

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017570.D
 Acq On : 05 Oct 2023 17:39
 Operator : MA/JU
 Sample : PB156006BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 02:01:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	68615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	286757	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	189961	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.416	188	439536	20.000	ng/ul	-0.01
79) Chrysene-d12	21.557	240	460910	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	478775	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	14421	8.403	ng/uL	0.00
4) Pyridine-d5	3.723	84	197072	43.869	ng/ul	0.00
7) Phenol-d5	7.093	99	284318	49.249	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	168088	47.716	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	222228	48.888	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	222292	48.098	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	109930	49.830	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	124849	50.176	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	233729	50.669	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	294648	44.839	ng/ul	0.00
46) Dimethylphthalate-d6	14.046	166	748880	50.540	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	815439	49.907	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	134161	51.703	ng/ul	0.00
60) Fluorene-d10	15.634	176	638864	50.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	127551	46.548	ng/ul	0.00
73) Anthracene-d10	17.522	188	969919	47.672	ng/ul	0.00
81) Pyrene-d10	19.775	212	1297899	50.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1317083	54.510	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	31554	17.885	ng/uL	93
5) Pyridine	3.740	79	201523	42.720	ng/ul	94
6) Benzaldehyde	7.099	77	167091	57.413	ng/ul	99
8) Phenol	7.122	94	294640	50.956	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	226827	48.448	ng/ul	100
12) 2-Chlorophenol	7.493	128	232749	50.591	ng/ul	99
13) 2-Methylphenol	8.387	108	212263	48.983	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	168050	27.260	ng/ul	98
16) Acetophenone	8.799	105	365417	50.135	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	192270	51.412	ng/ul	96
18) 4-Methylphenol	8.728	108	242101	51.630	ng/ul	99
19) Hexachloroethane	9.005	117	97466	47.726	ng/ul	97
22) Nitrobenzene	9.187	77	290638	51.219	ng/ul	97
23) Isophorone	9.705	82	532492	51.148	ng/ul	98
25) 2-Nitrophenol	9.893	139	138634	52.509	ng/ul	99
26) 2,4-Dimethylphenol	9.940	107	175463	33.519	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	315996	49.643	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	238415	53.230	ng/ul	97
30) Naphthalene	10.828	128	766207	50.080	ng/ul	99
32) 4-Chloroaniline	10.969	127	271514	43.287	ng/ul	99
33) Hexachlorobutadiene	11.052	225	161277	49.582	ng/ul	97
34) Caprolactam	11.805	113	78437	56.431	ng/ul	98
35) 4-Chloro-3-methylphenol	12.081	107	262470	55.524	ng/ul	97
36) 2-Methylnaphthalene	12.440	142	531424	50.832	ng/ul	100

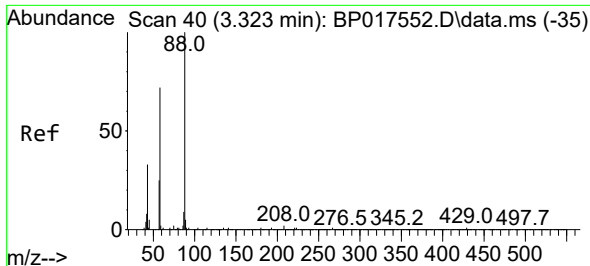
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	521226	48.594	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	306691	49.278	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	93402	26.608	ng/ul	97
41) 2,4,6-Trichlorophenol	13.052	196	186912	47.125	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	211759	50.704	ng/ul	98
43) 1,1'-Biphenyl	13.457	154	731183	50.282	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	585180	50.614	ng/ul	99
45) 2-Nitroaniline	13.751	65	180369	56.143	ng/ul	99
47) Dimethylphthalate	14.093	163	776286	52.124	ng/ul	99
48) 2,6-Dinitrotoluene	14.246	165	157290	56.677	ng/ul	96
50) Acenaphthylene	14.357	152	922419	48.817	ng/ul	99
51) 3-Nitroaniline	14.587	138	161565	61.069	ng/ul	97
52) Acenaphthene	14.693	153	637342	51.101	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	72956	44.410	ng/ul	88
55) 4-Nitrophenol	14.887	109	125247	53.752	ng/ul	97
56) Dibenzofuran	15.034	168	918820	52.344	ng/ul	98
57) 2,4-Dinitrotoluene	15.034	165	237760	57.400	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	166060	44.925	ng/ul	99
59) Diethylphthalate	15.457	149	793389	53.111	ng/ul	100
61) Fluorene	15.693	166	770439	53.144	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	392256	52.817	ng/ul	99
63) 4-Nitroaniline	15.763	138	168114	67.607	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.793	198	136495	46.561	ng/ul#	97
67) N-Nitrosodiphenylamine	15.910	169	639235	51.939	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	242074	51.950	ng/ul	97
69) Hexachlorobenzene	16.669	284	285530	52.032	ng/ul	96
70) Atrazine	16.875	200	31849	6.689	ng/ul	92
71) Pentachlorophenol	17.045	266	124483	37.472	ng/ul	97
72) Phenanthrene	17.463	178	1250092	52.844	ng/ul	99
74) Anthracene	17.557	178	1198719	49.716	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	64311	9.898	ng/uL	99
76) Pentachlorobenzene	14.928	250	322904	50.066	ng/uL	98
77) Carbazole	17.845	167	1162876	53.710	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1418283	54.350	ng/ul	99
80) Fluoranthene	19.439	202	1572518	52.706	ng/ul	99
82) Pyrene	19.804	202	1645942	52.285	ng/ul	99
83) Butylbenzylphthalate	20.669	149	676406	54.712	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.480	252	548741	52.397	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1695921	52.520	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	982999	55.163	ng/ul	99
87) Chrysene	21.598	228	1595071	52.846	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	1700695	56.151	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1705041	56.730	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	1666171	55.602	ng/ul	99
93) Benzo(a)pyrene	24.016	252	1499742	53.377	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	1894705	55.161	ng/ul	99
95) Dibenzo(a,h)anthracene	26.904	278	1599544	55.265	ng/ul	100
96) Benzo(g,h,i)perylene	27.733	276	1536886	55.776	ng/ul	100

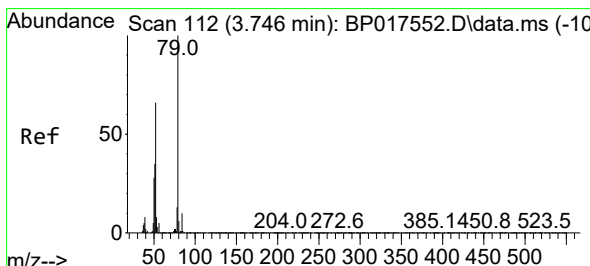
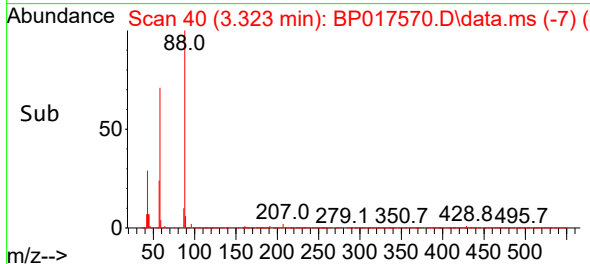
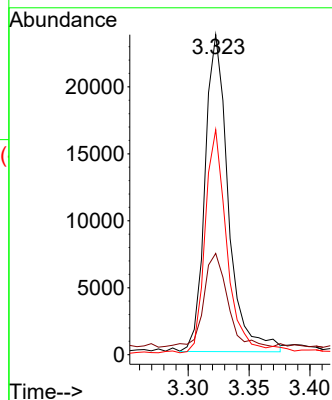
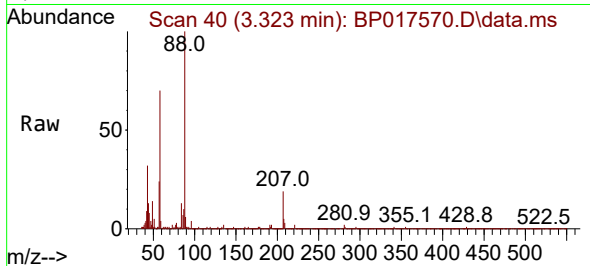
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#2
 1,4-Dioxane
 Concen: 17.885 ng/uL
 RT: 3.323 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

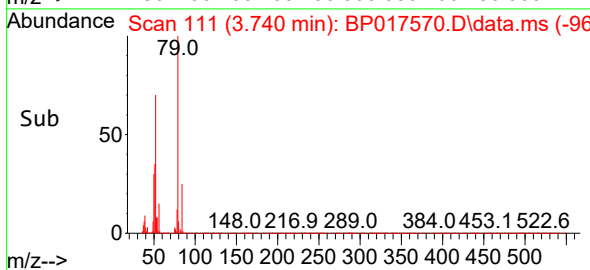
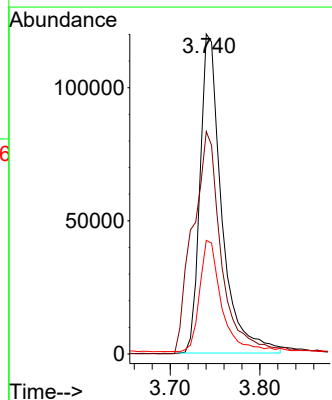
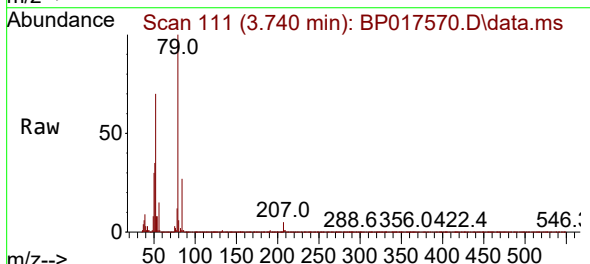
Instrument :
 BNA_G
 ClientSampleId :

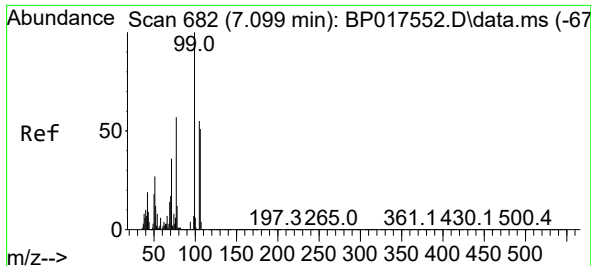
Tgt Ion:	88	Resp:	31554
Ion	Ratio	Lower	Upper
88	100		
43	31.6	22.6	34.0
58	70.3	51.4	77.2



#5
 Pyridine
 Concen: 42.720 ng/uL
 RT: 3.740 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

Tgt Ion:	79	Resp:	201523
Ion	Ratio	Lower	Upper
79	100		
52	69.5	52.6	78.8
51	35.5	31.7	47.5

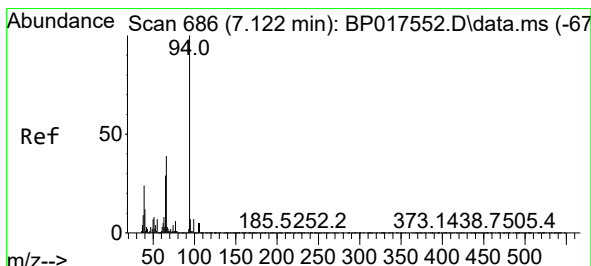
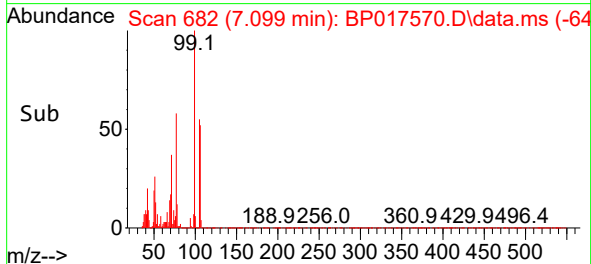
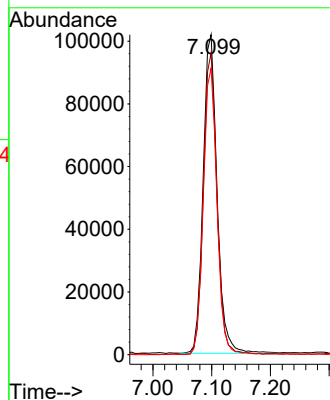
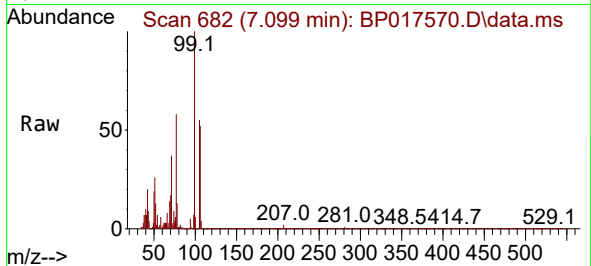




#6
Benzaldehyde
Concen: 57.413 ng/ul
RT: 7.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

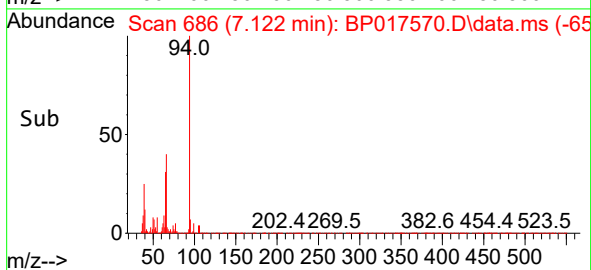
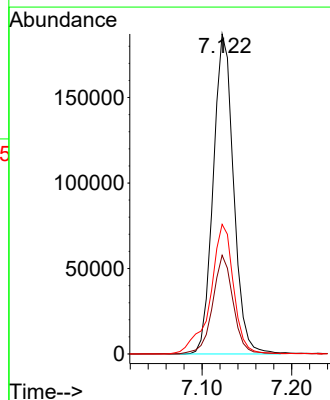
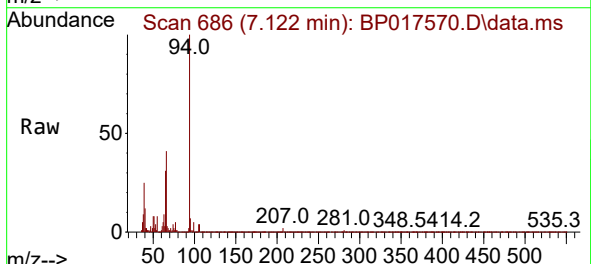
Instrument :
BNA_G
ClientSampleId :

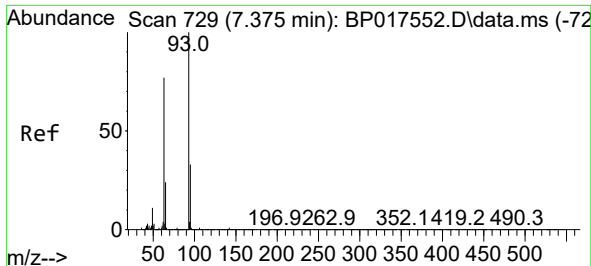
Tgt Ion: 77 Resp: 167091
Ion Ratio Lower Upper
77 100
105 94.3 74.6 112.0
106 89.6 72.8 109.2



#8
Phenol
Concen: 50.956 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion: 94 Resp: 294640
Ion Ratio Lower Upper
94 100
65 30.9 23.5 35.3
66 40.5 32.3 48.5

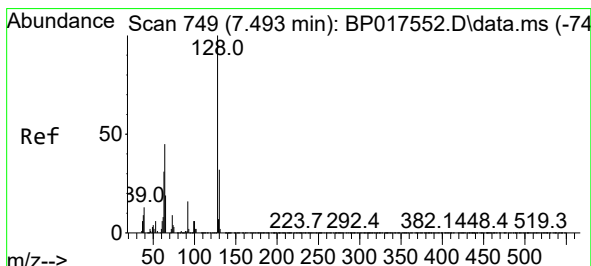
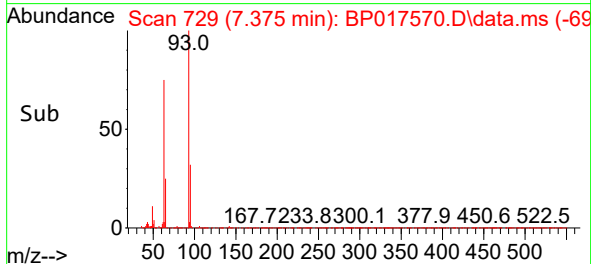
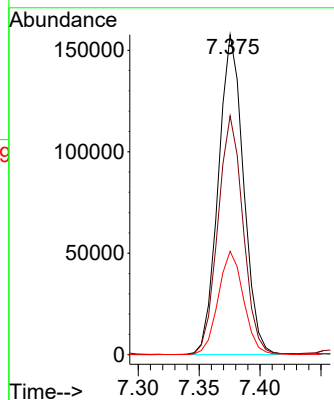
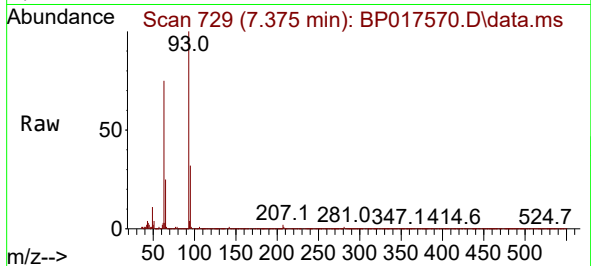




#10
 Bis(2-Chloroethyl)ether
 Concen: 48.448 ng/ul
 RT: 7.375 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

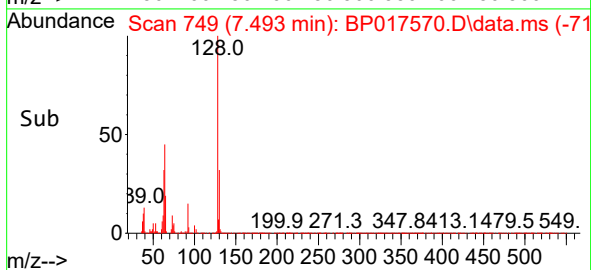
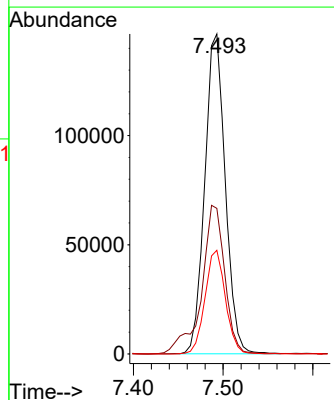
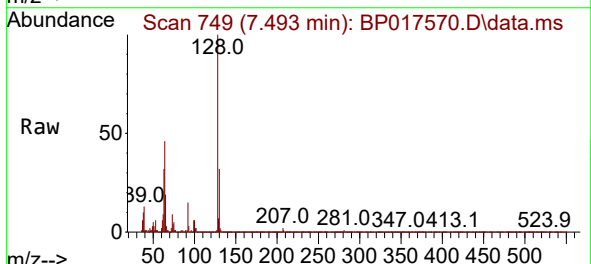
Instrument :
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 ClientSampleId :

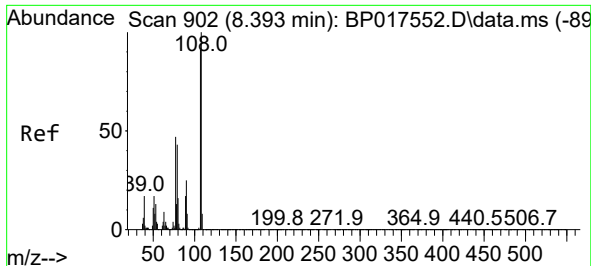
Tgt Ion: 93	Resp: 226827
Ion Ratio	Lower Upper
93 100	
63 74.6	60.0 90.0
95 32.3	25.9 38.9



#12
 2-Chlorophenol
 Concen: 50.591 ng/ul
 RT: 7.493 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

Tgt Ion:128	Resp: 232749		
Ion Ratio	Lower	Upper	
128 100			
64 45.5	36.7	55.1	
130 32.4	25.4	38.0	





#13

2-Methylphenol

Concen: 48.983 ng/ul

RT: 8.387 min Scan# 901

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

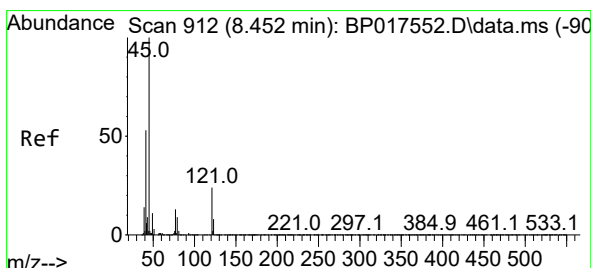
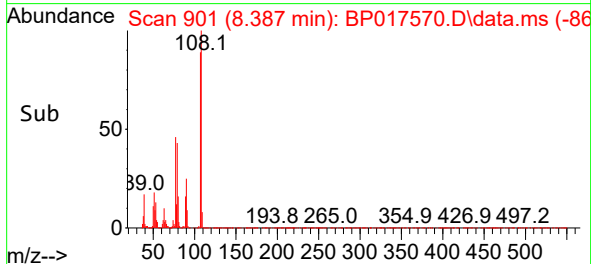
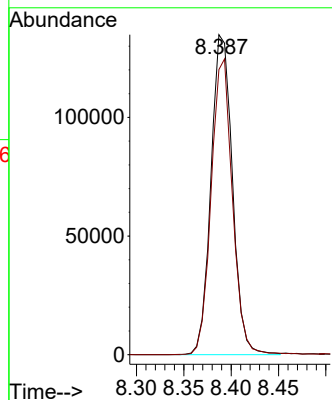
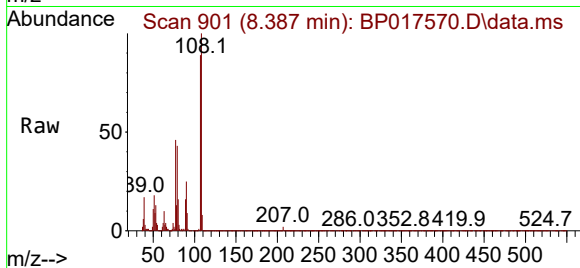
ClientSampleId :

Tgt Ion:108 Resp: 212263

Ion Ratio Lower Upper

108 100

107 89.1 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.260 ng/ul

RT: 8.452 min Scan# 912

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

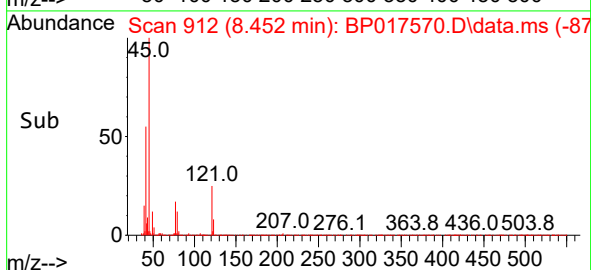
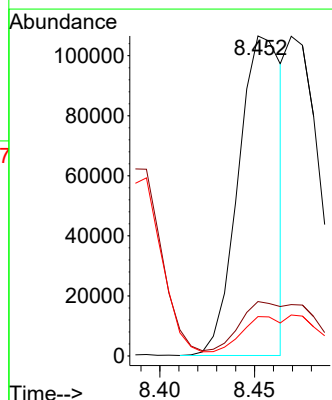
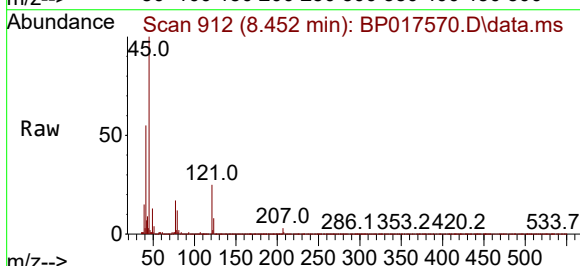
Tgt Ion: 45 Resp: 168050

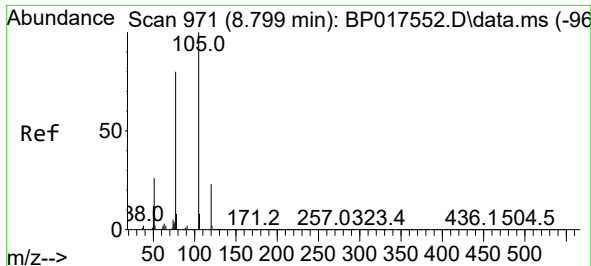
Ion Ratio Lower Upper

45 100

77 17.0 12.9 19.3

79 12.3 9.0 13.4

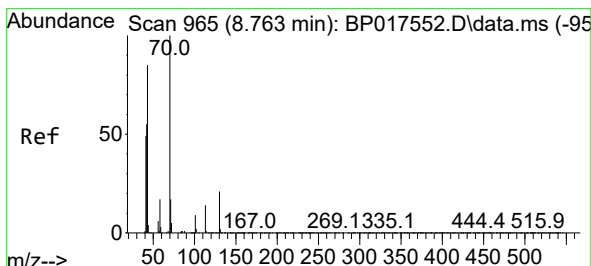
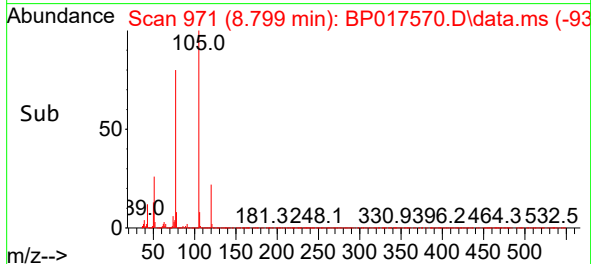
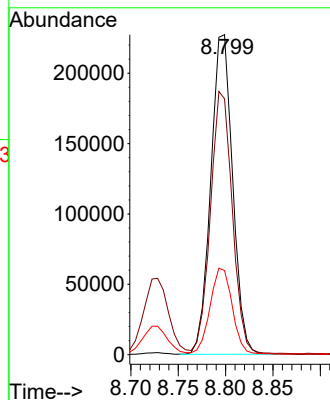
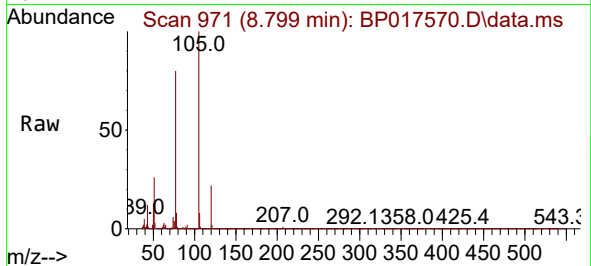




#16
Acetophenone
Concen: 50.135 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

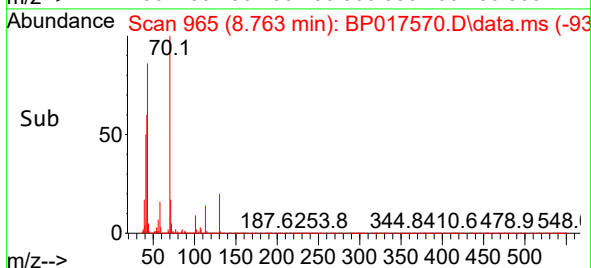
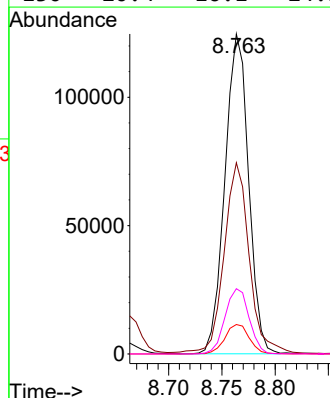
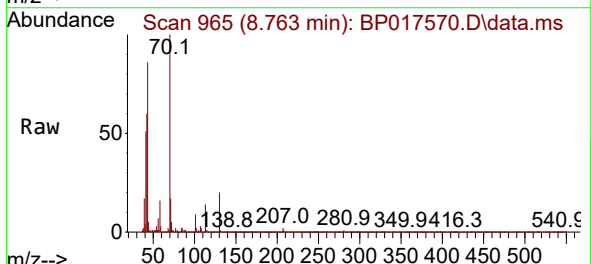
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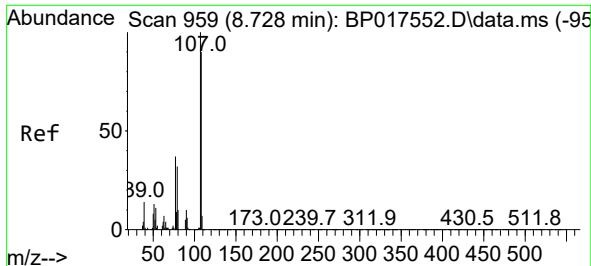
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Ion Ratio Lower Upper
105 100
77 80.0 63.5 95.3
51 26.3 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 51.412 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion: 70 Resp: 192270
Ion Ratio Lower Upper
70 100
42 59.8 44.9 67.3
101 9.2 7.7 11.5
130 20.4 16.1 24.1

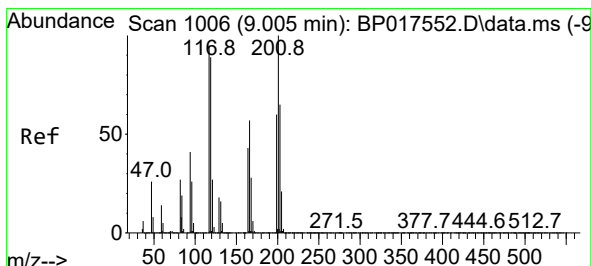
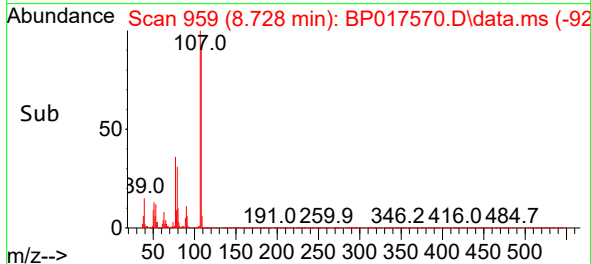
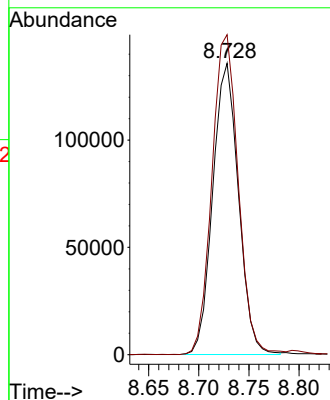
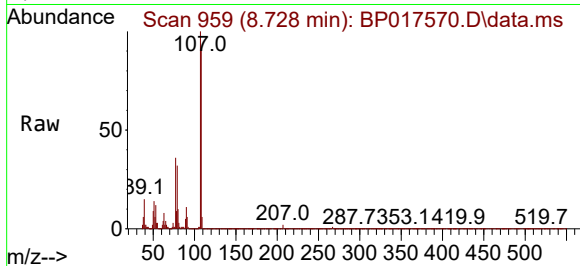




#18
4-Methylphenol
Concen: 51.630 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

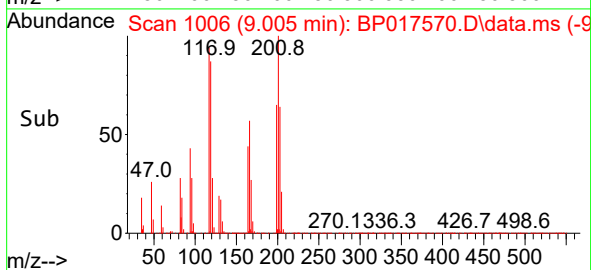
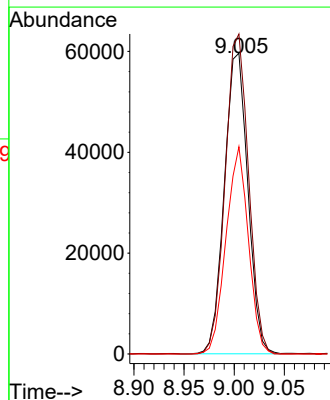
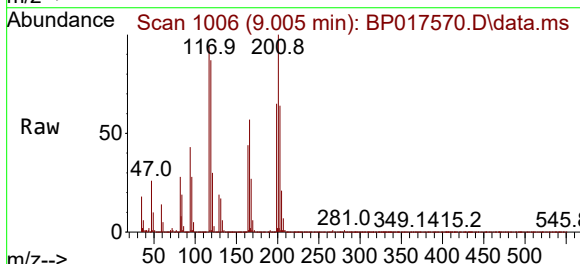
Instrument :
BNA_G
ClientSampleId :

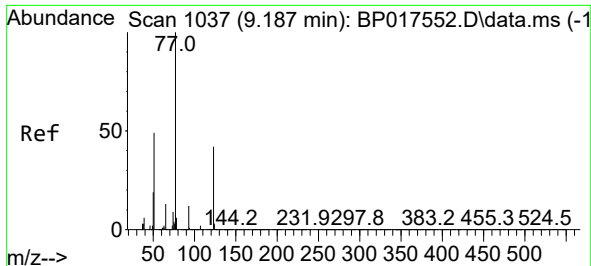
Tgt Ion:108 Resp: 242101
Ion Ratio Lower Upper
108 100
107 109.8 89.0 133.6



#19
Hexachloroethane
Concen: 47.726 ng/ul
RT: 9.005 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:117 Resp: 97466
Ion Ratio Lower Upper
117 100
201 106.4 83.2 124.8
199 68.9 52.8 79.2

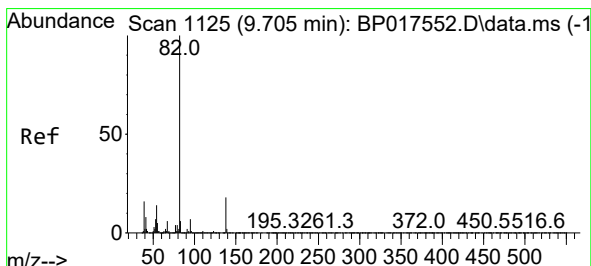
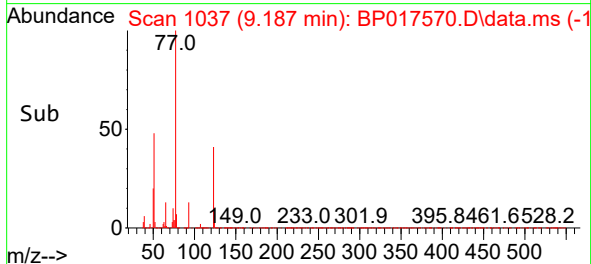
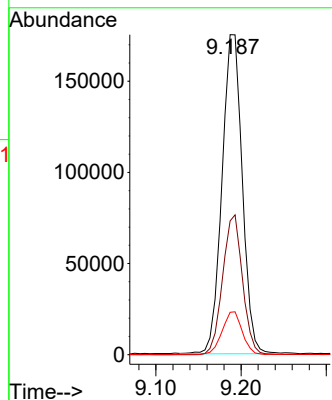
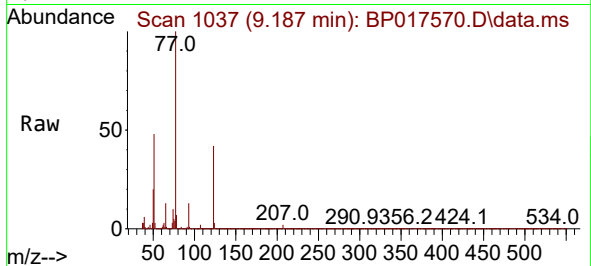




#22
Nitrobenzene
Concen: 51.219 ng/ul
RT: 9.187 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

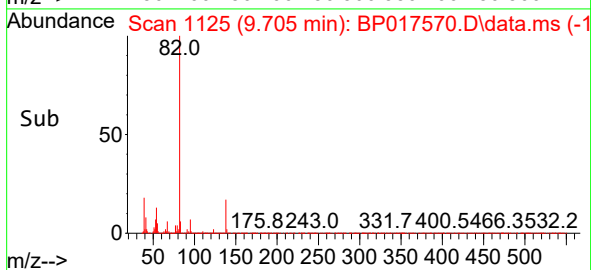
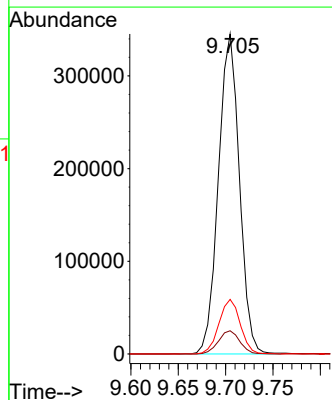
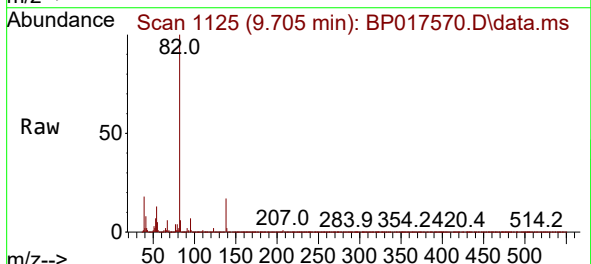
Instrument :
BNA_G
ClientSampleId :

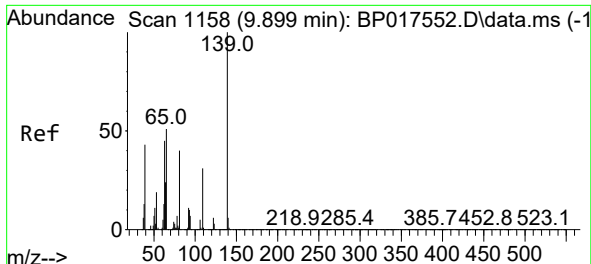
Tgt Ion: 77 Resp: 290638
Ion Ratio Lower Upper
77 100
123 41.8 35.0 52.6
65 13.3 11.0 16.4



#23
Isophorone
Concen: 51.148 ng/ul
RT: 9.705 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion: 82 Resp: 532492
Ion Ratio Lower Upper
82 100
95 7.3 6.3 9.5
138 17.0 14.6 21.8

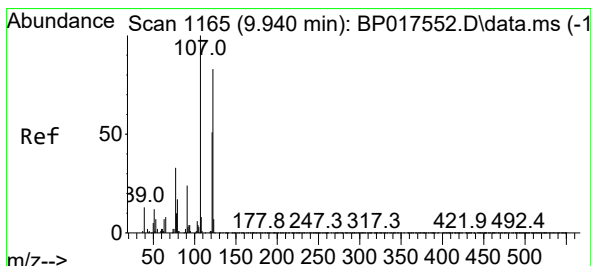
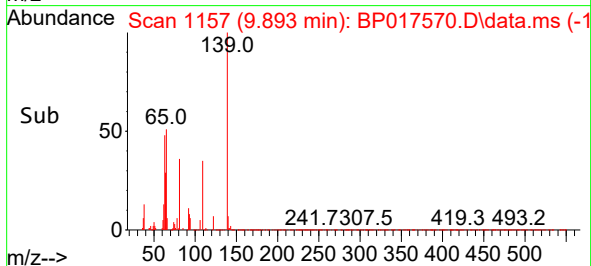
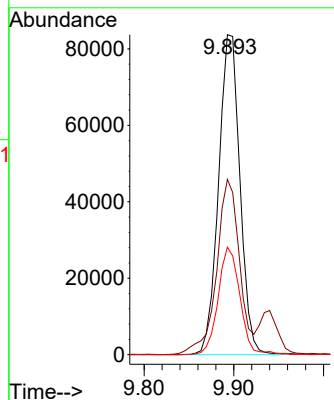
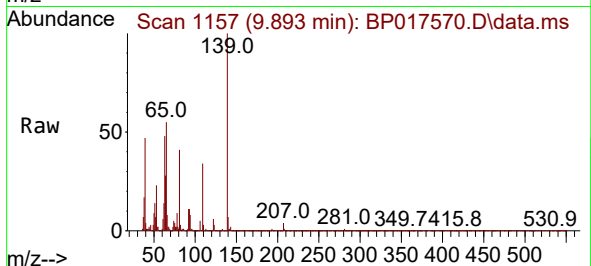




#25
2-Nitrophenol
Concen: 52.509 ng/ul
RT: 9.893 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

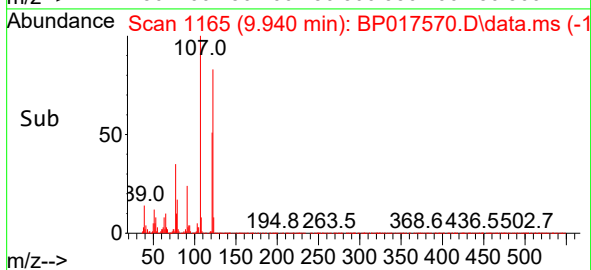
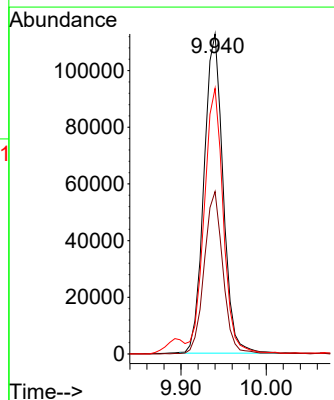
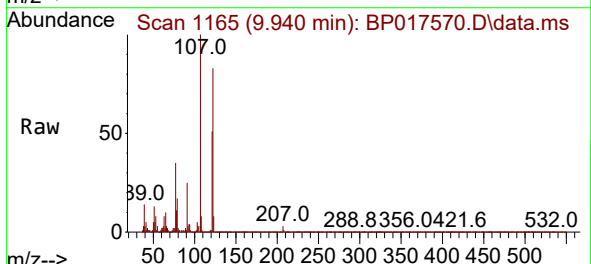
Instrument :
BNA_G
ClientSampleId :

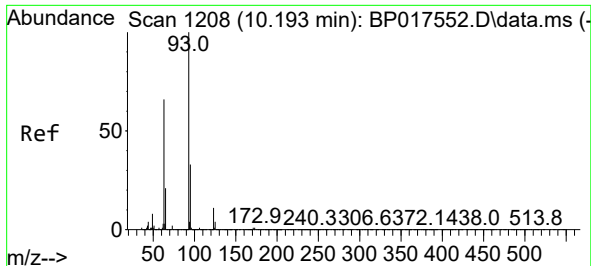
Tgt Ion:139 Resp: 138634
Ion Ratio Lower Upper
139 100
65 54.8 43.4 65.0
109 33.6 26.6 39.8



#26
2,4-Dimethylphenol
Concen: 33.519 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:107 Resp: 175463
Ion Ratio Lower Upper
107 100
121 50.7 39.8 59.8
122 83.0 68.3 102.5





#27

Bis(2-Chloroethoxy)methane

Concen: 49.643 ng/ul

RT: 10.193 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

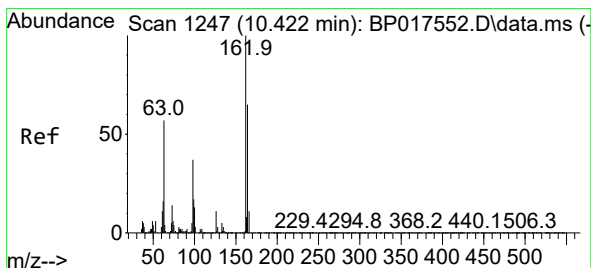
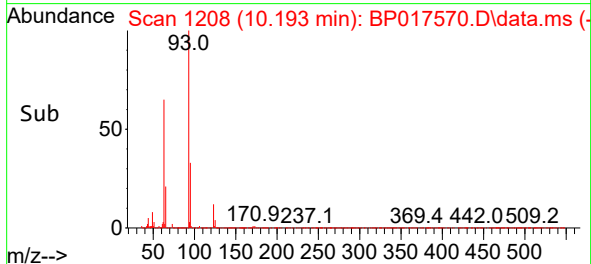
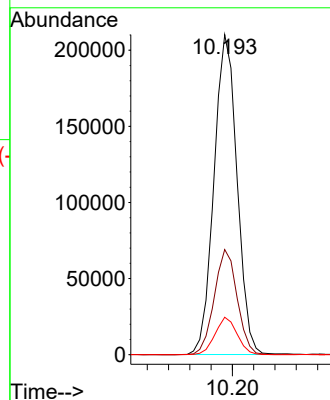
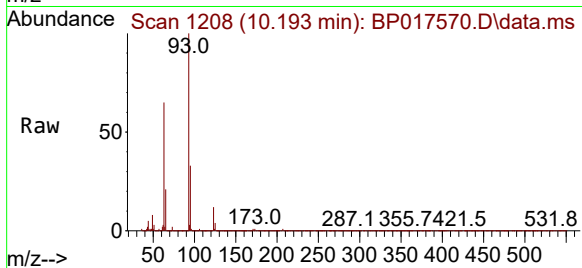
Tgt Ion: 93 Resp: 315996

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.7 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 53.230 ng/ul

RT: 10.416 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

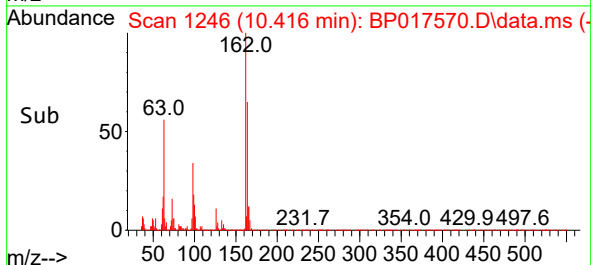
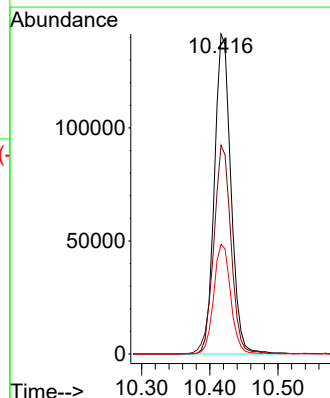
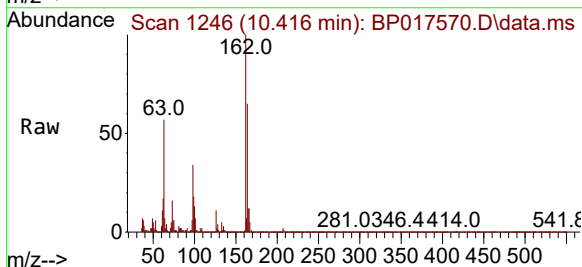
Tgt Ion: 162 Resp: 238415

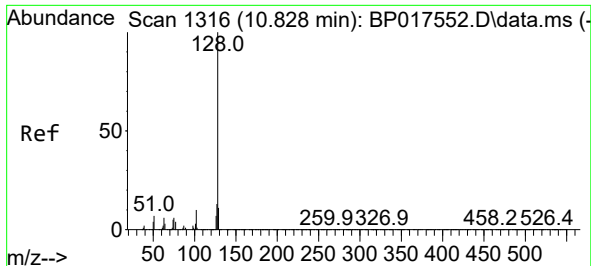
Ion Ratio Lower Upper

162 100

164 65.2 54.4 81.6

98 34.3 28.2 42.4

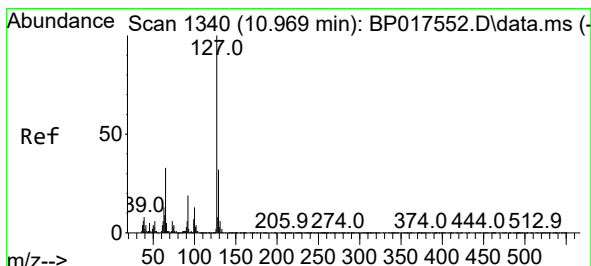
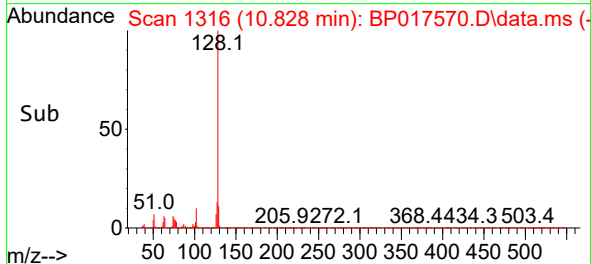
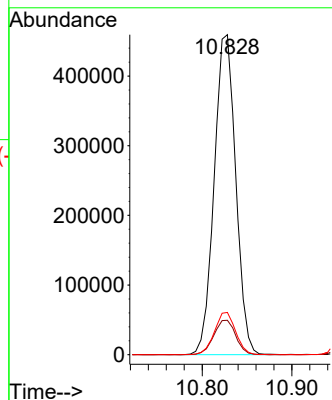
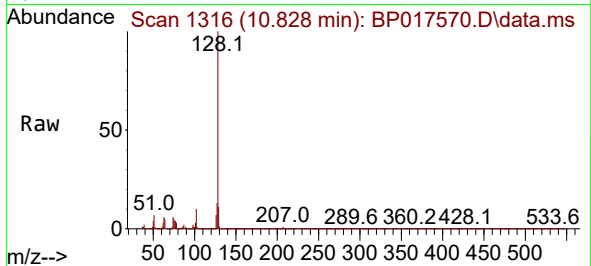




#30
Naphthalene
Concen: 50.080 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

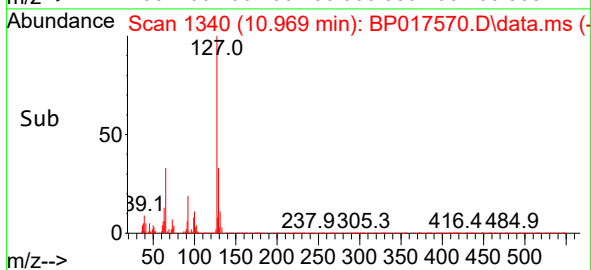
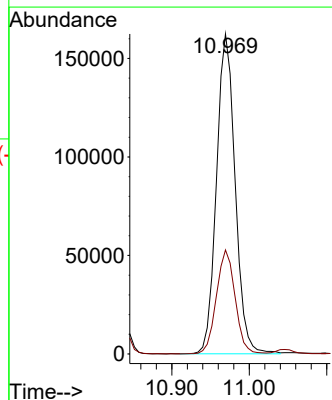
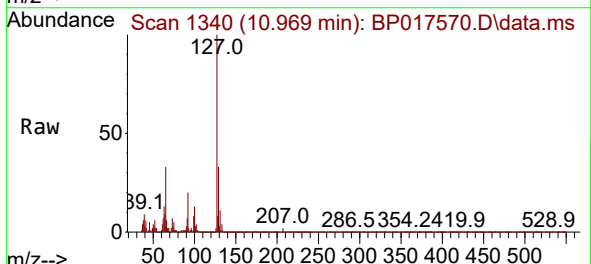
Instrument :
BNA_G
ClientSampleId :

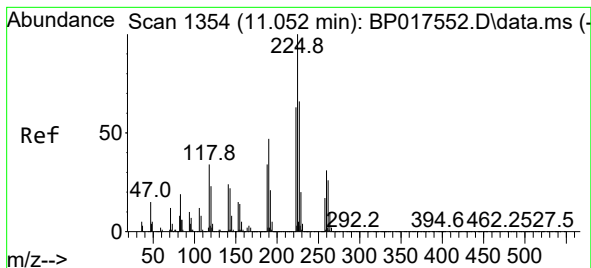
Tgt Ion:128 Resp: 766207
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.2 15.4



#32
4-Chloroaniline
Concen: 43.287 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:127 Resp: 271514
Ion Ratio Lower Upper
127 100
129 32.5 26.2 39.4





#33

Hexachlorobutadiene

Concen: 49.582 ng/ul

RT: 11.052 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

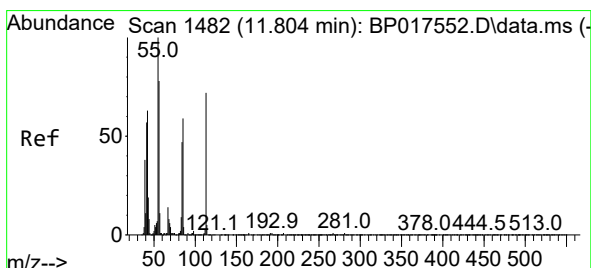
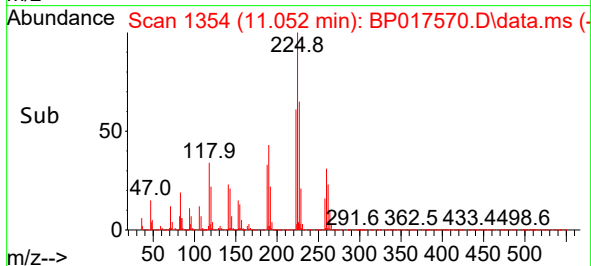
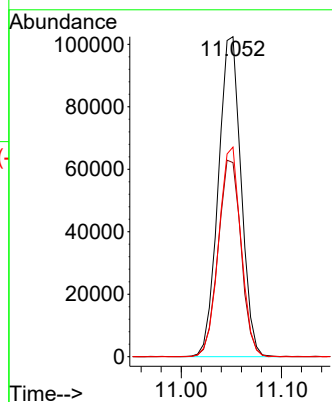
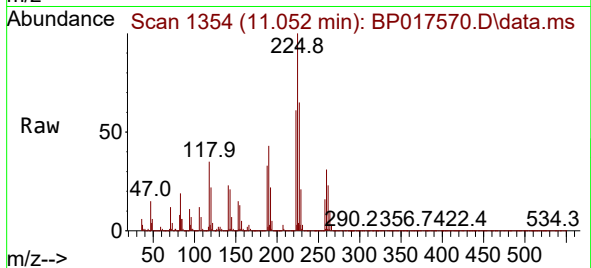
Tgt Ion:225 Resp: 161277

Ion Ratio Lower Upper

225 100

223 60.6 51.5 77.3

227 65.5 51.4 77.0



#34

Caprolactam

Concen: 56.431 ng/ul

RT: 11.805 min Scan# 1482

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

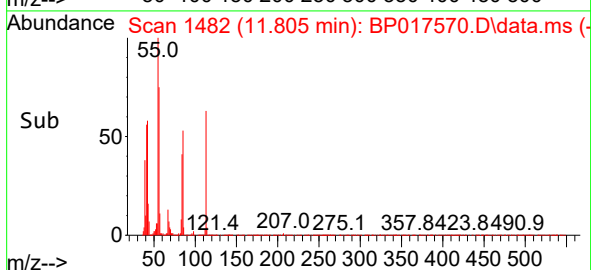
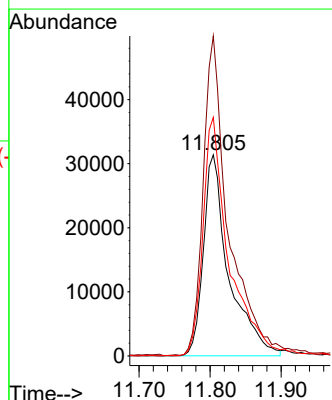
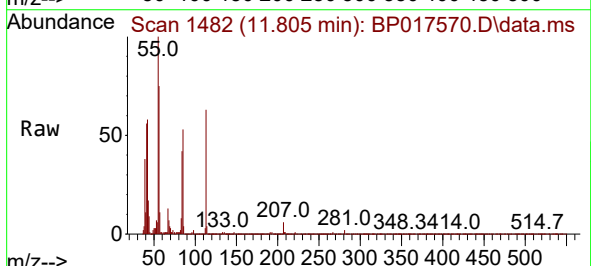
Tgt Ion:113 Resp: 78437

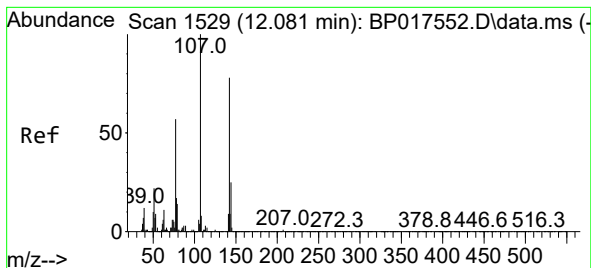
Ion Ratio Lower Upper

113 100

55 159.1 124.6 187.0

56 118.6 94.7 142.1

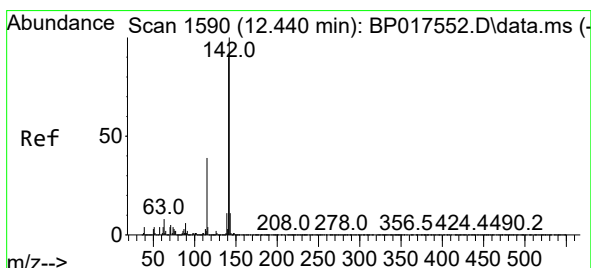
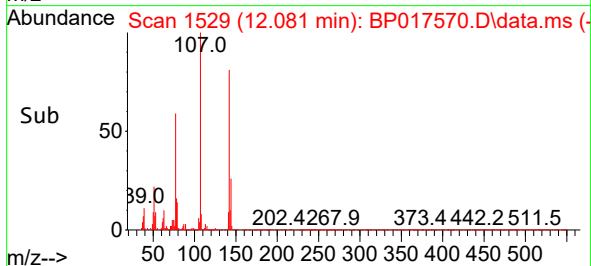
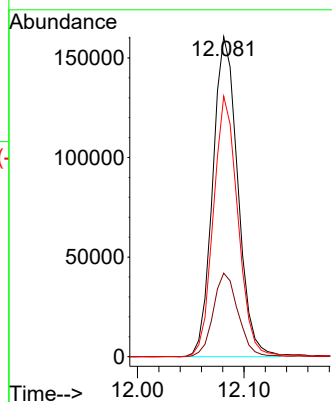
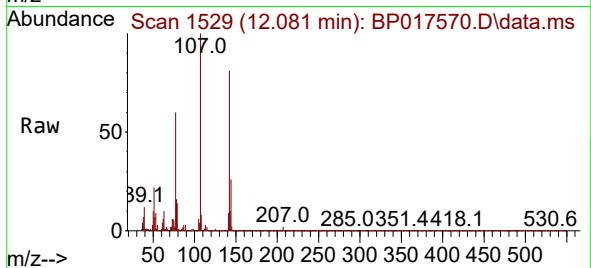




#35
4-Chloro-3-methylphenol
Concen: 55.524 ng/ul
RT: 12.081 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

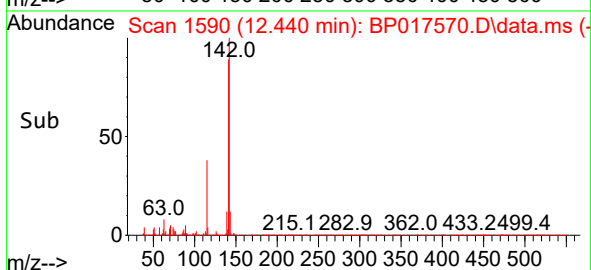
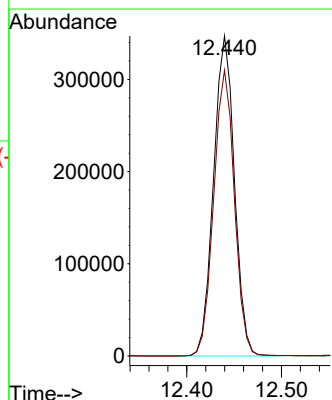
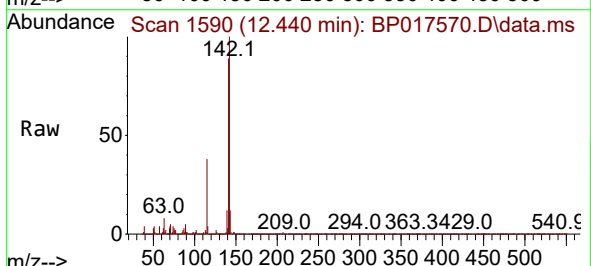
Instrument :
BNA_G
ClientSampleId :

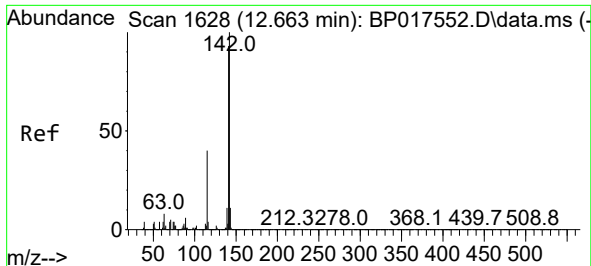
Tgt Ion:107 Resp: 262470
Ion Ratio Lower Upper
107 100
144 26.1 20.8 31.2
142 81.4 62.3 93.5



#36
2-Methylnaphthalene
Concen: 50.832 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:142 Resp: 531424
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2





#37

1-Methylnaphthalene

Concen: 48.594 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

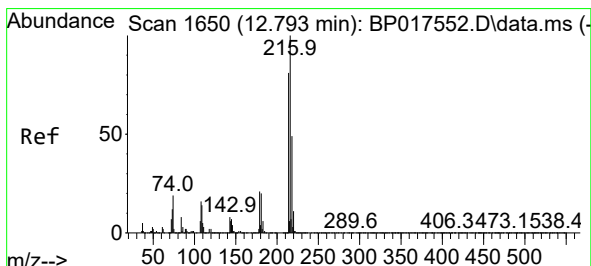
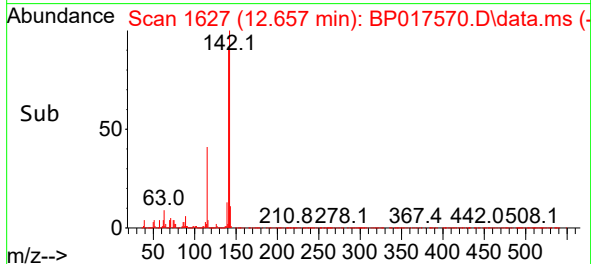
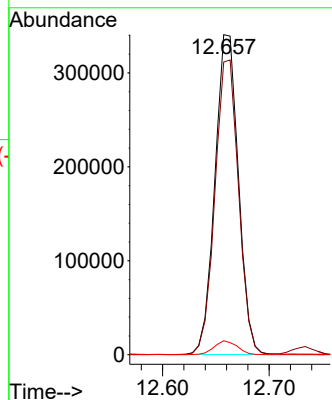
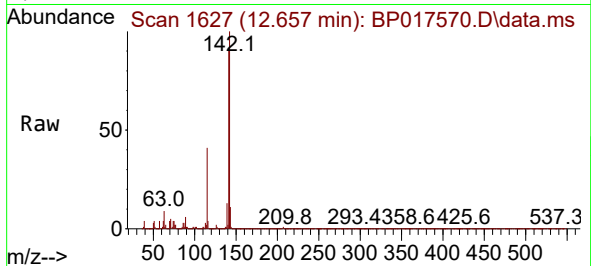
Tgt Ion:142 Resp: 521226

Ion Ratio Lower Upper

142 100

141 91.5 74.1 111.1

116 4.4 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.278 ng/ul

RT: 12.793 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Tgt Ion:216 Resp: 306691

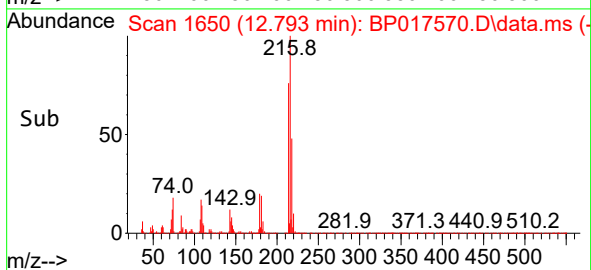
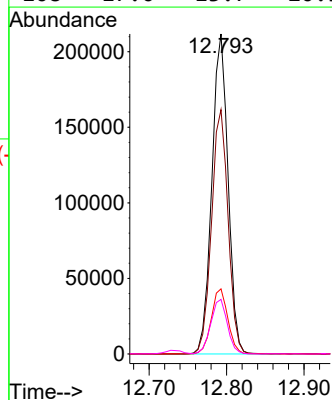
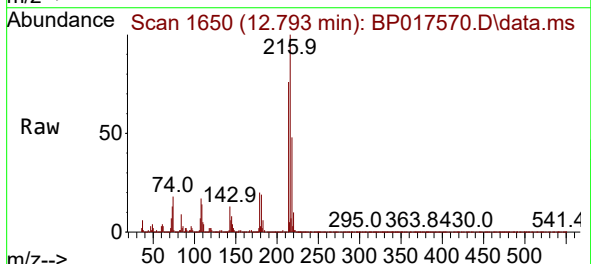
Ion Ratio Lower Upper

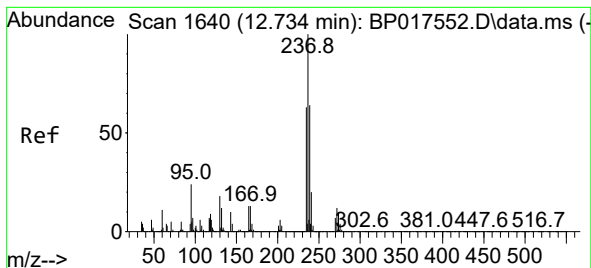
216 100

214 76.4 62.6 94.0

179 20.3 17.1 25.7

108 17.0 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 26.608 ng/ul

RT: 12.734 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

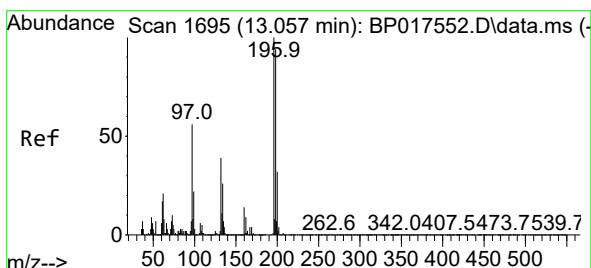
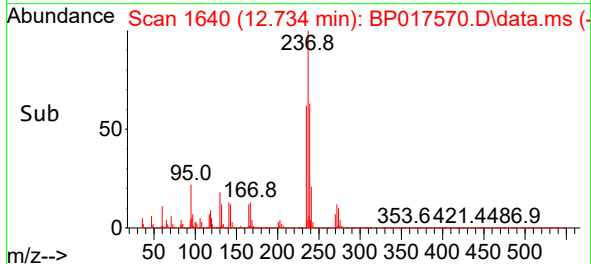
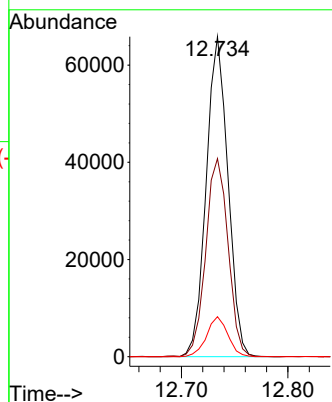
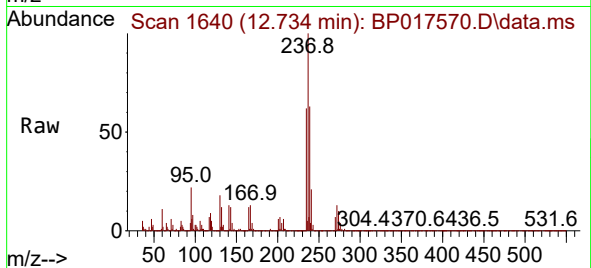
Tgt Ion:237 Resp: 93402

Ion Ratio Lower Upper

237 100

235 61.9 51.4 77.0

272 12.5 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 47.125 ng/ul

RT: 13.052 min Scan# 1694

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

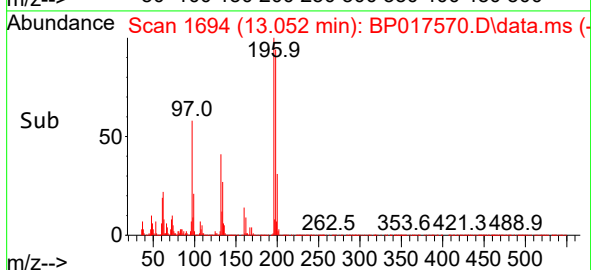
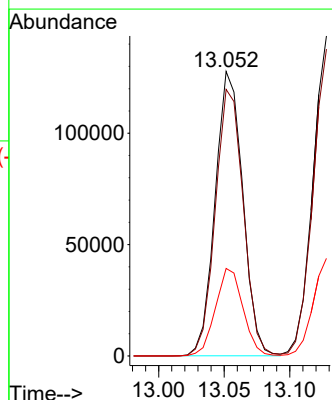
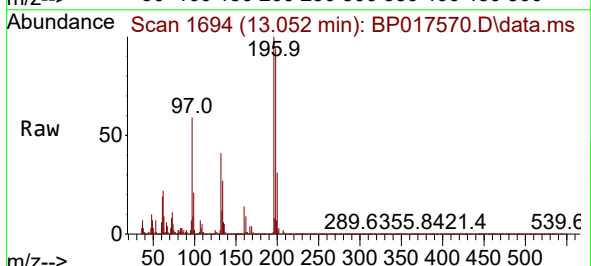
Tgt Ion:196 Resp: 186912

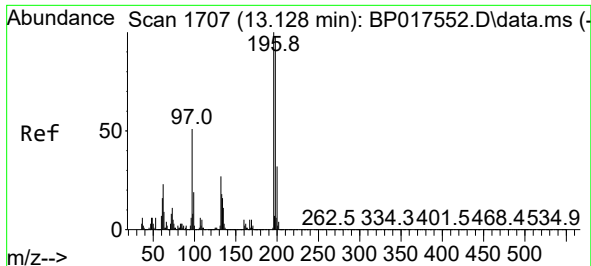
Ion Ratio Lower Upper

196 100

198 93.7 76.3 114.5

200 30.7 25.0 37.4

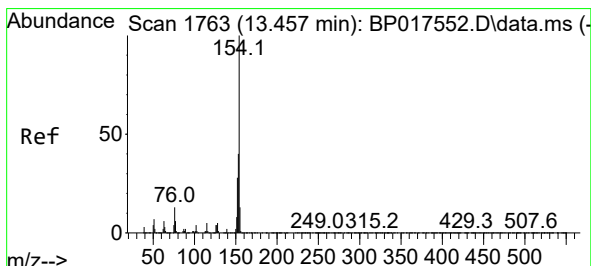
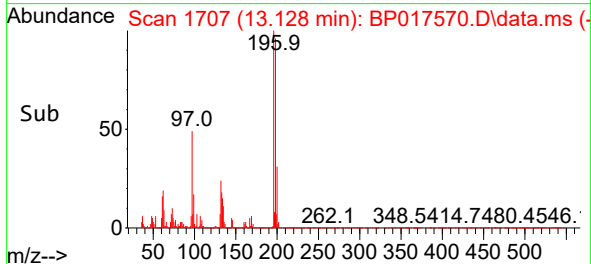
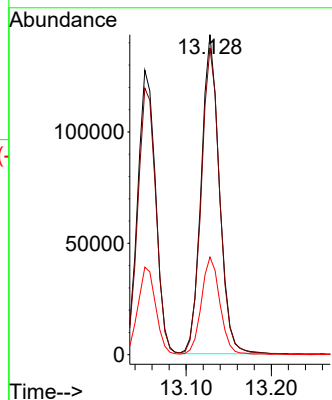
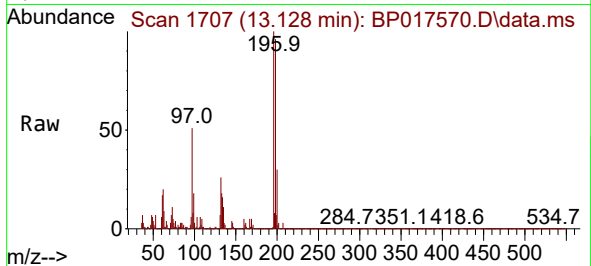




#42
2,4,5-Trichlorophenol
Concen: 50.704 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

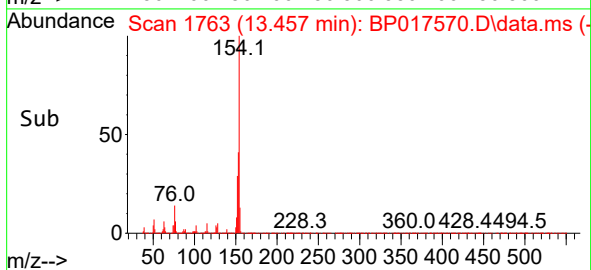
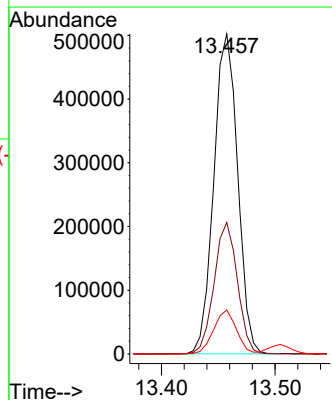
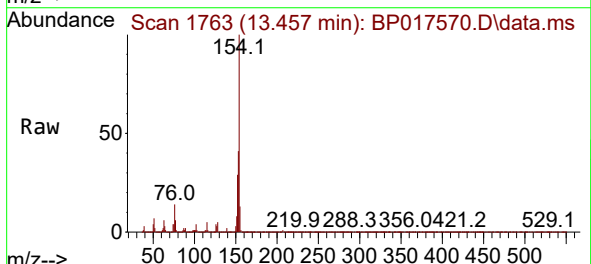
Instrument :
BNA_G
ClientSampleId :

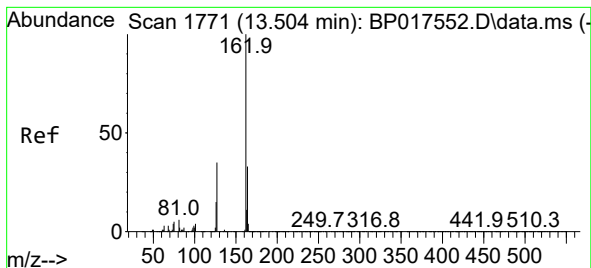
Tgt Ion:196 Resp: 211759
Ion Ratio Lower Upper
196 100
198 95.9 75.4 113.2
200 30.5 24.9 37.3



#43
1,1'-Biphenyl
Concen: 50.282 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:154 Resp: 731183
Ion Ratio Lower Upper
154 100
153 41.1 32.2 48.4
76 13.7 11.0 16.4





#44

2-Chloronaphthalene

Concen: 50.614 ng/ul

RT: 13.504 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

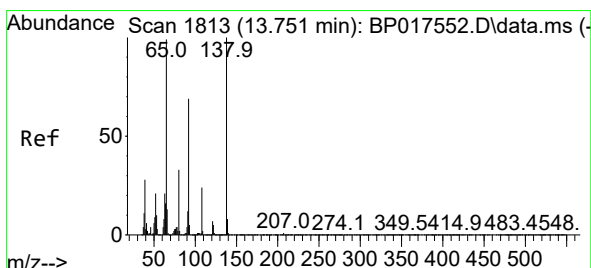
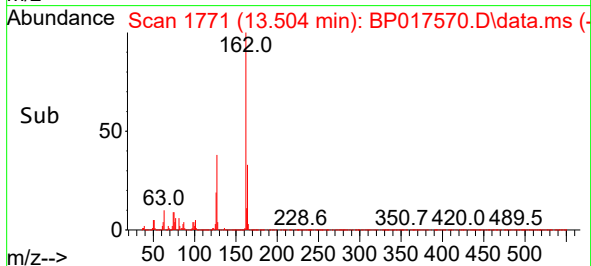
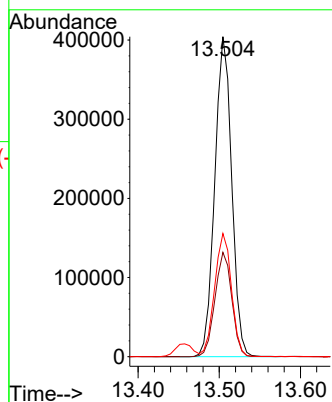
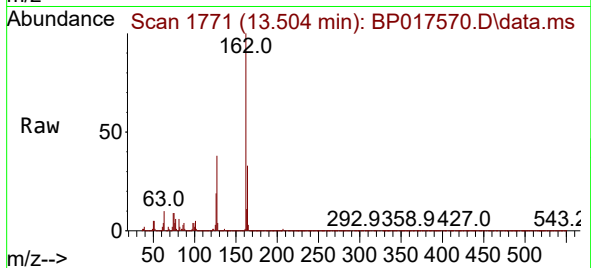
Tgt Ion:162 Resp: 585180

Ion Ratio Lower Upper

162 100

164 32.6 26.0 39.0

127 38.5 31.2 46.8



#45

2-Nitroaniline

Concen: 56.143 ng/ul

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

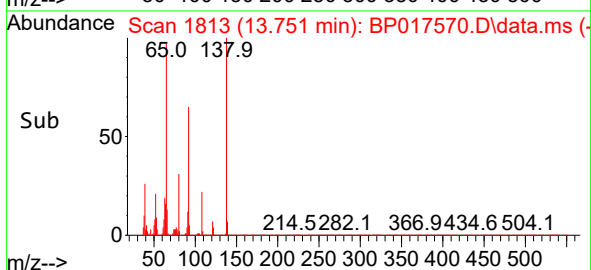
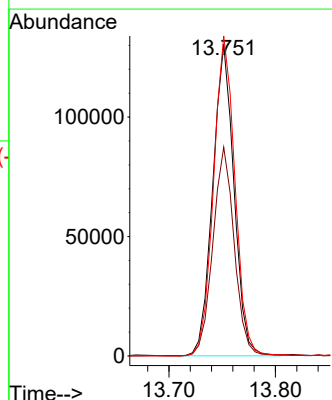
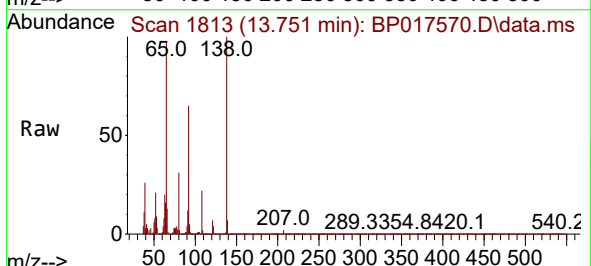
Tgt Ion: 65 Resp: 180369

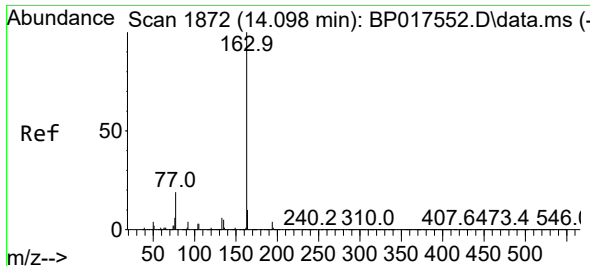
Ion Ratio Lower Upper

65 100

92 67.0 54.7 82.1

138 102.6 81.4 122.2

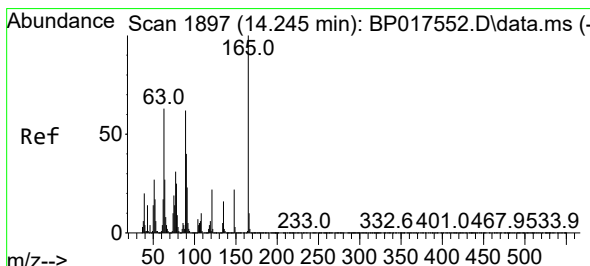
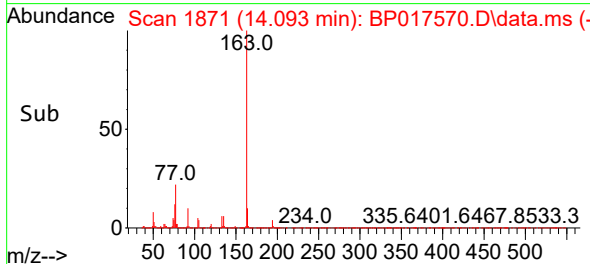
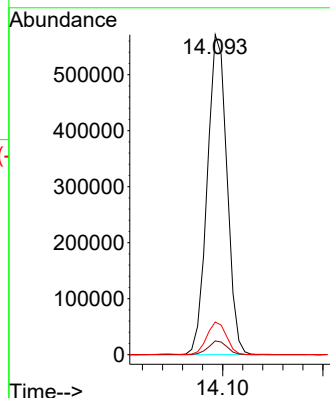
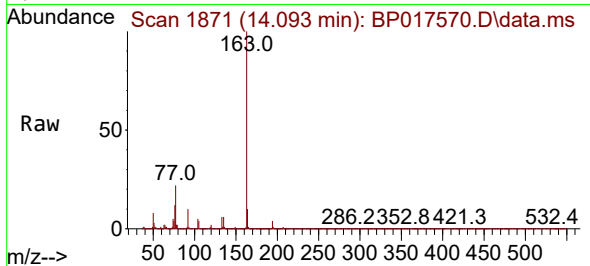




#47
Dimethylphthalate
Concen: 52.124 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

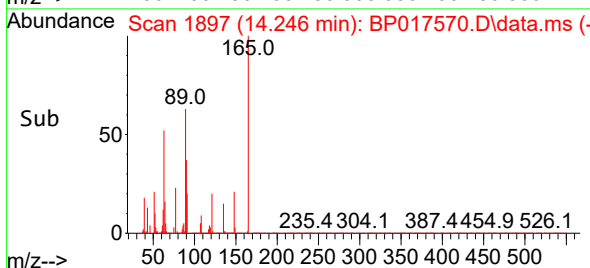
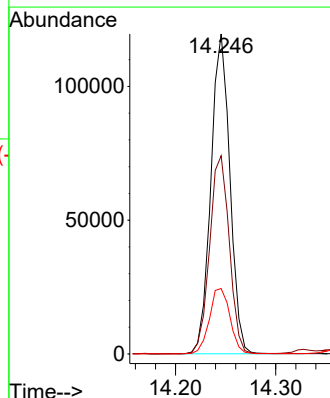
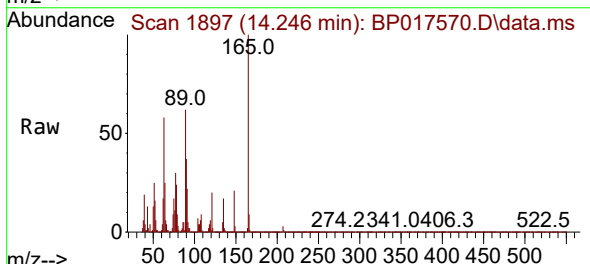
Instrument :
BNA_G
ClientSampleId :

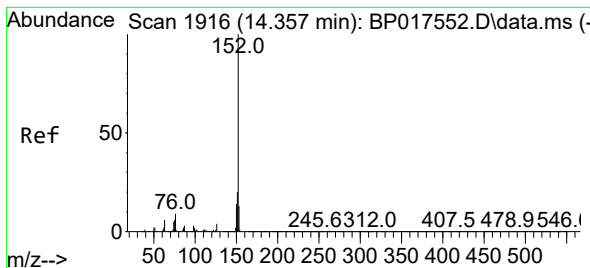
Tgt Ion:163 Resp: 776286
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 56.677 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:165 Resp: 157290
Ion Ratio Lower Upper
165 100
89 62.0 52.6 78.8
121 20.5 16.7 25.1





#50

Acenaphthylene

Concen: 48.817 ng/ul

RT: 14.357 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

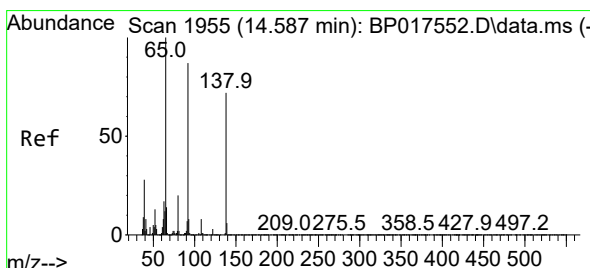
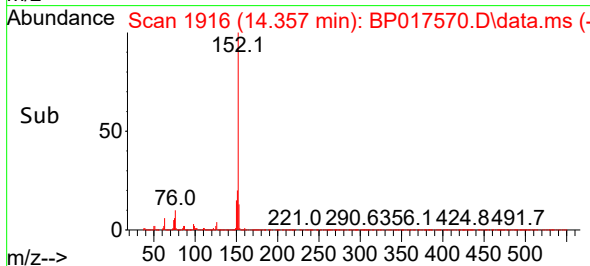
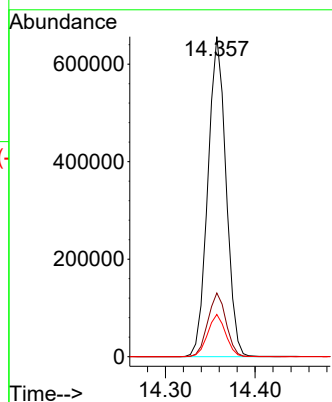
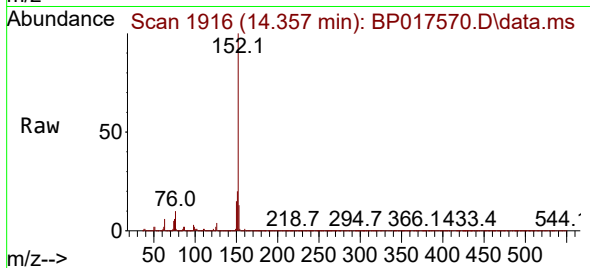
Tgt Ion:152 Resp: 922419

Ion Ratio Lower Upper

152 100

151 19.9 15.6 23.4

153 13.2 10.5 15.7



#51

3-Nitroaniline

Concen: 61.069 ng/ul

RT: 14.587 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

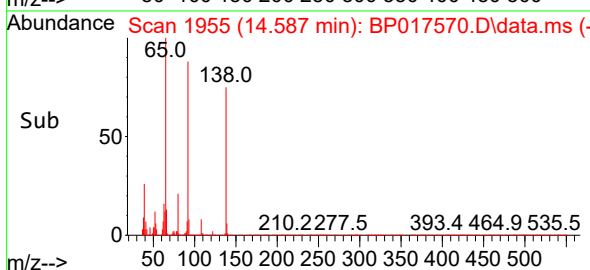
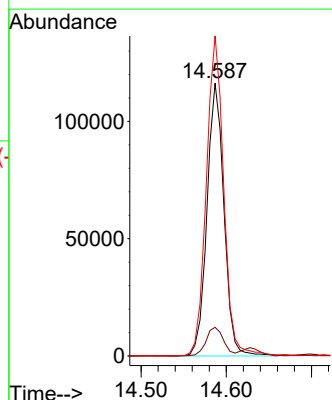
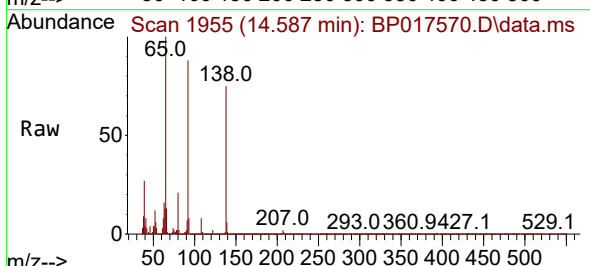
Tgt Ion:138 Resp: 161565

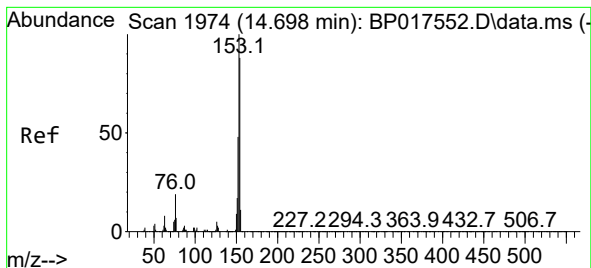
Ion Ratio Lower Upper

138 100

108 10.5 9.3 13.9

92 117.3 96.4 144.6





#52

Acenaphthene

Concen: 51.101 ng/ul

RT: 14.693 min Scan# 1974

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

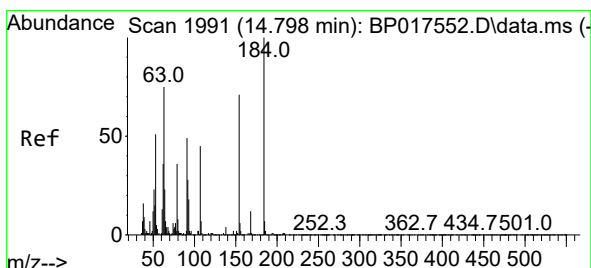
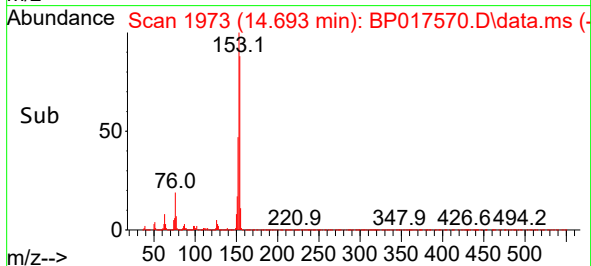
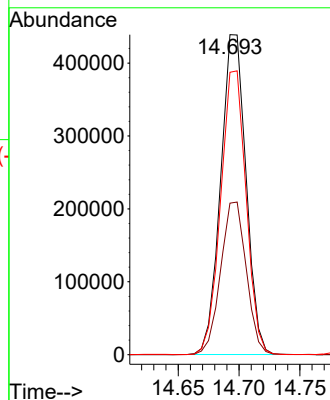
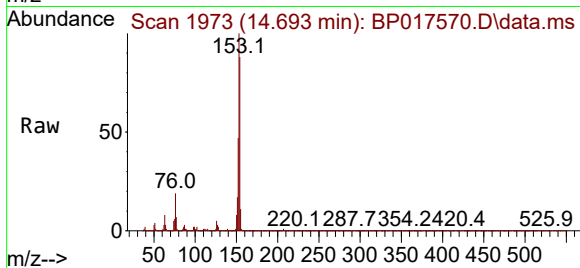
Tgt Ion:153 Resp: 637342

Ion Ratio Lower Upper

153 100

152 47.4 38.3 57.5

154 88.3 71.4 107.0



#53

2,4-Dinitrophenol

Concen: 44.410 ng/ul

RT: 14.793 min Scan# 1990

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

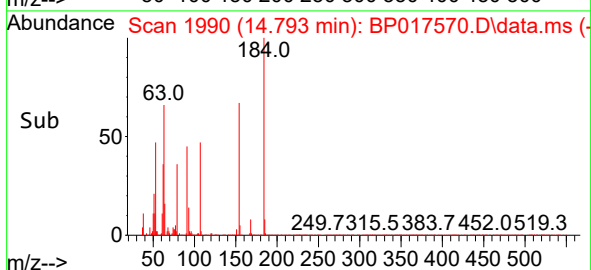
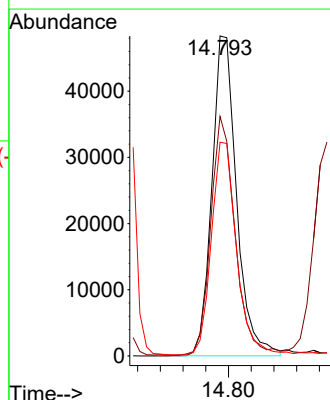
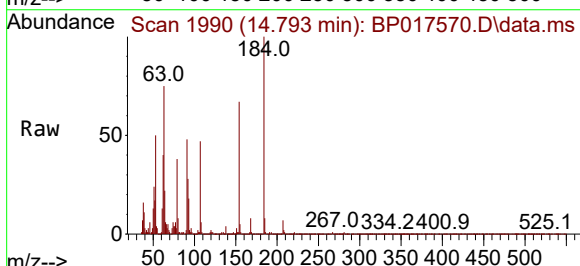
Tgt Ion:184 Resp: 72956

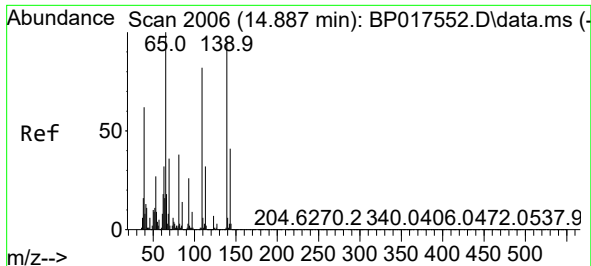
Ion Ratio Lower Upper

184 100

63 74.9 51.1 76.7

154 66.8 47.5 71.3

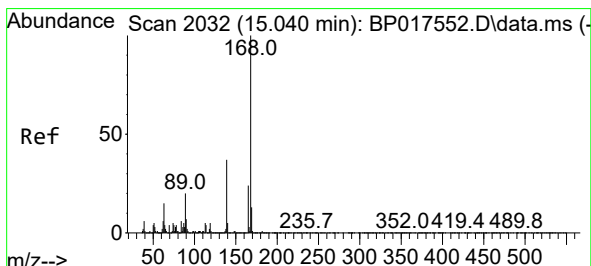
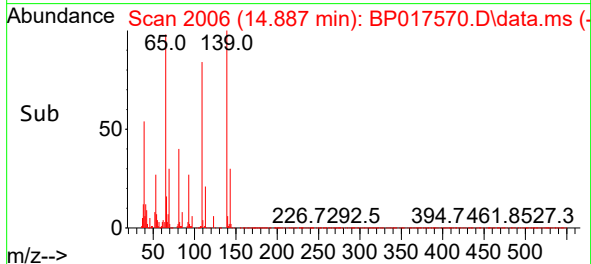
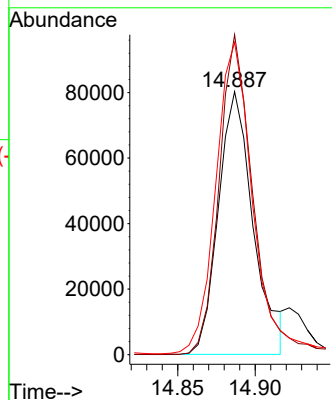
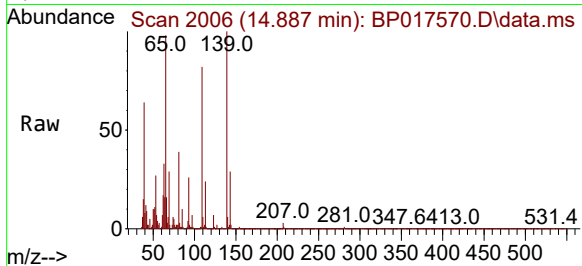




#55
4-Nitrophenol
Concen: 53.752 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

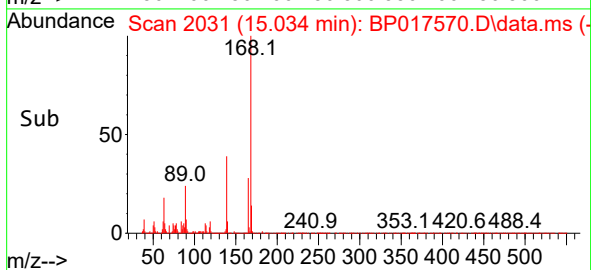
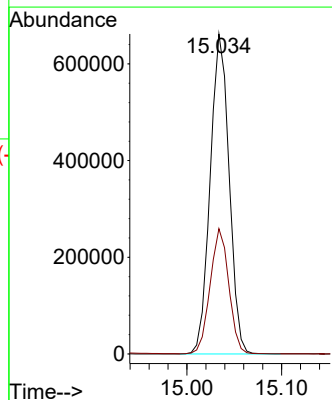
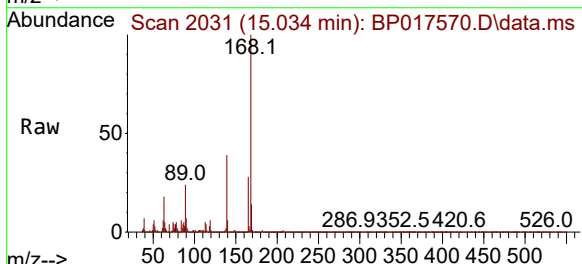
Instrument :
BNA_G
ClientSampleId :

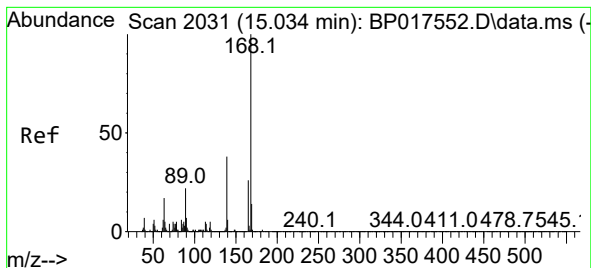
Tgt Ion:109 Resp: 125247
Ion Ratio Lower Upper
109 100
139 121.7 95.5 143.3
65 118.7 97.9 146.9



#56
Dibenzofuran
Concen: 52.344 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:168 Resp: 918820
Ion Ratio Lower Upper
168 100
139 39.2 30.6 45.8

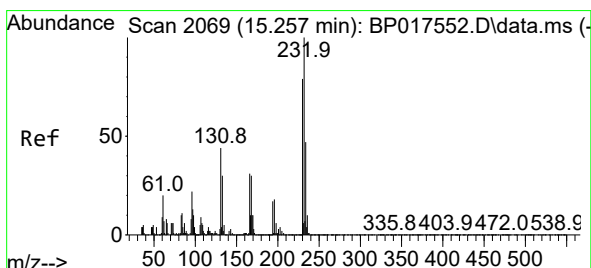
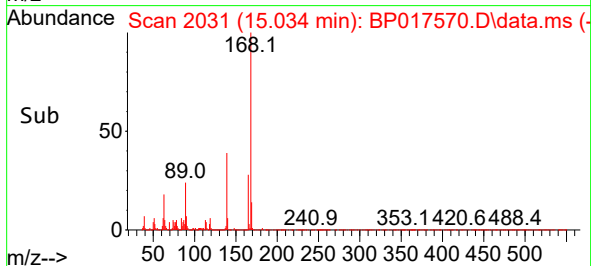
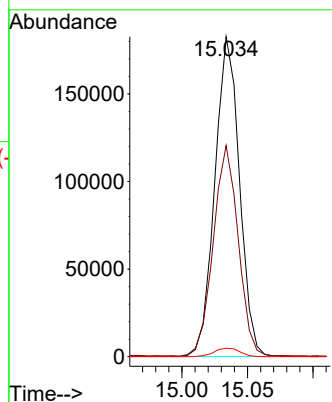
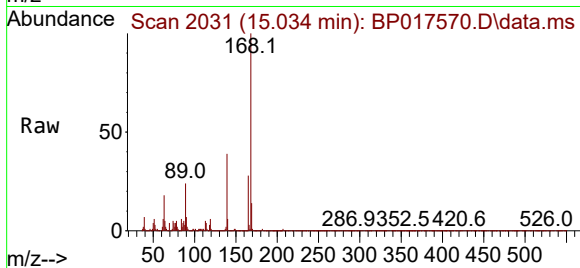




#57
2,4-Dinitrotoluene
Concen: 57.400 ng/ul
RT: 15.034 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

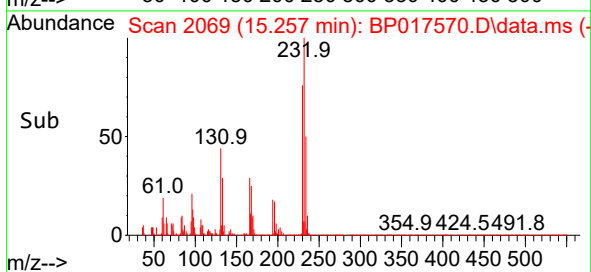
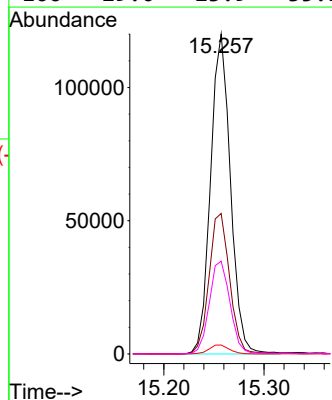
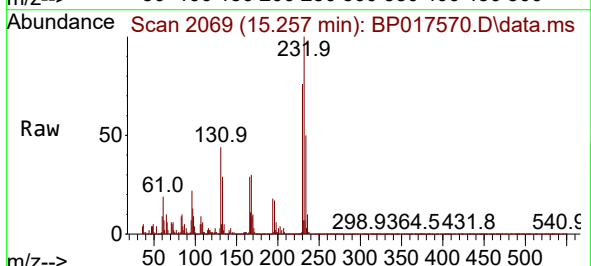
Instrument :
BNA_G
ClientSampleId :

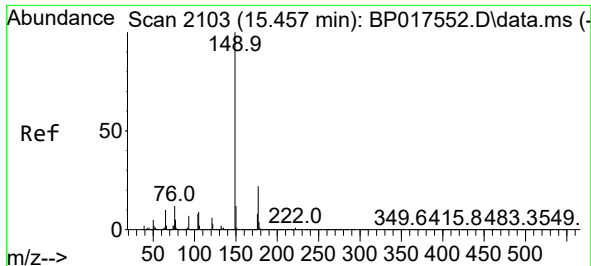
Tgt Ion:165 Resp: 237760
Ion Ratio Lower Upper
165 100
63 66.0 53.4 80.0
182 2.7 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.925 ng/ul
RT: 15.257 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:232 Resp: 166060
Ion Ratio Lower Upper
232 100
131 43.9 35.0 52.6
130 2.8 1.9 2.9
166 29.0 23.9 35.9

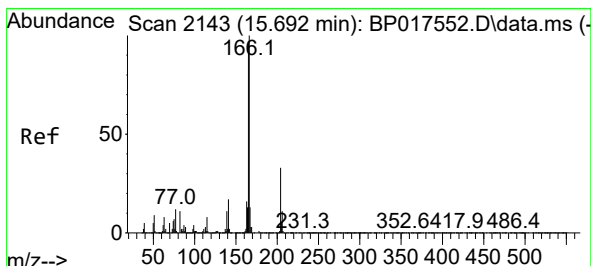
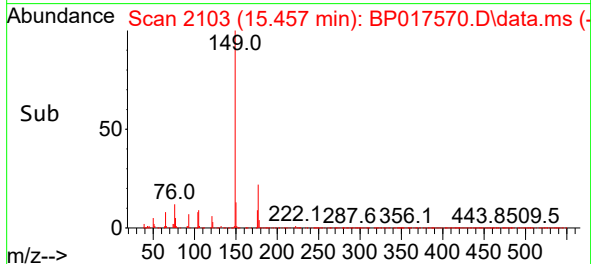
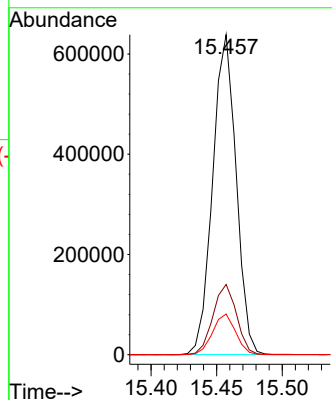
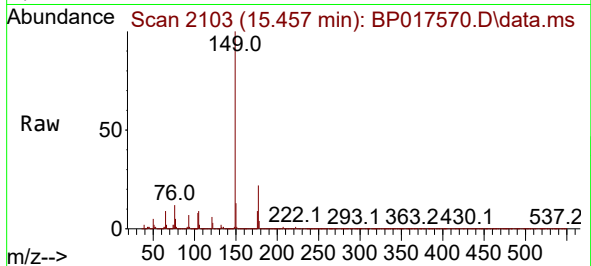




#59
Diethylphthalate
Concen: 53.111 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

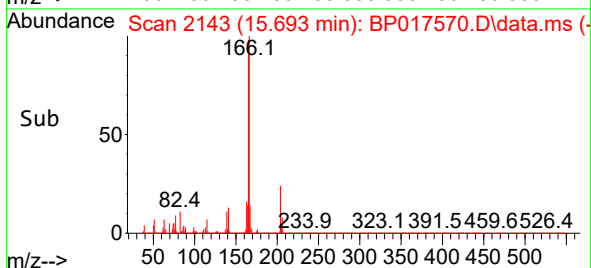
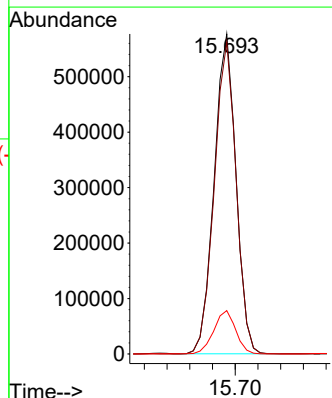
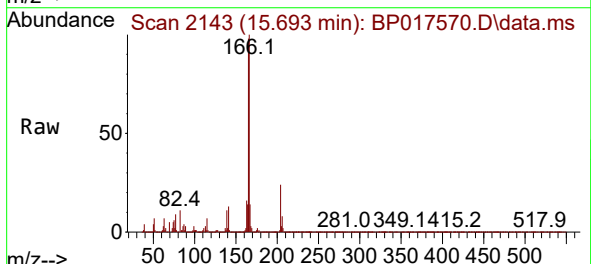
Instrument :
BNA_G
ClientSampleId :

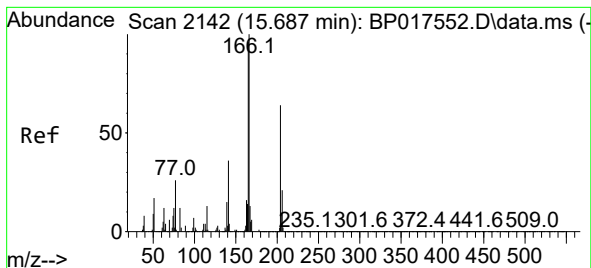
Tgt Ion:149 Resp: 793389
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.7 10.2 15.4



#61
Fluorene
Concen: 53.144 ng/ul
RT: 15.693 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:166 Resp: 770439
Ion Ratio Lower Upper
166 100
165 97.5 78.9 118.3
167 13.6 11.0 16.4

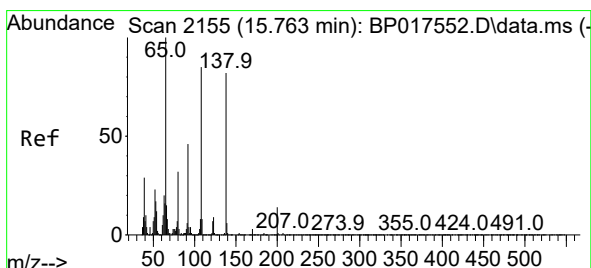
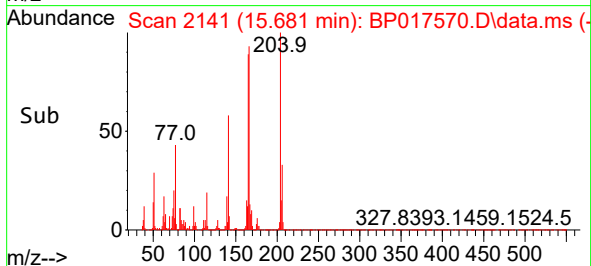
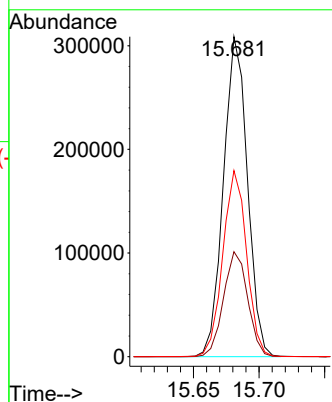
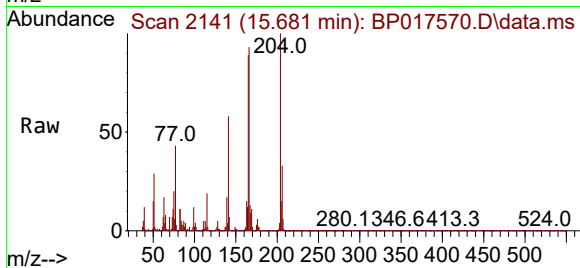




#62
4-Chlorophenyl-phenylether
Concen: 52.817 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

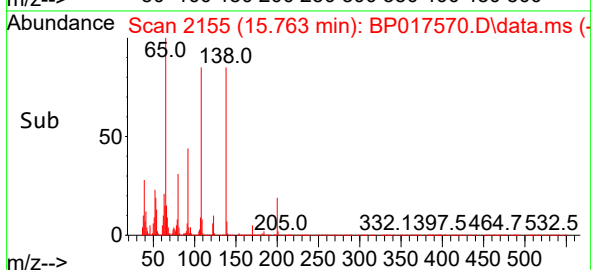
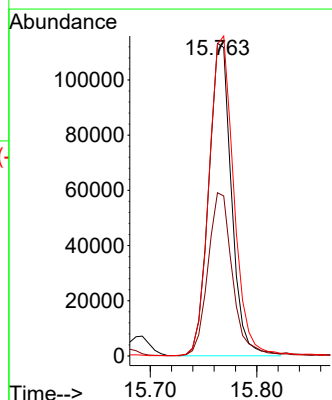
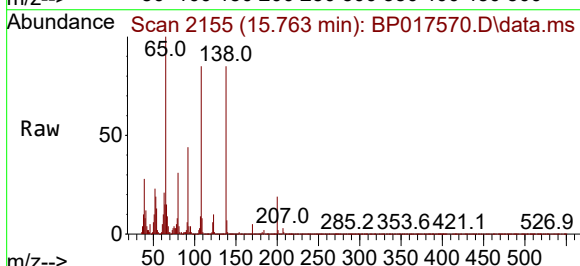
Instrument :
BNA_G
ClientSampleId :

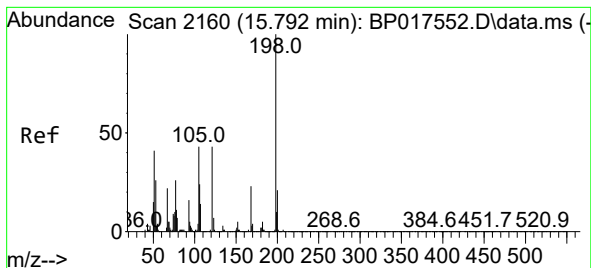
Tgt Ion:204 Resp: 392256
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 58.1 46.9 70.3



#63
4-Nitroaniline
Concen: 67.607 ng/ul
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:138 Resp: 168114
Ion Ratio Lower Upper
138 100
92 52.2 44.8 67.2
108 99.6 79.7 119.5

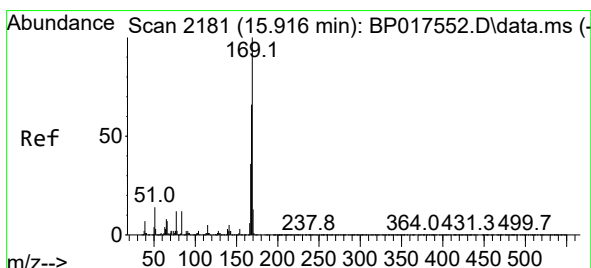
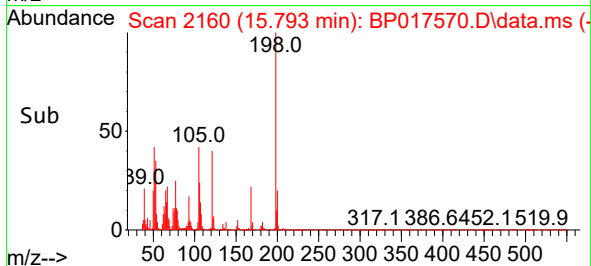
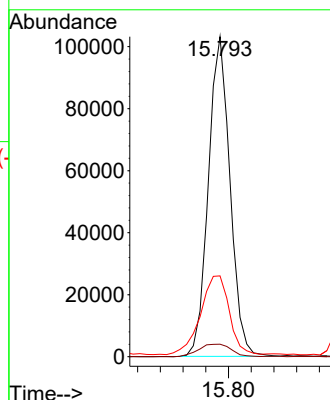
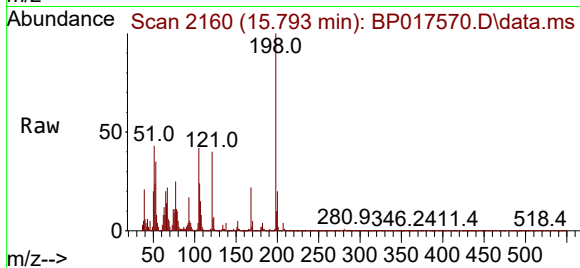




#66
4,6-Dinitro-2-methylphenol
Concen: 46.561 ng/ul
RT: 15.793 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

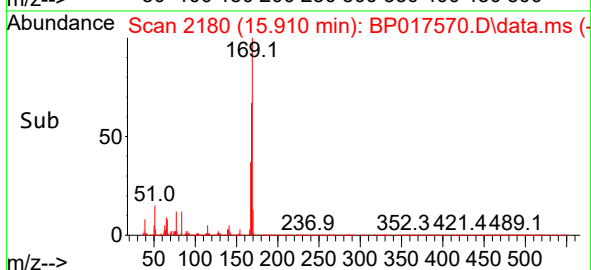
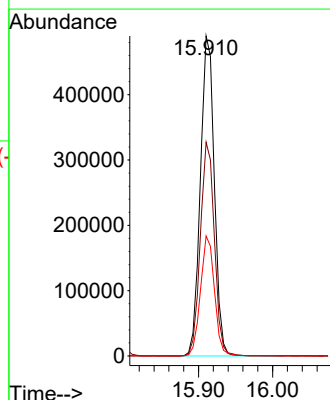
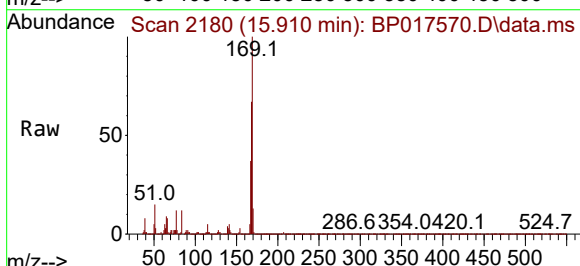
Instrument :
BNA_G
ClientSampleId :

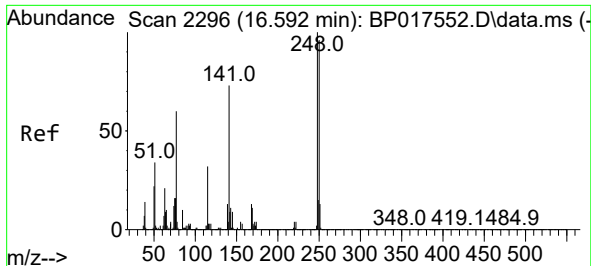
Tgt Ion:198 Resp: 136495
Ion Ratio Lower Upper
198 100
182 3.9 4.2 6.2#
77 25.2 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 51.939 ng/ul
RT: 15.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:169 Resp: 639235
Ion Ratio Lower Upper
169 100
168 66.8 54.3 81.5
167 37.5 29.7 44.5

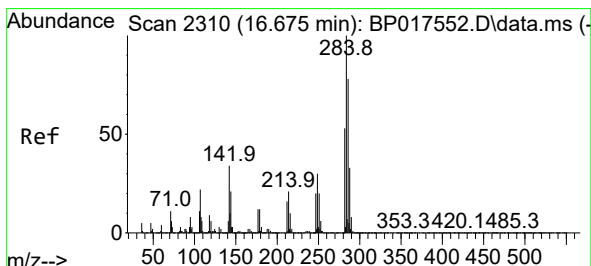
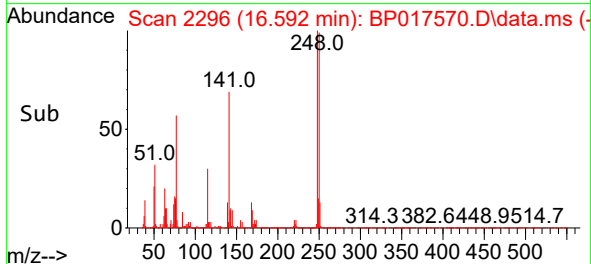
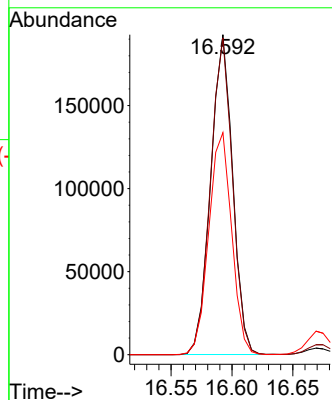
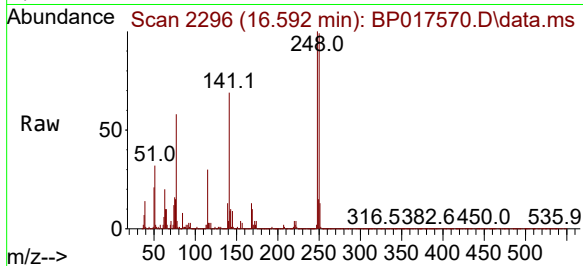




#68
4-Bromophenyl-phenylether
Concen: 51.950 ng/ul
RT: 16.592 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

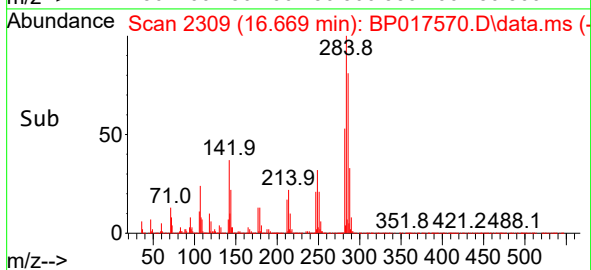
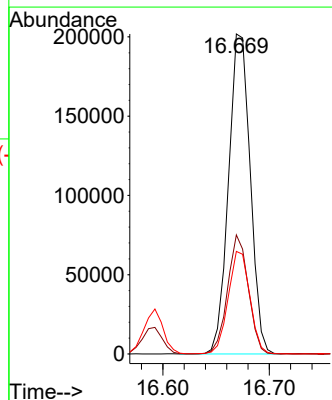
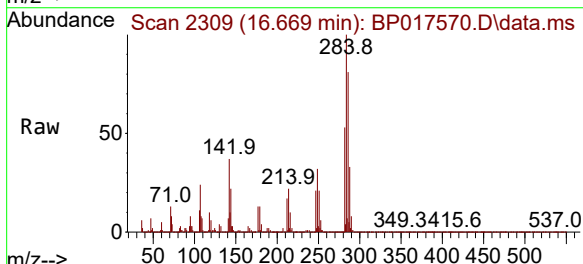
Instrument :
BNA_G
ClientSampleId :

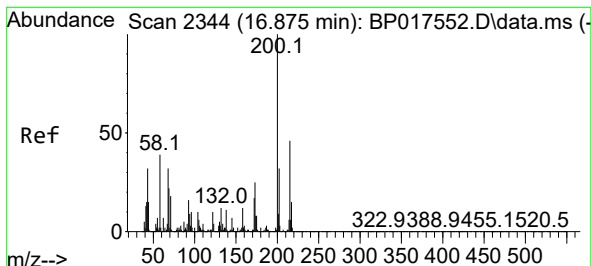
Tgt Ion:248 Resp: 242074
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 69.4 57.1 85.7



#69
Hexachlorobenzene
Concen: 52.032 ng/ul
RT: 16.669 min Scan# 2309
Delta R.T. -0.012 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:284 Resp: 285530
Ion Ratio Lower Upper
284 100
142 37.2 27.0 40.6
249 32.1 24.6 36.8





#70

Atrazine

Concen: 6.689 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

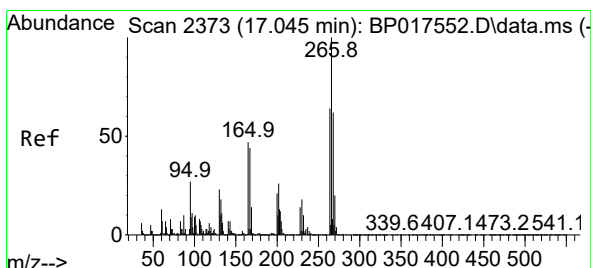
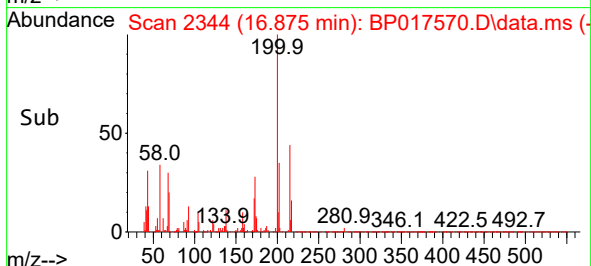
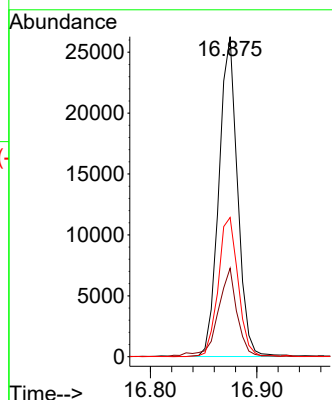
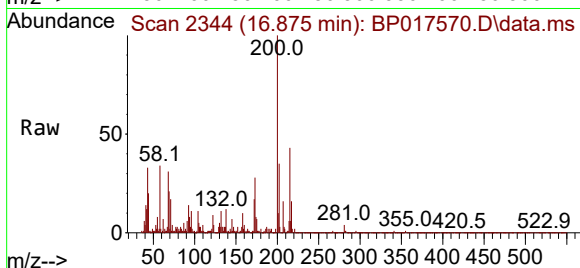
Tgt Ion:200 Resp: 31849

Ion Ratio Lower Upper

200 100

173 27.6 20.6 30.8

215 43.5 40.1 60.1



#71

Pentachlorophenol

Concen: 37.472 ng/ul

RT: 17.045 min Scan# 2373

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

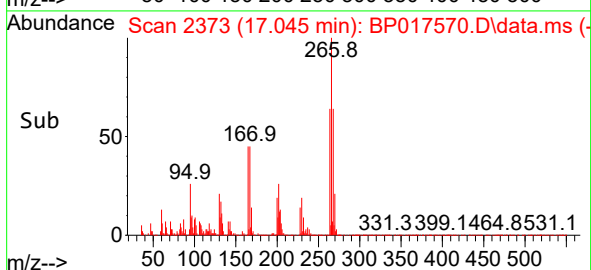
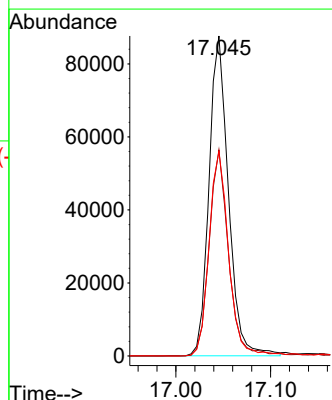
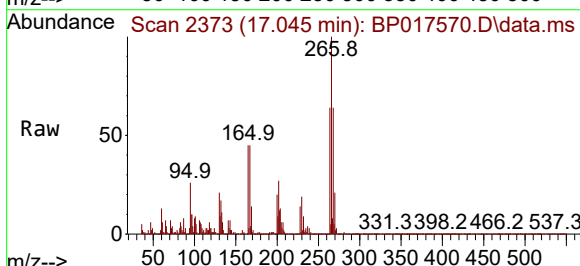
Tgt Ion:266 Resp: 124483

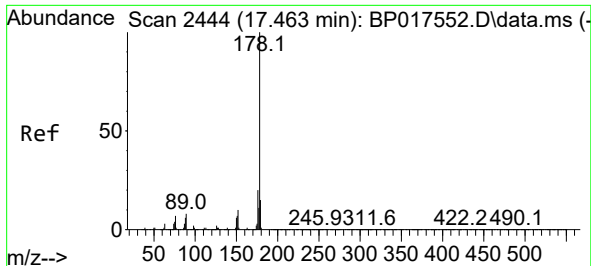
Ion Ratio Lower Upper

266 100

264 64.3 49.6 74.4

268 63.9 53.0 79.6

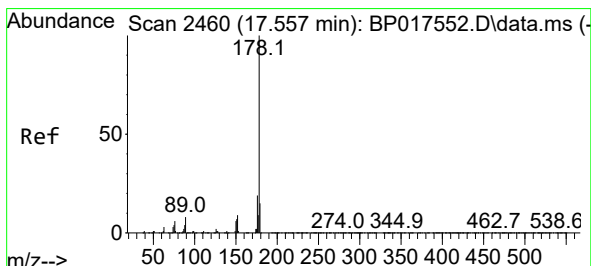
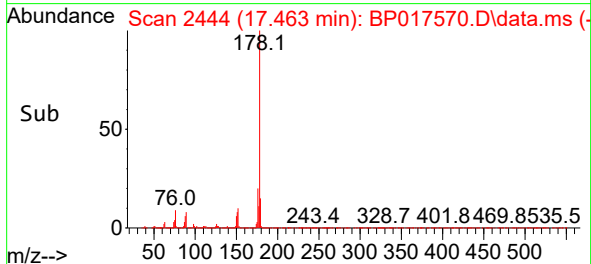
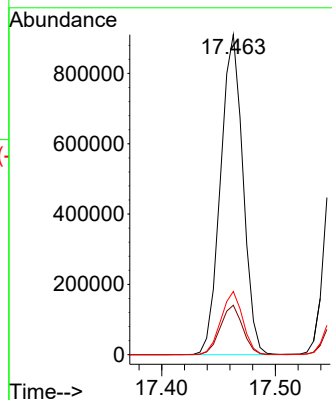
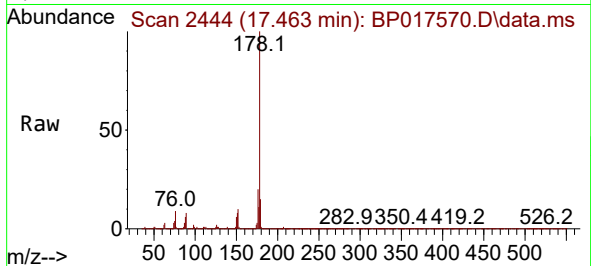




#72
Phenanthrene
Concen: 52.844 ng/ul
RT: 17.463 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

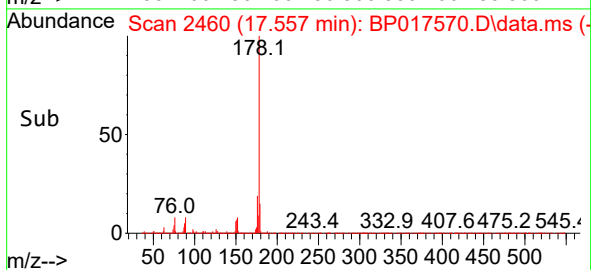
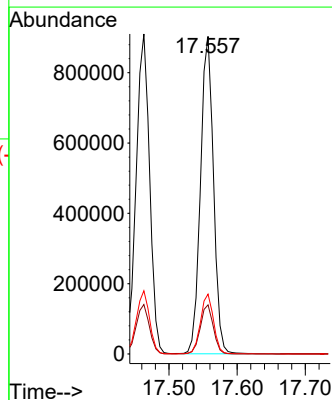
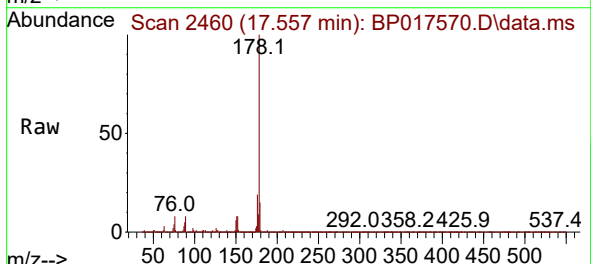
Instrument :
BNA_G
ClientSampleId :

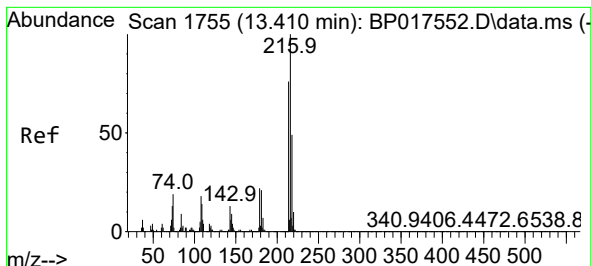
Tgt Ion:178 Resp: 1250092
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.7 15.2 22.8



#74
Anthracene
Concen: 49.716 ng/ul
RT: 17.557 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

Tgt Ion:178 Resp: 1198719
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.9 15.0 22.4

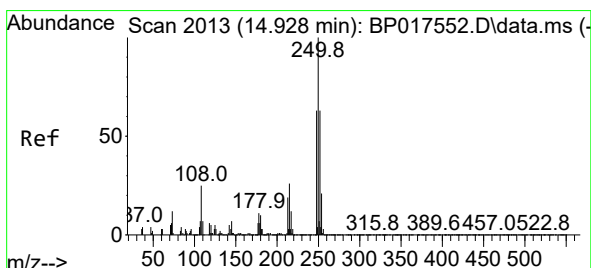
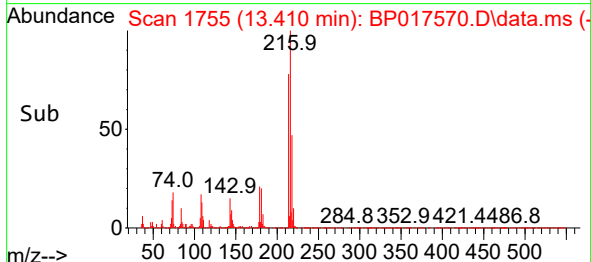
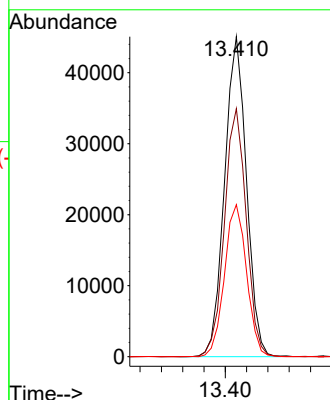
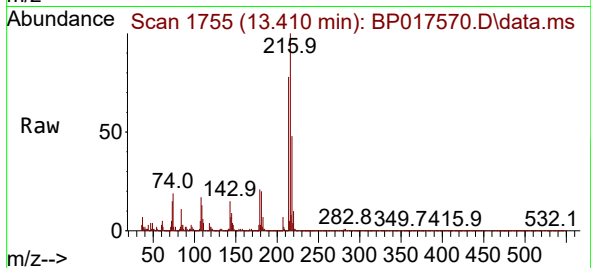




#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.898 ng/uL
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

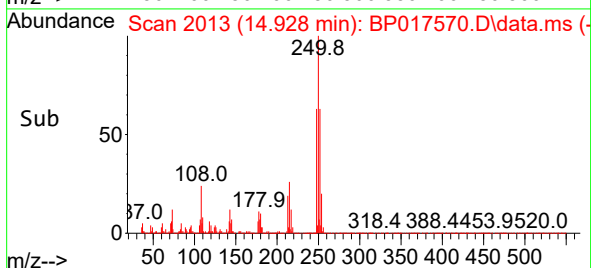
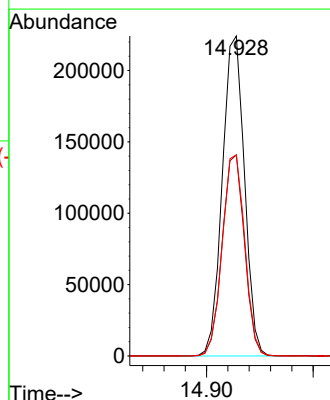
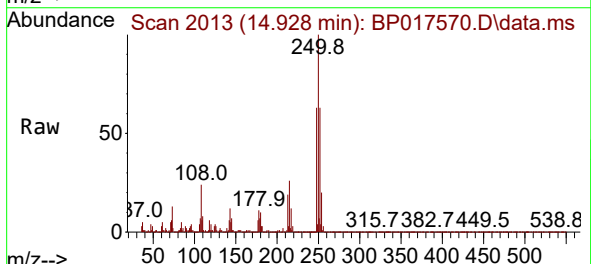
Instrument :
BNA_G
ClientSampleId :

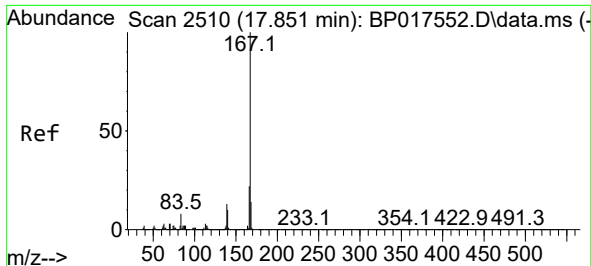
Tgt Ion:216 Resp: 64311
Ion Ratio Lower Upper
216 100
214 77.5 63.4 95.0
218 47.5 38.0 57.0



#76
Pentachlorobenzene
Concen: 50.066 ng/uL
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP017570.D
Acq: 05 Oct 2023 17:39

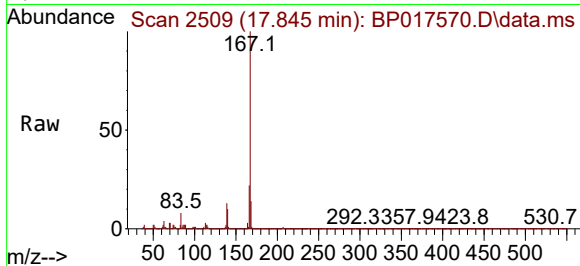
Tgt Ion:250 Resp: 322904
Ion Ratio Lower Upper
250 100
248 62.8 49.1 73.7
252 62.8 51.4 77.2



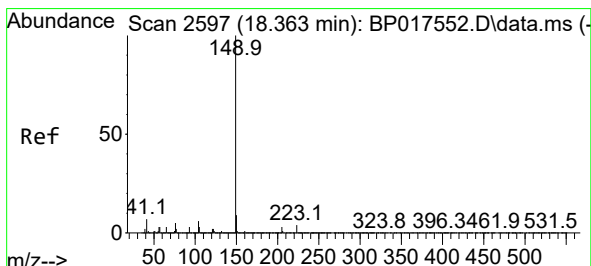
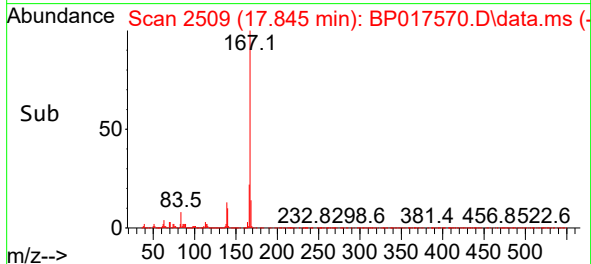
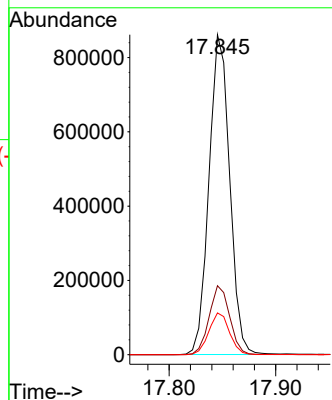


#77
 Carbazole
 Concen: 53.710 ng/ul
 RT: 17.845 min Scan# 2509
 Delta R.T. -0.012 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

Instrument :
 BNA_G
 ClientSampleId :

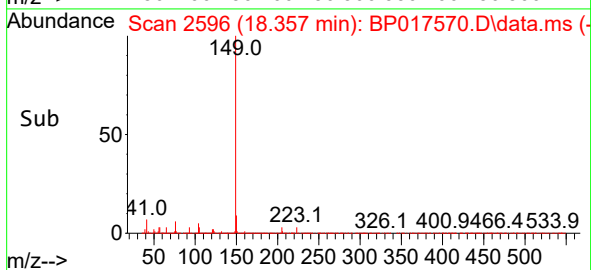
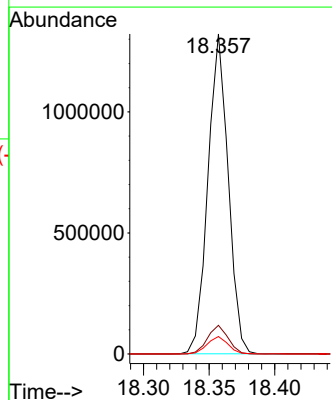
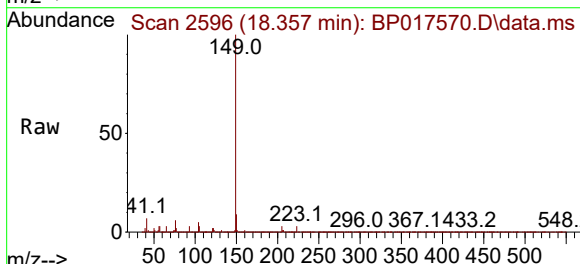


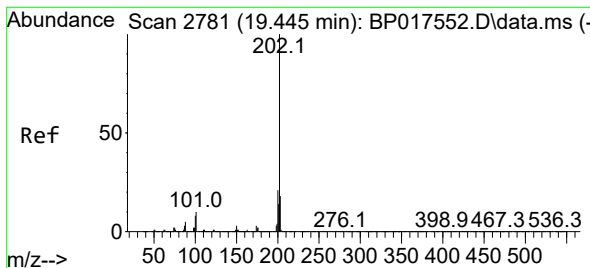
Tgt Ion:167 Resp: 1162876
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.1 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 54.350 ng/ul
 RT: 18.357 min Scan# 2596
 Delta R.T. -0.006 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

Tgt Ion:149 Resp: 1418283
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.5 4.3 6.5





#80

Fluoranthene

Concen: 52.706 ng/ul

RT: 19.439 min Scan# 2781

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

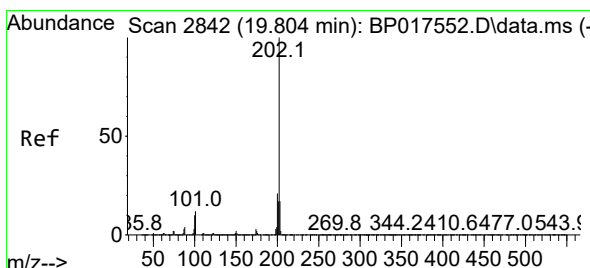
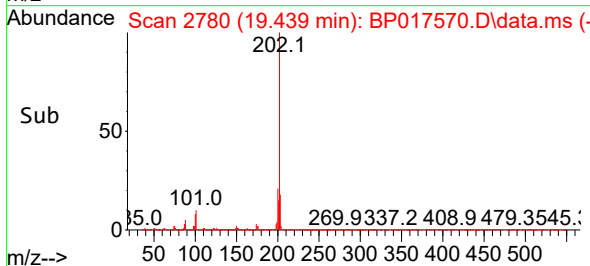
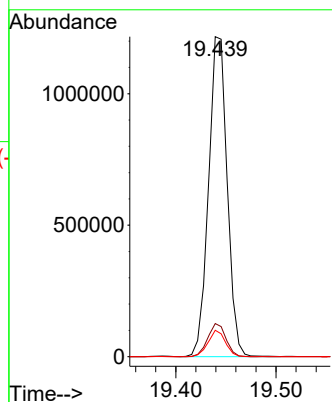
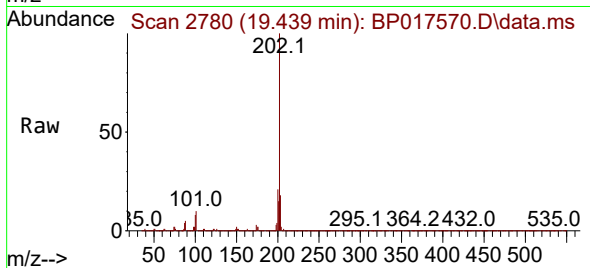
Tgt Ion:202 Resp: 1572518

Ion Ratio Lower Upper

202 100

101 10.4 8.1 12.1

100 8.2 5.9 8.9



#82

Pyrene

Concen: 52.285 ng/ul

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

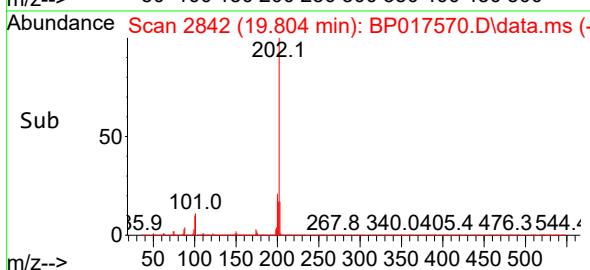
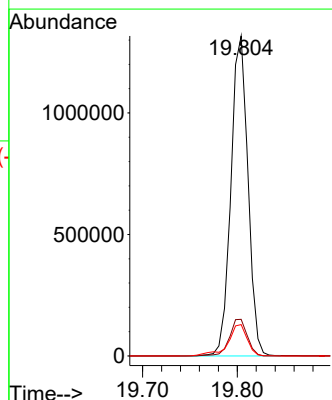
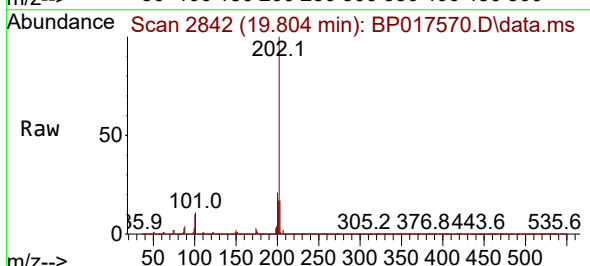
Tgt Ion:202 Resp: 1645942

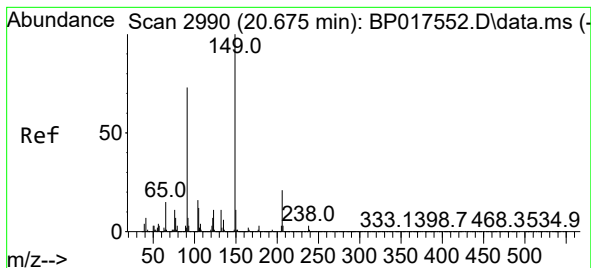
Ion Ratio Lower Upper

202 100

101 11.4 9.7 14.5

100 9.8 8.1 12.1





#83

Butylbenzylphthalate

Concen: 54.712 ng/ul

RT: 20.669 min Scan# 2990

Delta R.T. -0.012 min

Lab File: BP017570.D

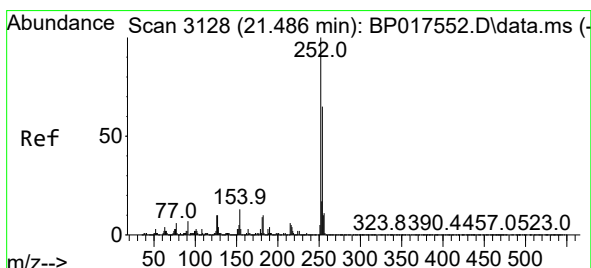
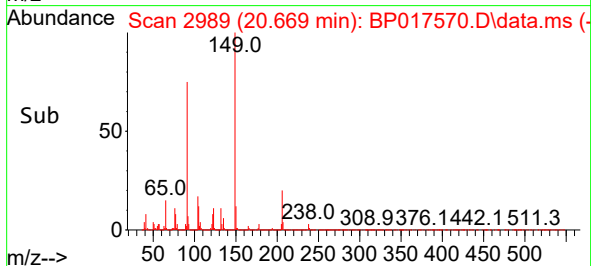
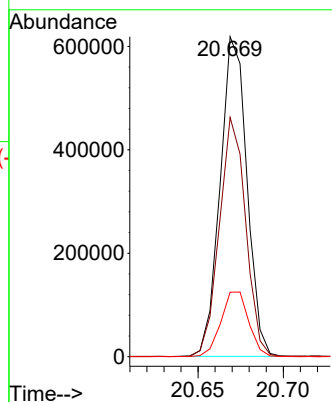
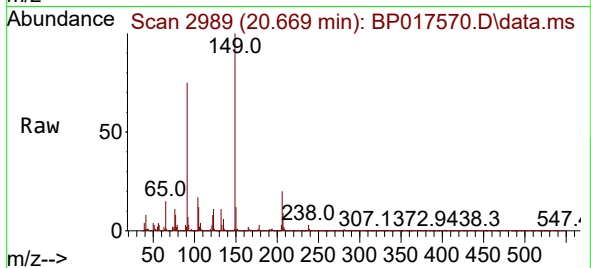
Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149	Resp:	676406
Ion Ratio	Lower	Upper
149	100	
91	74.8	55.8 83.8
206	20.2	17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 52.397 ng/ul

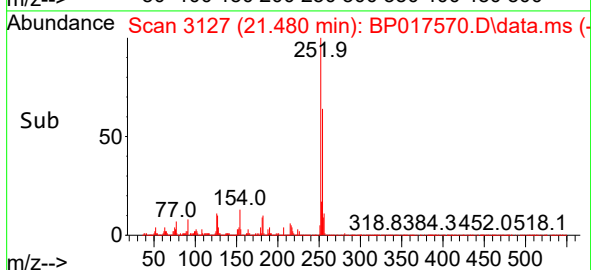
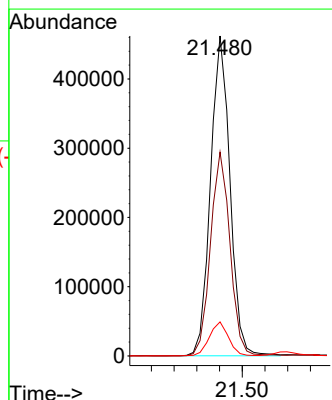
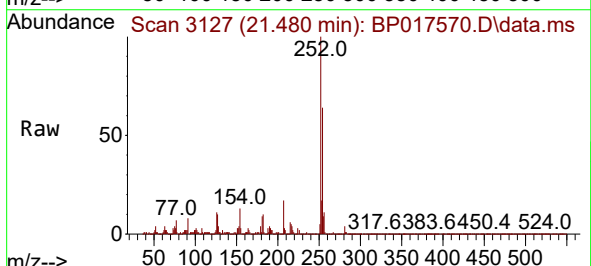
RT: 21.480 min Scan# 3127

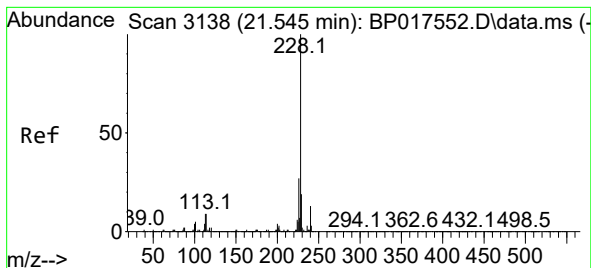
Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Tgt Ion:252	Resp:	548741
Ion Ratio	Lower	Upper
252	100	
254	63.7	52.0 78.0
126	10.6	8.6 12.8





#85

Benzo(a)anthracene

Concen: 52.520 ng/ul

RT: 21.539 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

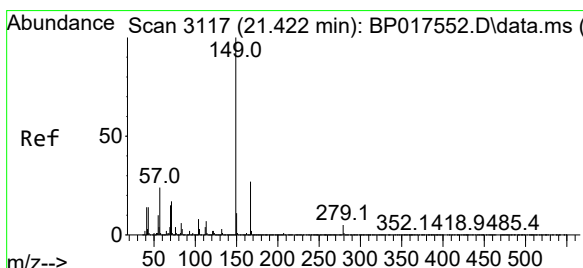
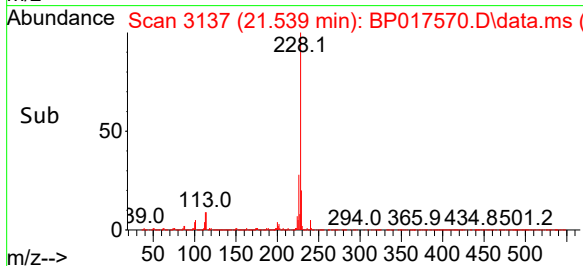
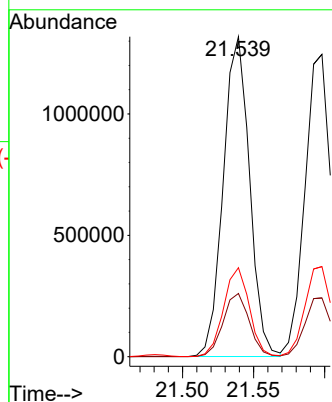
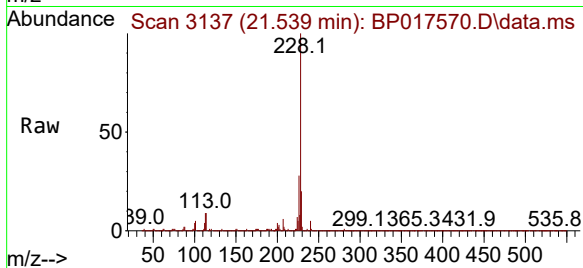
Tgt Ion:228 Resp: 1695921

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.8 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 55.163 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

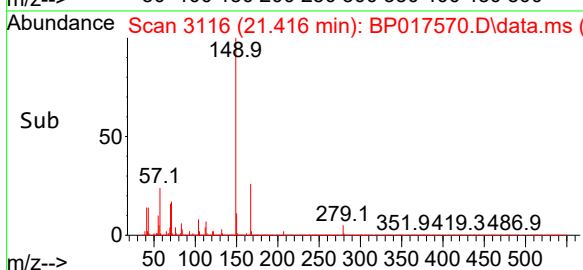
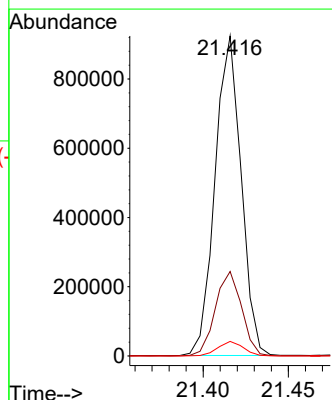
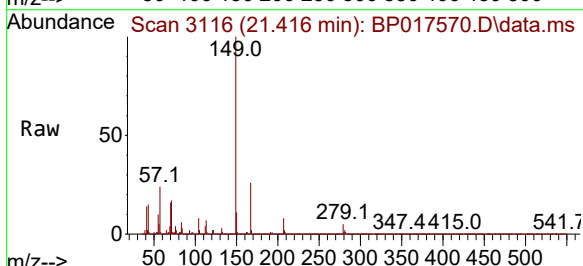
Tgt Ion:149 Resp: 982999

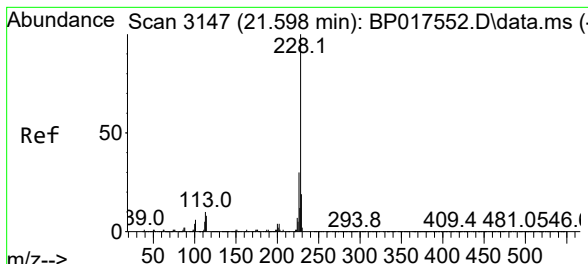
Ion Ratio Lower Upper

149 100

167 26.4 21.6 32.4

279 4.5 3.4 5.0



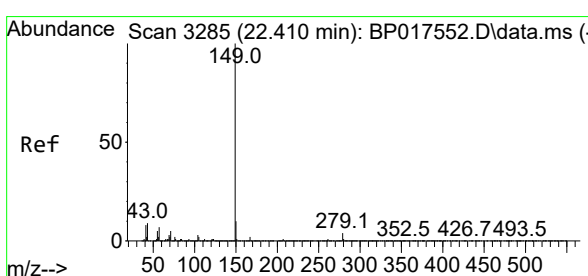
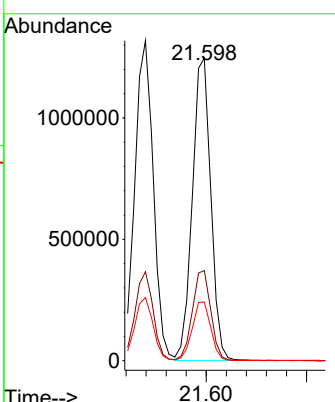
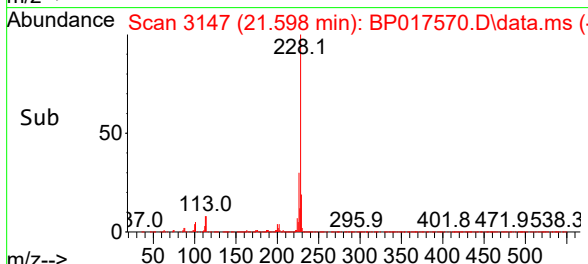
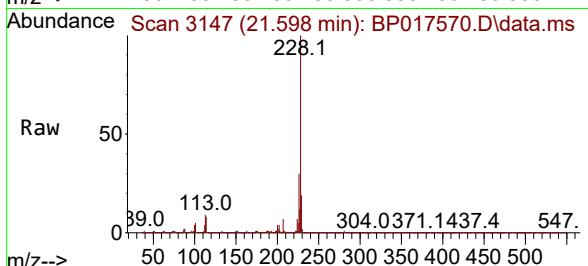


#87
 Chrysene
 Concen: 52.846 ng/ul
 RT: 21.598 min Scan# 3147
 Delta R.T. -0.006 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

Instrument :
 BNA_G
 ClientSampleId :

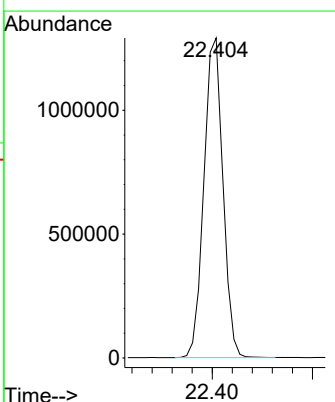
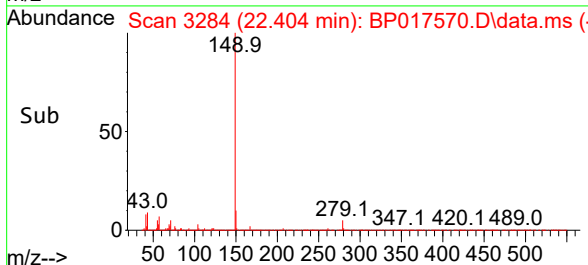
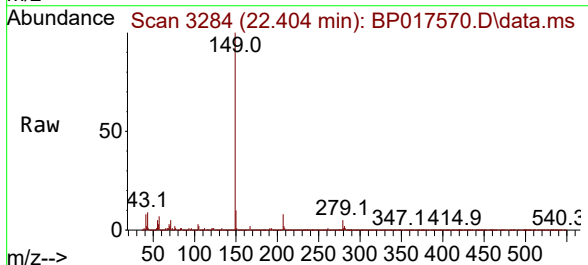
Tgt Ion:228 Resp: 1595071

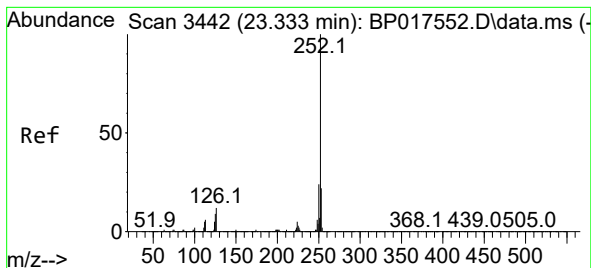
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	19.4	15.7	23.5



#89
 Di-n-octyl phthalate
 Concen: 56.151 ng/ul
 RT: 22.404 min Scan# 3284
 Delta R.T. -0.012 min
 Lab File: BP017570.D
 Acq: 05 Oct 2023 17:39

Tgt Ion:149 Resp: 1700695





#90

Benzo(b)fluoranthene

Concen: 56.730 ng/ul

RT: 23.333 min Scan# 3442

Delta R.T. -0.006 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

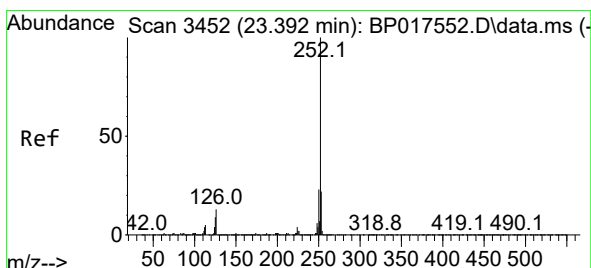
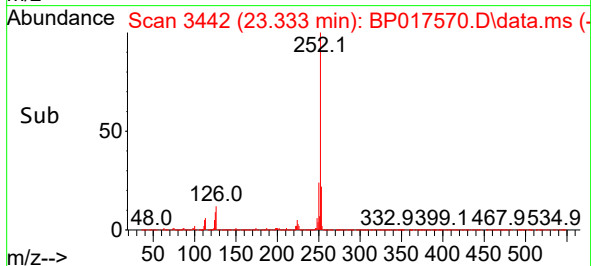
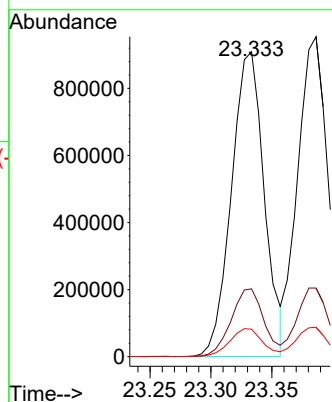
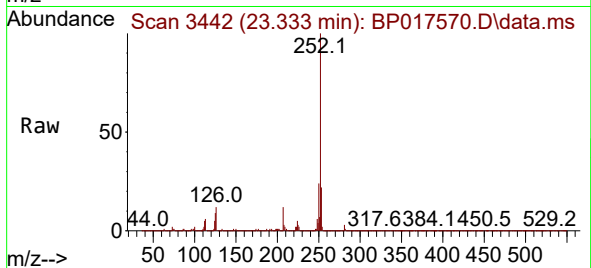
Tgt Ion:252 Resp: 1705041

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 9.0 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 55.602 ng/ul

RT: 23.386 min Scan# 3451

Delta R.T. -0.012 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

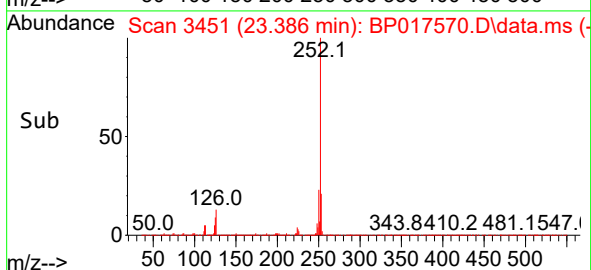
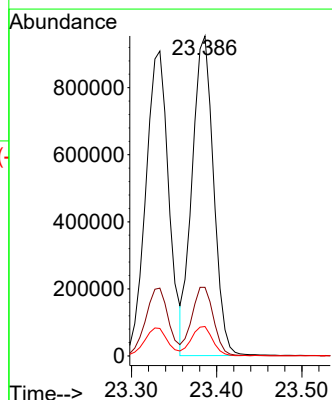
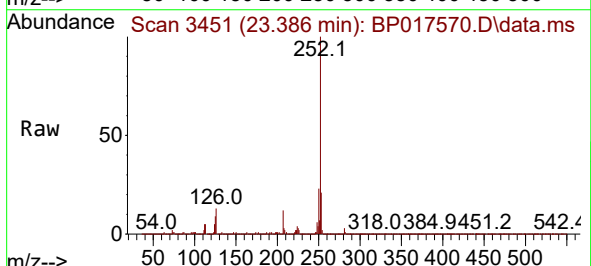
Tgt Ion:252 Resp: 1666171

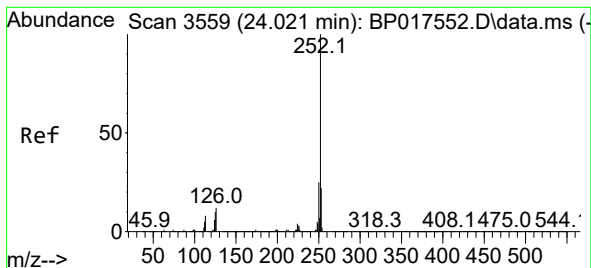
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 53.377 ng/ul

RT: 24.016 min Scan# 3558

Delta R.T. -0.017 min

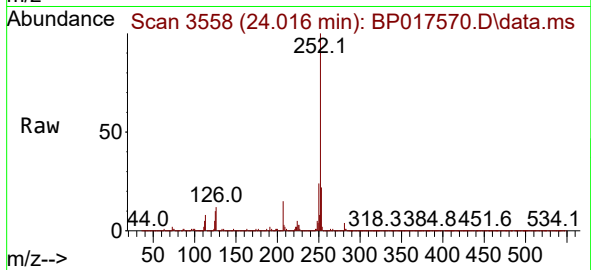
Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :



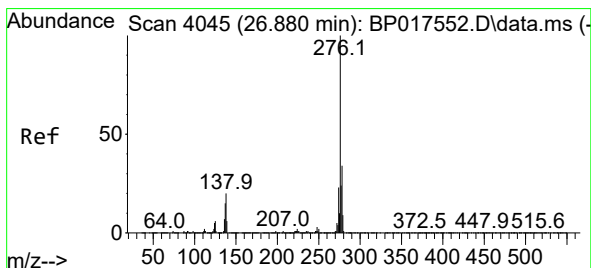
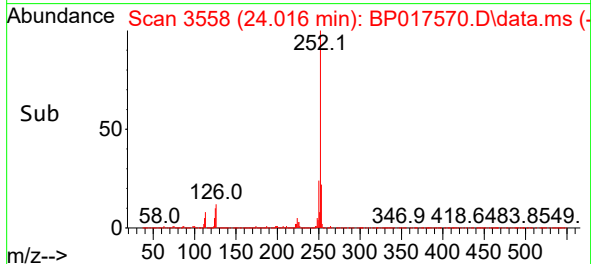
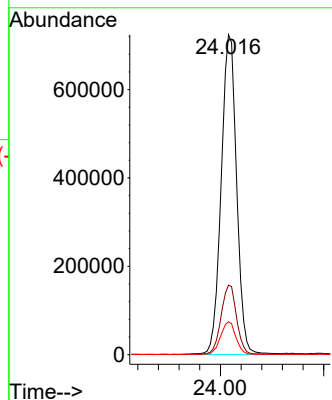
Tgt Ion:252 Resp: 1499742

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.3 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 55.161 ng/ul

RT: 26.874 min Scan# 4044

Delta R.T. -0.023 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

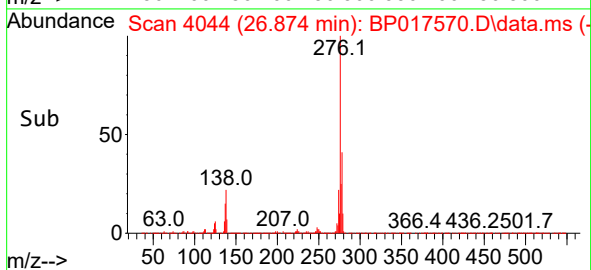
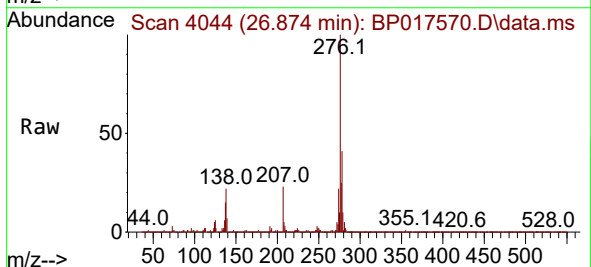
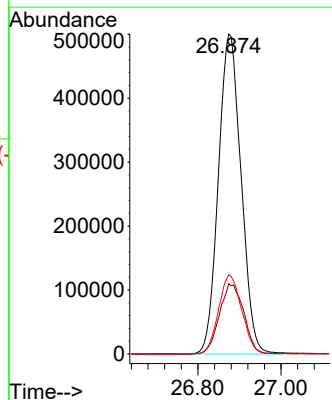
Tgt Ion:276 Resp: 1894705

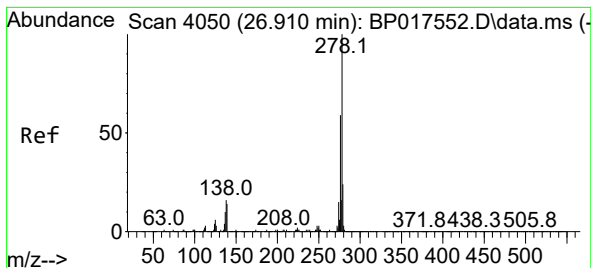
Ion Ratio Lower Upper

276 100

138 21.9 16.6 24.8

277 24.7 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 55.265 ng/ul

RT: 26.904 min Scan# 4050

Delta R.T. -0.017 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Instrument :

BNA_G

ClientSampleId :

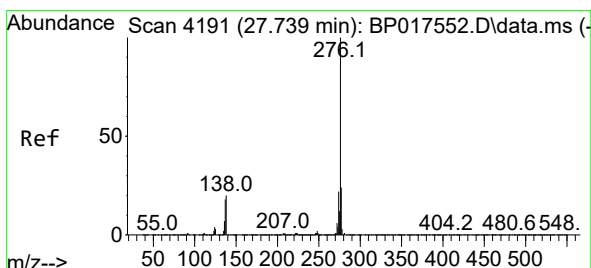
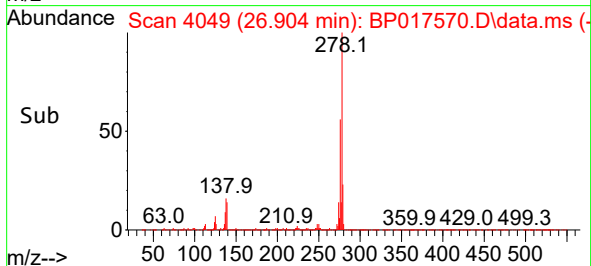
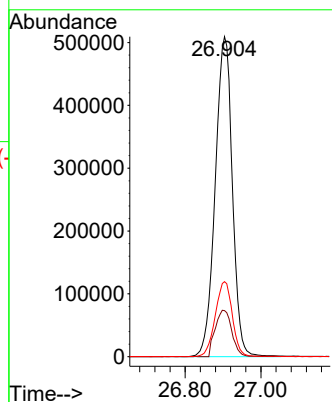
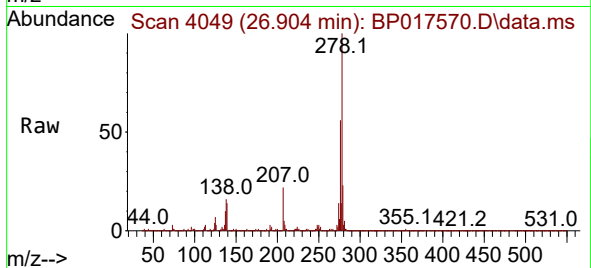
Tgt Ion:278 Resp: 1599544

Ion Ratio Lower Upper

278 100

139 14.4 11.5 17.3

279 23.5 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 55.776 ng/ul

RT: 27.733 min Scan# 4190

Delta R.T. -0.023 min

Lab File: BP017570.D

Acq: 05 Oct 2023 17:39

Tgt Ion:276 Resp: 1536886

Ion Ratio Lower Upper

276 100

138 19.8 16.1 24.1

277 23.5 18.7 28.1

