

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017568.D
 Acq On : 05 Oct 2023 16:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 02:00:16 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	7.939	152	109138	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	458207	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	306476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.421	188	704064	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	740839	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	816832	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	22825	8.361	ng/uL	0.00
4) Pyridine-d5	3.728	84	165912	23.219	ng/u1	0.00
7) Phenol-d5	7.098	99	214061	23.312	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	127108	22.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	168720	23.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	170259	23.161	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	81903	23.234	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	93407	23.493	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	177051	24.020	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	248349	23.652	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	549722	22.995	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	614165	23.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	93146	22.250	ng/u1	0.00
60) Fluorene-d10	15.633	176	476774	23.513	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	87242	19.876	ng/u1	0.00
73) Anthracene-d10	17.521	188	767693	23.556	ng/u1	0.00
81) Pyrene-d10	19.780	212	945849	22.976	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	955062	23.168	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	23987	8.548	ng/uL	98
5) Pyridine	3.746	79	171057	22.797	ng/u1	97
6) Benzaldehyde	7.098	77	117641	25.413	ng/u1	98
8) Phenol	7.128	94	214209	23.291	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	168469	22.623	ng/u1	99
12) 2-Chlorophenol	7.492	128	169929	23.222	ng/u1	100
13) 2-Methylphenol	8.392	108	159263	23.106	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	126442	12.895	ng/u1	99
16) Acetophenone	8.798	105	268125	23.128	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	138975	23.363	ng/u1	96
18) 4-Methylphenol	8.728	108	176127	23.614	ng/u1	100
19) Hexachloroethane	9.004	117	71265	21.939	ng/u1	99
22) Nitrobenzene	9.192	77	211300	23.304	ng/u1	98
23) Isophorone	9.704	82	385947	23.200	ng/u1	97
25) 2-Nitrophenol	9.898	139	100229	23.758	ng/u1	99
26) 2,4-Dimethylphenol	9.939	107	196503	23.493	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.192	93	232772	22.886	ng/u1	98
29) 2,4-Dichlorophenol	10.422	162	173678	24.267	ng/u1	98
30) Naphthalene	10.828	128	566290	23.164	ng/u1	99
32) 4-Chloroaniline	10.969	127	241368	24.082	ng/u1	99
33) Hexachlorobutadiene	11.051	225	118368	22.774	ng/u1	98
34) Caprolactam	11.804	113	54904	24.720	ng/u1	99
35) 4-Chloro-3-methylphenol	12.080	107	187831	24.867	ng/u1	98
36) 2-Methylnaphthalene	12.439	142	389090	23.292	ng/u1	99

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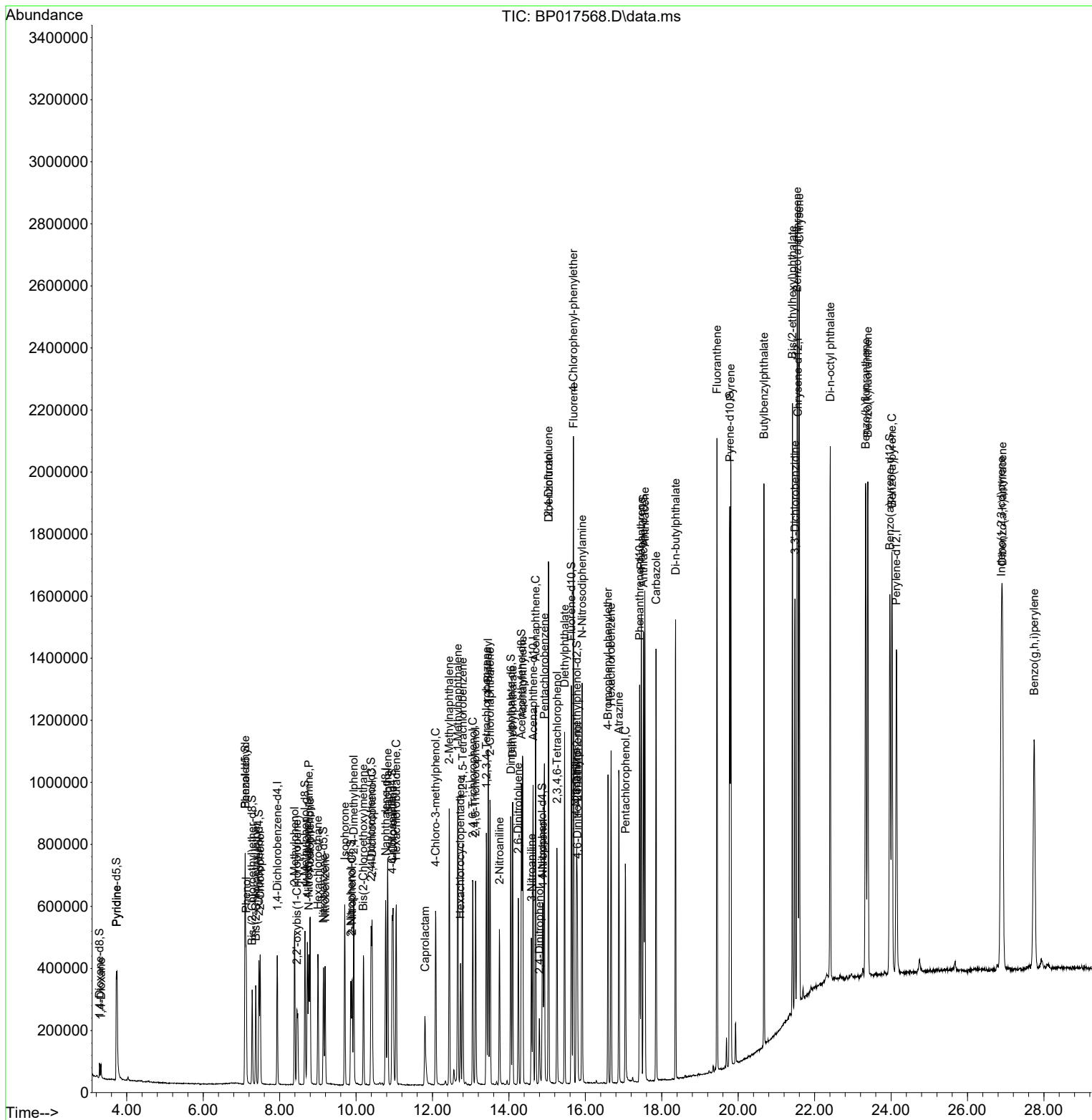
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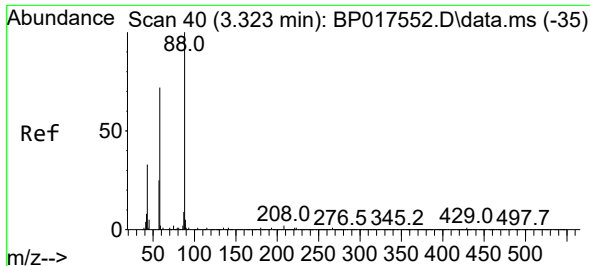
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	403270	23.529	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	226804	22.588	ng/ul	100
40) Hexachlorocyclopentadiene	12.733	237	98338	17.364	ng/ul	97
41) 2,4,6-Trichlorophenol	13.057	196	148761	23.247	ng/ul	100
42) 2,4,5-Trichlorophenol	13.127	196	160366	23.800	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	529287	22.560	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	424421	22.754	ng/ul	100
45) 2-Nitroaniline	13.751	65	126817	24.467	ng/ul	99
47) Dimethylphthalate	14.098	163	552457	22.992	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	106520	23.790	ng/ul	97
50) Acenaphthylene	14.363	152	698685	22.919	ng/ul	99
51) 3-Nitroaniline	14.592	138	105696	24.763	ng/ul	93
52) Acenaphthene	14.698	153	458172	22.769	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	43638	16.465	ng/ul	89
55) 4-Nitrophenol	14.892	109	99113	26.365	ng/ul	98
56) Dibenzofuran	15.039	168	654221	23.101	ng/ul	100
57) 2,4-Dinitrotoluene	15.033	165	165089	24.704	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	141760	23.771	ng/ul	94
59) Diethylphthalate	15.457	149	557932	23.150	ng/ul	99
61) Fluorene	15.692	166	544972	23.300	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	279780	23.350	ng/ul	97
63) 4-Nitroaniline	15.768	138	108200	26.970	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.792	198	93699	19.954	ng/ul	99
67) N-Nitrosodiphenylamine	15.916	169	454177	23.038	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	173753	23.279	ng/ul	99
69) Hexachlorobenzene	16.674	284	203705	23.174	ng/ul	98
70) Atrazine	16.880	200	175990	23.073	ng/ul	96
71) Pentachlorophenol	17.051	266	118843	22.334	ng/ul	96
72) Phenanthrene	17.463	178	884182	23.333	ng/ul	100
74) Anthracene	17.557	178	906746	23.477	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	231751	22.268	ng/uL	97
76) Pentachlorobenzene	14.927	250	235593	22.804	ng/uL	97
77) Carbazole	17.851	167	822480	23.715	ng/ul	99
78) Di-n-butylphthalate	18.362	149	957988	22.918	ng/ul	99
80) Fluoranthene	19.445	202	1094554	22.824	ng/ul	99
82) Pyrene	19.804	202	1151213	22.752	ng/ul	100
83) Butylbenzylphthalate	20.674	149	460203	23.159	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.486	252	376690	22.378	ng/ul	100
85) Benzo(a)anthracene	21.545	228	1205286	23.222	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	655556	22.887	ng/ul	100
87) Chrysene	21.598	228	1115452	22.992	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	1148275	22.222	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1163317	22.687	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1169101	22.868	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1107785	23.109	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	1324066	22.594	ng/ul	100
95) Dibenzo(a,h)anthracene	26.915	278	1102847	22.334	ng/ul	99
96) Benzo(g,h,i)perylene	27.744	276	1058047	22.507	ng/ul	100

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

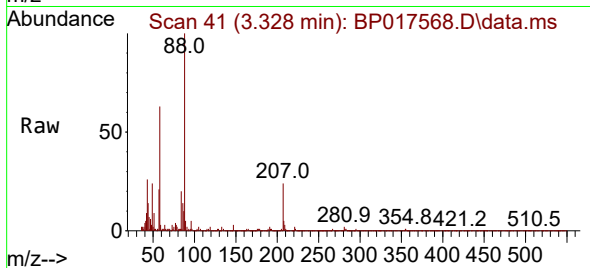
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
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QLast Update : Wed Oct 04 16:33:47 2023
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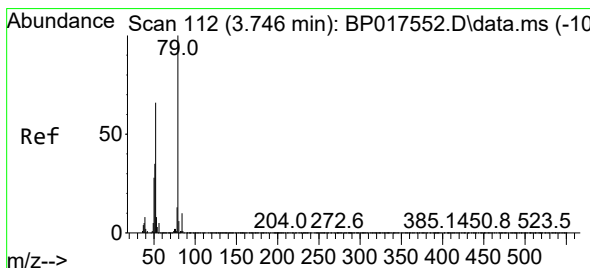
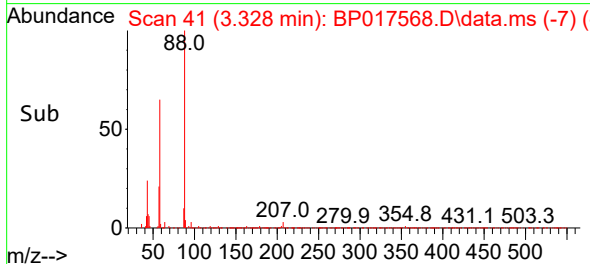
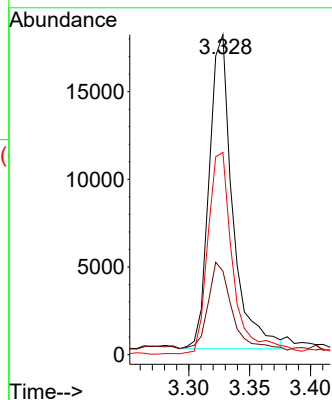
#2
 1,4-Dioxane
 Concen: 8.548 ng/uL
 RT: 3.328 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion: 88 Resp: 23987

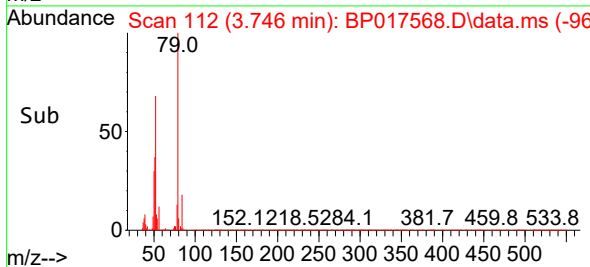
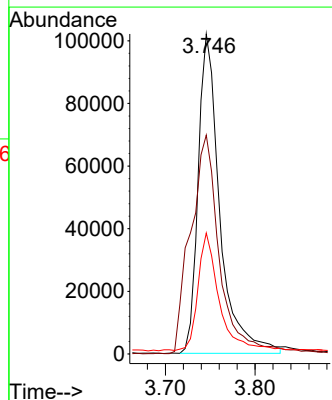
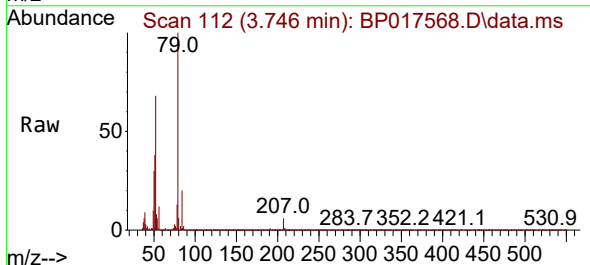
Ion	Ratio	Lower	Upper
88	100		
43	26.1	22.6	34.0
58	63.2	51.4	77.2

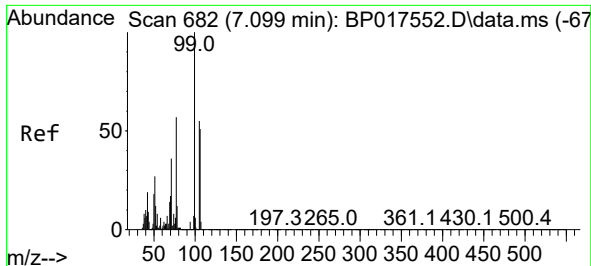


#5
 Pyridine
 Concen: 22.797 ng/uL
 RT: 3.746 min Scan# 112
 Delta R.T. -0.006 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

Tgt Ion: 79 Resp: 171057

Ion	Ratio	Lower	Upper
79	100		
52	68.4	52.6	78.8
51	37.8	31.7	47.5

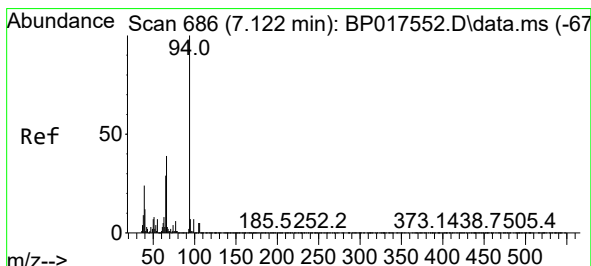
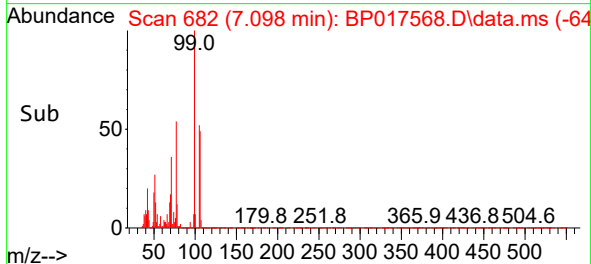
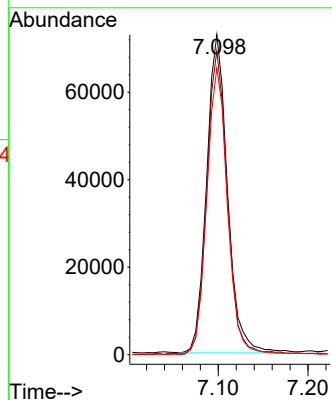
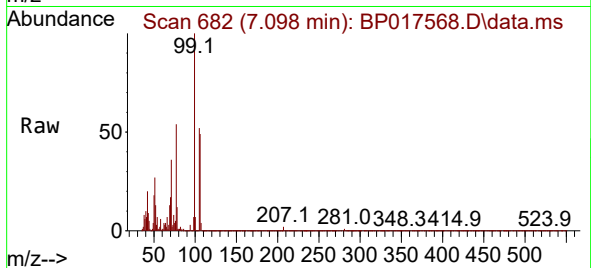




#6
Benzaldehyde
Concen: 25.413 ng/ul
RT: 7.098 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

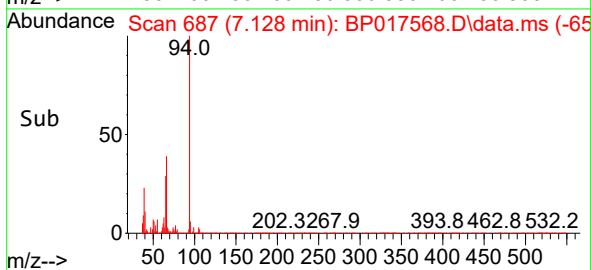
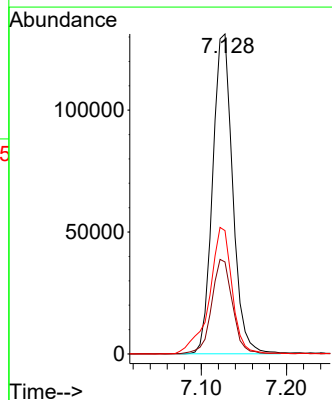
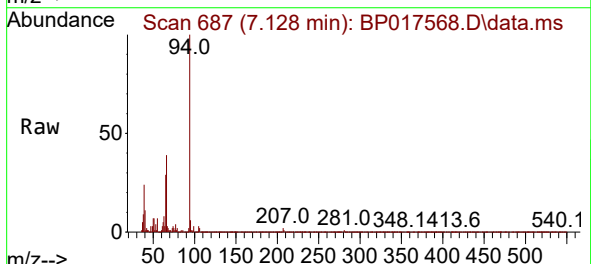
Instrument :
BNA_G
ClientSampleId :

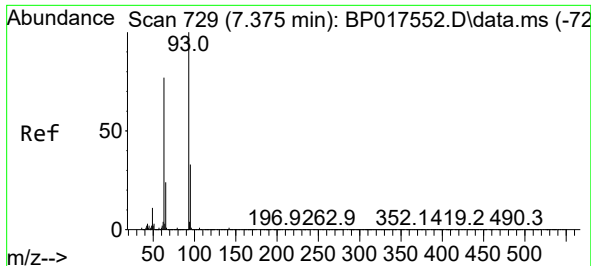
Tgt Ion: 77 Resp: 117641
Ion Ratio Lower Upper
77 100
105 94.9 74.6 112.0
106 89.5 72.8 109.2



#8
Phenol
Concen: 23.291 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

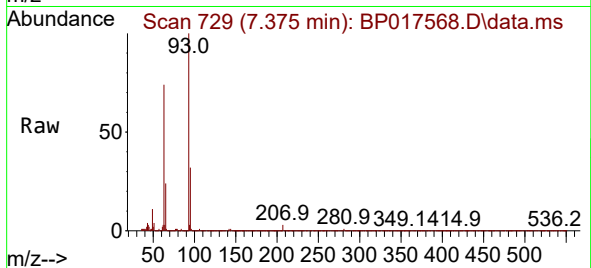
Tgt Ion: 94 Resp: 214209
Ion Ratio Lower Upper
94 100
65 28.7 23.5 35.3
66 38.5 32.3 48.5





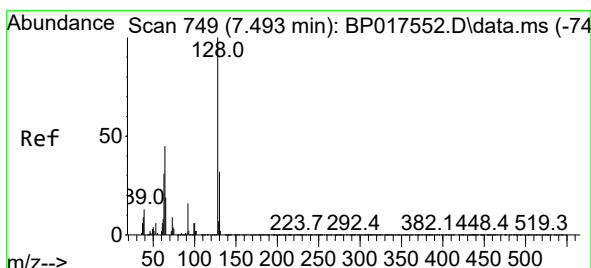
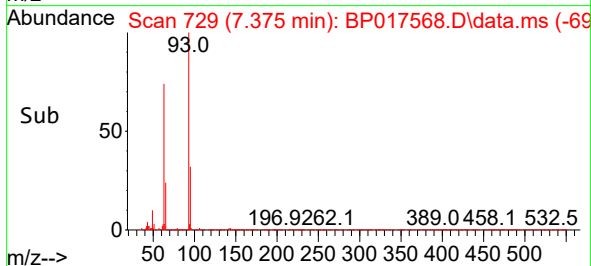
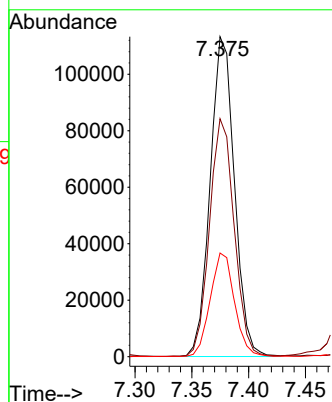
#10
 Bis(2-Chloroethyl)ether
 Concen: 22.623 ng/ul
 RT: 7.375 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion: 93 Resp: 168469

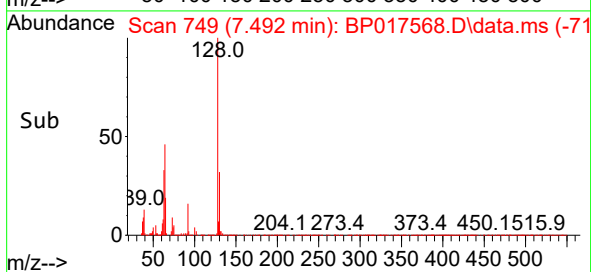
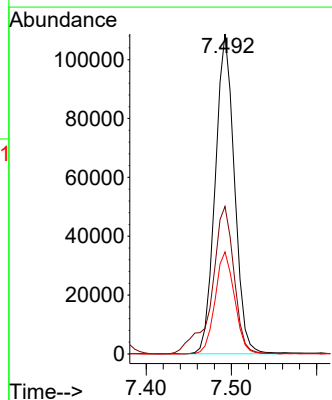
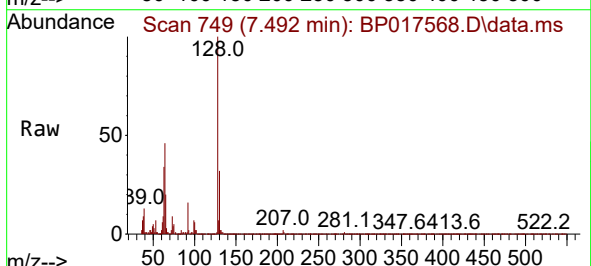
Ion	Ratio	Lower	Upper
93	100		
63	74.4	60.0	90.0
95	32.4	25.9	38.9

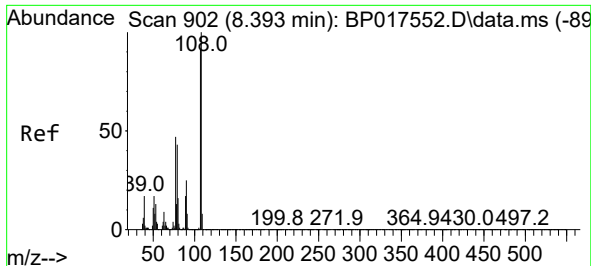


#12
 2-Chlorophenol
 Concen: 23.222 ng/ul
 RT: 7.492 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

Tgt Ion: 128 Resp: 169929

Ion	Ratio	Lower	Upper
128	100		
64	46.1	36.7	55.1
130	31.9	25.4	38.0





#13

2-Methylphenol

Concen: 23.106 ng/ul

RT: 8.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

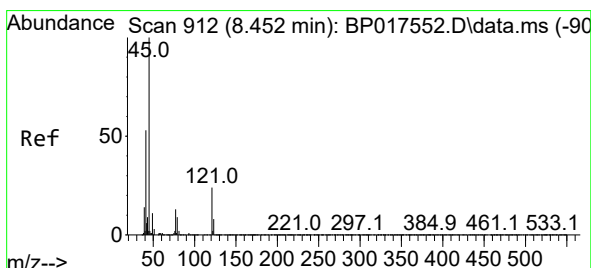
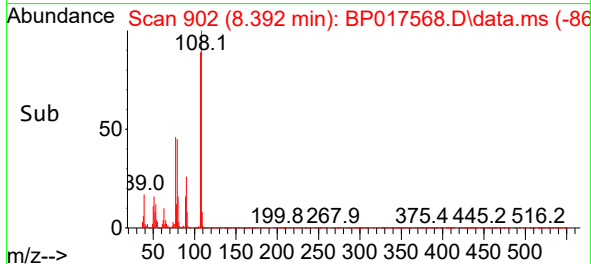
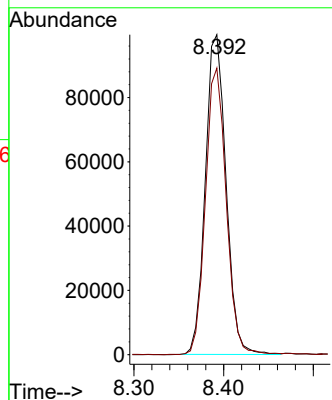
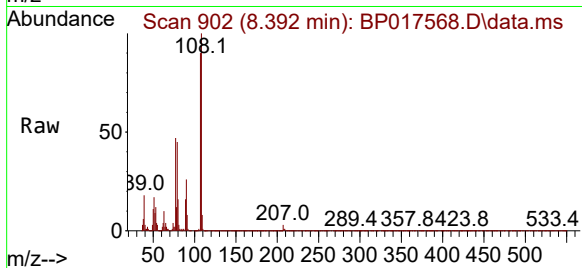
ClientSampleId :

Tgt Ion:108 Resp: 159263

Ion Ratio Lower Upper

108 100

107 89.6 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.895 ng/ul

RT: 8.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

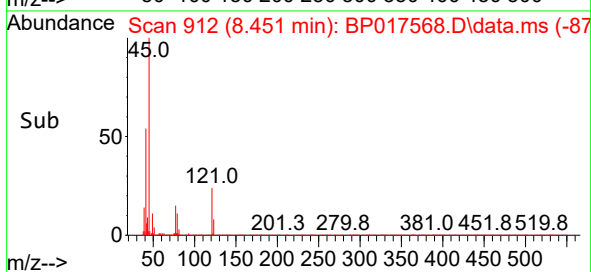
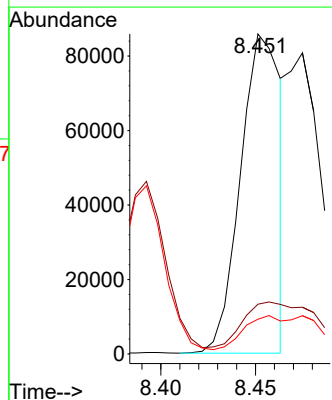
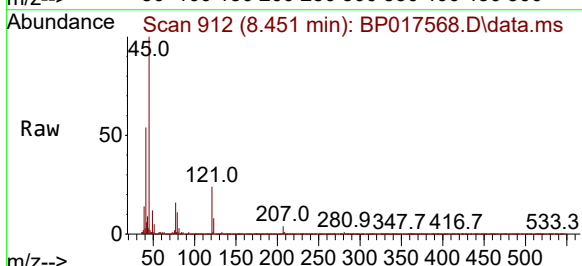
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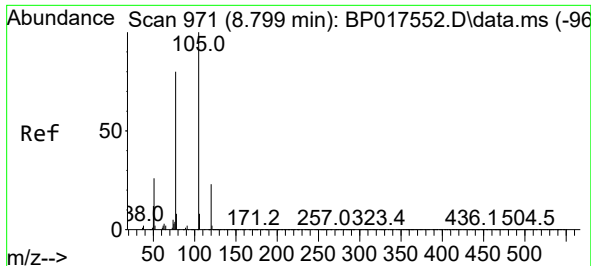
Ion Ratio Lower Upper

45 100

77 15.5 12.9 19.3

79 10.8 9.0 13.4

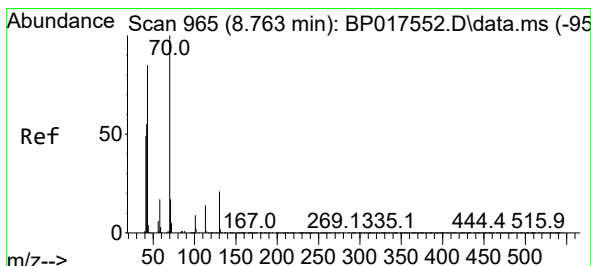
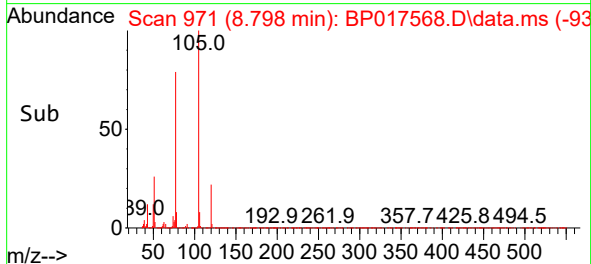
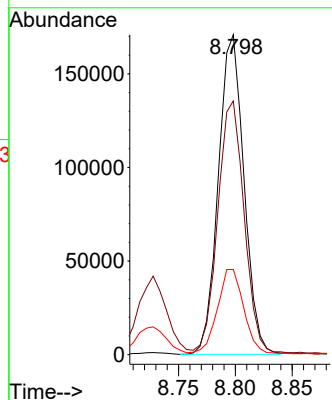
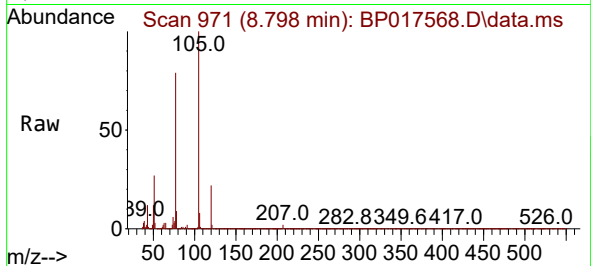




#16
Acetophenone
Concen: 23.128 ng/ul
RT: 8.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

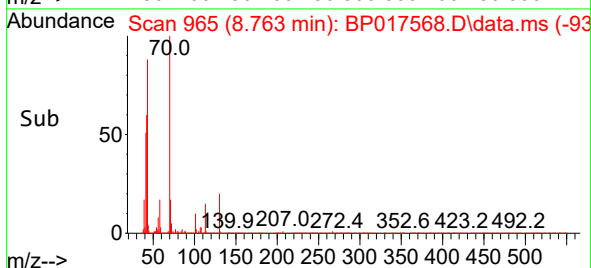
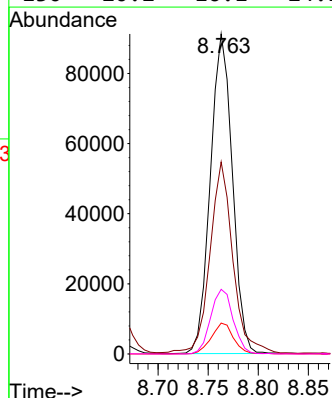
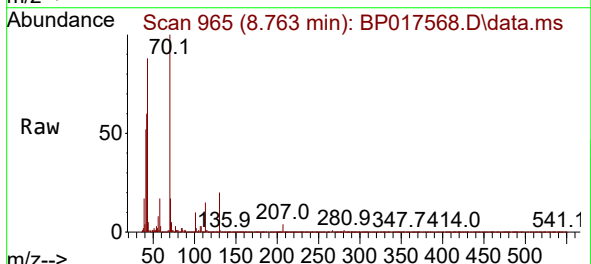
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BNA_G
ClientSampleId :

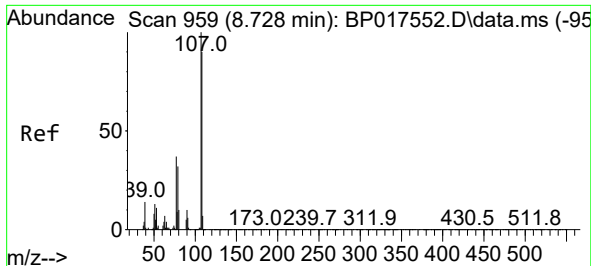
Tgt Ion:105 Resp: 268125
Ion Ratio Lower Upper
105 100
77 79.3 63.5 95.3
51 26.7 23.8 35.6



#17
N-Nitroso-di-n-propylamine
Concen: 23.363 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 70 Resp: 138975
Ion Ratio Lower Upper
70 100
42 60.0 44.9 67.3
101 9.7 7.7 11.5
130 20.2 16.1 24.1

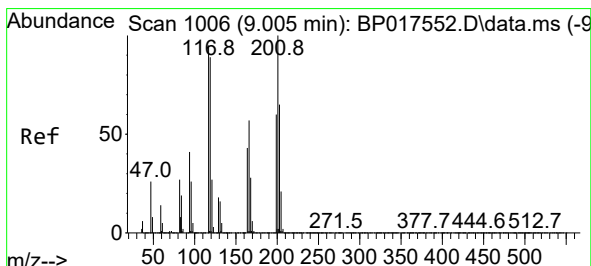
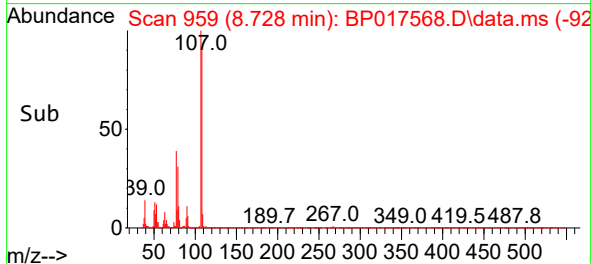
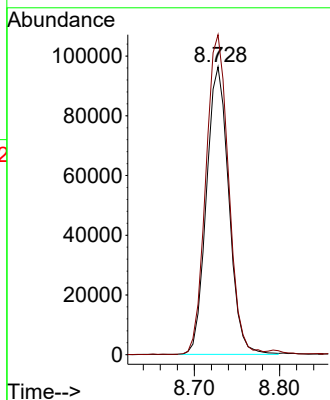
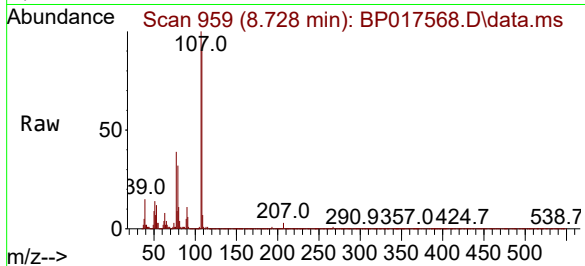




#18
4-Methylphenol
Concen: 23.614 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

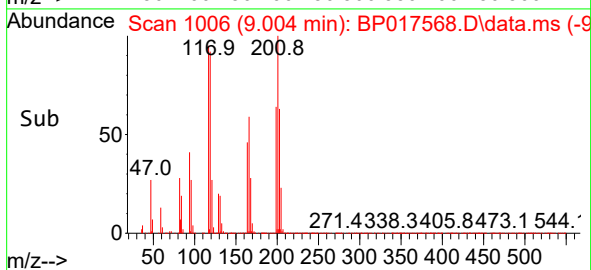
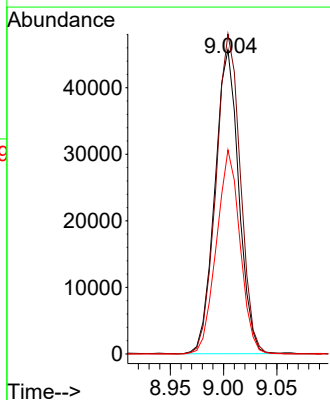
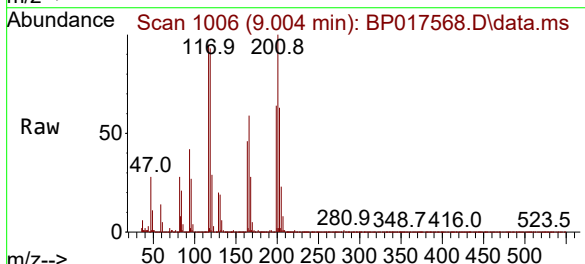
Instrument :
BNA_G
ClientSampleId :

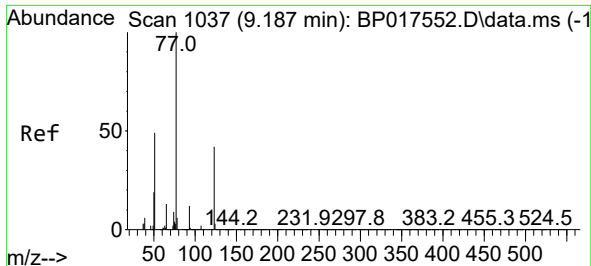
Tgt Ion:108 Resp: 176127
Ion Ratio Lower Upper
108 100
107 111.2 89.0 133.6



#19
Hexachloroethane
Concen: 21.939 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:117 Resp: 71265
Ion Ratio Lower Upper
117 100
201 105.1 83.2 124.8
199 67.0 52.8 79.2

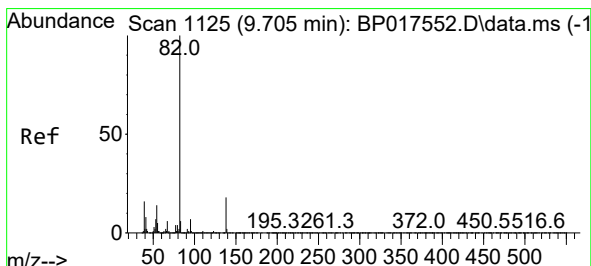
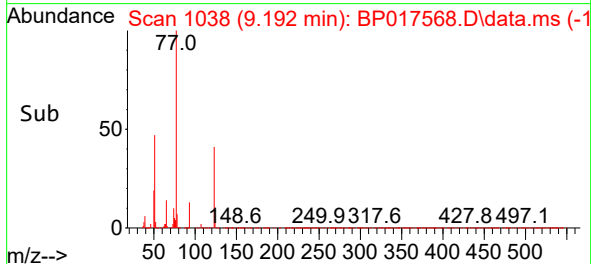
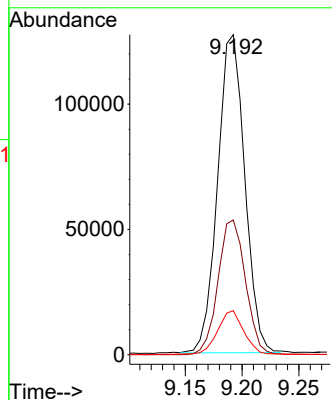
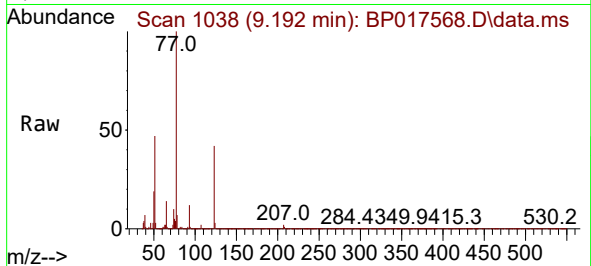




#22
Nitrobenzene
Concen: 23.304 ng/ul
RT: 9.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

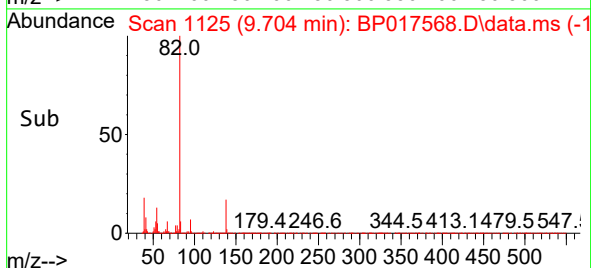
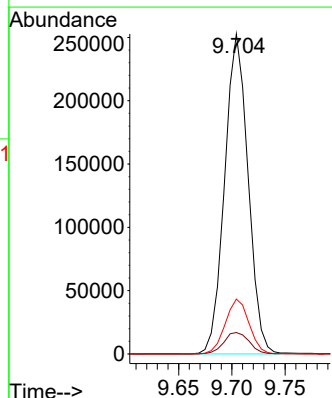
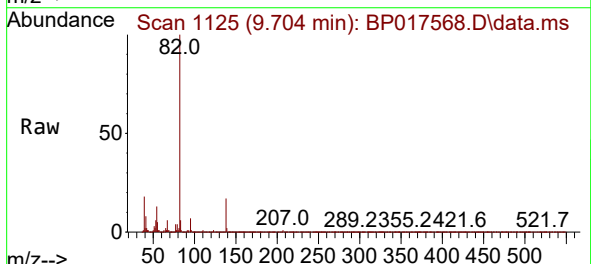
Instrument :
BNA_G
ClientSampleId :

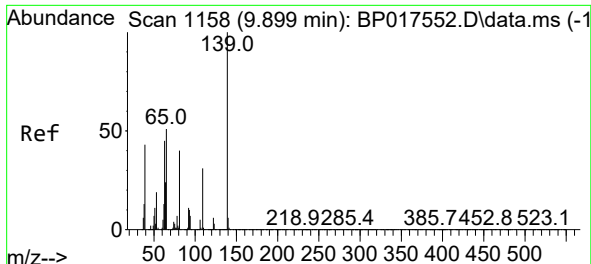
Tgt Ion: 77 Resp: 211300
Ion Ratio Lower Upper
77 100
123 42.1 35.0 52.6
65 13.8 11.0 16.4



#23
Isophorone
Concen: 23.200 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 82 Resp: 385947
Ion Ratio Lower Upper
82 100
95 6.7 6.3 9.5
138 17.1 14.6 21.8

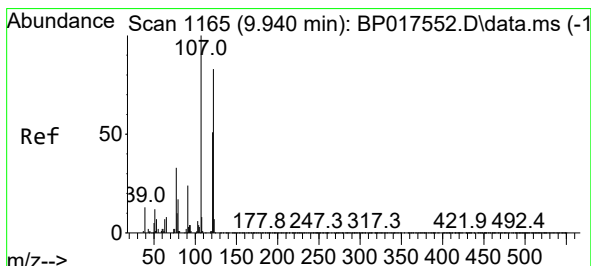
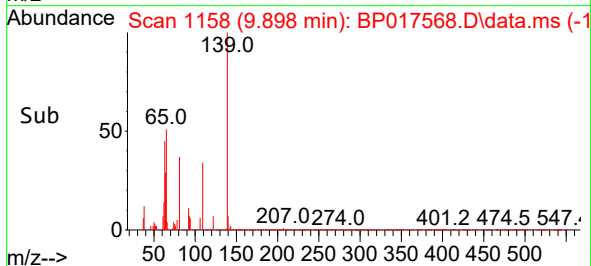
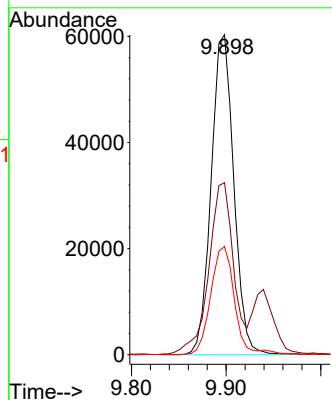
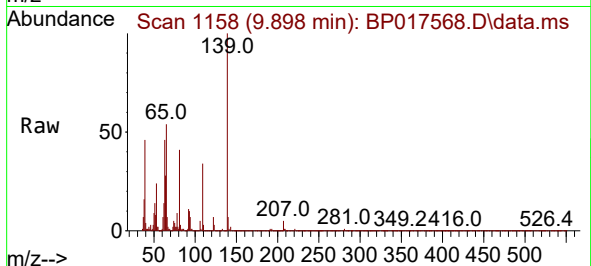




#25
2-Nitrophenol
Concen: 23.758 ng/ul
RT: 9.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

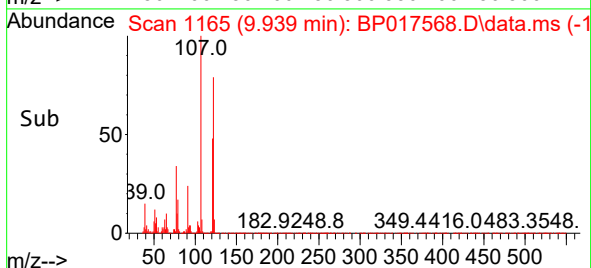
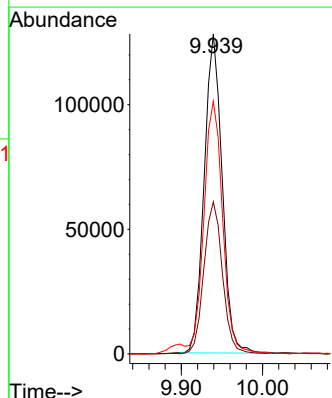
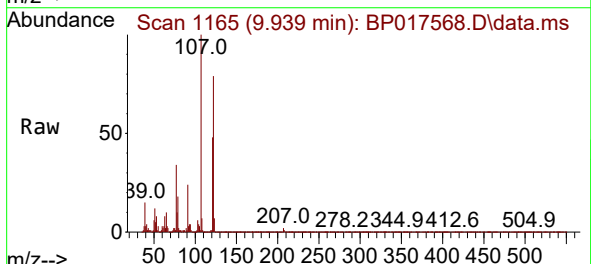
Instrument :
BNA_G
ClientSampleId :

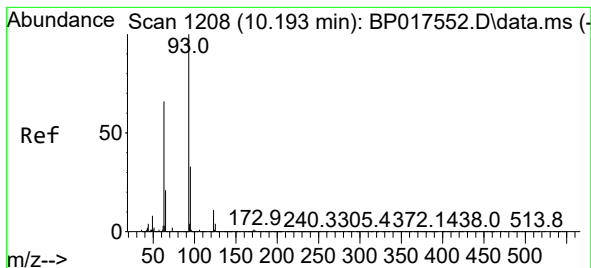
Tgt Ion:139 Resp: 100229
Ion Ratio Lower Upper
139 100
65 53.7 43.4 65.0
109 33.8 26.6 39.8



#26
2,4-Dimethylphenol
Concen: 23.493 ng/ul
RT: 9.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:107 Resp: 196503
Ion Ratio Lower Upper
107 100
121 47.6 39.8 59.8
122 79.0 68.3 102.5

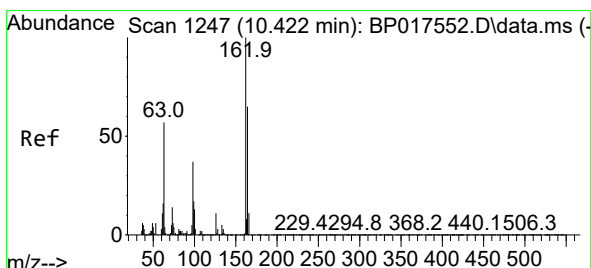
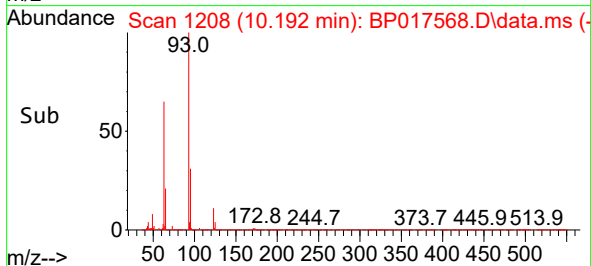
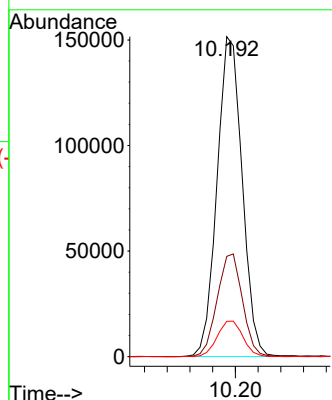
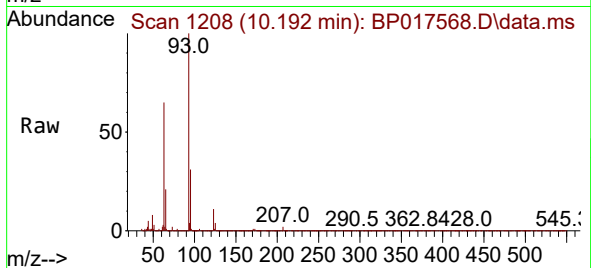




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.886 ng/ul
 RT: 10.192 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

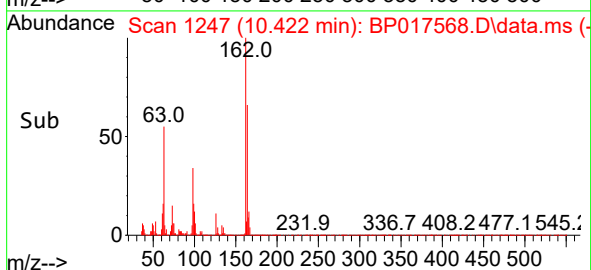
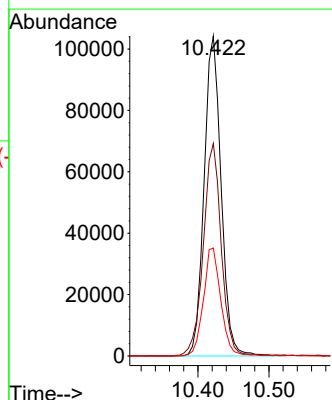
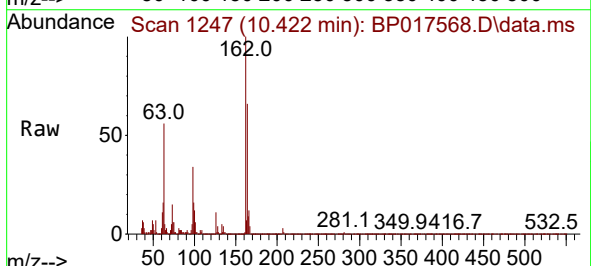
Instrument :
 BNA_G
 ClientSampleId :

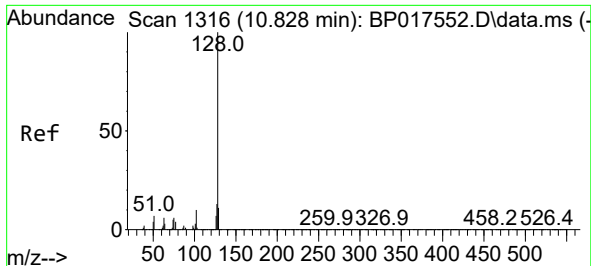
Tgt Ion: 93 Resp: 232772
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.0 39.0
 123 11.0 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 24.267 ng/ul
 RT: 10.422 min Scan# 1247
 Delta R.T. -0.006 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

Tgt Ion: 162 Resp: 173678
 Ion Ratio Lower Upper
 162 100
 164 66.4 54.4 81.6
 98 33.8 28.2 42.4

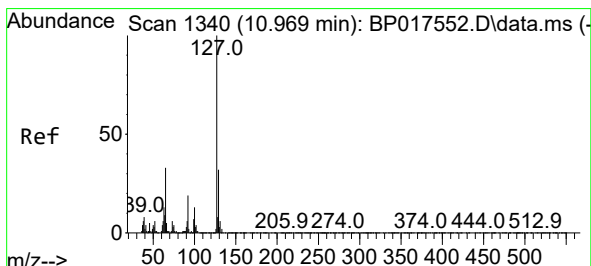
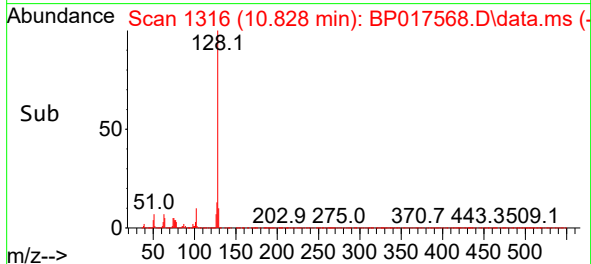
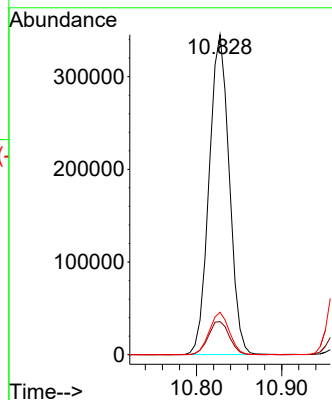
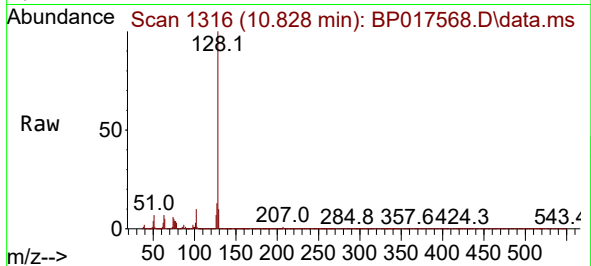




#30
Naphthalene
Concen: 23.164 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

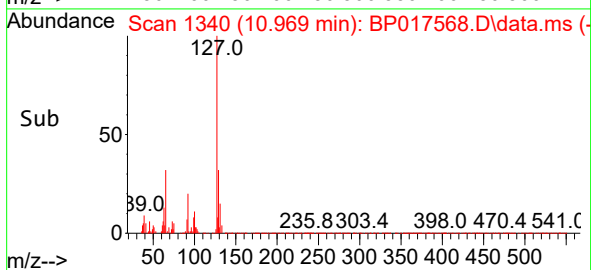
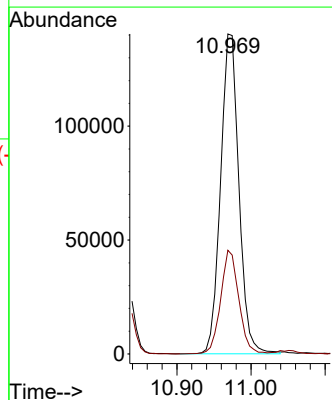
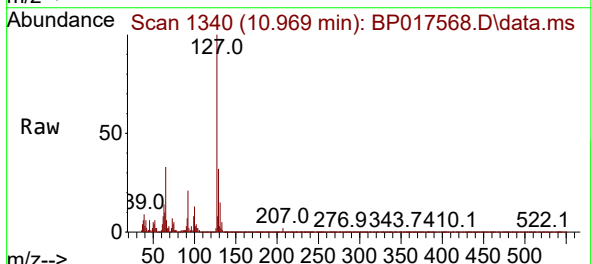
Instrument :
BNA_G
ClientSampleId :

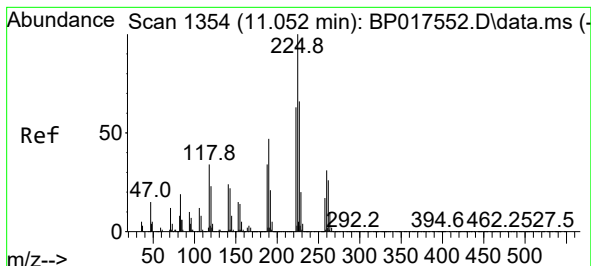
Tgt Ion:128 Resp: 566290
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.2 10.2 15.4



#32
4-Chloroaniline
Concen: 24.082 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:127 Resp: 241368
Ion Ratio Lower Upper
127 100
129 32.4 26.2 39.4





#33

Hexachlorobutadiene

Concen: 22.774 ng/ul

RT: 11.051 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

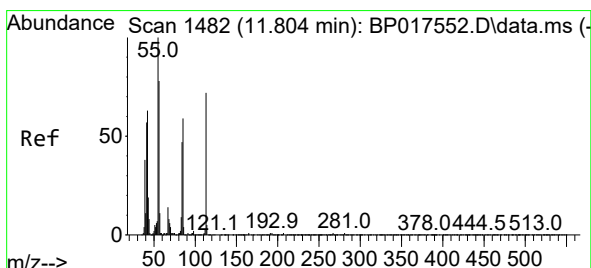
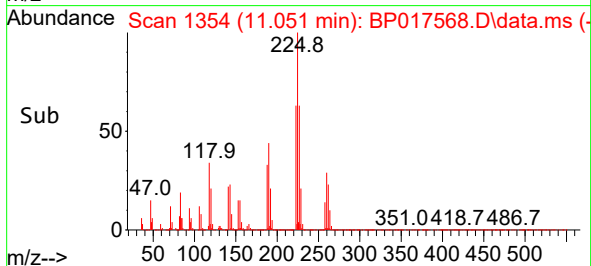
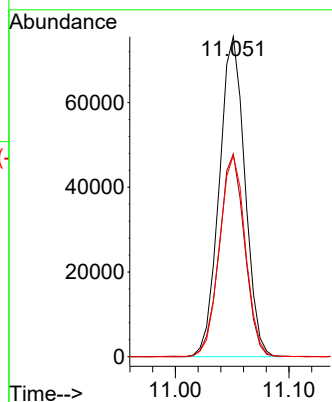
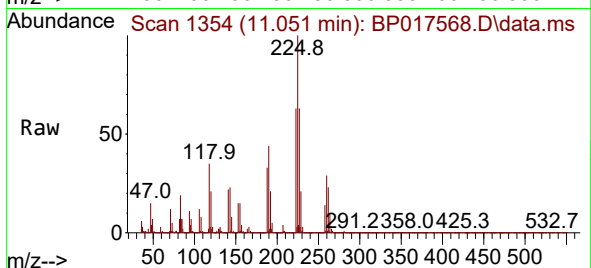
Tgt Ion:225 Resp: 118368

Ion Ratio Lower Upper

225 100

223 63.4 51.5 77.3

227 62.8 51.4 77.0



#34

Caprolactam

Concen: 24.720 ng/ul

RT: 11.804 min Scan# 1482

Delta R.T. -0.012 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

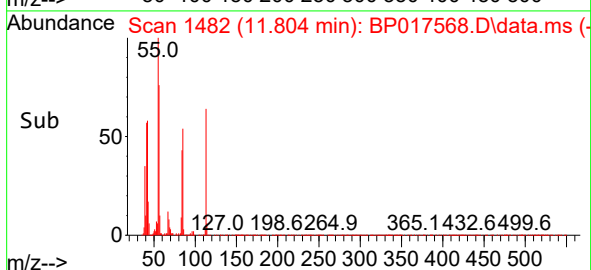
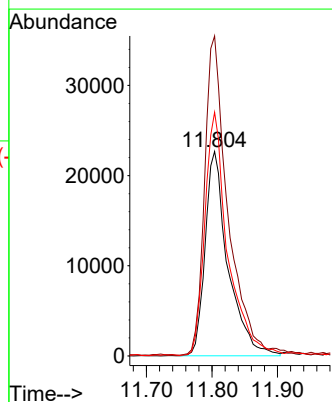
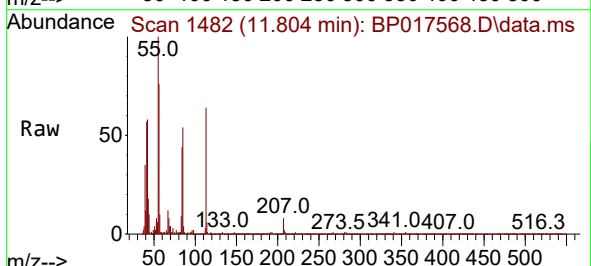
Tgt Ion:113 Resp: 54904

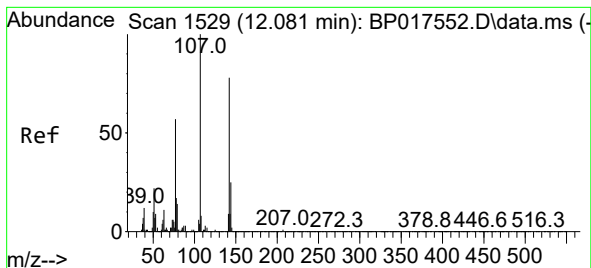
Ion Ratio Lower Upper

113 100

55 156.5 124.6 187.0

56 119.1 94.7 142.1

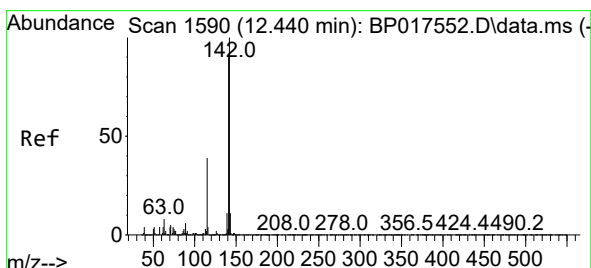
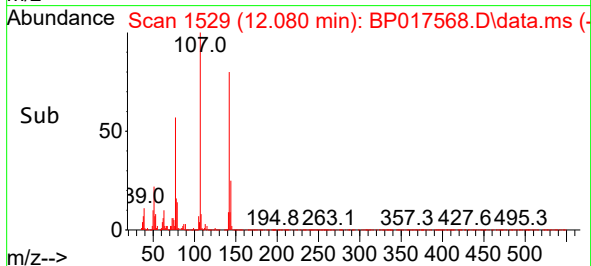
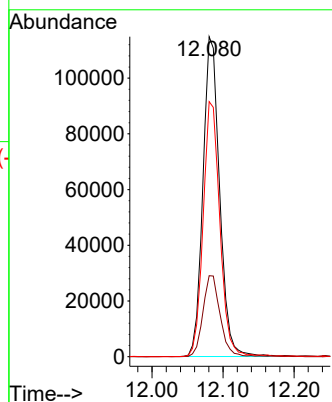
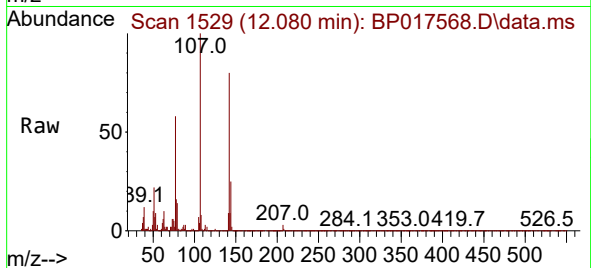




#35
 4-Chloro-3-methylphenol
 Concen: 24.867 ng/ul
 RT: 12.080 min Scan# 1529
 Delta R.T. -0.006 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

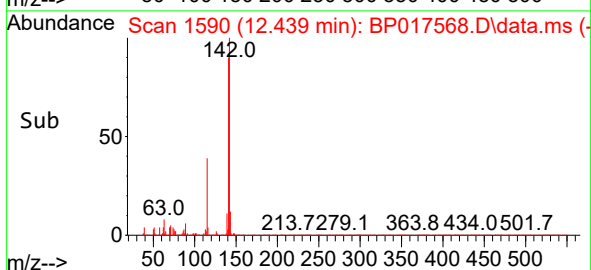
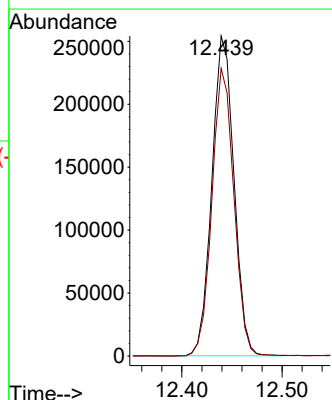
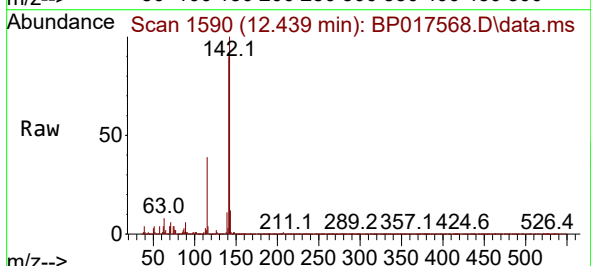
Instrument :
 BNA_G
 ClientSampleId :

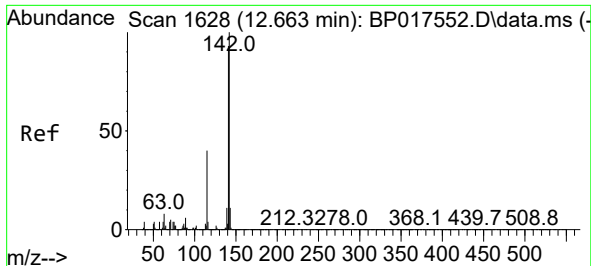
Tgt Ion:107 Resp: 187831
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.8 31.2
 142 79.7 62.3 93.5



#36
 2-Methylnaphthalene
 Concen: 23.292 ng/ul
 RT: 12.439 min Scan# 1590
 Delta R.T. -0.006 min
 Lab File: BP017568.D
 Acq: 05 Oct 2023 16:31

Tgt Ion:142 Resp: 389090
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.4 107.2





#37

1-Methylnaphthalene

Concen: 23.529 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

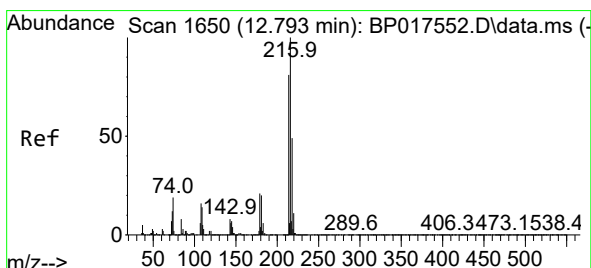
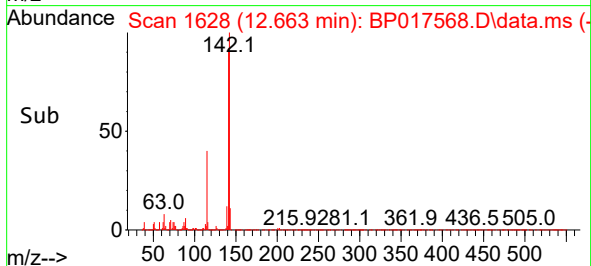
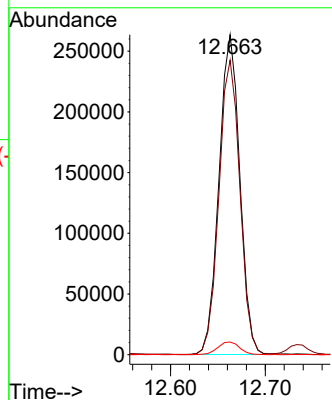
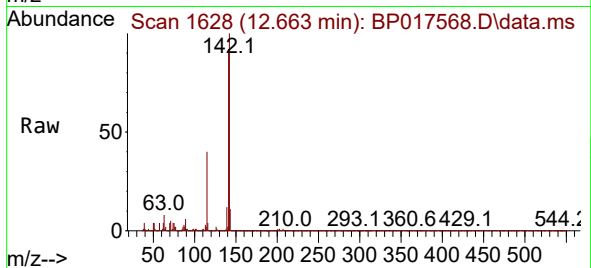
Tgt Ion:142 Resp: 403270

Ion Ratio Lower Upper

142 100

141 92.1 74.1 111.1

116 4.0 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.588 ng/ul

RT: 12.792 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Tgt Ion:216 Resp: 226804

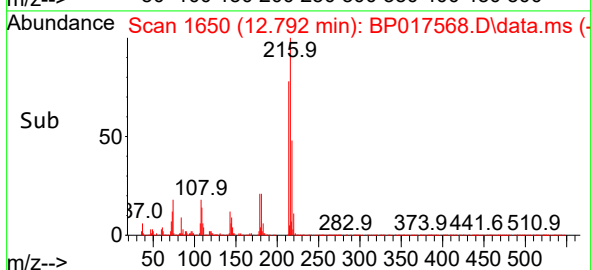
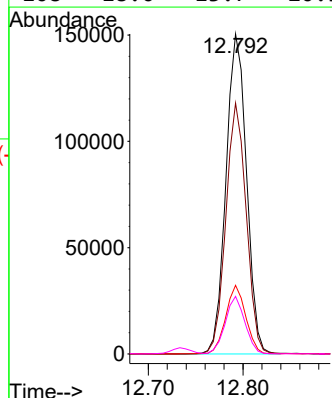
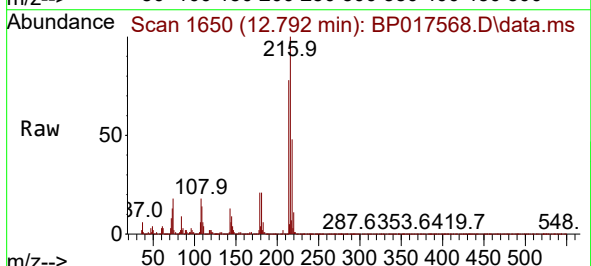
Ion Ratio Lower Upper

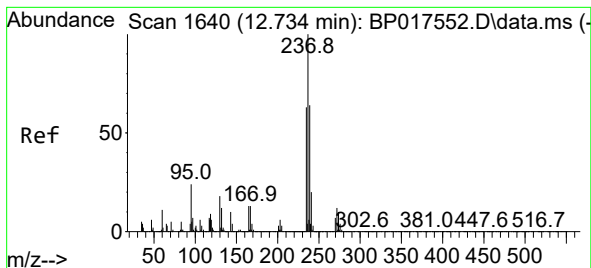
216 100

214 78.4 62.6 94.0

179 21.5 17.1 25.7

108 18.0 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 17.364 ng/ul

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

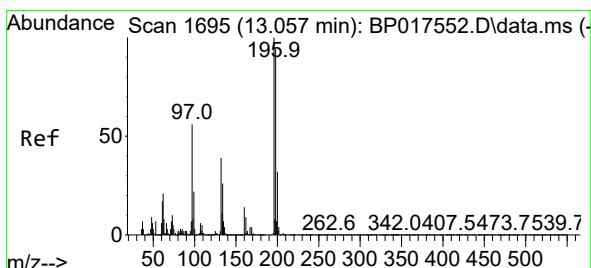
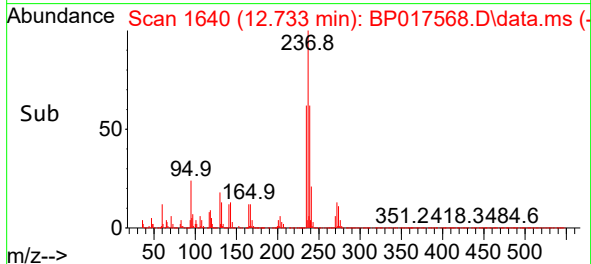
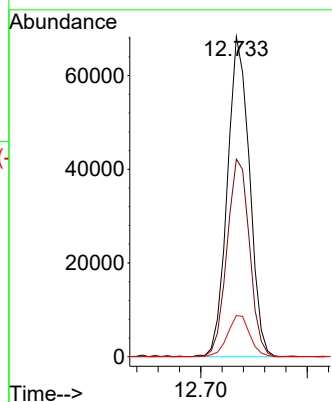
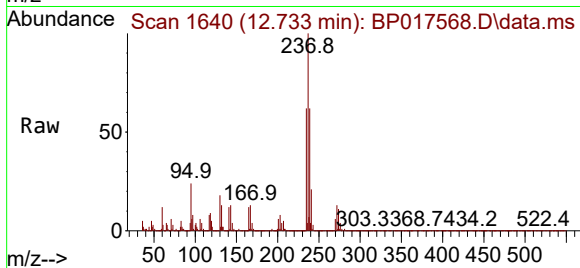
Tgt Ion:237 Resp: 98338

Ion Ratio Lower Upper

237 100

235 61.8 51.4 77.0

272 12.9 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 23.247 ng/ul

RT: 13.057 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

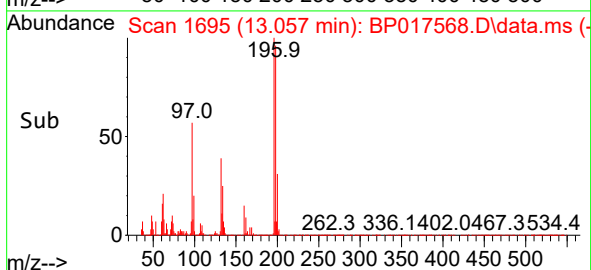
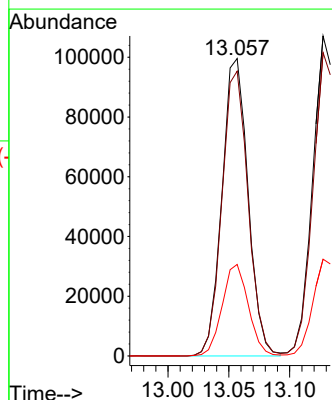
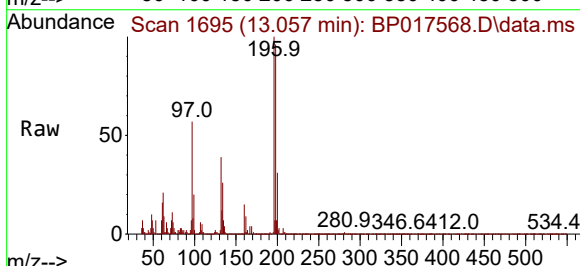
Tgt Ion:196 Resp: 148761

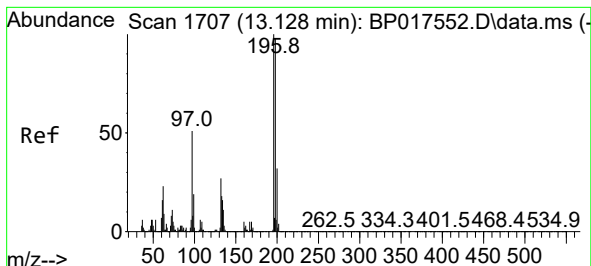
Ion Ratio Lower Upper

196 100

198 95.7 76.3 114.5

200 30.8 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 23.800 ng/ul

RT: 13.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

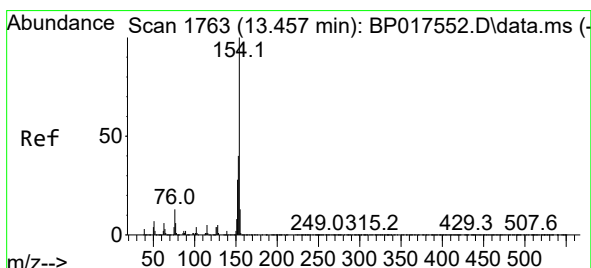
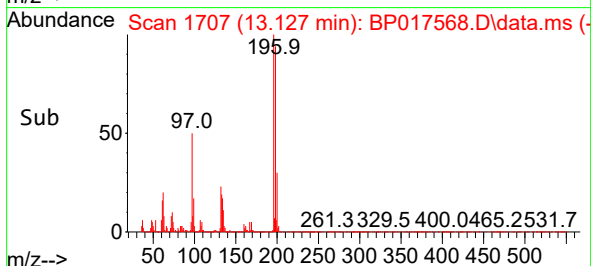
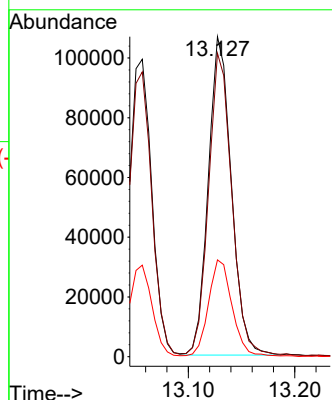
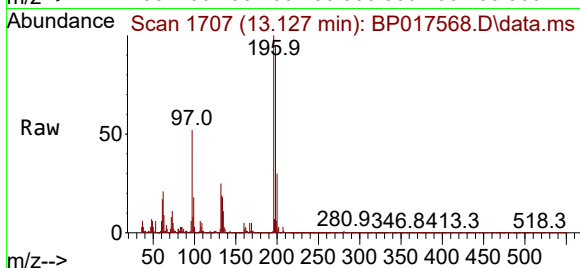
Tgt Ion:196 Resp: 160366

Ion Ratio Lower Upper

196 100

198 94.8 75.4 113.2

200 30.3 24.9 37.3



#43

1,1'-Biphenyl

Concen: 22.560 ng/ul

RT: 13.457 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

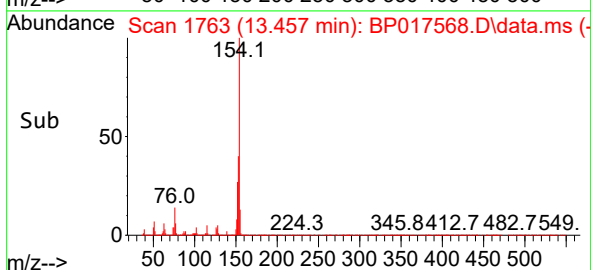
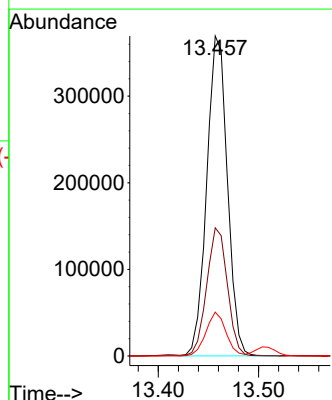
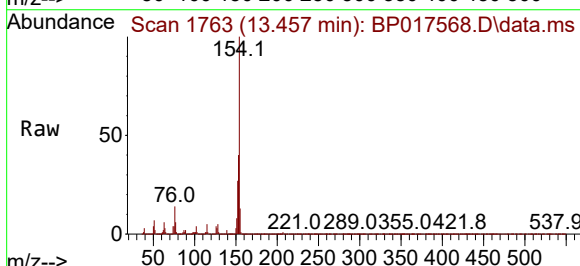
Tgt Ion:154 Resp: 529287

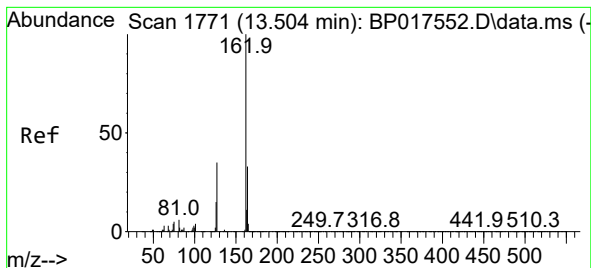
Ion Ratio Lower Upper

154 100

153 40.1 32.2 48.4

76 13.7 11.0 16.4

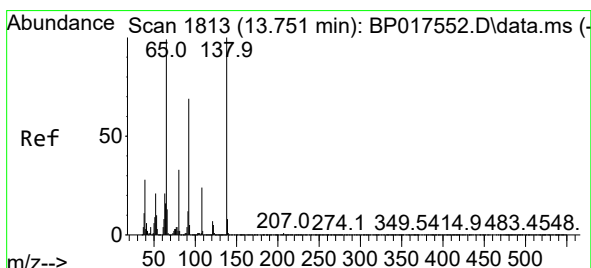
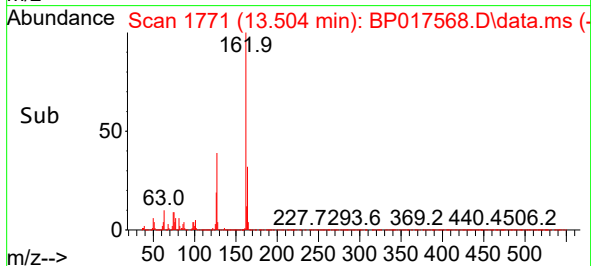
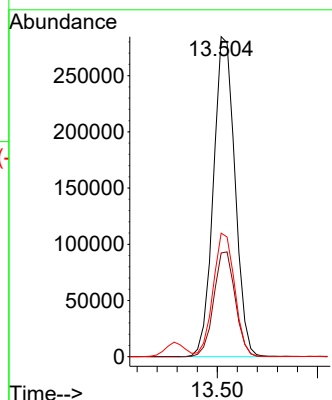
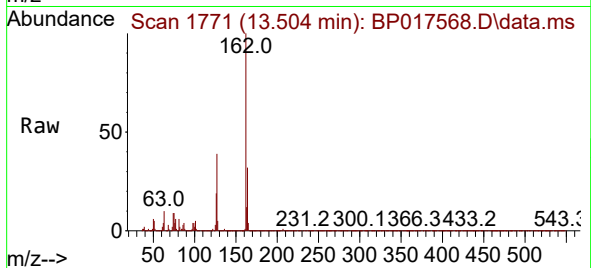




#44
2-Chloronaphthalene
Concen: 22.754 ng/ul
RT: 13.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

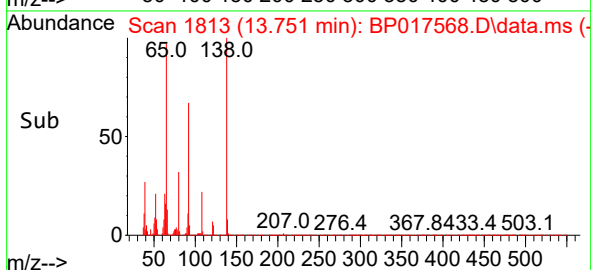
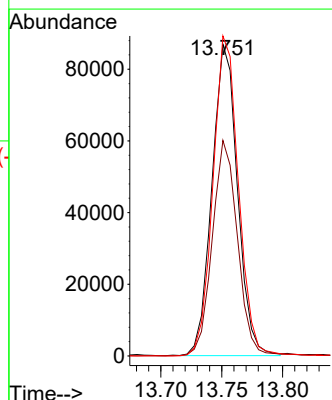
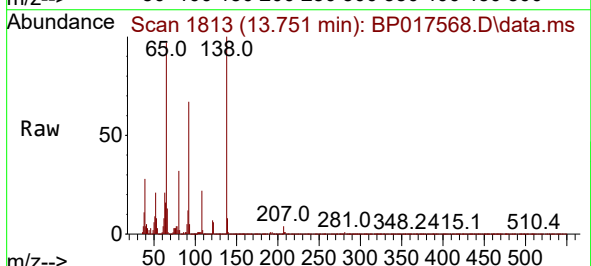
Instrument :
BNA_G
ClientSampleId :

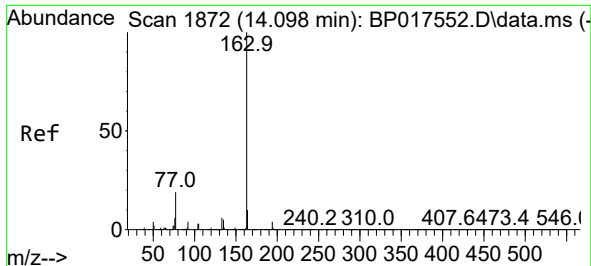
Tgt Ion:162 Resp: 424421
Ion Ratio Lower Upper
162 100
164 32.4 26.0 39.0
127 38.6 31.2 46.8



#45
2-Nitroaniline
Concen: 24.467 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 65 Resp: 126817
Ion Ratio Lower Upper
65 100
92 69.1 54.7 82.1
138 102.7 81.4 122.2

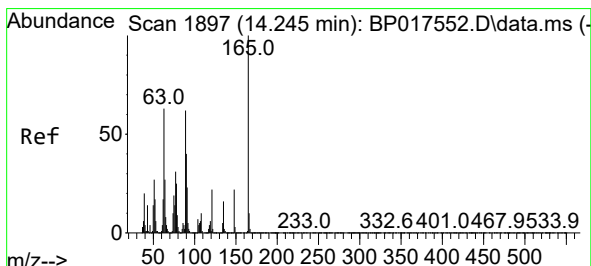
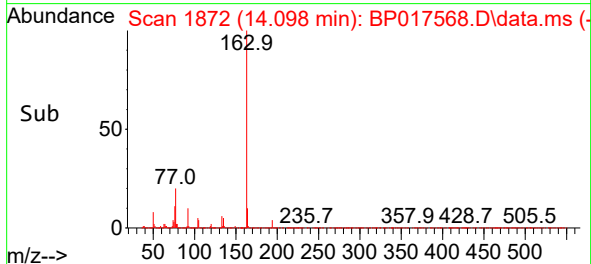
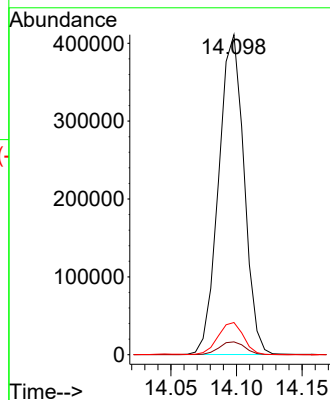
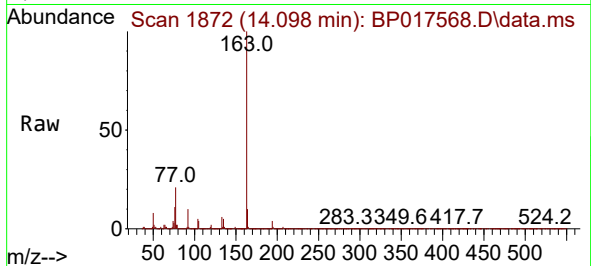




#47
Dimethylphthalate
Concen: 22.992 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

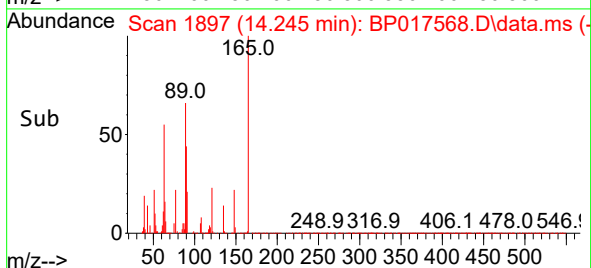
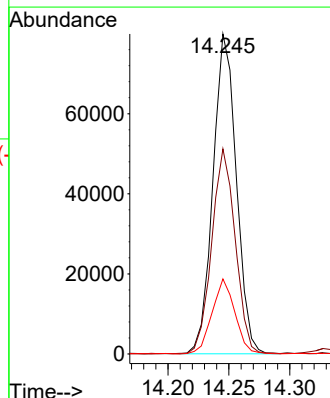
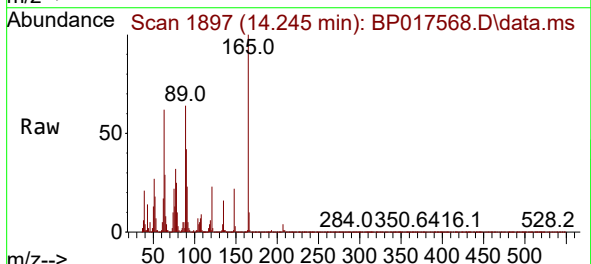
Instrument :
BNA_G
ClientSampleId :

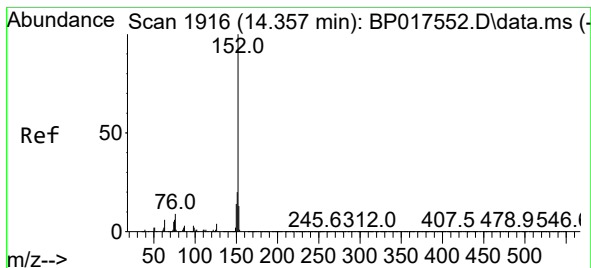
Tgt Ion:163 Resp: 552457
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 23.790 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:165 Resp: 106520
Ion Ratio Lower Upper
165 100
89 64.1 52.6 78.8
121 23.5 16.7 25.1





#50

Acenaphthylene

Concen: 22.919 ng/ul

RT: 14.363 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

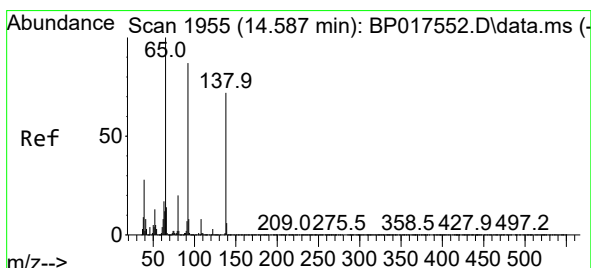
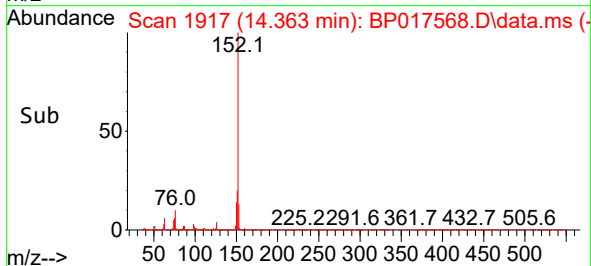
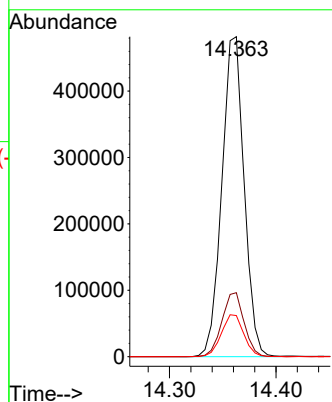
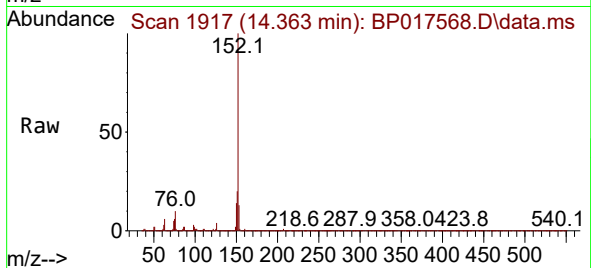
Tgt Ion:152 Resp: 698685

Ion Ratio Lower Upper

152 100

151 20.0 15.6 23.4

153 12.9 10.5 15.7



#51

3-Nitroaniline

Concen: 24.763 ng/ul

RT: 14.592 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

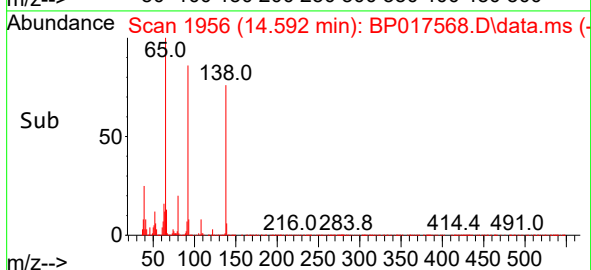
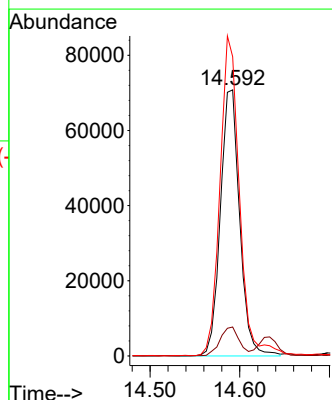
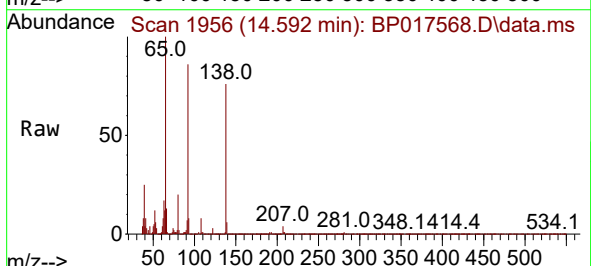
Tgt Ion:138 Resp: 105696

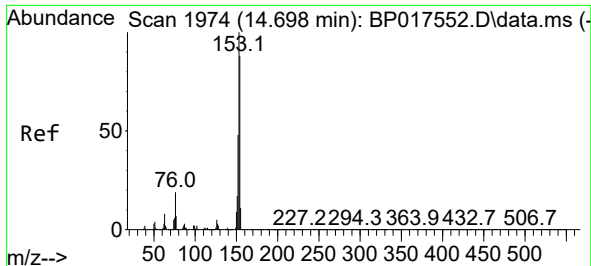
Ion Ratio Lower Upper

138 100

108 10.9 9.3 13.9

92 112.4 96.4 144.6

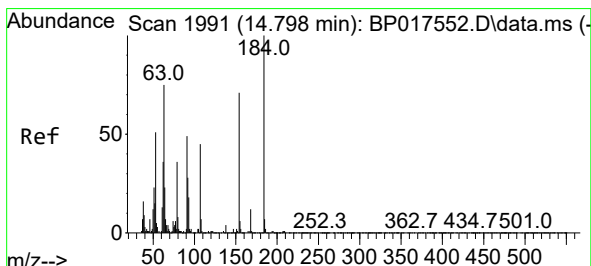
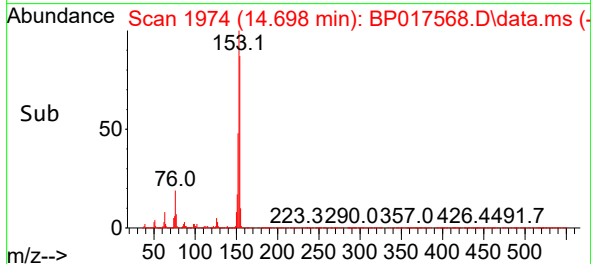
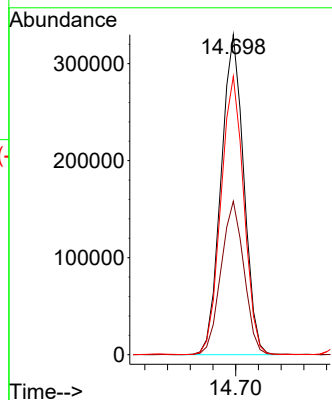
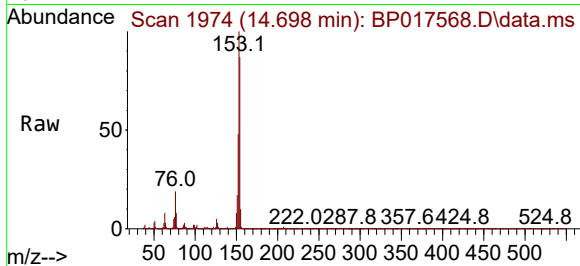




#52
Acenaphthene
Concen: 22.769 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

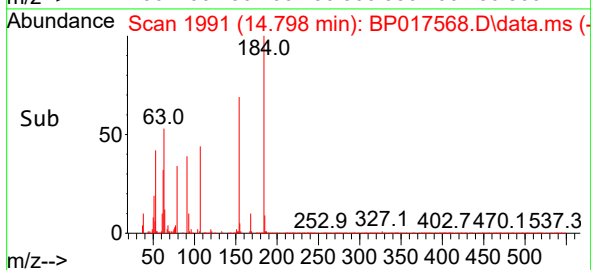
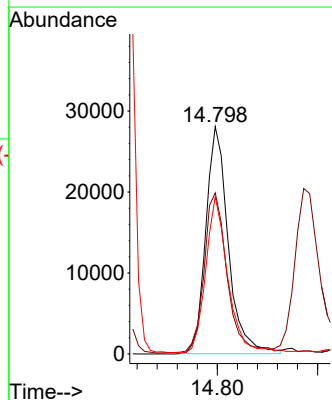
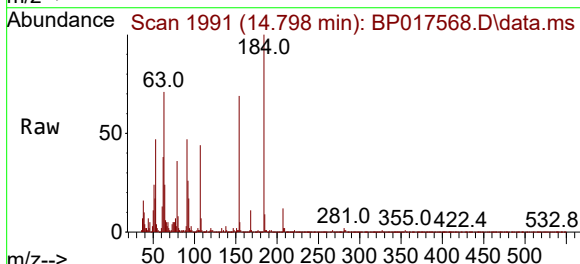
Instrument :
BNA_G
ClientSampleId :

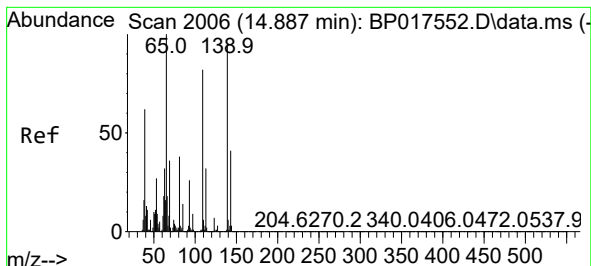
Tgt Ion:153 Resp: 458172
Ion Ratio Lower Upper
153 100
152 48.0 38.3 57.5
154 87.0 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 16.465 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:184 Resp: 43638
Ion Ratio Lower Upper
184 100
63 70.9 51.1 76.7
154 69.1 47.5 71.3

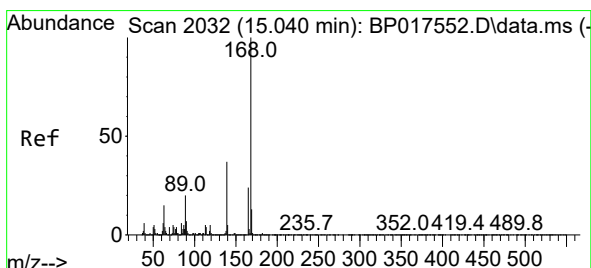
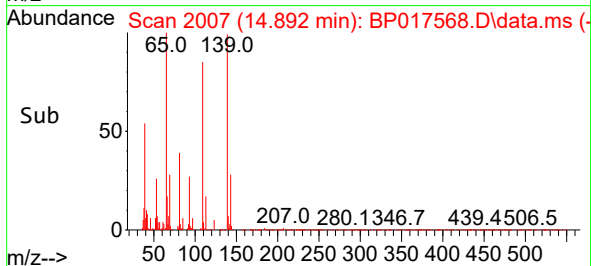
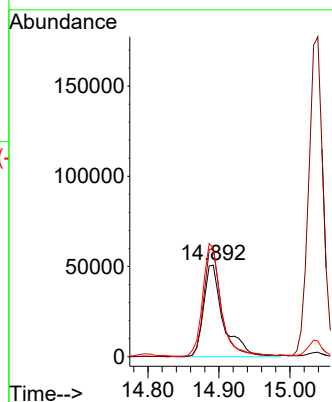
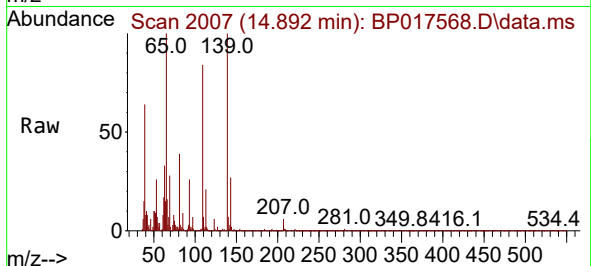




#55
4-Nitrophenol
Concen: 26.365 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

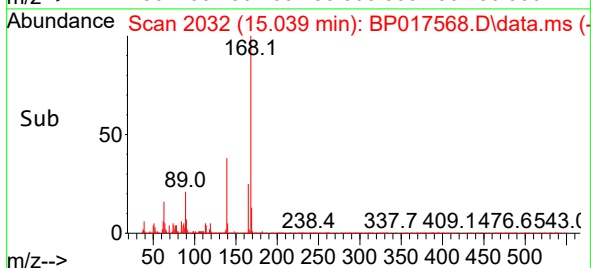
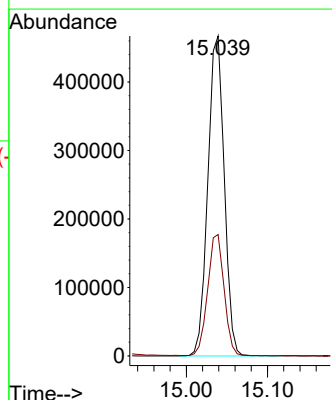
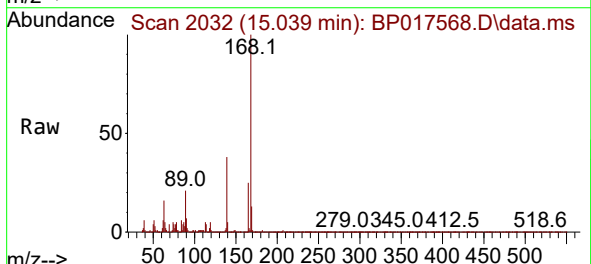
Instrument :
BNA_G
ClientSampleId :

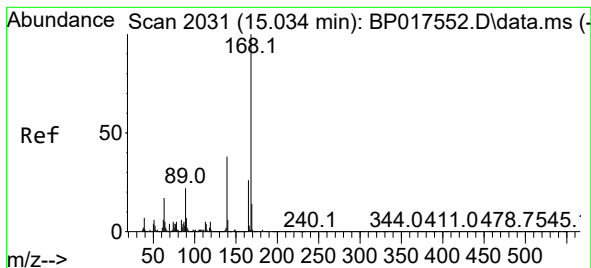
Tgt Ion:109 Resp: 99113
Ion Ratio Lower Upper
109 100
139 118.7 95.5 143.3
65 118.8 97.9 146.9



#56
Dibenzofuran
Concen: 23.101 ng/ul
RT: 15.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:168 Resp: 654221
Ion Ratio Lower Upper
168 100
139 38.0 30.6 45.8

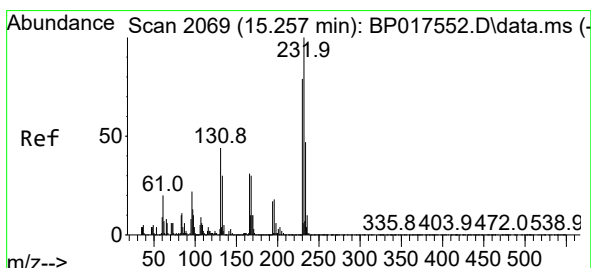
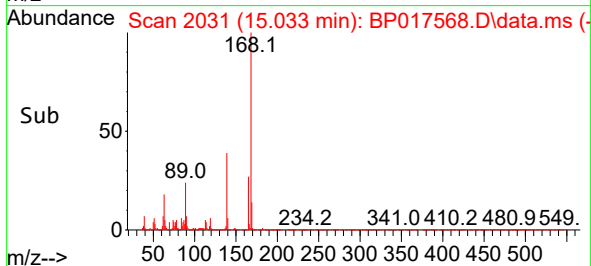
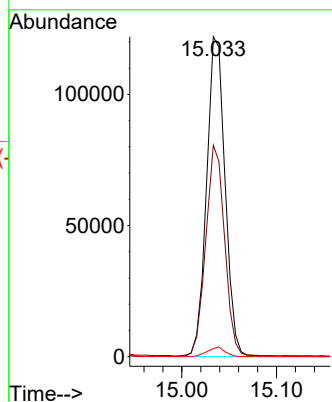
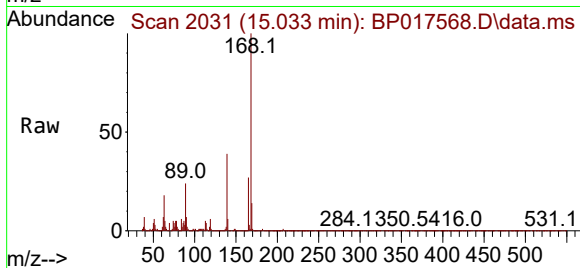




#57
2,4-Dinitrotoluene
Concen: 24.704 ng/ul
RT: 15.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

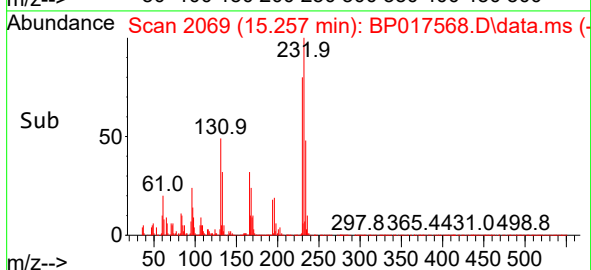
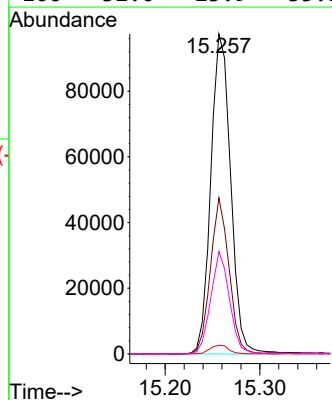
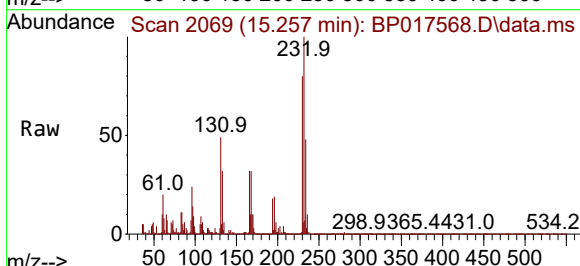
Instrument :
BNA_G
ClientSampleId :

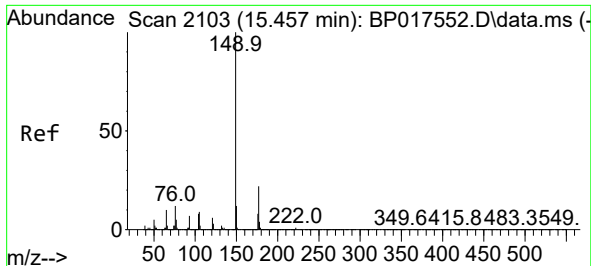
Tgt Ion:165 Resp: 165089
Ion Ratio Lower Upper
165 100
63 66.1 53.4 80.0
182 2.5 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.771 ng/ul
RT: 15.257 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

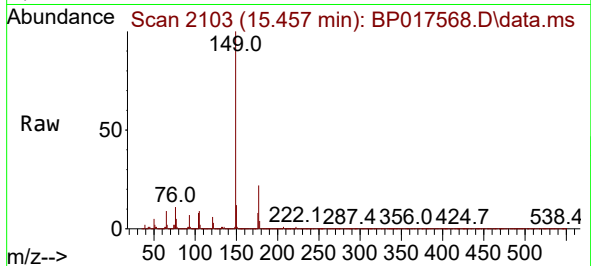
Tgt Ion:232 Resp: 141760
Ion Ratio Lower Upper
232 100
131 48.8 35.0 52.6
130 2.7 1.9 2.9
166 32.0 23.9 35.9



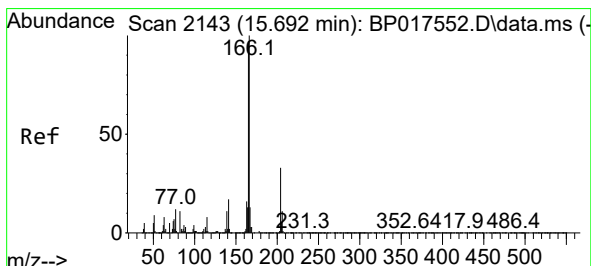
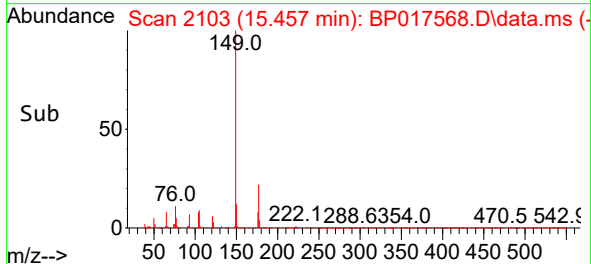
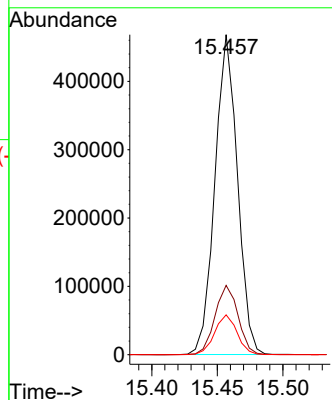


#59
Diethylphthalate
Concen: 23.150 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Instrument :
BNA_G
ClientSampleId :

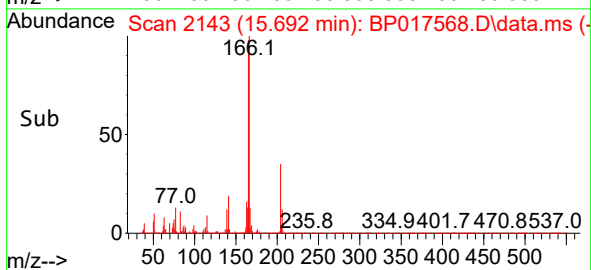
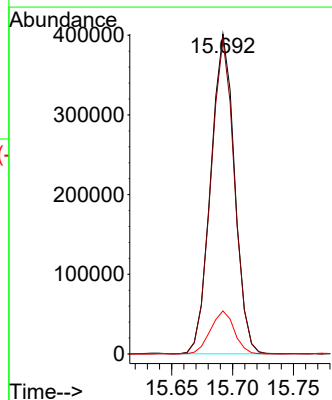
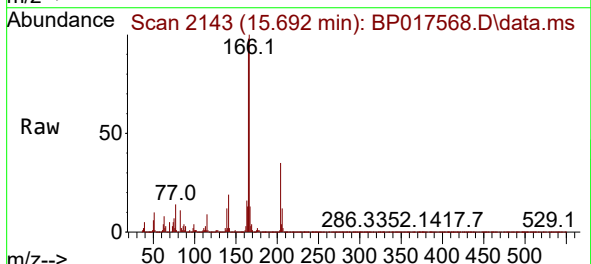


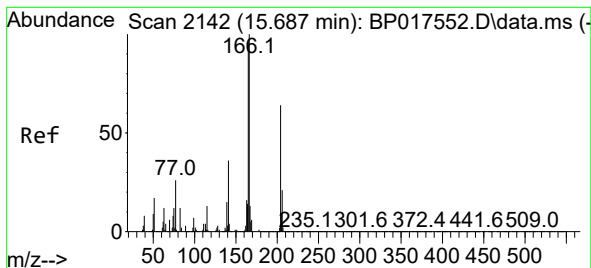
Tgt Ion:149 Resp: 557932
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.4 10.2 15.4



#61
Fluorene
Concen: 23.300 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:166 Resp: 544972
Ion Ratio Lower Upper
166 100
165 98.4 78.9 118.3
167 13.5 11.0 16.4

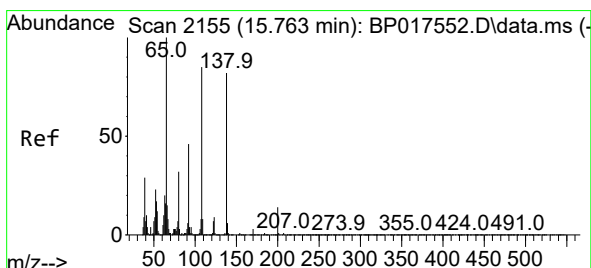
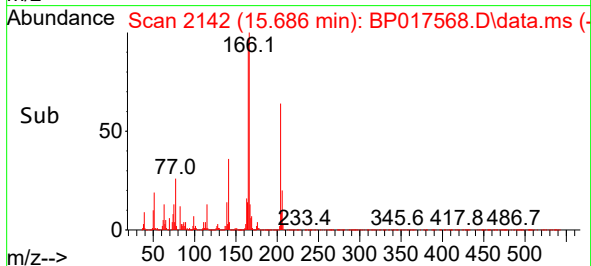
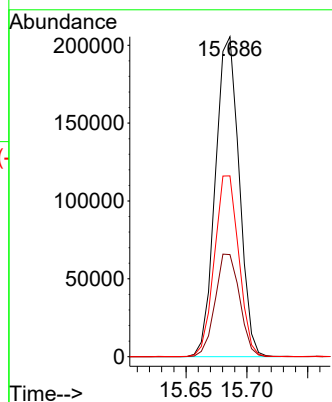
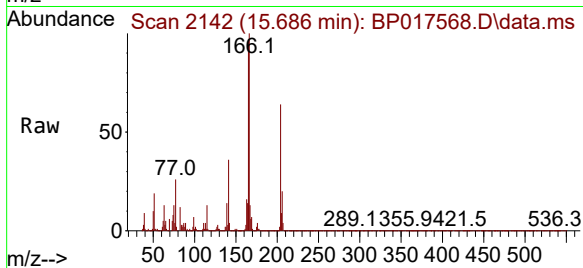




#62
4-Chlorophenyl-phenylether
Concen: 23.350 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

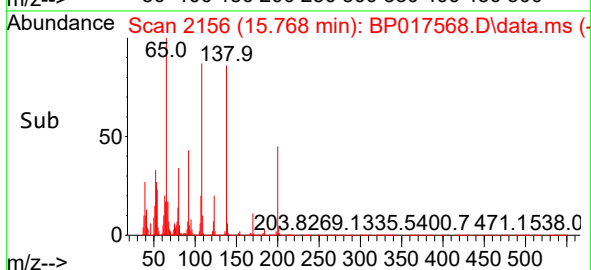
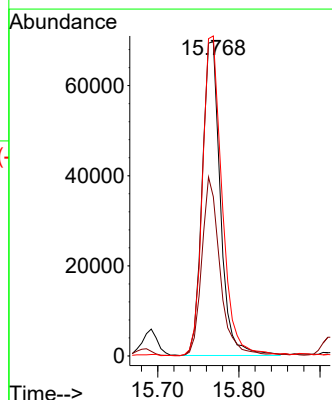
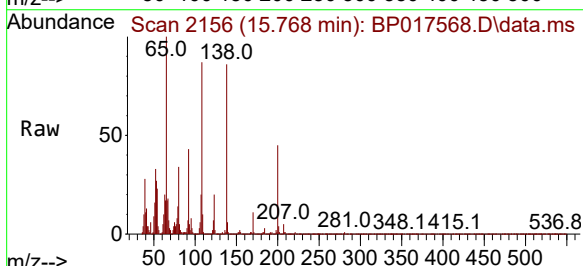
Instrument :
BNA_G
ClientSampleId :

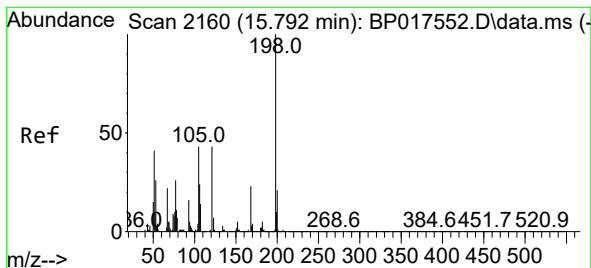
Tgt Ion:204 Resp: 279780
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 56.5 46.9 70.3



#63
4-Nitroaniline
Concen: 26.970 ng/ul
RT: 15.768 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:138 Resp: 108200
Ion Ratio Lower Upper
138 100
92 50.7 44.8 67.2
108 101.8 79.7 119.5

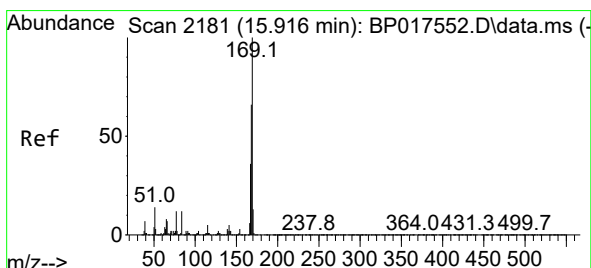
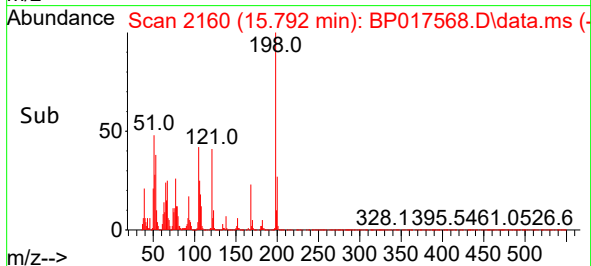
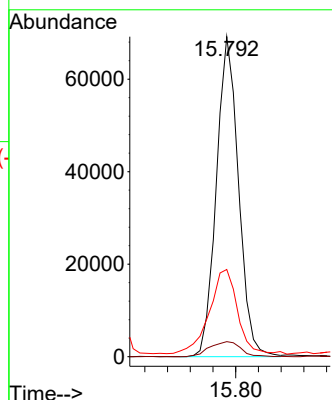
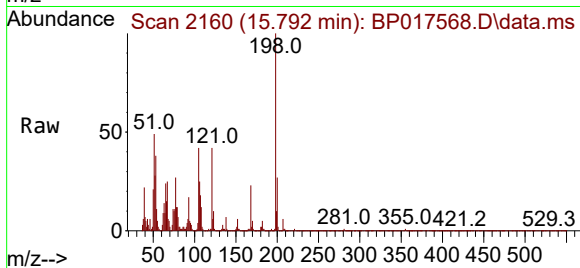




#66
4,6-Dinitro-2-methylphenol
Concen: 19.954 ng/ul
RT: 15.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

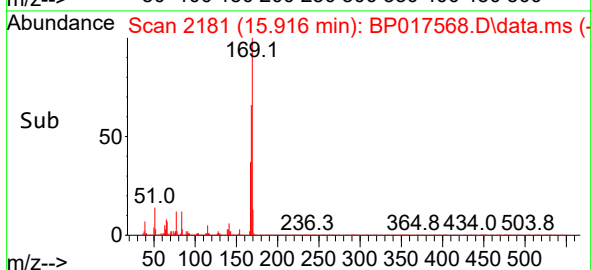
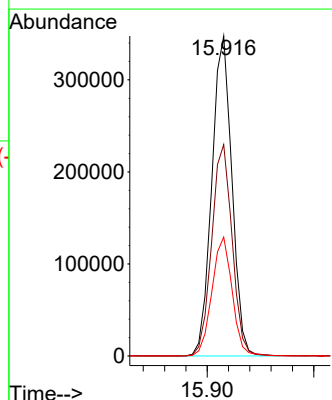
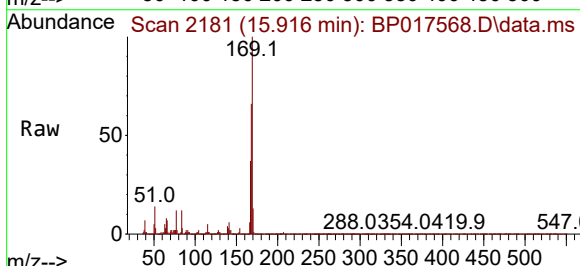
Instrument :
BNA_G
ClientSampleId :

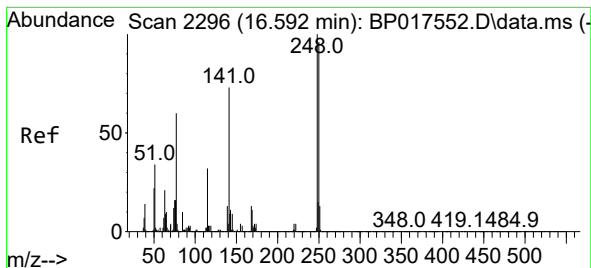
Tgt Ion:198 Resp: 93699
Ion Ratio Lower Upper
198 100
182 4.7 4.2 6.2
77 27.2 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 23.038 ng/ul
RT: 15.916 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:169 Resp: 454177
Ion Ratio Lower Upper
169 100
168 66.1 54.3 81.5
167 37.2 29.7 44.5

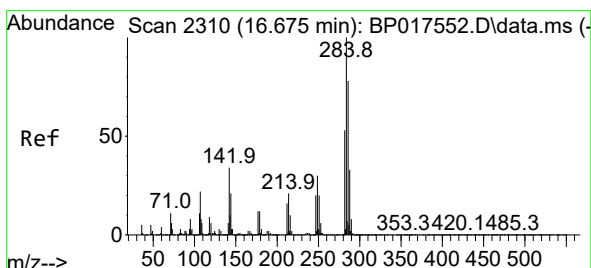
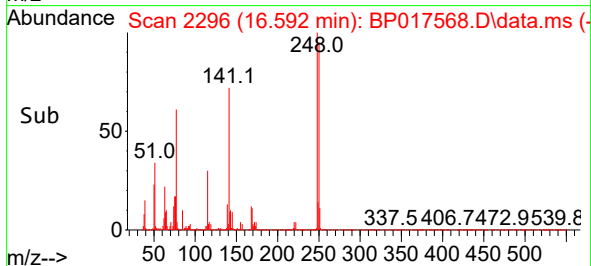
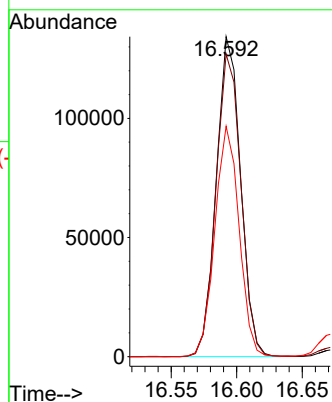
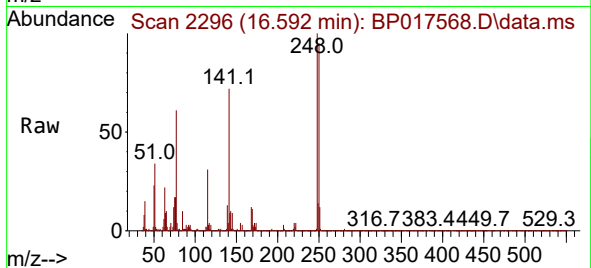




#68
4-Bromophenyl-phenylether
Concen: 23.279 ng/ul
RT: 16.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

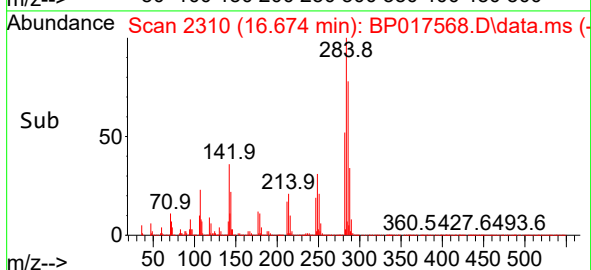
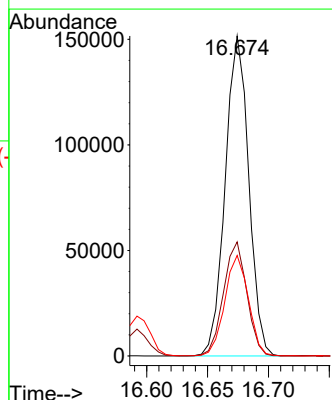
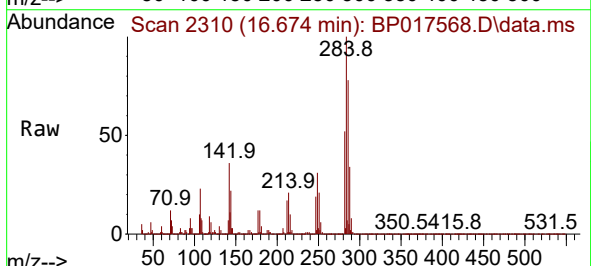
Instrument :
BNA_G
ClientSampleId :

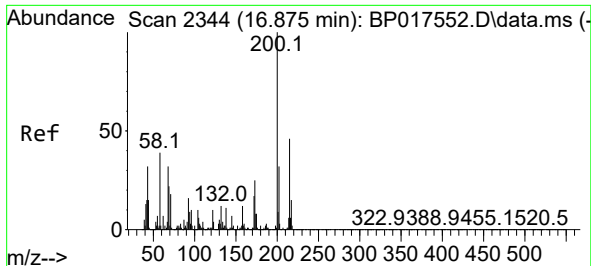
Tgt Ion:248 Resp: 173753
Ion Ratio Lower Upper
248 100
250 94.6 77.0 115.6
141 72.0 57.1 85.7



#69
Hexachlorobenzene
Concen: 23.174 ng/ul
RT: 16.674 min Scan# 2310
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:284 Resp: 203705
Ion Ratio Lower Upper
284 100
142 35.7 27.0 40.6
249 31.4 24.6 36.8

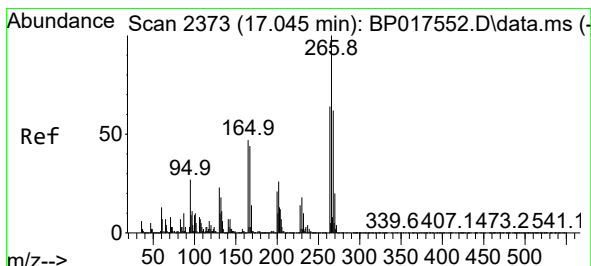
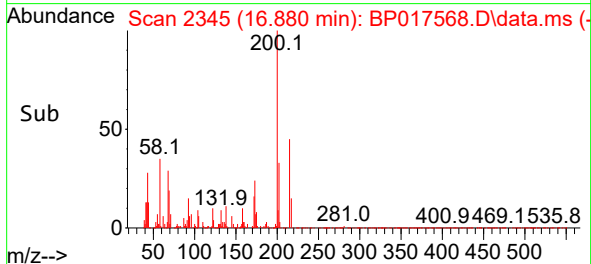
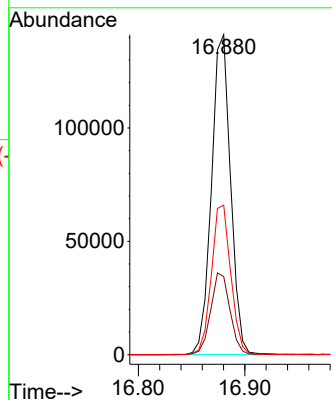
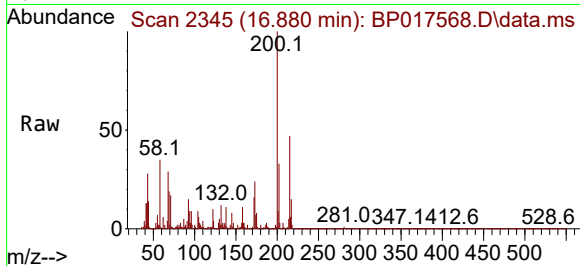




#70
Atrazine
Concen: 23.073 ng/ul
RT: 16.880 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

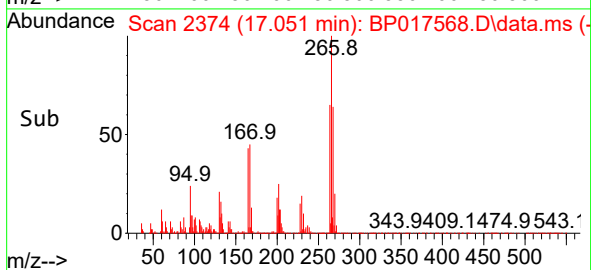
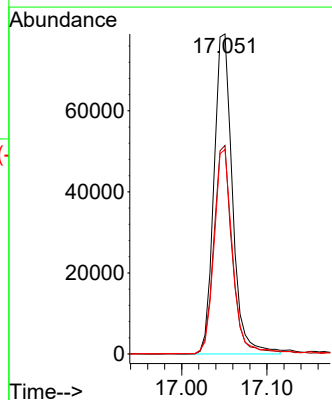
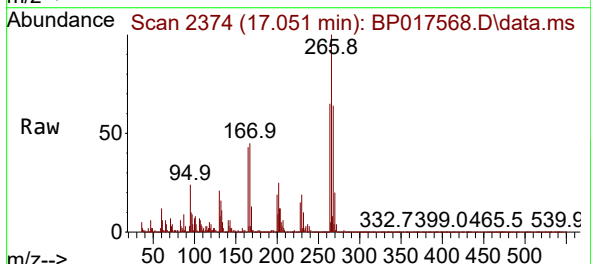
Instrument :
BNA_G
ClientSampleId :

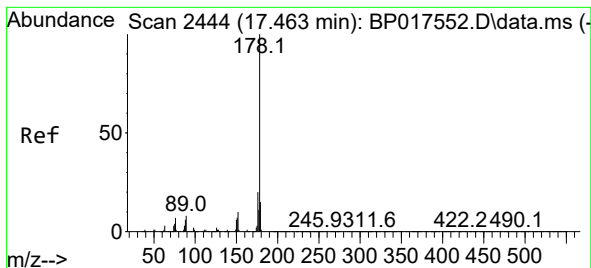
Tgt Ion:200 Resp: 175990
Ion Ratio Lower Upper
200 100
173 24.4 20.6 30.8
215 46.8 40.1 60.1



#71
Pentachlorophenol
Concen: 22.334 ng/ul
RT: 17.051 min Scan# 2374
Delta R.T. -0.000 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:266 Resp: 118843
Ion Ratio Lower Upper
266 100
264 65.2 49.6 74.4
268 63.9 53.0 79.6





#72

Phenanthrene

Concen: 23.333 ng/ul

RT: 17.463 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

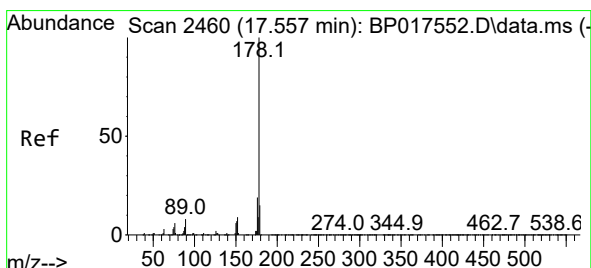
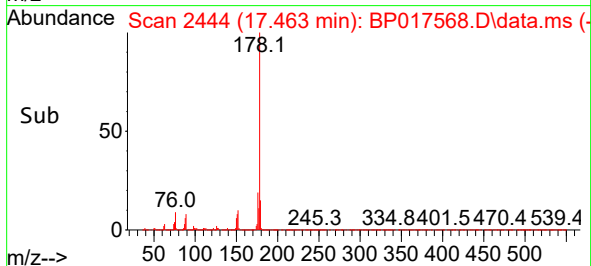
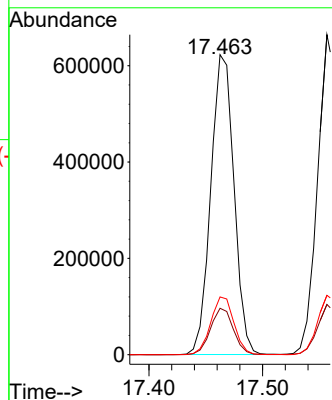
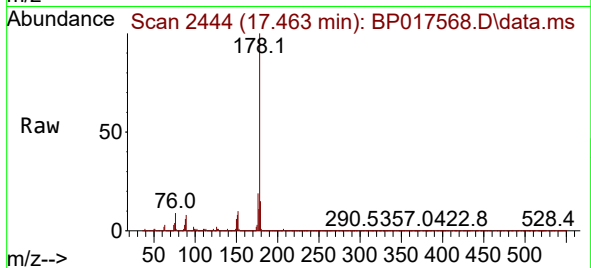
Tgt Ion:178 Resp: 884182

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.3 15.2 22.8



#74

Anthracene

Concen: 23.477 ng/ul

RT: 17.557 min Scan# 2460

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

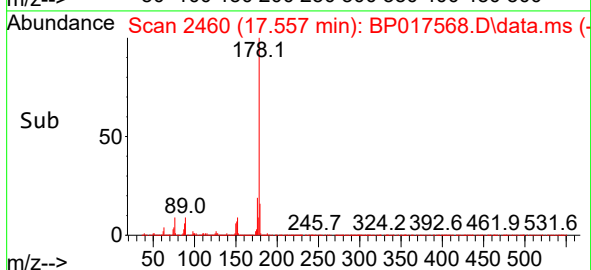
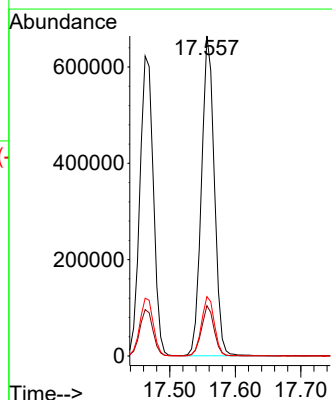
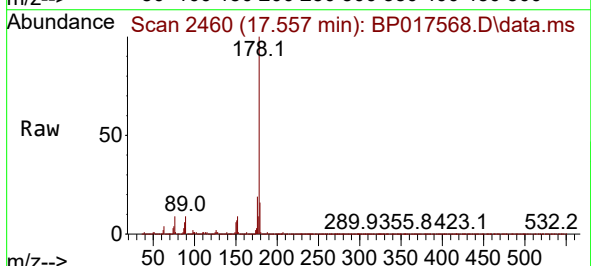
Tgt Ion:178 Resp: 906746

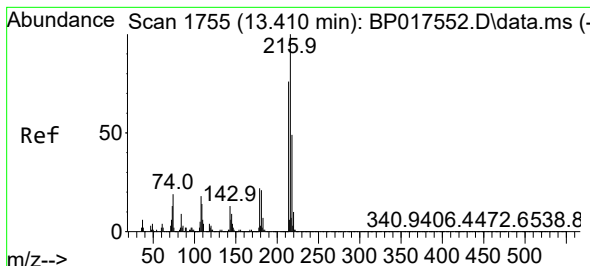
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 18.6 15.0 22.4

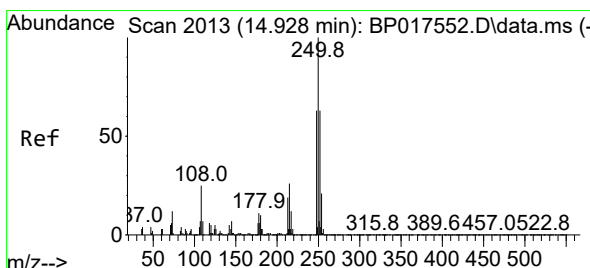
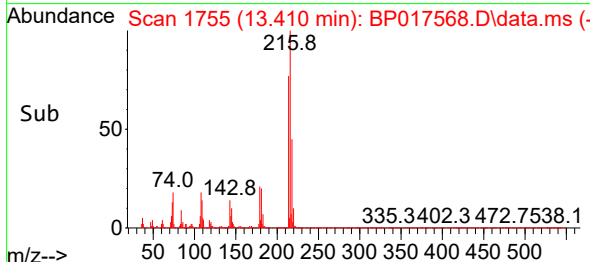
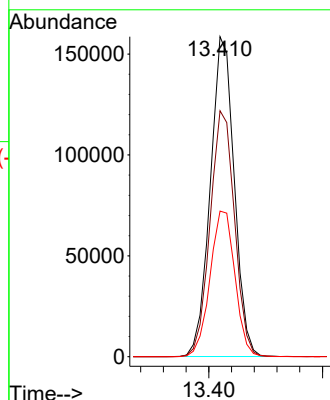
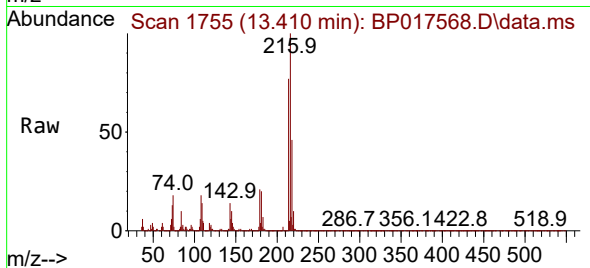




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.268 ng/uL
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

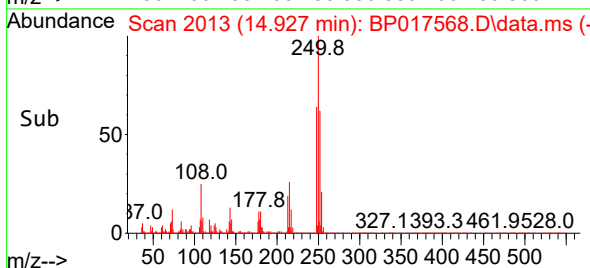
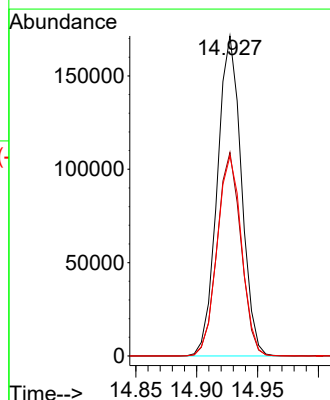
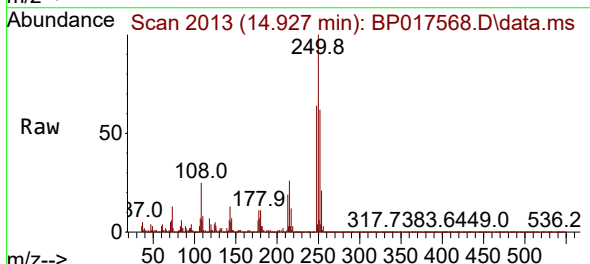
Instrument :
BNA_G
ClientSampleId :

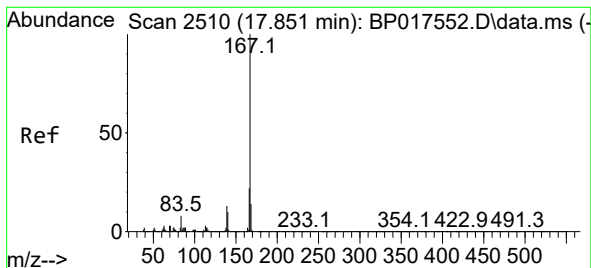
Tgt Ion:216 Resp: 231751
Ion Ratio Lower Upper
216 100
214 76.9 63.4 95.0
218 45.5 38.0 57.0



#76
Pentachlorobenzene
Concen: 22.804 ng/uL
RT: 14.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:250 Resp: 235593
Ion Ratio Lower Upper
250 100
248 63.6 49.1 73.7
252 62.4 51.4 77.2





#77

Carbazole

Concen: 23.715 ng/ul

RT: 17.851 min Scan# 2510

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

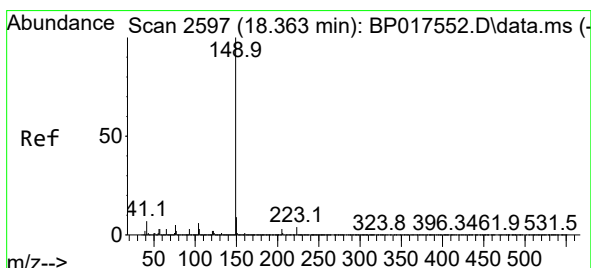
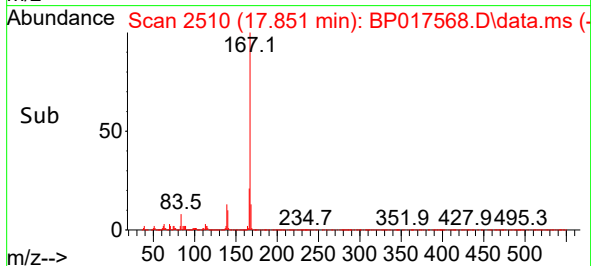
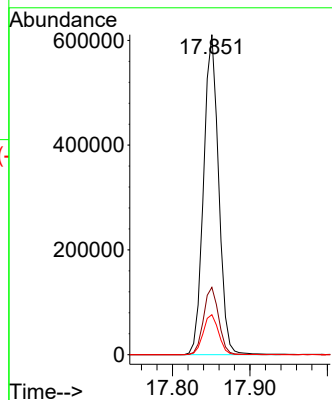
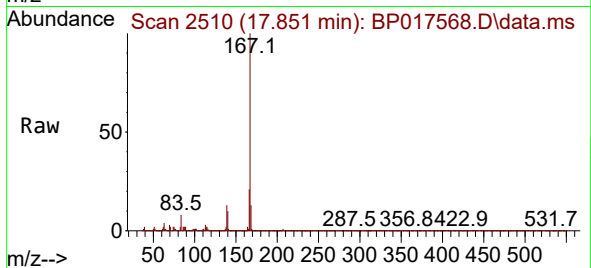
Tgt Ion:167 Resp: 822480

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

139 12.5 9.8 14.6



#78

Di-n-butylphthalate

Concen: 22.918 ng/ul

RT: 18.362 min Scan# 2597

Delta R.T. -0.000 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

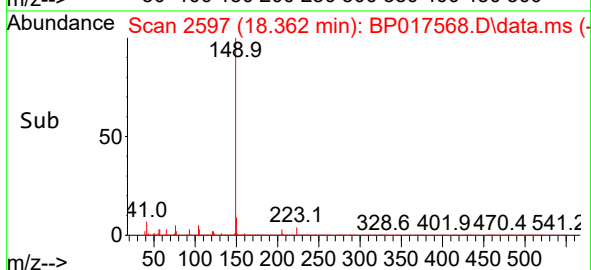
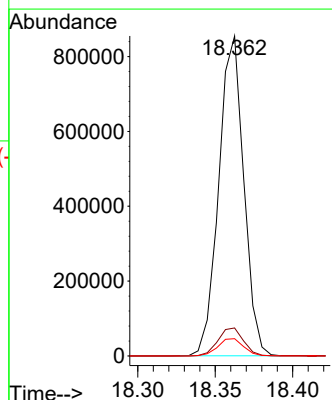
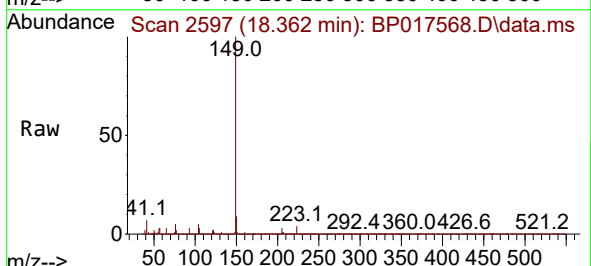
Tgt Ion:149 Resp: 957988

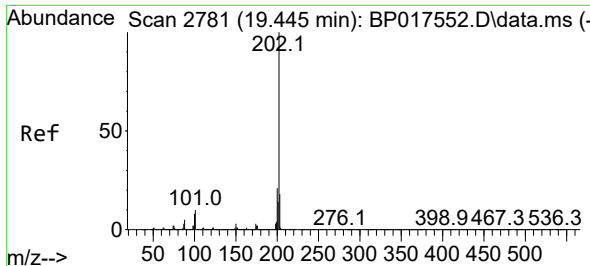
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

104 5.4 4.3 6.5

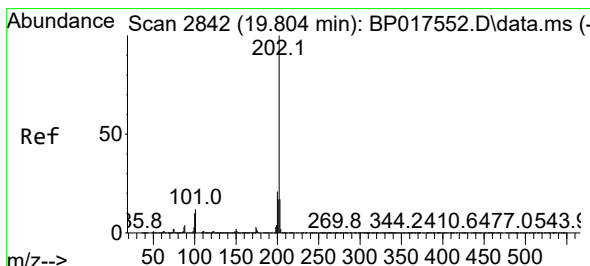
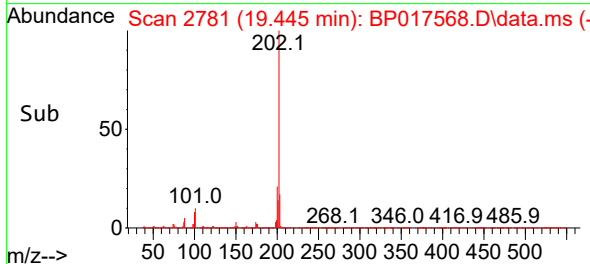
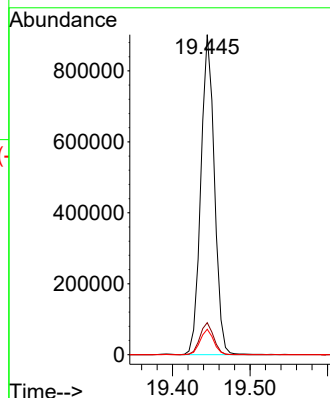
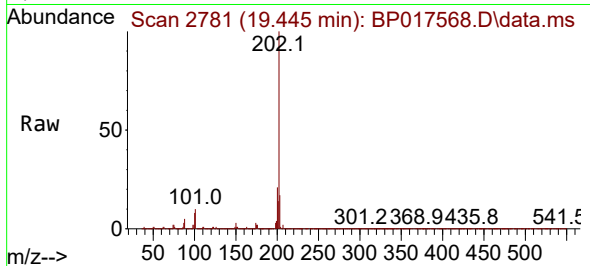




#80
Fluoranthene
Concen: 22.824 ng/ul
RT: 19.445 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

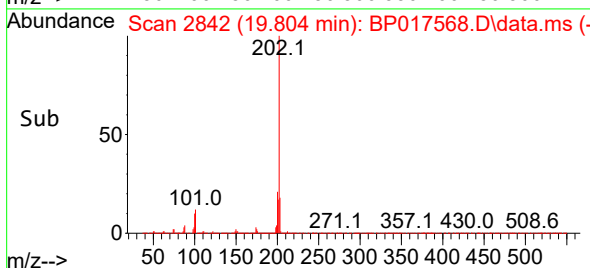
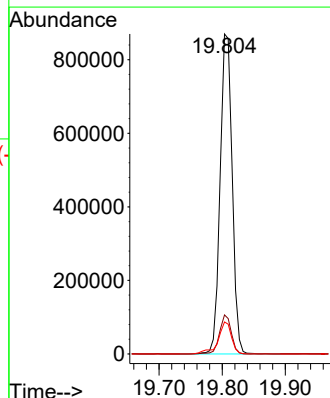
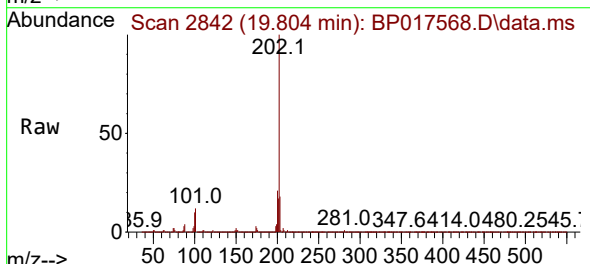
Instrument :
BNA_G
ClientSampleId :

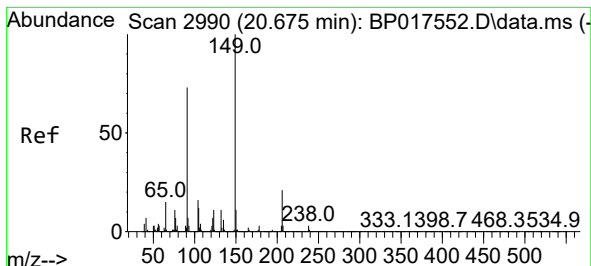
Tgt Ion:202 Resp: 1094554
Ion Ratio Lower Upper
202 100
101 10.0 8.1 12.1
100 8.0 5.9 8.9



#82
Pyrene
Concen: 22.752 ng/ul
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP017568.D
Acq: 05 Oct 2023 16:31

Tgt Ion:202 Resp: 1151213
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 10.0 8.1 12.1





#83

Butylbenzylphthalate

Concen: 23.159 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

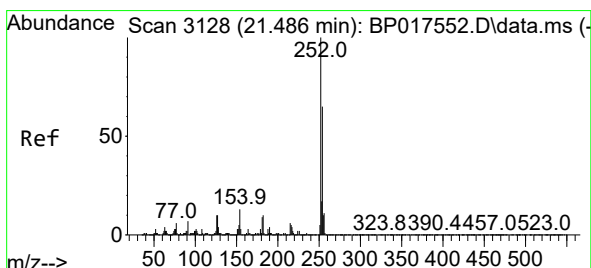
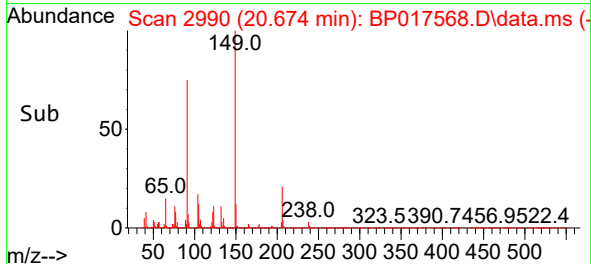
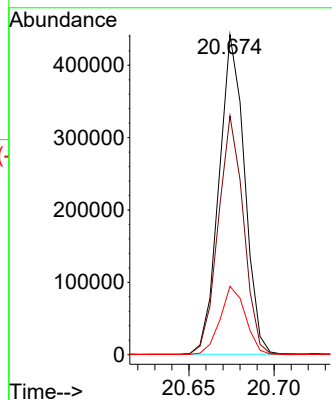
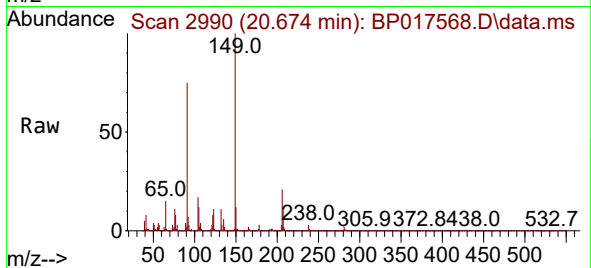
Tgt Ion:149 Resp: 460203

Ion Ratio Lower Upper

149 100

91 74.6 55.8 83.8

206 21.4 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 22.378 ng/ul

RT: 21.486 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

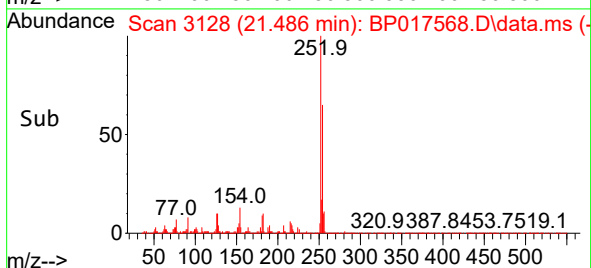
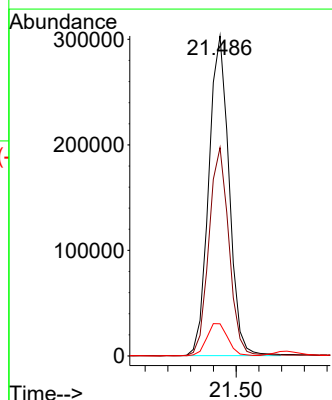
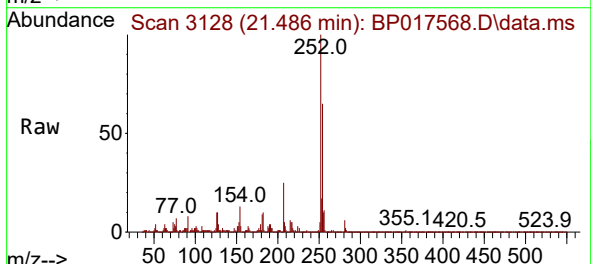
Tgt Ion:252 Resp: 376690

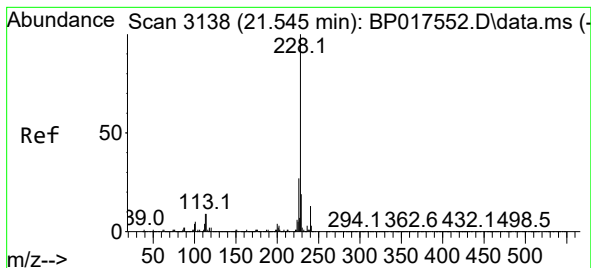
Ion Ratio Lower Upper

252 100

254 65.1 52.0 78.0

126 10.0 8.6 12.8





#85

Benzo(a)anthracene

Concen: 23.222 ng/ul

RT: 21.545 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

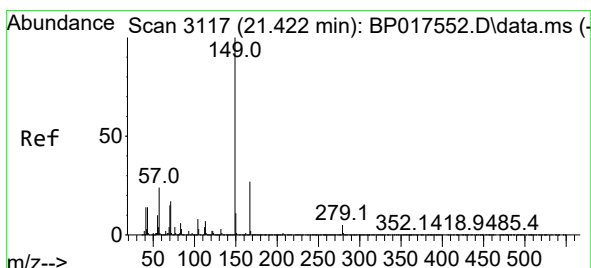
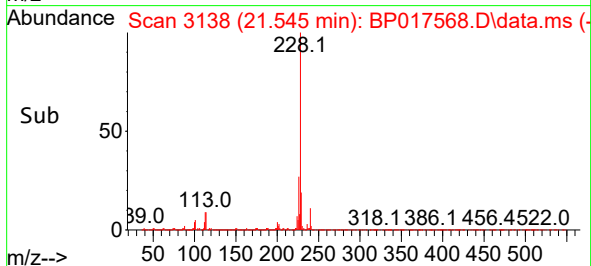
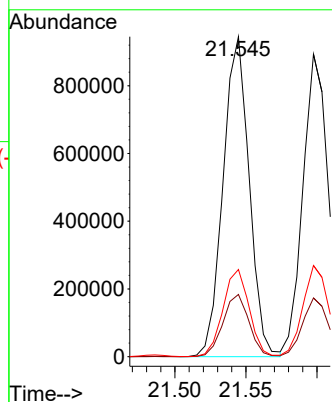
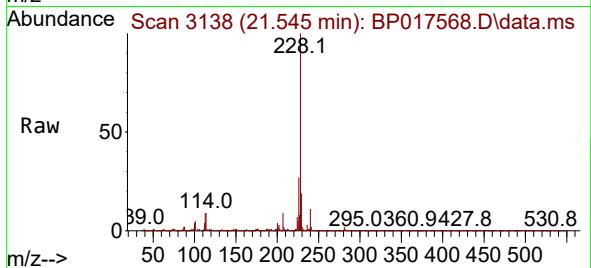
Tgt Ion:228 Resp: 1205286

Ion Ratio Lower Upper

228 100

229 19.5 15.6 23.4

226 27.2 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.887 ng/ul

RT: 21.421 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

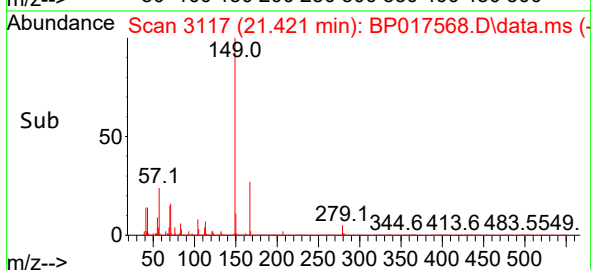
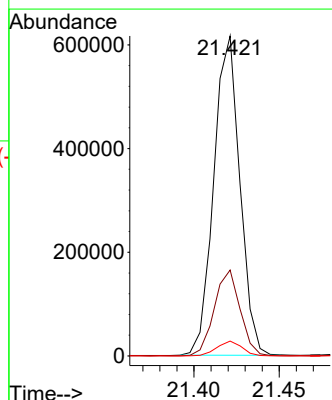
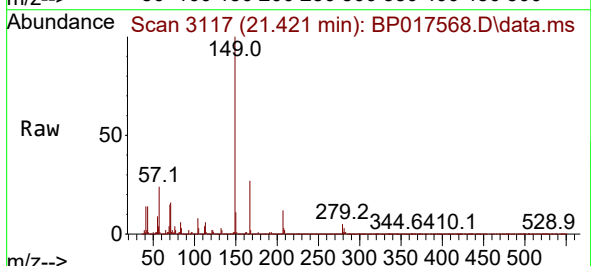
Tgt Ion:149 Resp: 655556

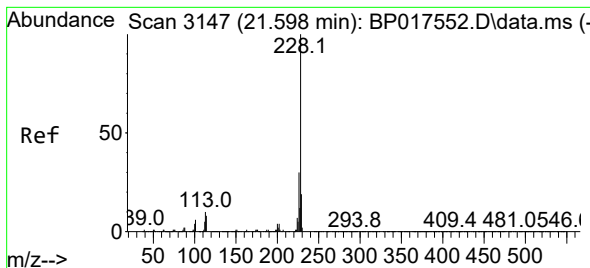
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 4.7 3.4 5.0





#87

Chrysene

Concen: 22.992 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

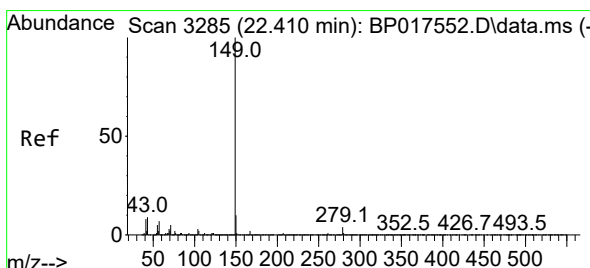
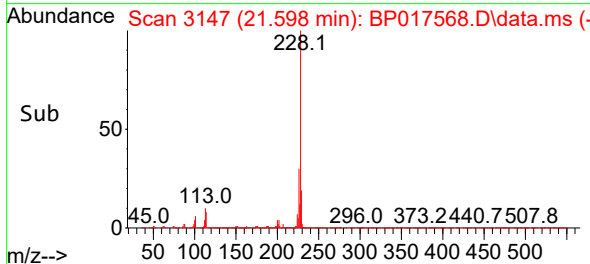
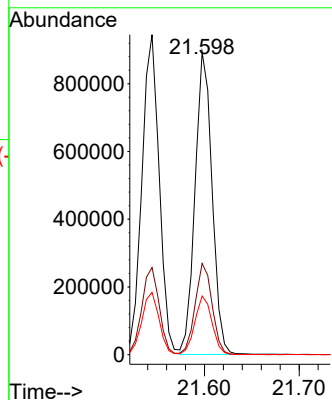
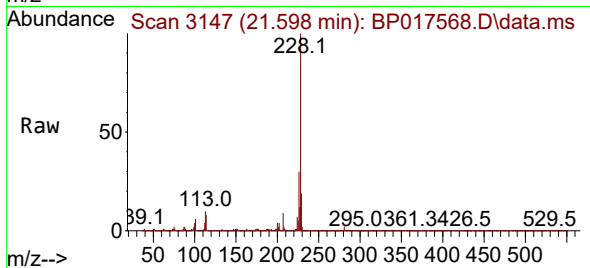
Tgt Ion:228 Resp: 1115452

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.4 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 22.222 ng/ul

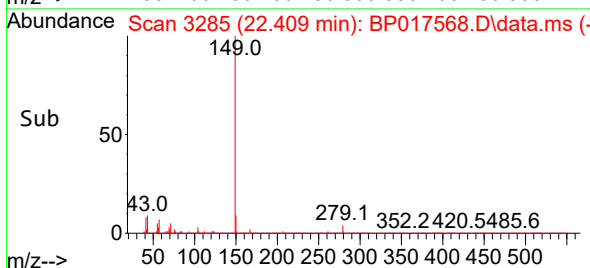
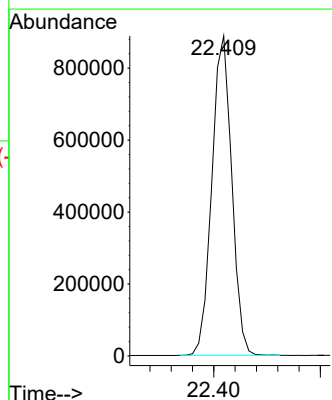
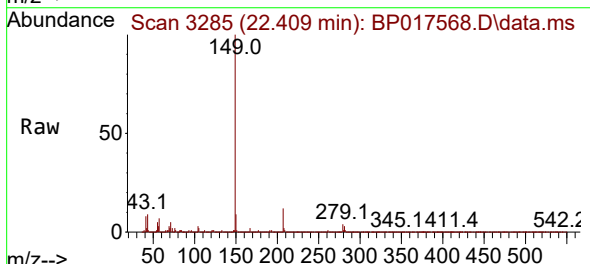
RT: 22.409 min Scan# 3285

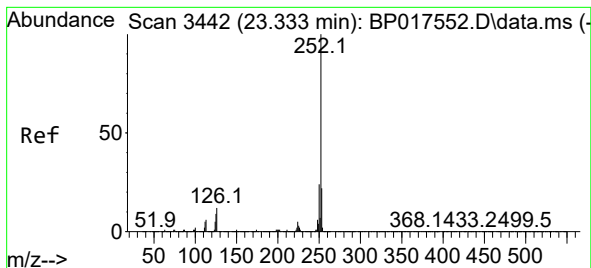
Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Tgt Ion:149 Resp: 1148275





#90

Benzo(b)fluoranthene

Concen: 22.687 ng/ul

RT: 23.339 min Scan# 3442

Delta R.T. -0.000 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

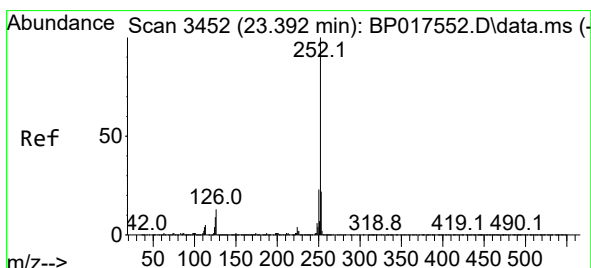
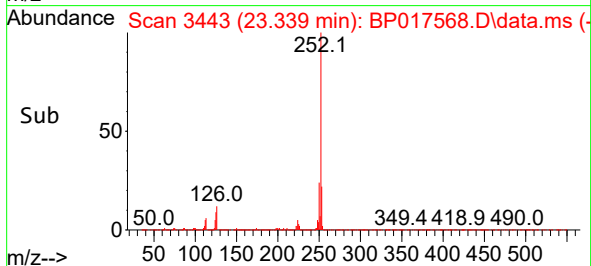
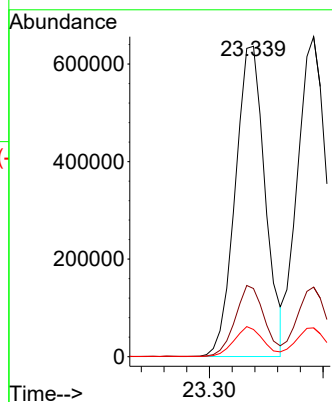
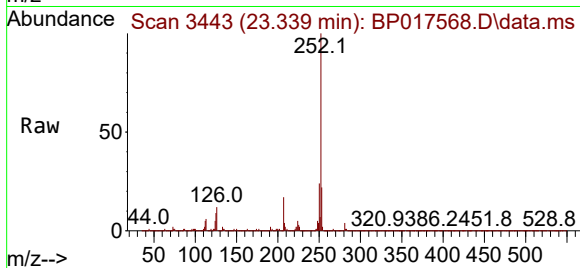
Tgt Ion:252 Resp: 1163317

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 8.8 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 22.868 ng/ul

RT: 23.392 min Scan# 3452

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

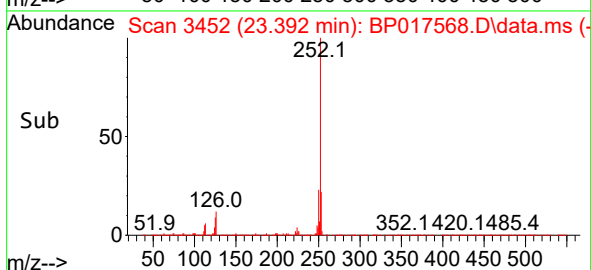
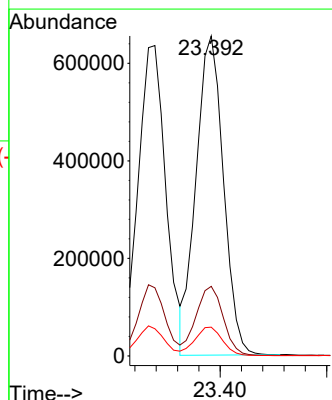
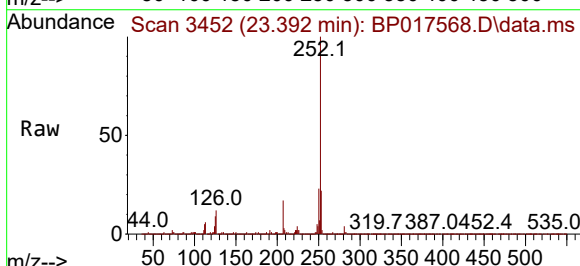
Tgt Ion:252 Resp: 1169101

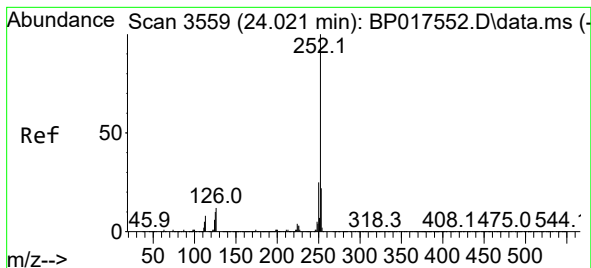
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.0 7.3 10.9





#93

Benzo(a)pyrene

Concen: 23.109 ng/ul

RT: 24.021 min Scan# 3559

Delta R.T. -0.012 min

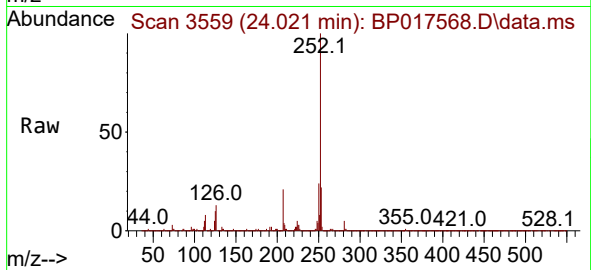
Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :



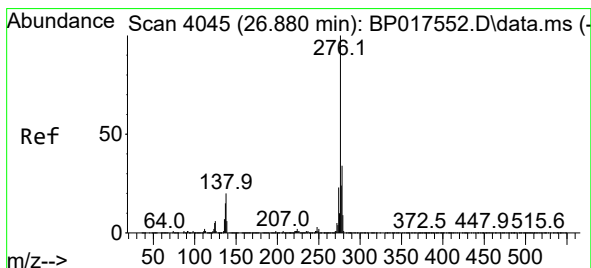
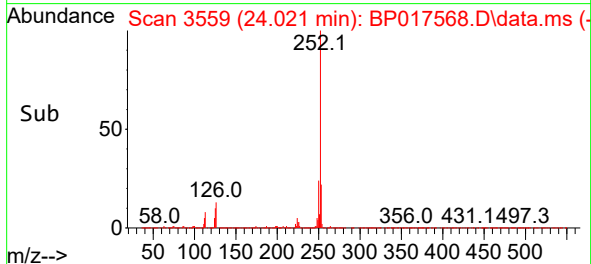
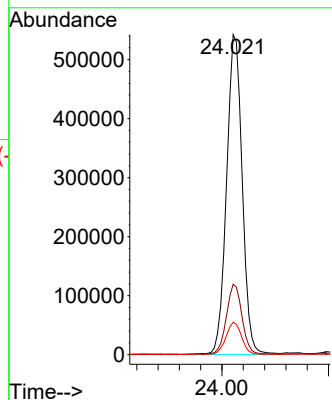
Tgt Ion:252 Resp: 1107785

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.2 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.594 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.012 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

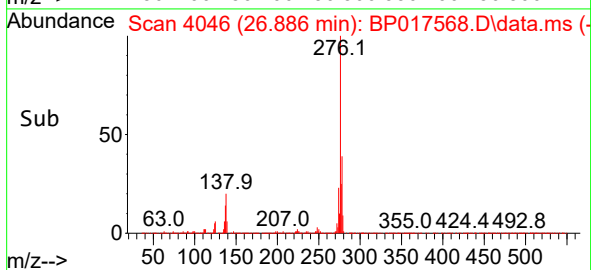
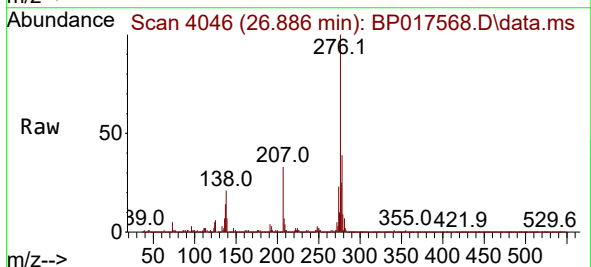
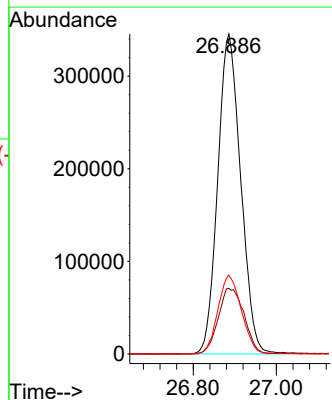
Tgt Ion:276 Resp: 1324066

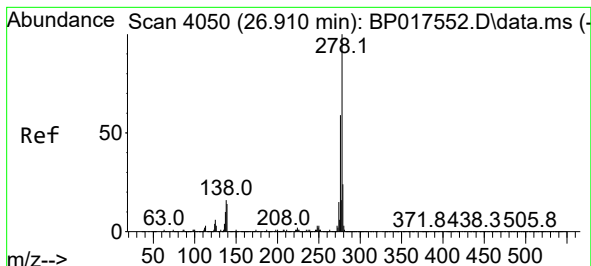
Ion Ratio Lower Upper

276 100

138 20.5 16.6 24.8

277 24.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 22.334 ng/ul

RT: 26.915 min Scan# 4050

Delta R.T. -0.006 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Instrument :

BNA_G

ClientSampleId :

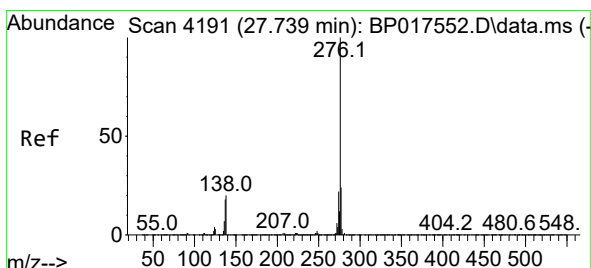
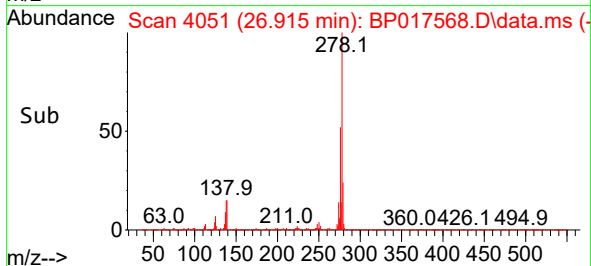
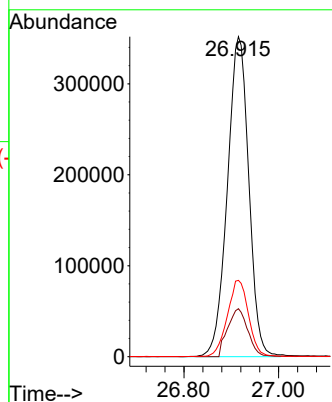
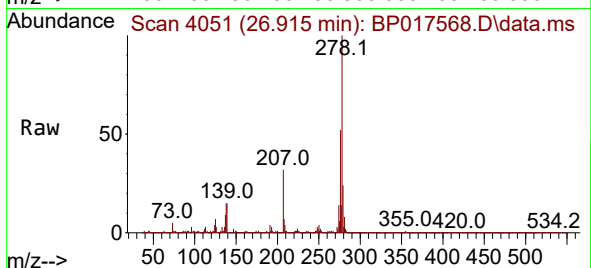
Tgt Ion:278 Resp: 1102847

Ion Ratio Lower Upper

278 100

139 15.0 11.5 17.3

279 23.9 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 22.507 ng/ul

RT: 27.744 min Scan# 4192

Delta R.T. -0.012 min

Lab File: BP017568.D

Acq: 05 Oct 2023 16:31

Tgt Ion:276 Resp: 1058047

Ion Ratio Lower Upper

276 100

138 20.1 16.1 24.1

277 23.5 18.7 28.1

