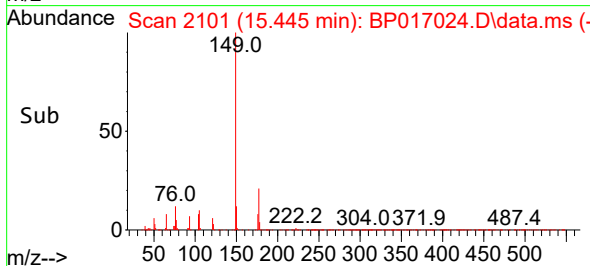
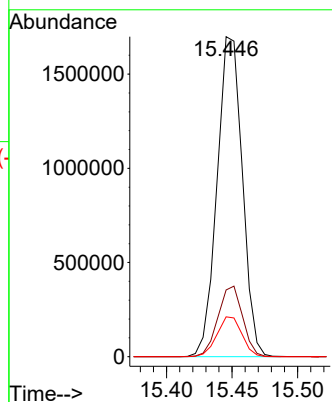
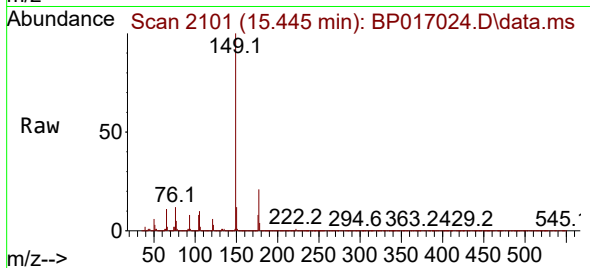




#59
Diethylphthalate
Concen: 21.869 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

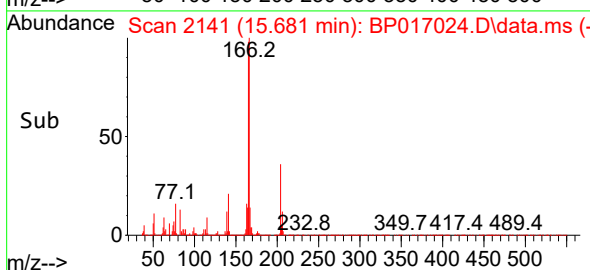
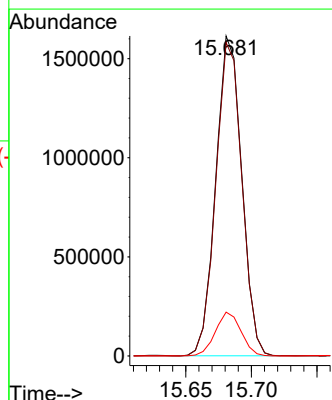
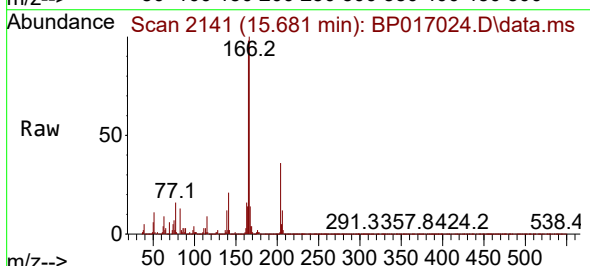
Instrument :
BNA_F
ClientSampleId :

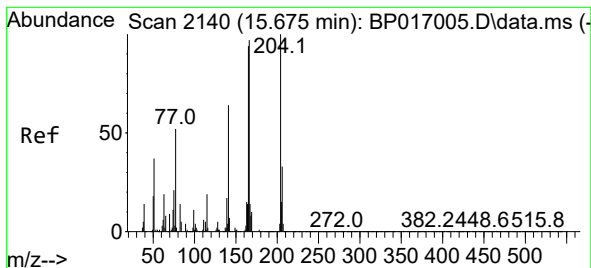
Tgt Ion:149 Resp: 2275893
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 12.4 10.1 15.1



#61
Fluorene
Concen: 21.901 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:166 Resp: 2221717
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.7 10.6 16.0

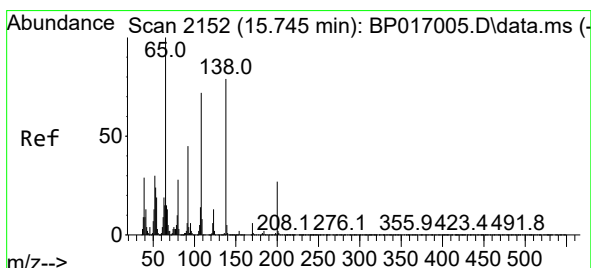
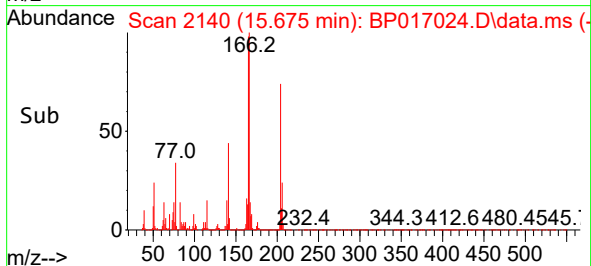
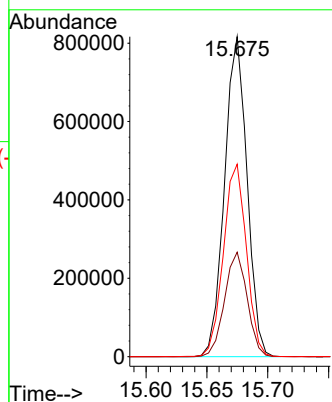
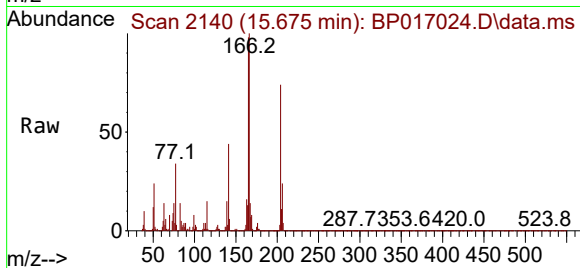




#62
4-Chlorophenyl-phenylether
Concen: 21.418 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

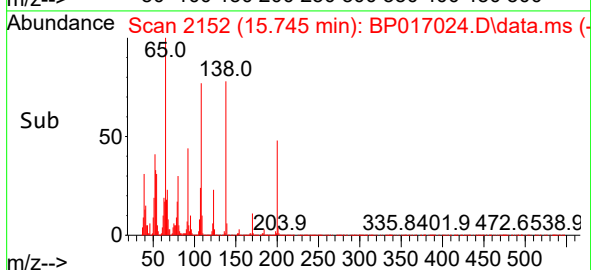
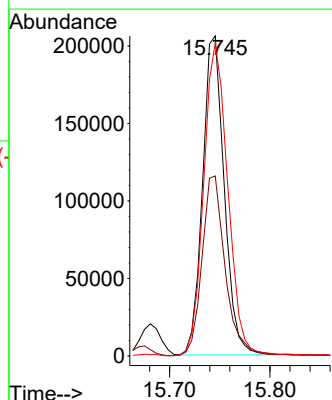
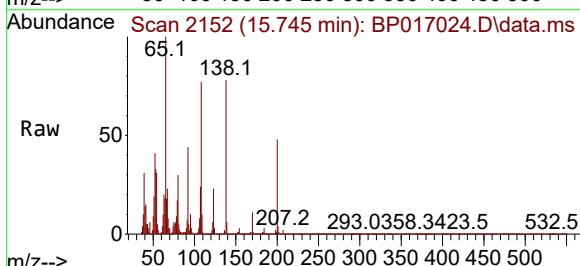
Instrument :
BNA_F
ClientSampleId :

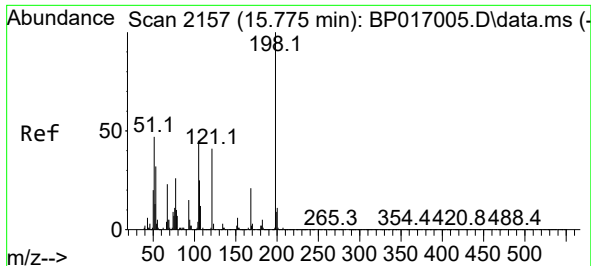
Tgt Ion:204 Resp: 1049991
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 60.2 46.2 69.4



#63
4-Nitroaniline
Concen: 17.452 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:138 Resp: 309710
Ion Ratio Lower Upper
138 100
92 56.3 41.9 62.9
108 97.7 70.3 105.5

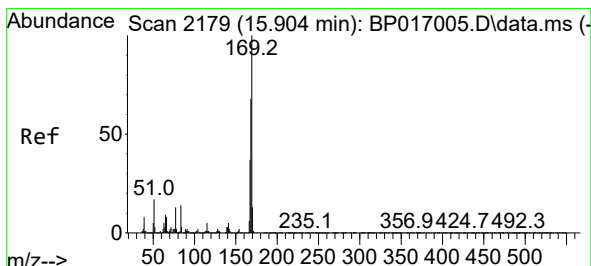
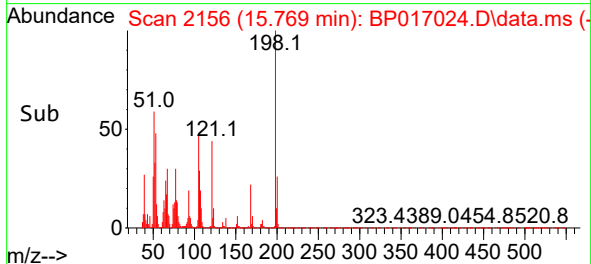
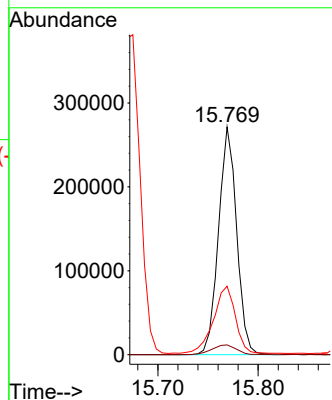
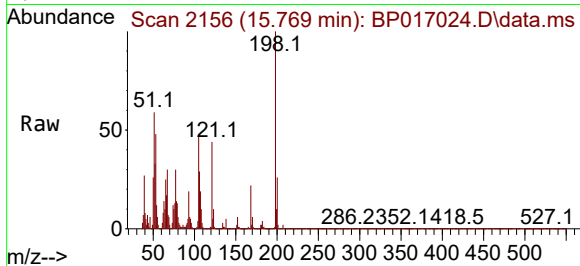




#66
4,6-Dinitro-2-methylphenol
Concen: 19.425 ng/ul
RT: 15.769 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

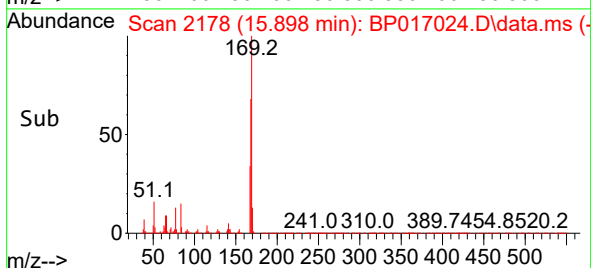
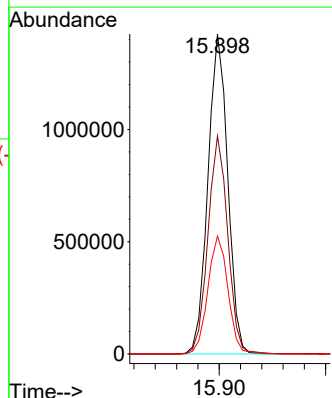
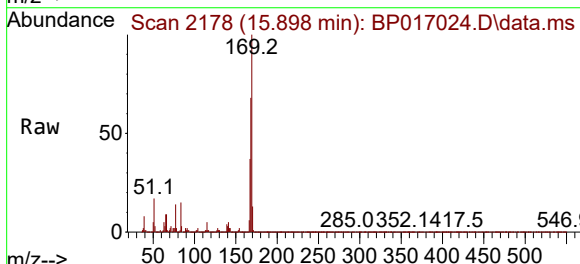
Instrument :
BNA_F
ClientSampleId :

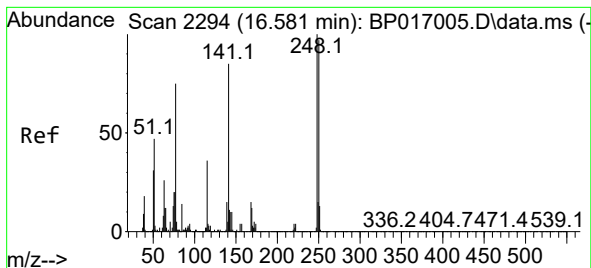
Tgt Ion:198 Resp: 340475
Ion Ratio Lower Upper
198 100
182 4.3 3.6 5.4
77 30.1 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 21.880 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:169 Resp: 1834166
Ion Ratio Lower Upper
169 100
168 68.1 54.2 81.4
167 36.9 29.4 44.2

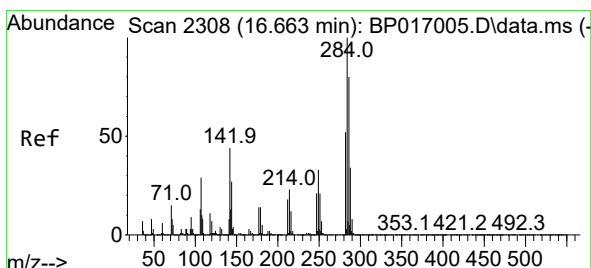
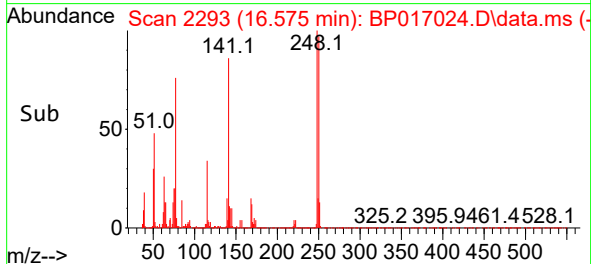
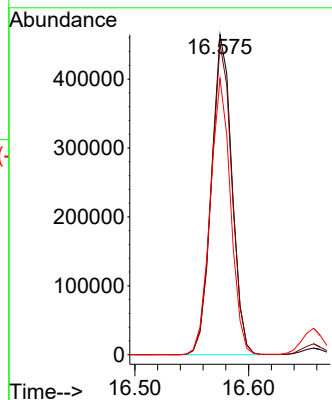
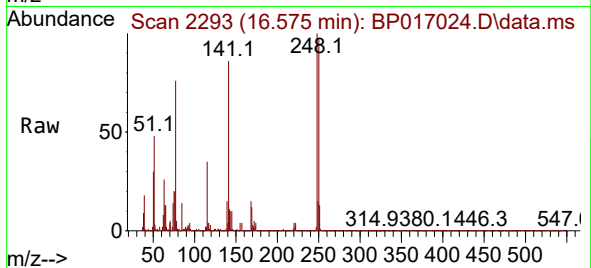




#68
4-Bromophenyl-phenylether
Concen: 21.120 ng/ul
RT: 16.575 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

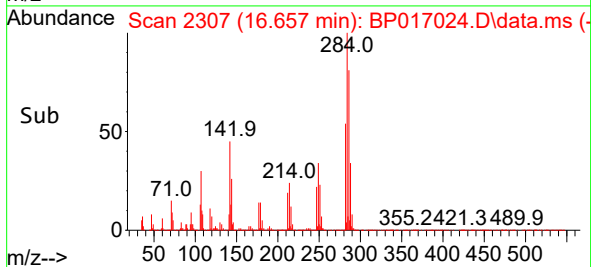
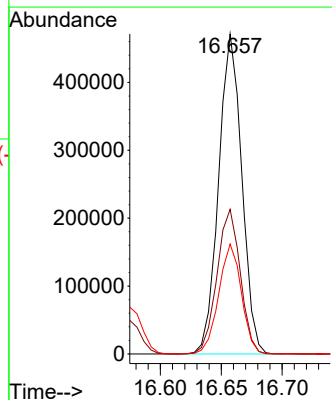
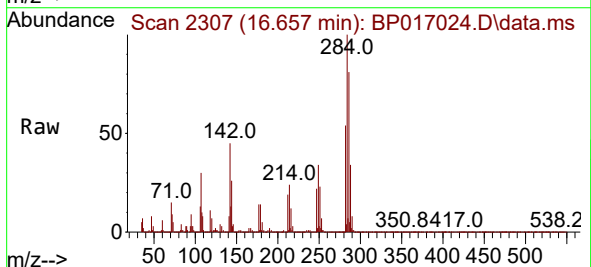
Instrument :
BNA_F
ClientSampleId :

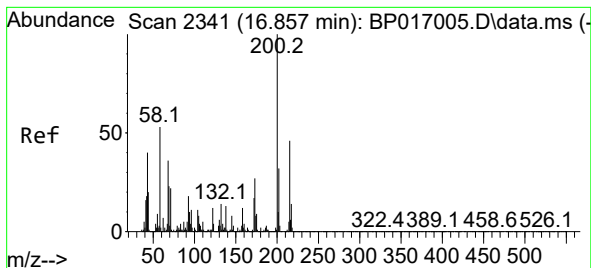
Tgt Ion:248 Resp: 584123
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 86.3 66.3 99.5



#69
Hexachlorobenzene
Concen: 20.561 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BP017024.D
Acq: 08 Sep 2023 21:58

Tgt Ion:284 Resp: 623380
Ion Ratio Lower Upper
284 100
142 45.2 31.9 47.9
249 34.3 27.0 40.6





#70

Atrazine

Concen: 21.997 ng/ul

RT: 16.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

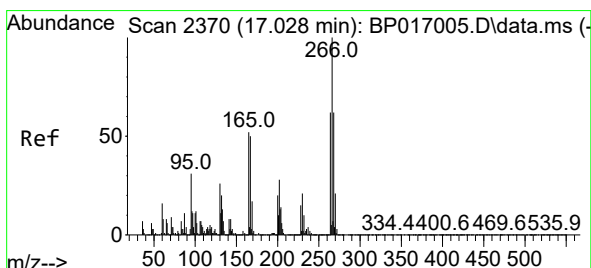
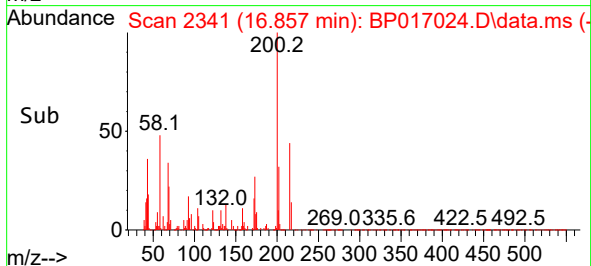
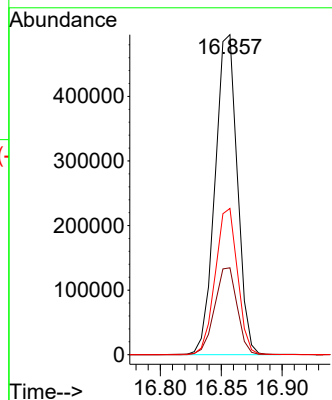
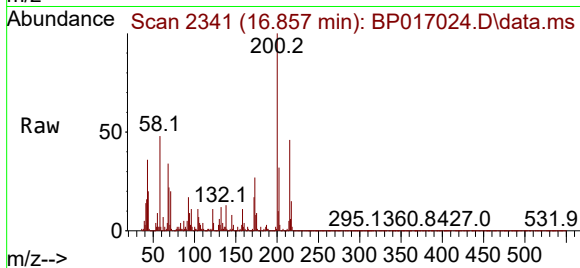
Tgt Ion:200 Resp: 631315

Ion Ratio Lower Upper

200 100

173 27.1 21.8 32.8

215 45.7 38.3 57.5



#71

Pentachlorophenol

Concen: 19.331 ng/ul

RT: 17.022 min Scan# 2369

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

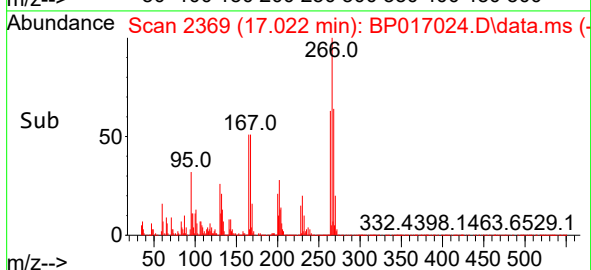
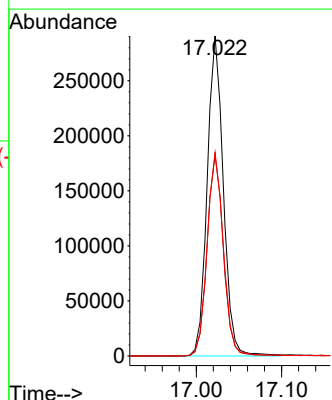
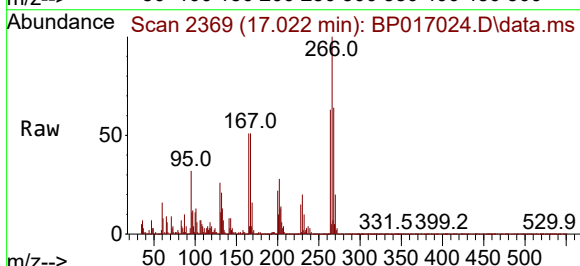
Tgt Ion:266 Resp: 382183

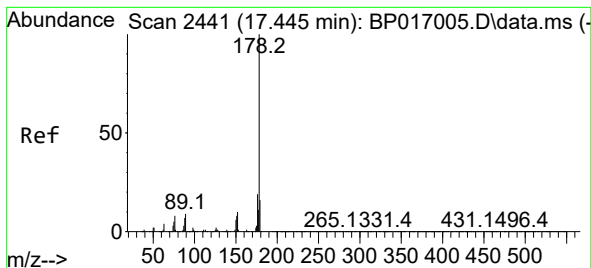
Ion Ratio Lower Upper

266 100

264 62.7 50.4 75.6

268 63.6 50.4 75.6





#72

Phenanthrene

Concen: 21.852 ng/ul

RT: 17.440 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

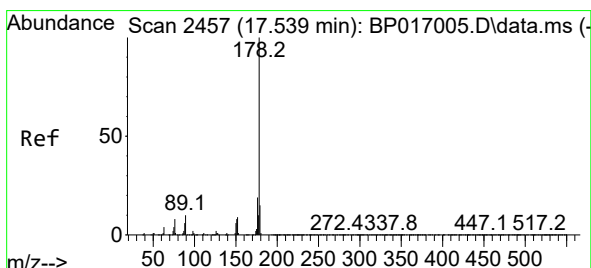
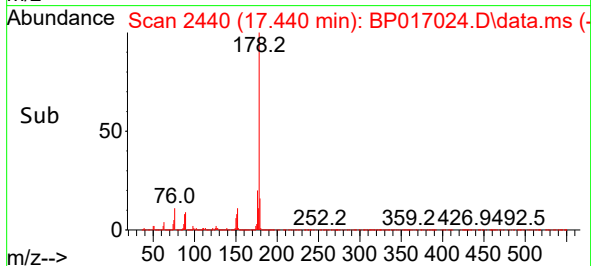
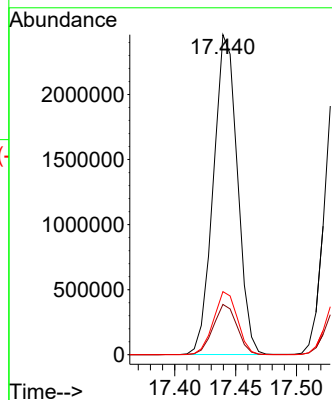
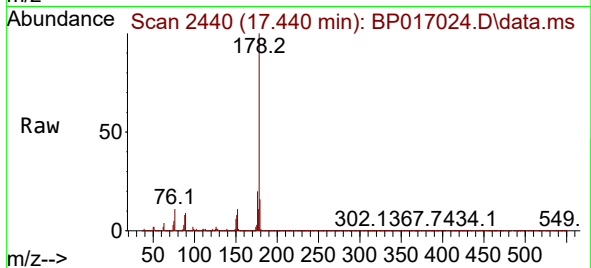
Tgt Ion:178 Resp: 3375703

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.7 15.8 23.8



#74

Anthracene

Concen: 21.957 ng/ul

RT: 17.534 min Scan# 2456

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

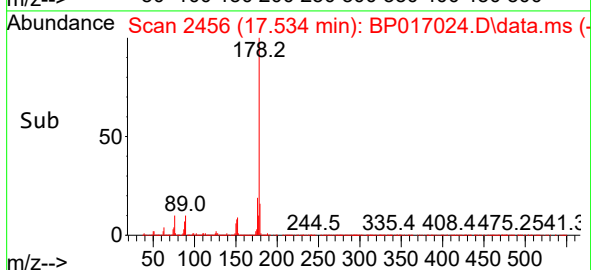
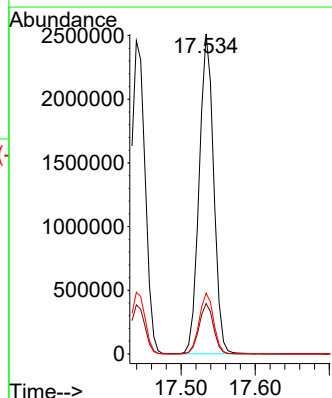
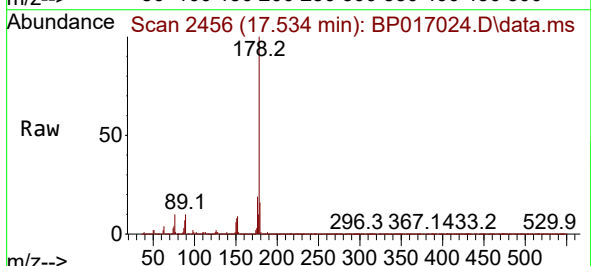
Tgt Ion:178 Resp: 3409689

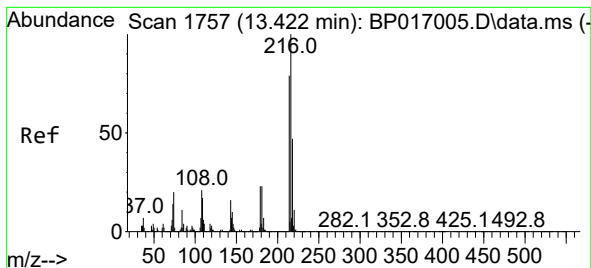
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.0 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.449 ng/uL

RT: 13.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

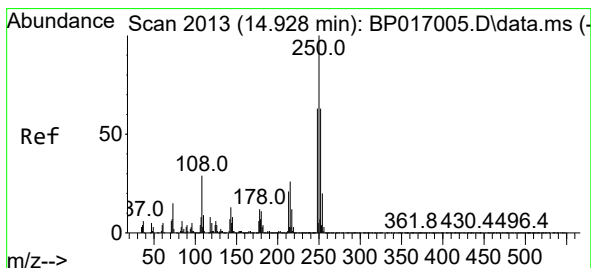
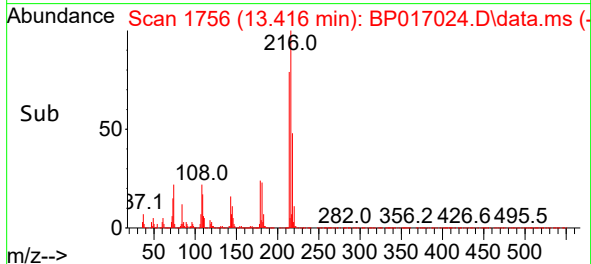
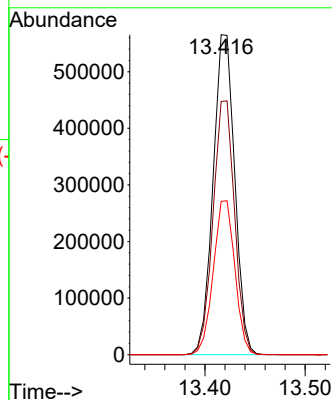
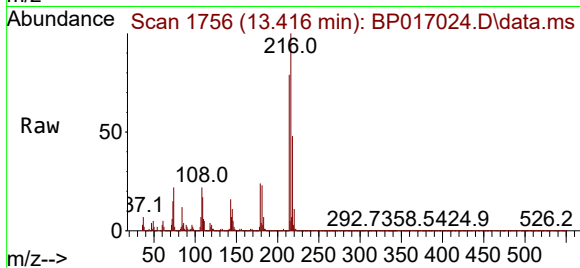
Tgt Ion:216 Resp: 849398

Ion Ratio Lower Upper

216 100

214 79.2 64.5 96.7

218 47.9 38.6 57.8



#76

Pentachlorobenzene

Concen: 21.004 ng/uL

RT: 14.922 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

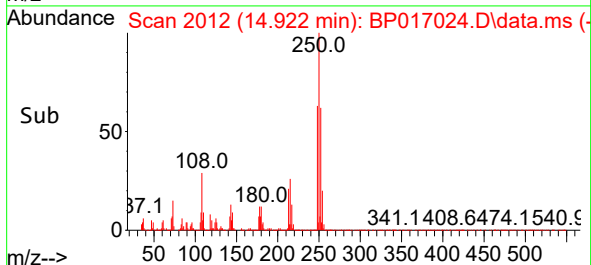
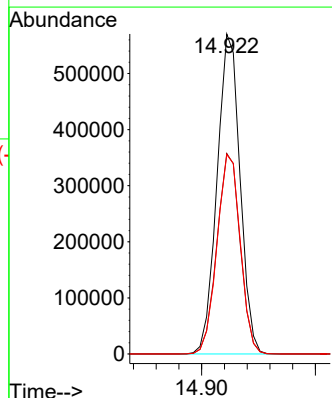
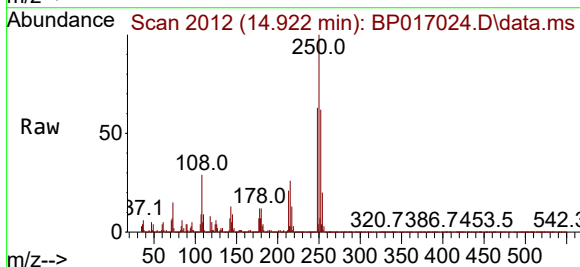
Tgt Ion:250 Resp: 801187

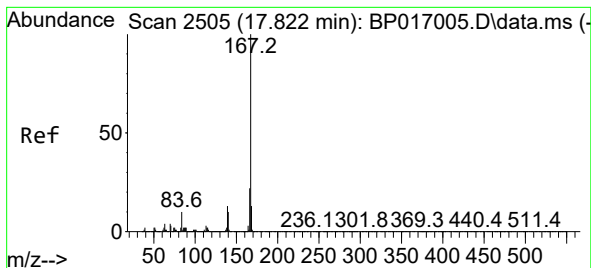
Ion Ratio Lower Upper

250 100

248 62.6 51.2 76.8

252 62.3 50.9 76.3





#77

Carbazole

Concen: 22.091 ng/ul

RT: 17.816 min Scan# 2504

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

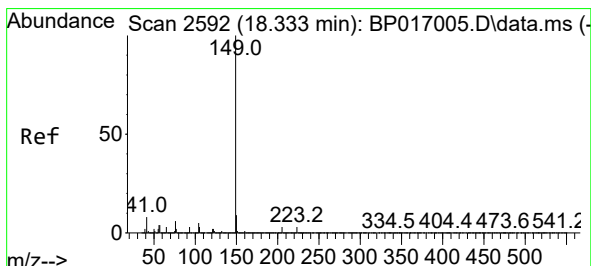
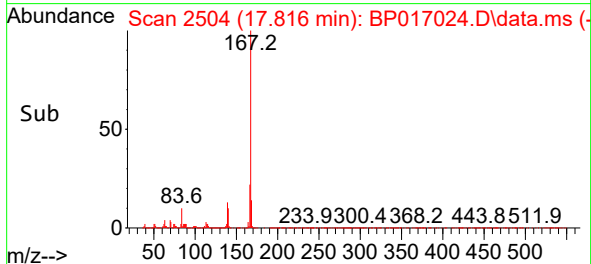
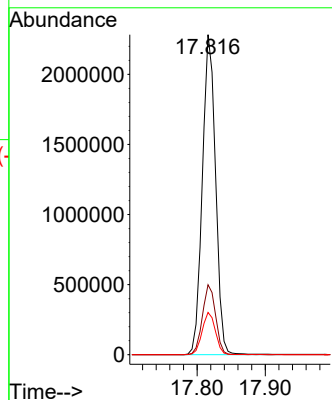
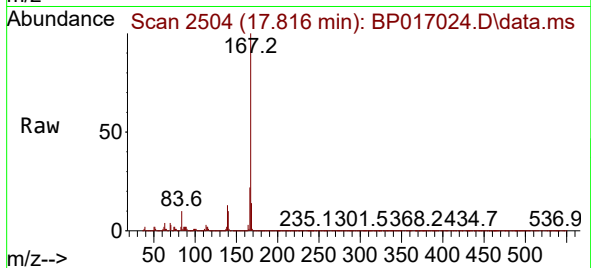
Tgt Ion:167 Resp: 3082724

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.2 10.3 15.5



#78

Di-n-butylphthalate

Concen: 22.622 ng/ul

RT: 18.328 min Scan# 2591

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

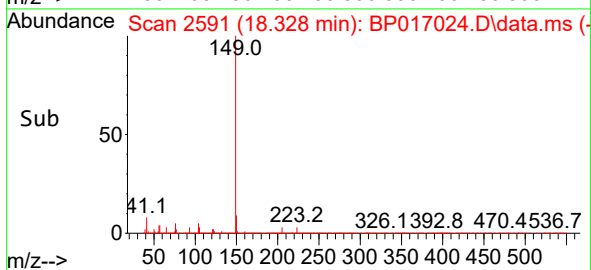
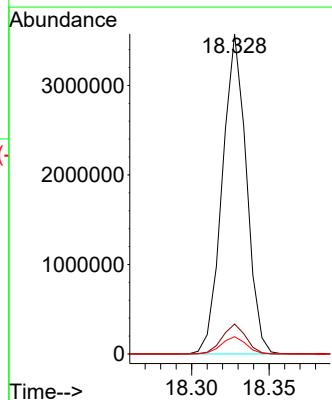
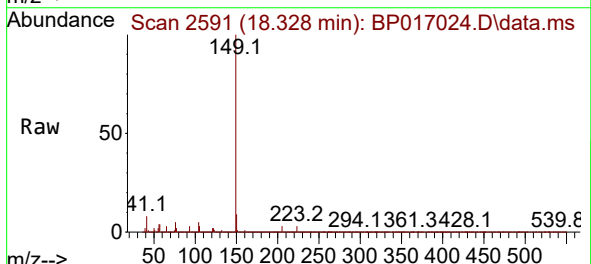
Tgt Ion:149 Resp: 3867526

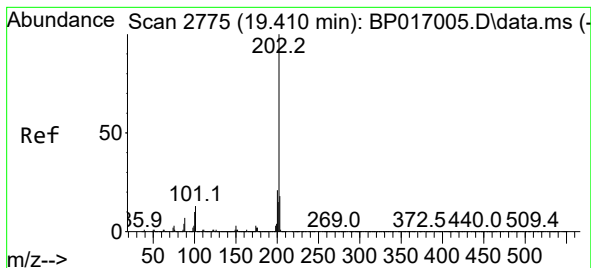
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.4 4.2 6.4





#80

Fluoranthene

Concen: 22.172 ng/ul

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

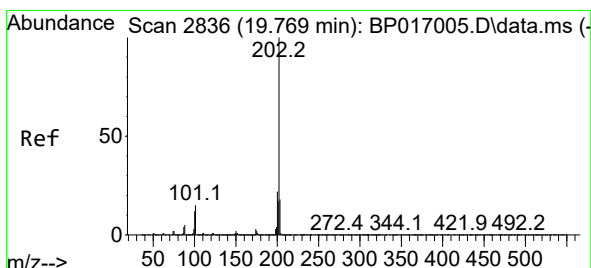
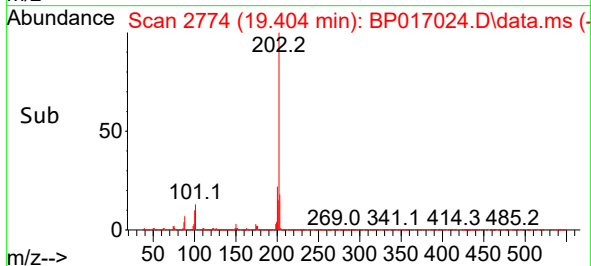
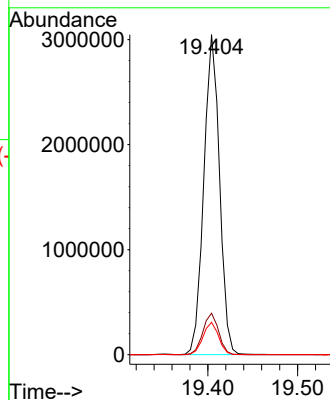
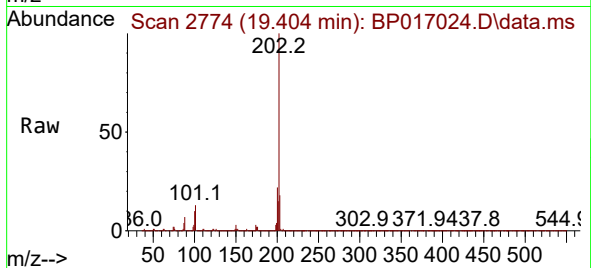
Tgt Ion:202 Resp: 3700144

Ion Ratio Lower Upper

202 100

101 12.9 10.0 15.0

100 10.1 7.5 11.3



#82

Pyrene

Concen: 22.162 ng/ul

RT: 19.763 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

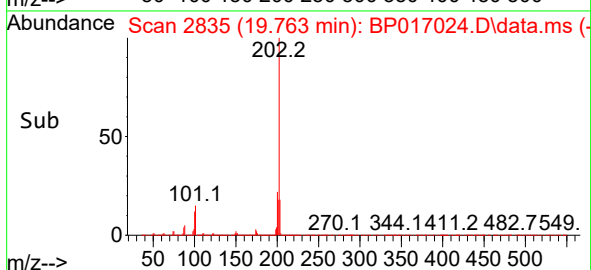
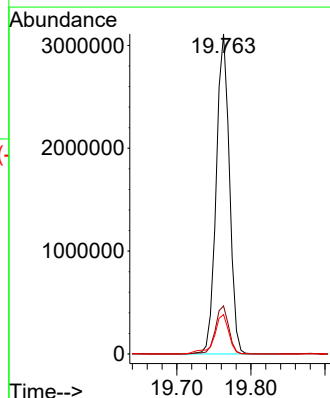
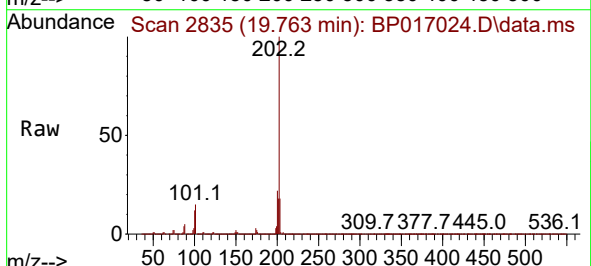
Tgt Ion:202 Resp: 3840076

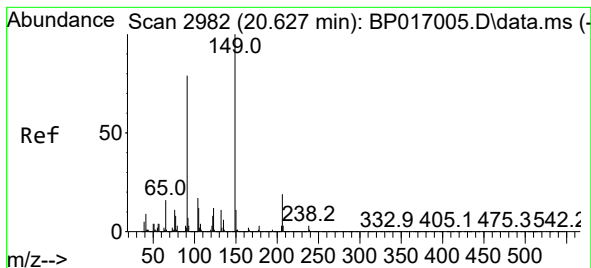
Ion Ratio Lower Upper

202 100

101 15.0 11.3 16.9

100 12.3 9.4 14.0





#83

Butylbenzylphthalate

Concen: 23.763 ng/ul

RT: 20.622 min Scan# 2982

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

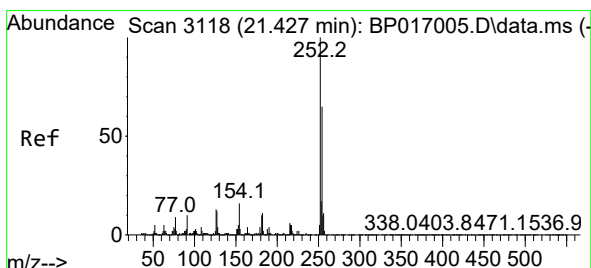
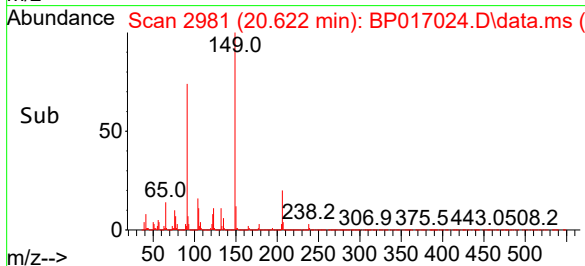
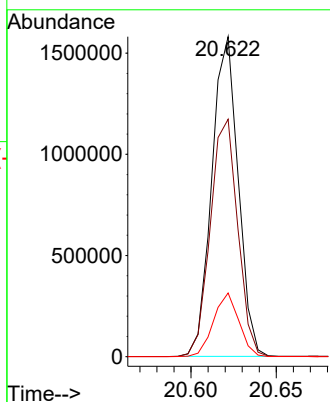
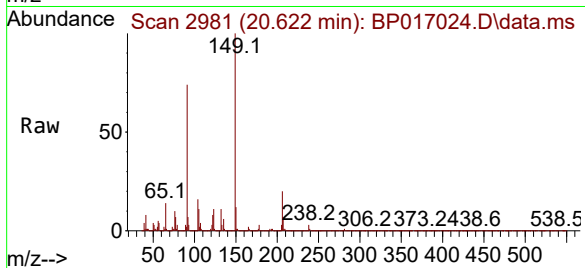
Tgt Ion:149 Resp: 1702734

Ion Ratio Lower Upper

149 100

91 74.2 59.1 88.7

206 19.9 15.7 23.5



#84

3,3'-Dichlorobenzidine

Concen: 20.032 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

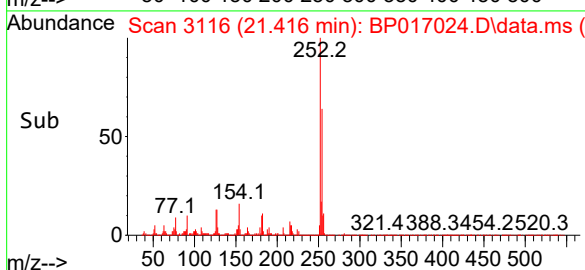
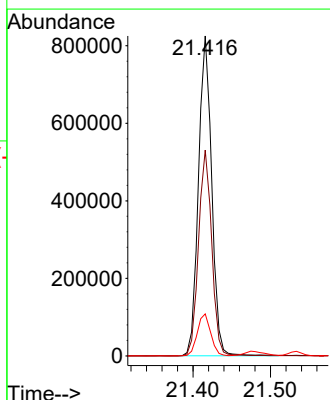
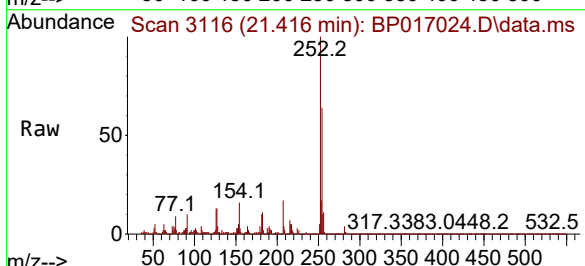
Tgt Ion:252 Resp: 975500

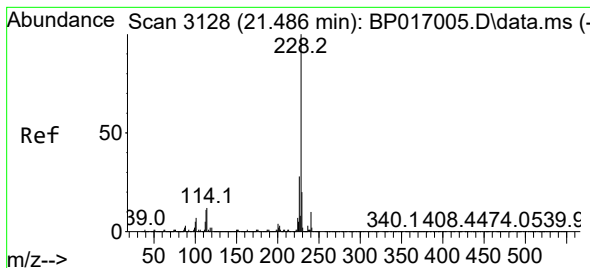
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 13.1 10.4 15.6





#85

Benzo(a)anthracene

Concen: 22.301 ng/ul

RT: 21.475 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

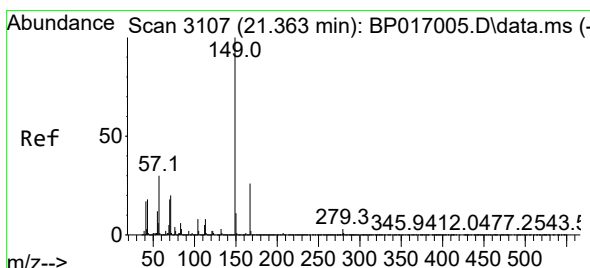
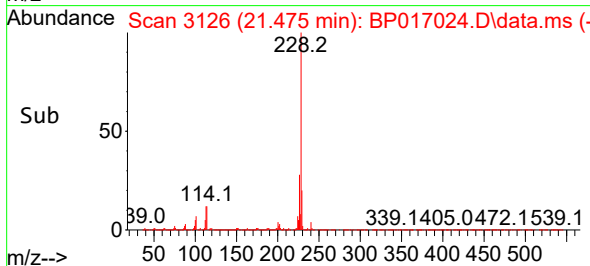
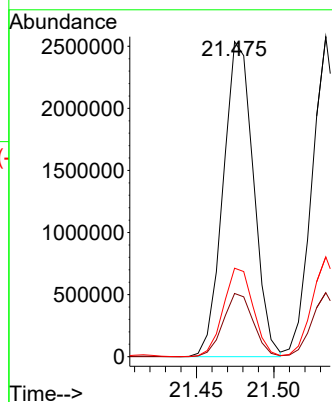
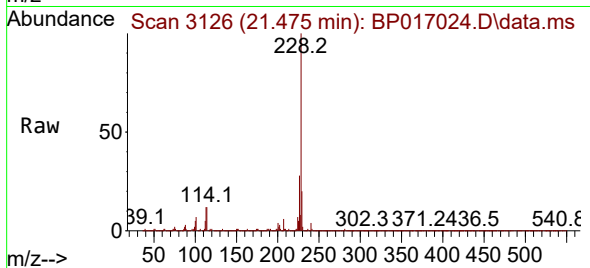
Tgt Ion:228 Resp: 3446354

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 28.1 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.229 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

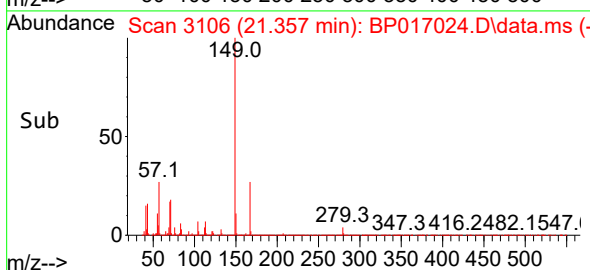
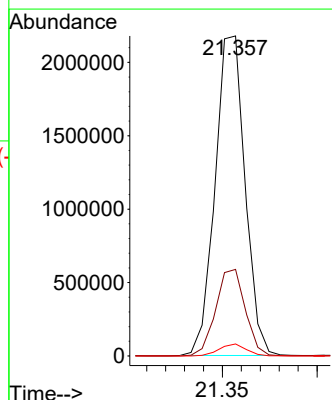
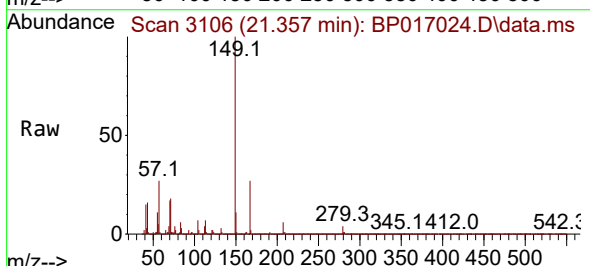
Tgt Ion:149 Resp: 2398542

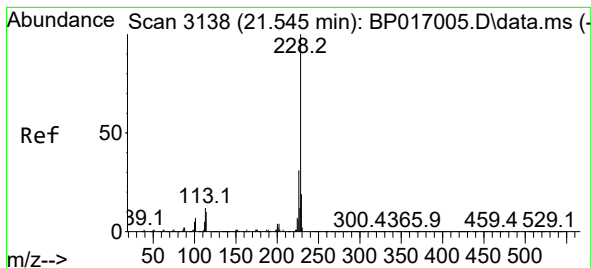
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.2

279 3.7 3.0 4.4





#87

Chrysene

Concen: 21.765 ng/ul

RT: 21.533 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

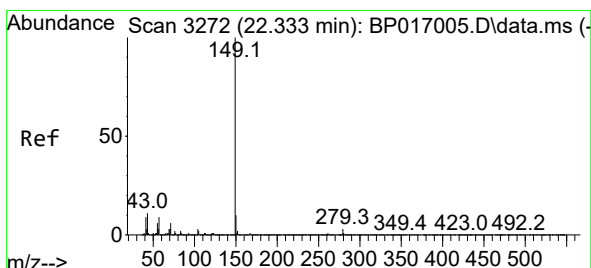
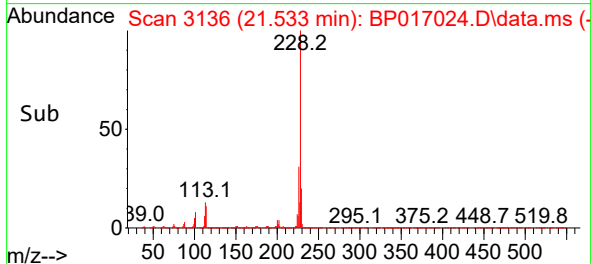
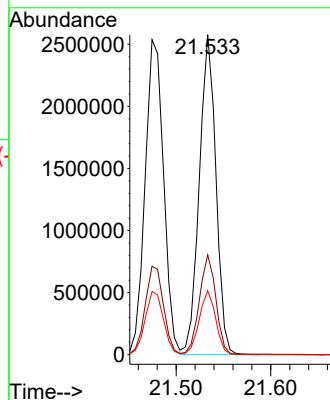
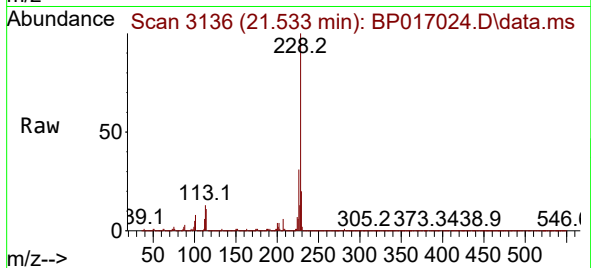
Tgt Ion:228 Resp: 3146329

Ion Ratio Lower Upper

228 100

226 31.2 24.6 36.8

229 20.0 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 22.835 ng/ul

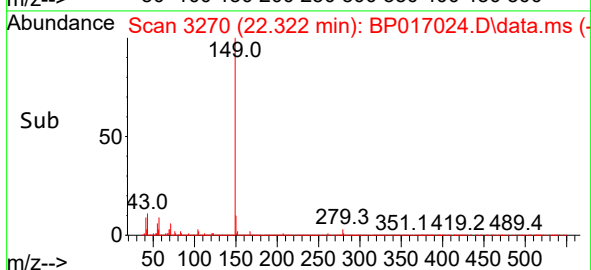
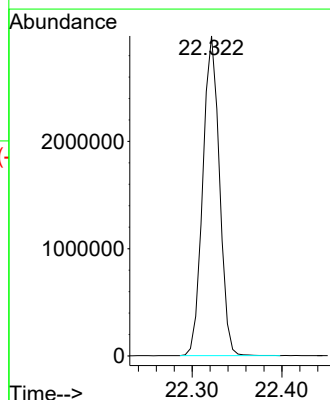
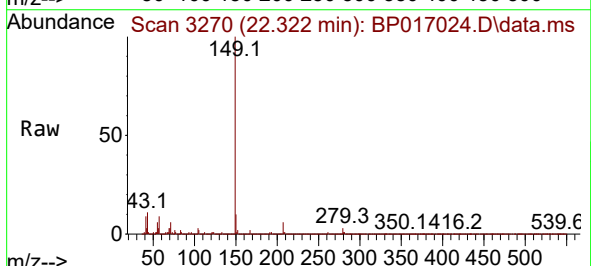
RT: 22.322 min Scan# 3270

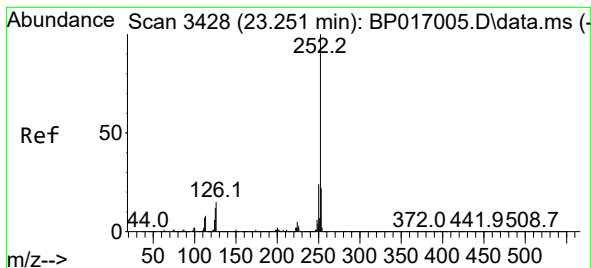
Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Tgt Ion:149 Resp: 3835585





#90

Benzo(b)fluoranthene

Concen: 21.400 ng/ul

RT: 23.239 min Scan# 3428

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

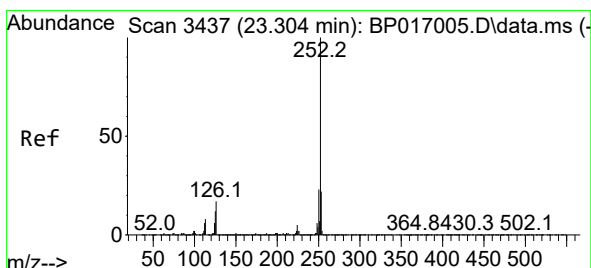
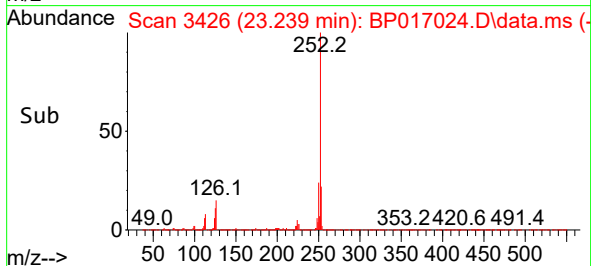
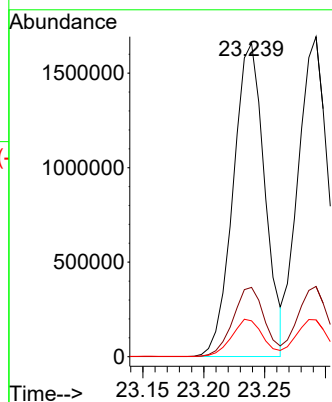
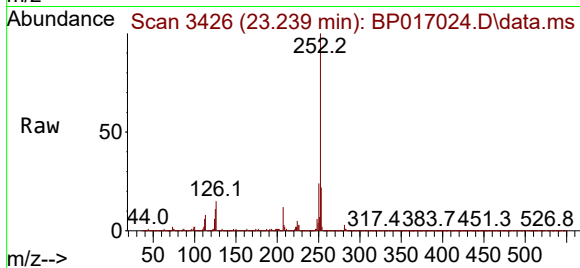
Tgt Ion:252 Resp: 2995839

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.5 8.8 13.2



#91

Benzo(k)fluoranthene

Concen: 21.612 ng/ul

RT: 23.292 min Scan# 3435

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

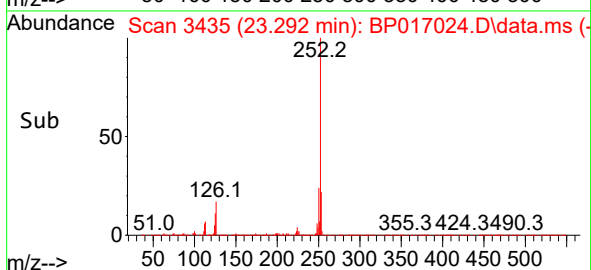
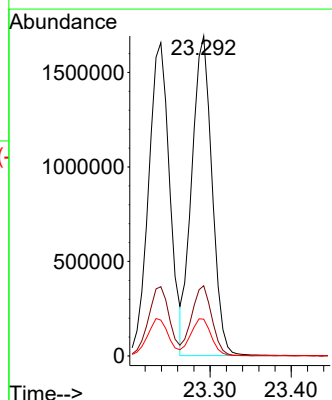
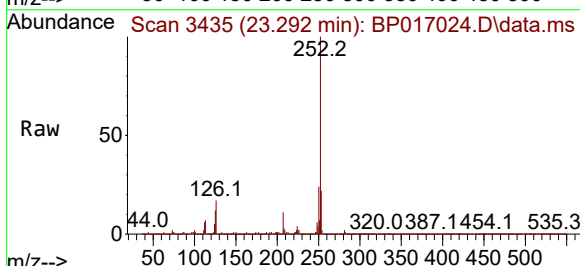
Tgt Ion:252 Resp: 2929946

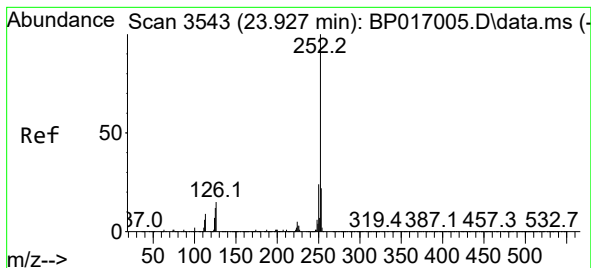
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.5 8.9 13.3





#93

Benzo(a)pyrene

Concen: 21.491 ng/ul

RT: 23.910 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

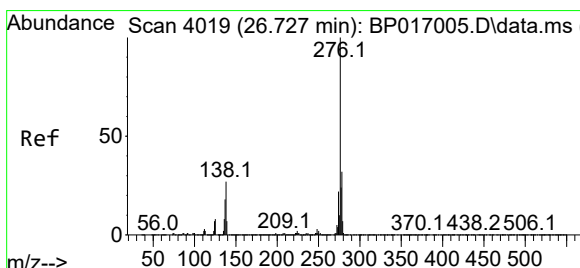
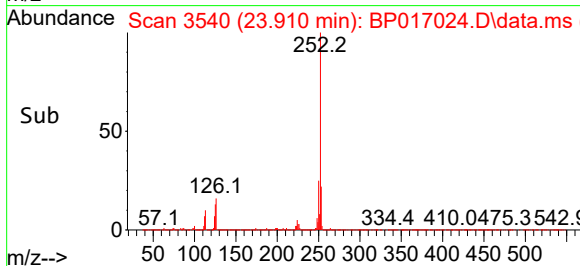
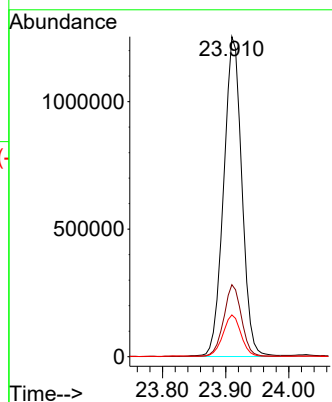
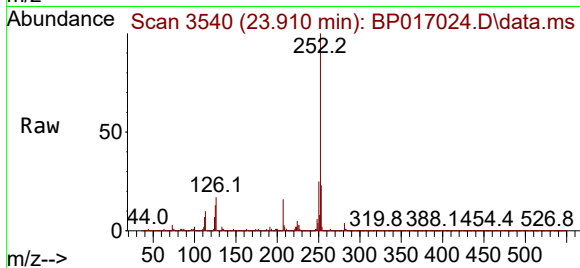
Tgt Ion:252 Resp: 2509398

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 13.1 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.874 ng/ul

RT: 26.710 min Scan# 4016

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

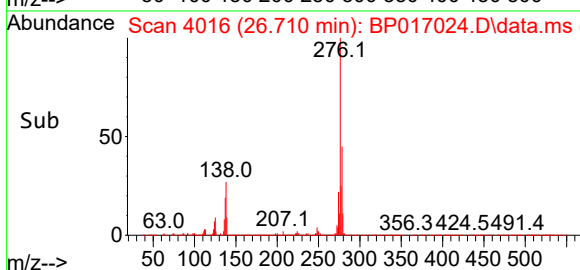
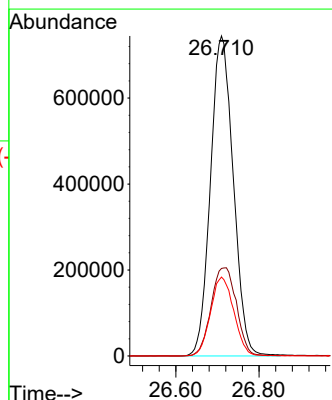
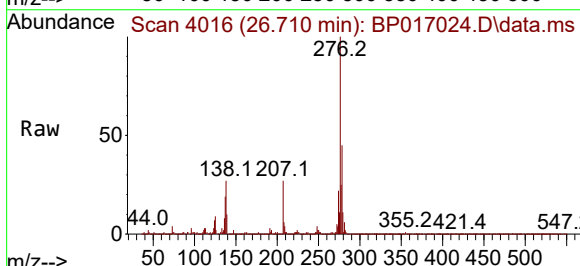
Tgt Ion:276 Resp: 2835231

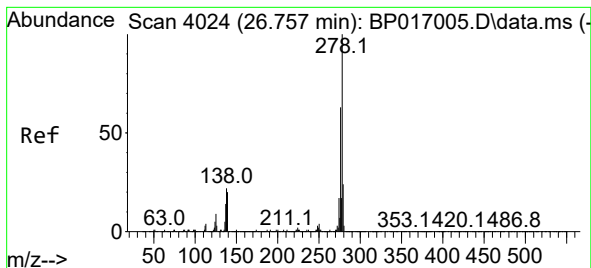
Ion Ratio Lower Upper

276 100

138 27.3 21.4 32.0

277 24.6 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 21.934 ng/ul

RT: 26.739 min Scan# 4024

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Instrument :

BNA_F

ClientSampleId :

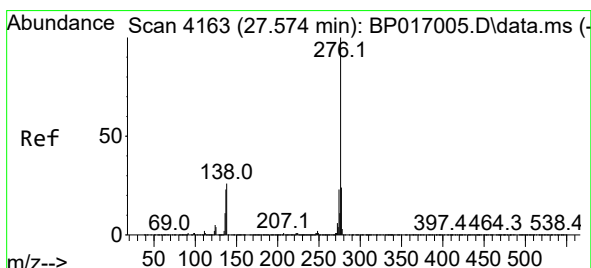
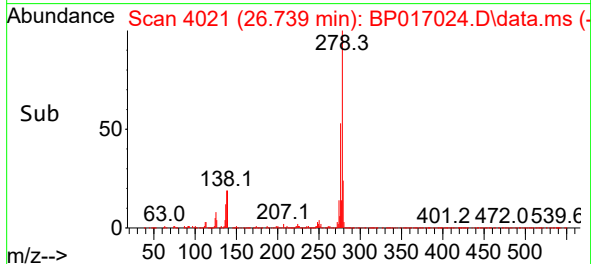
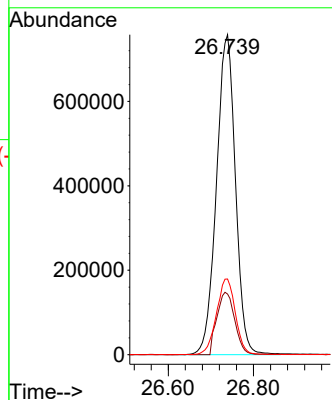
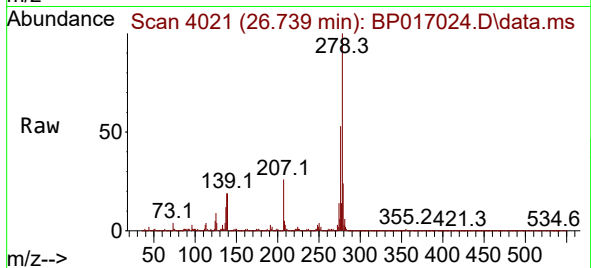
Tgt Ion:278 Resp: 2346537

Ion Ratio Lower Upper

278 100

139 18.9 14.9 22.3

279 23.7 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 21.819 ng/ul

RT: 27.551 min Scan# 4159

Delta R.T. 0.000 min

Lab File: BP017024.D

Acq: 08 Sep 2023 21:58

Tgt Ion:276 Resp: 2228631

Ion Ratio Lower Upper

276 100

138 25.1 19.5 29.3

277 23.6 18.7 28.1

