

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
 Data File : BP017823.D
 Acq On : 26 Oct 2023 03:46
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020796

Quant Time: Oct 26 05:01:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	143447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	549132	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	322795	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	664672	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	571953	20.000	ng/u1	0.00
88) Perylene-d12	24.062	264	582377	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	32108	8.327	ng/uL	0.02
4) Pyridine-d5	3.711	84	205190	20.325	ng/u1	0.02
7) Phenol-d5	7.040	99	255200	21.379	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	163395	22.164	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	211366	21.710	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	200018	21.337	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	96093	21.595	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.804	143	110549	22.486	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	197988	20.529	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.887	131	253477	20.083	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	545064	20.115	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	621105	20.553	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	75893	19.656	ng/u1	0.00
60) Fluorene-d10	15.581	176	453995	19.382	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	78042	17.825	ng/u1	0.00
73) Anthracene-d10	17.469	188	679460	20.004	ng/u1	0.00
81) Pyrene-d10	19.727	212	761689	21.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	655714	20.215	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	35506	8.681	ng/uL	94
5) Pyridine	3.728	79	210153	20.317	ng/u1	96
6) Benzaldehyde	7.046	77	161997	25.227	ng/u1	98
8) Phenol	7.069	94	254036	21.584	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	207730	21.155	ng/u1	98
12) 2-Chlorophenol	7.434	128	213781	21.862	ng/u1	96
13) 2-Methylphenol	8.334	108	189275	21.309	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	143529	11.875	ng/u1	99
16) Acetophenone	8.740	105	310570	21.074	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.704	70	142762	20.423	ng/u1	99
18) 4-Methylphenol	8.669	108	198675	21.062	ng/u1	96
19) Hexachloroethane	8.940	117	100524	22.373	ng/u1	84
22) Nitrobenzene	9.134	77	255362	23.048	ng/u1	99
23) Isophorone	9.640	82	437133	22.064	ng/u1	97
25) 2-Nitrophenol	9.834	139	113747	21.675	ng/u1#	89
26) 2,4-Dimethylphenol	9.875	107	226279	21.969	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.134	93	265553	21.671	ng/u1	98
29) 2,4-Dichlorophenol	10.357	162	191664	20.783	ng/u1	96
30) Naphthalene	10.763	128	645290	20.419	ng/u1	99
32) 4-Chloroaniline	10.910	127	242699	20.081	ng/u1	99
33) Hexachlorobutadiene	10.981	225	138695	18.522	ng/u1	98
34) Caprolactam	11.751	113	45999	19.371	ng/u1	98
35) 4-Chloro-3-methylphenol	12.022	107	193010	22.231	ng/u1	92
36) 2-Methylnaphthalene	12.381	142	429219	20.107	ng/u1	97

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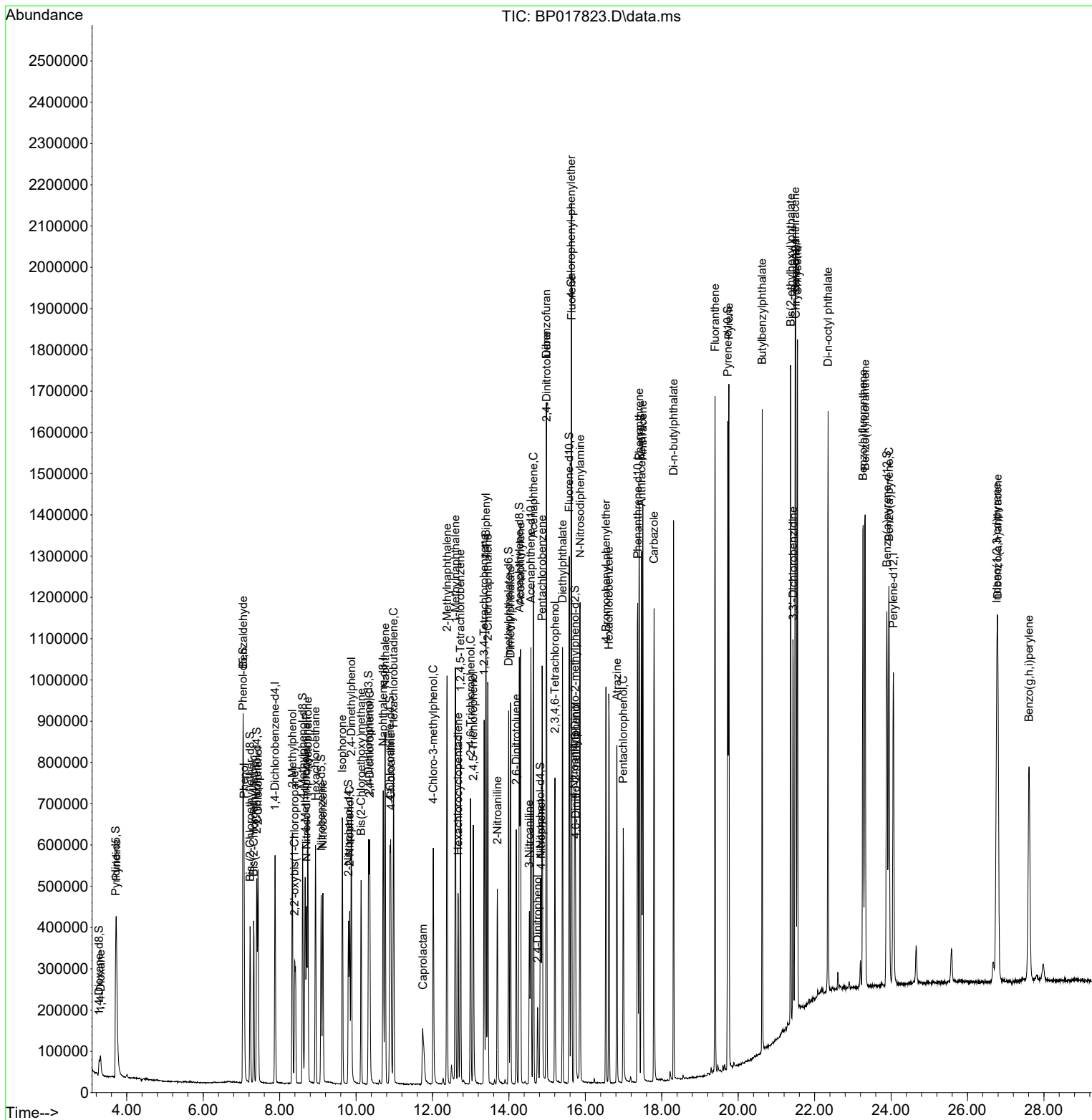
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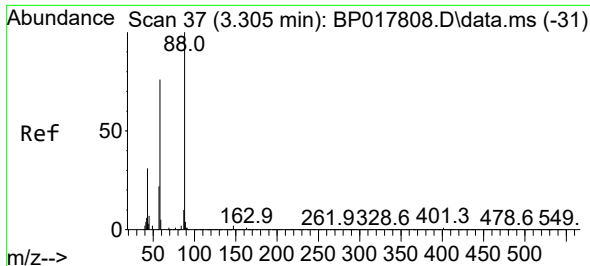
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	431193	19.752	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.734	216	231890	19.414	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	115637	16.851	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	146526	20.441	ng/ul	94
42) 2,4,5-Trichlorophenol	13.069	196	153959	20.774	ng/ul	97
43) 1,1'-Biphenyl	13.398	154	551521	20.739	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	435634	20.264	ng/ul	96
45) 2-Nitroaniline	13.698	65	122488	25.073	ng/ul	91
47) Dimethylphthalate	14.039	163	531700	19.909	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	103264	21.007	ng/ul	89
50) Acenaphthylene	14.304	152	697265	20.598	ng/ul	99
51) 3-Nitroaniline	14.534	138	99224	21.224	ng/ul	98
52) Acenaphthene	14.639	153	459439	20.077	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	40513	14.682	ng/ul#	83
55) 4-Nitrophenol	14.839	109	92608	22.658	ng/ul	89
56) Dibenzofuran	14.981	168	633418	19.715	ng/ul	92
57) 2,4-Dinitrotoluene	14.986	165	152280	20.990	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	122811	18.673	ng/ul#	89
59) Diethylphthalate	15.404	149	532626	20.656	ng/ul	98
61) Fluorene	15.639	166	515959	19.551	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	258854	18.454	ng/ul#	90
63) 4-Nitroaniline	15.716	138	94130	22.323	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.745	198	82779	17.653	ng/ul	94
67) N-Nitrosodiphenylamine	15.863	169	417971	20.757	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	145052	18.651	ng/ul#	87
69) Hexachlorobenzene	16.616	284	158131	17.711	ng/ul#	86
70) Atrazine	16.828	200	144225	19.488	ng/ul	100
71) Pentachlorophenol	16.992	266	91559	17.057	ng/ul	99
72) Phenanthrene	17.410	178	775699	19.922	ng/ul	99
74) Anthracene	17.504	178	795268	20.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	229647	20.591	ng/ul	98
76) Pentachlorobenzene	14.869	250	203410	18.819	ng/ul	97
77) Carbazole	17.798	167	676030	20.283	ng/ul	97
78) Di-n-butylphthalate	18.310	149	868718	22.451	ng/ul	99
80) Fluoranthene	19.392	202	888393	21.563	ng/ul	97
82) Pyrene	19.757	202	921133	21.103	ng/ul	98
83) Butylbenzylphthalate	20.627	149	378910	25.239	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	249926	19.341	ng/ul	99
85) Benzo(a)anthracene	21.492	228	879967	20.238	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	540456	25.789	ng/ul	99
87) Chrysene	21.551	228	810621	19.715	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	919112	24.916	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	811992	20.487	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	804871	20.037	ng/ul	99
93) Benzo(a)pyrene	23.945	252	757389	20.355	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.768	276	863669	19.475	ng/ul	97
95) Dibenzo(a,h)anthracene	26.792	278	711927	19.240	ng/ul	98
96) Benzo(g,h,i)perylene	27.609	276	687226	19.234	ng/ul	97

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

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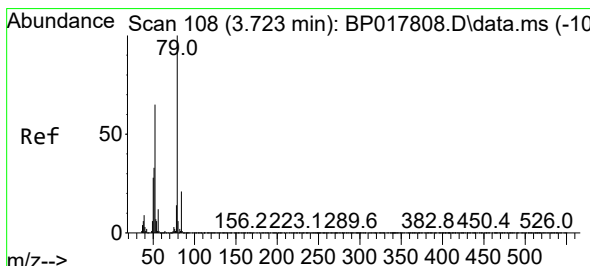
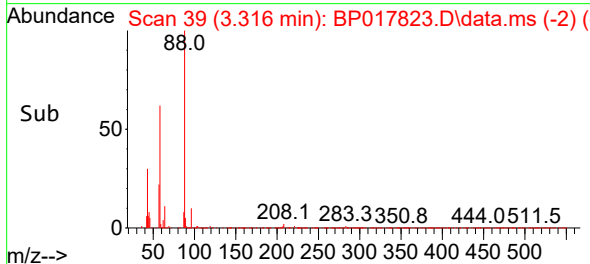
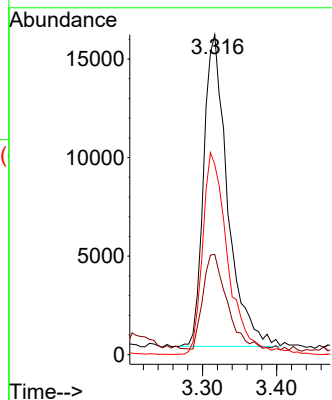
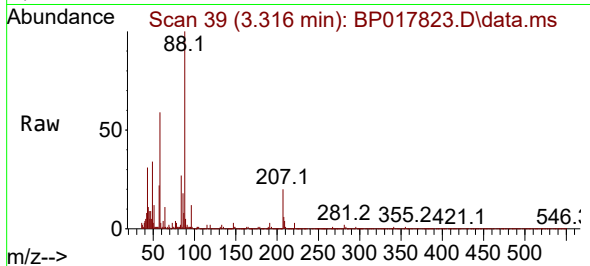




#2
1,4-Dioxane
Concen: 8.681 ng/uL
RT: 3.316 min Scan# 39
Delta R.T. 0.017 min
Lab File: BP017823.D
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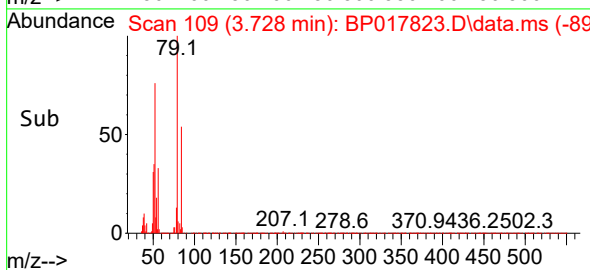
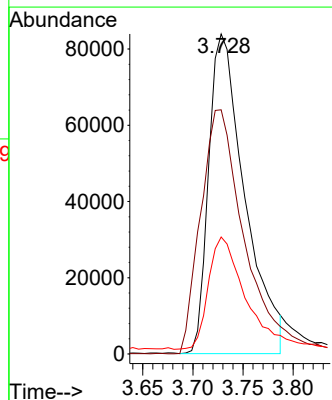
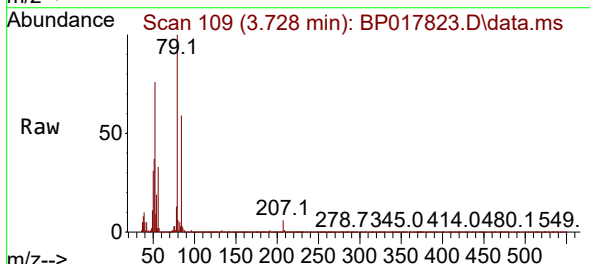
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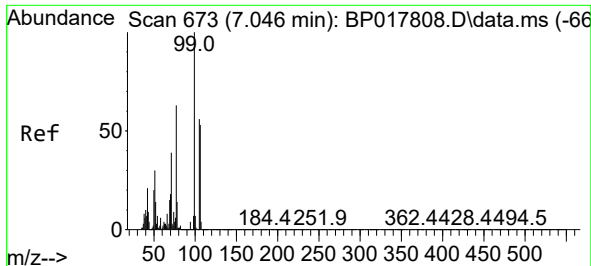
Tgt Ion: 88 Resp: 35506
Ion Ratio Lower Upper
88 100
43 31.4 24.4 36.6
58 59.4 53.0 79.6



#5
Pyridine
Concen: 20.317 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.017 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion: 79 Resp: 210153
Ion Ratio Lower Upper
79 100
52 76.3 57.2 85.8
51 36.6 28.6 42.8

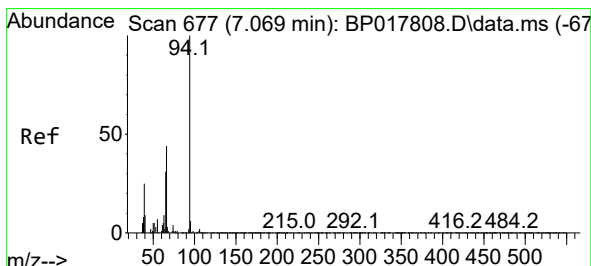
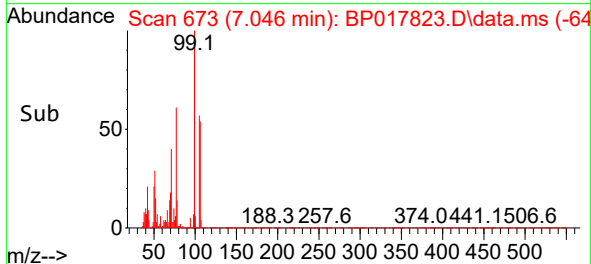
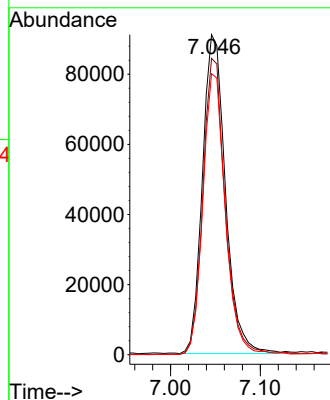
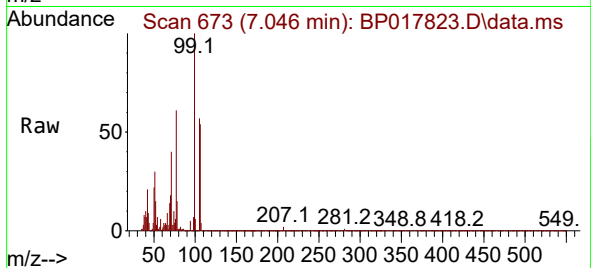




#6
Benzaldehyde
Concen: 25.227 ng/ul
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

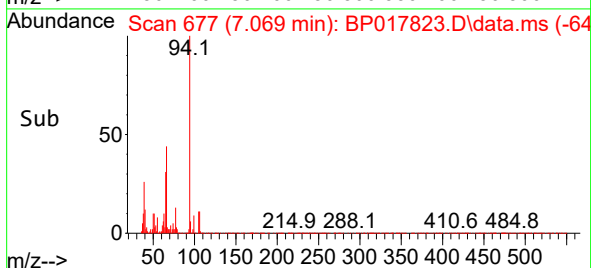
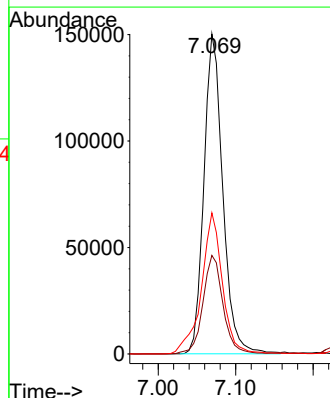
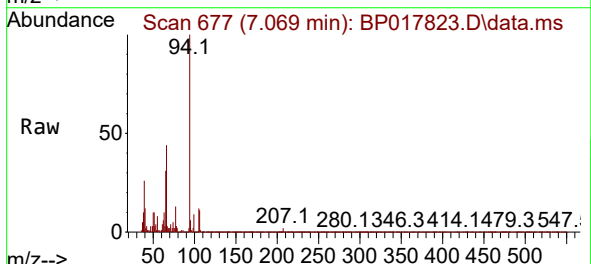
Instrument :
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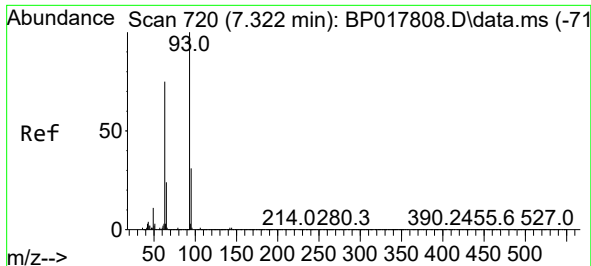
Tgt Ion: 77 Resp: 161997
Ion Ratio Lower Upper
77 100
105 92.6 75.4 113.2
106 87.8 72.3 108.5



#8
Phenol
Concen: 21.584 ng/ul
RT: 7.069 min Scan# 677
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion: 94 Resp: 254036
Ion Ratio Lower Upper
94 100
65 30.8 25.0 37.4
66 44.1 33.0 49.6

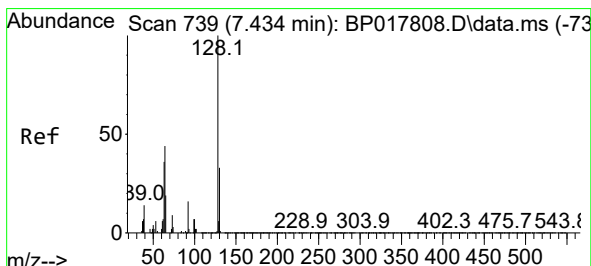
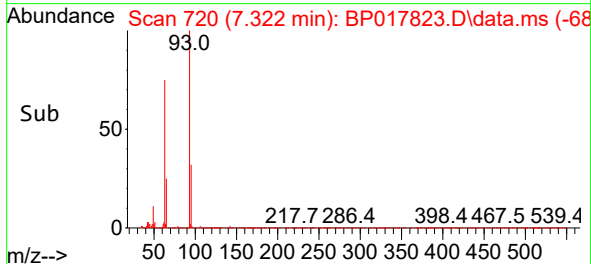
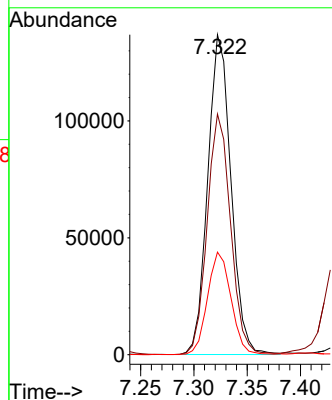
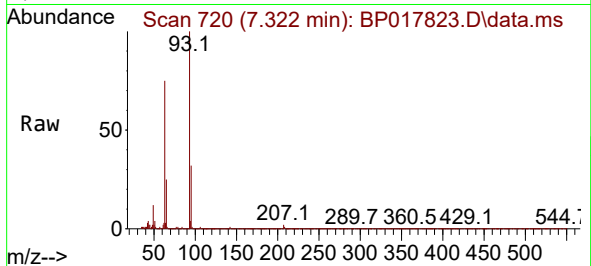




#10
Bis(2-Chloroethyl)ether
Concen: 21.155 ng/ul
RT: 7.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

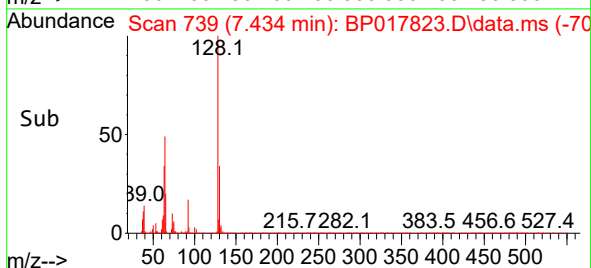
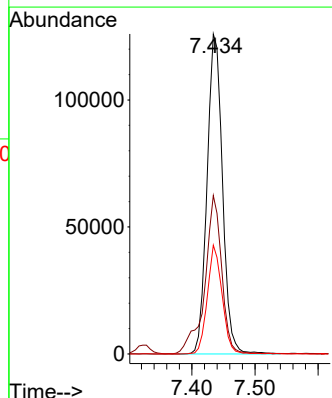
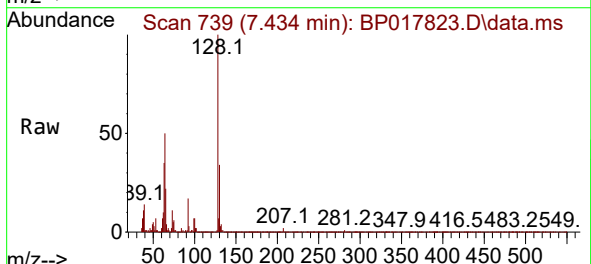
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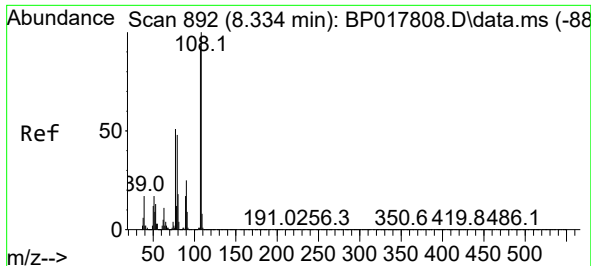
Tgt Ion: 93 Resp: 207730
Ion Ratio Lower Upper
93 100
63 75.2 60.7 91.1
95 32.1 27.8 41.6



#12
2-Chlorophenol
Concen: 21.862 ng/ul
RT: 7.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:128 Resp: 213781
Ion Ratio Lower Upper
128 100
64 49.5 36.7 55.1
130 34.0 26.2 39.2





#13

2-Methylphenol

Concen: 21.309 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

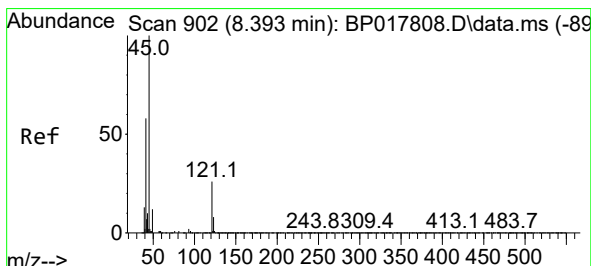
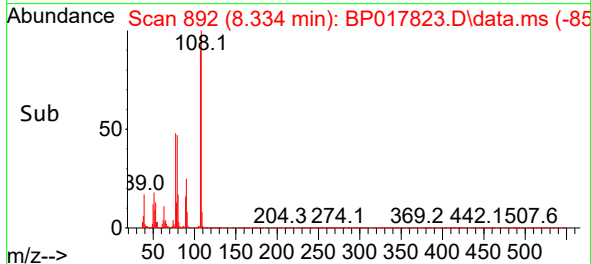
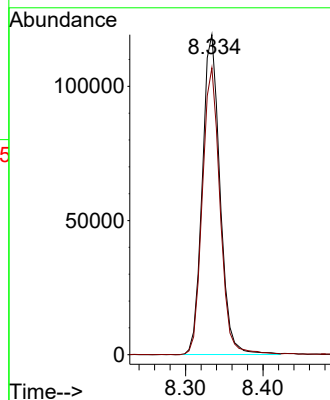
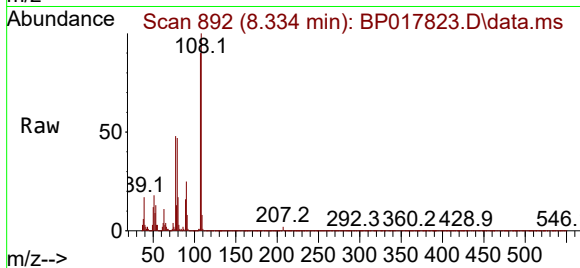
SSTD020796

Tgt Ion:108 Resp: 189275

Ion Ratio Lower Upper

108 100

107 89.6 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.875 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.012 min

Lab File: BP017823.D

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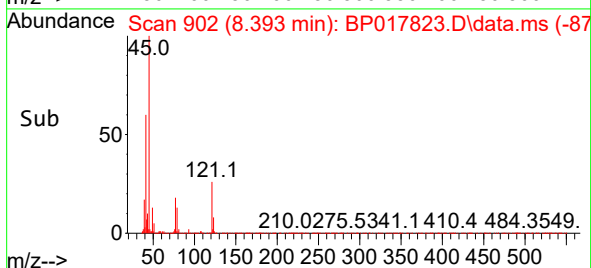
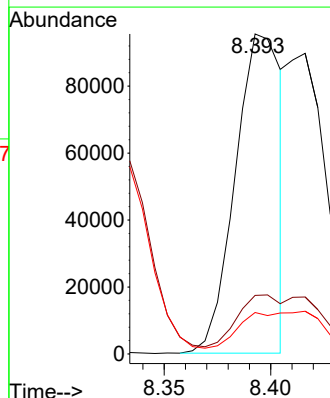
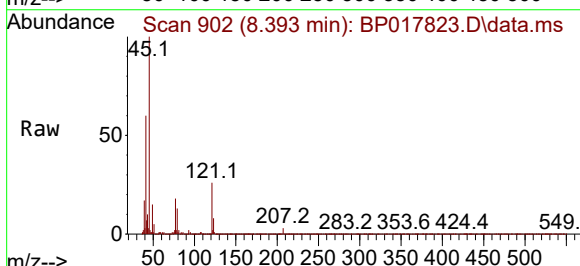
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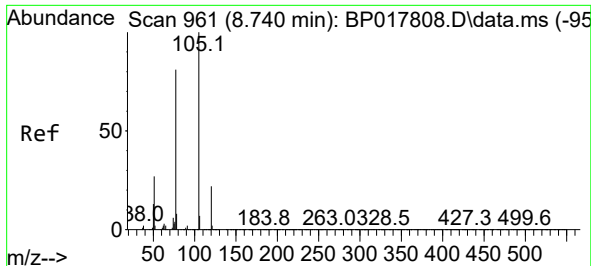
Ion Ratio Lower Upper

45 100

77 18.3 14.2 21.4

79 13.0 10.3 15.5

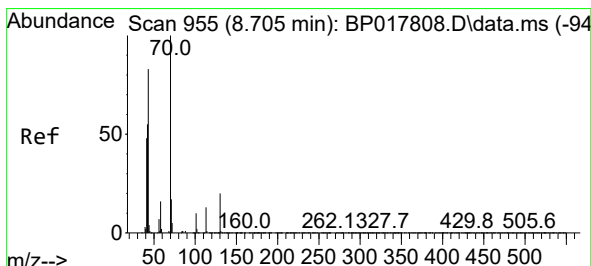
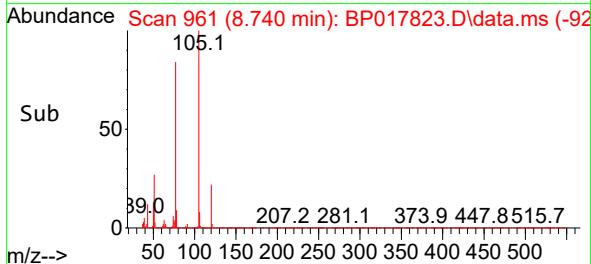
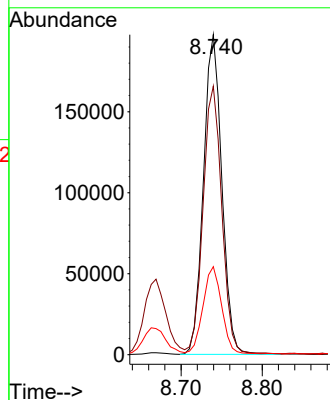
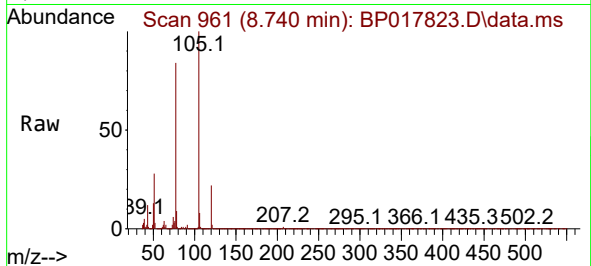




#16
Acetophenone
Concen: 21.074 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
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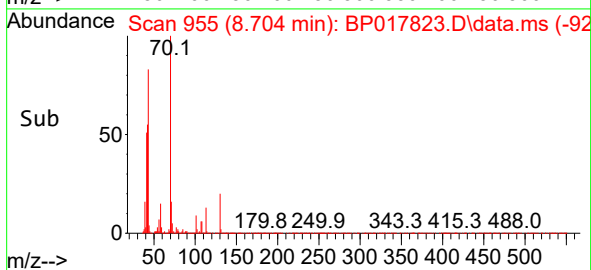
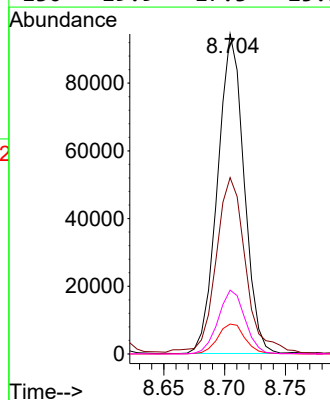
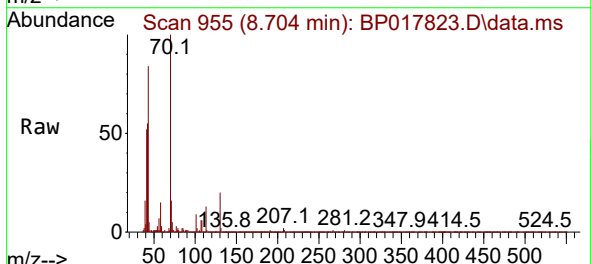
Instrument :
BNA_P
ClientSampleId :
SSTD020796

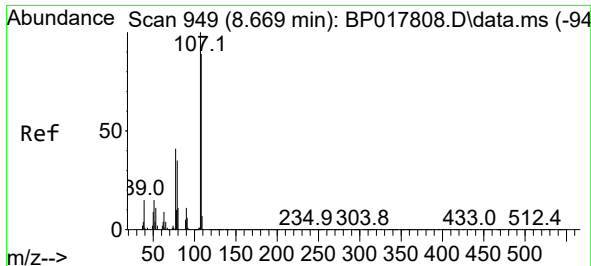
Tgt Ion:105 Resp: 310570
Ion Ratio Lower Upper
105 100
77 83.9 64.4 96.6
51 27.5 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.423 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion: 70 Resp: 142762
Ion Ratio Lower Upper
70 100
42 55.1 44.6 66.8
101 9.3 7.5 11.3
130 19.9 17.3 25.9

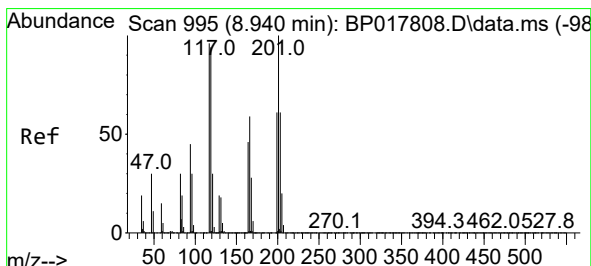
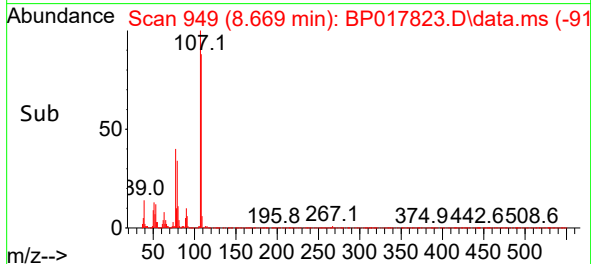
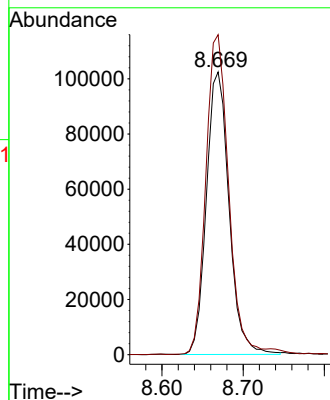
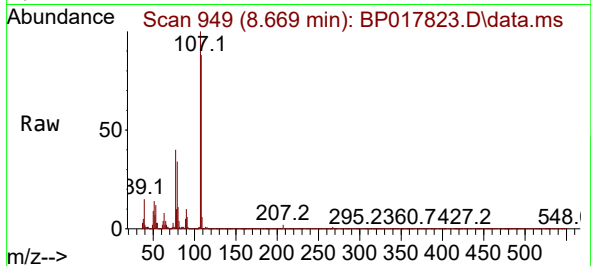




#18
4-Methylphenol
Concen: 21.062 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

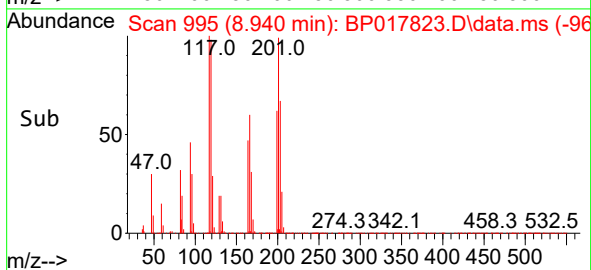
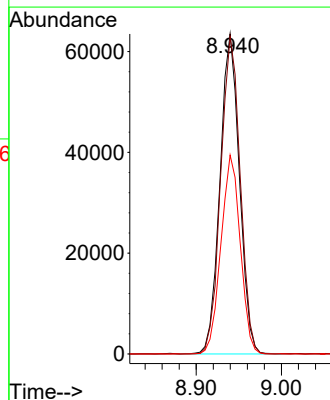
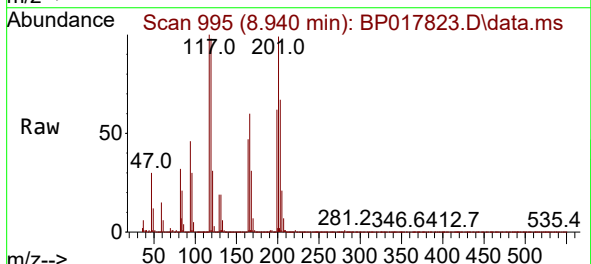
Instrument :
BNA_P
ClientSampleId :
SSTD020796

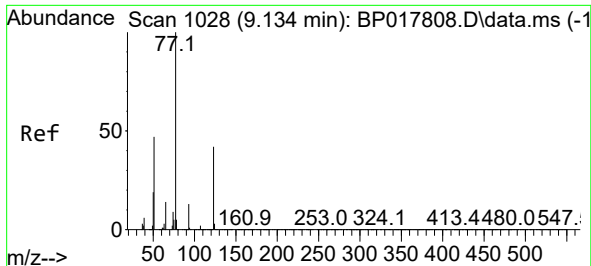
Tgt Ion:108 Resp: 198675
Ion Ratio Lower Upper
108 100
107 113.2 87.5 131.3



#19
Hexachloroethane
Concen: 22.373 ng/ul
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:117 Resp: 100524
Ion Ratio Lower Upper
117 100
201 99.3 96.3 144.5
199 62.2 57.7 86.5

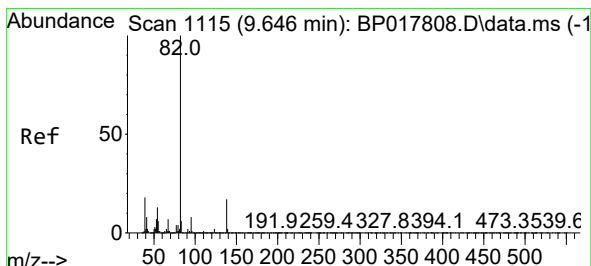
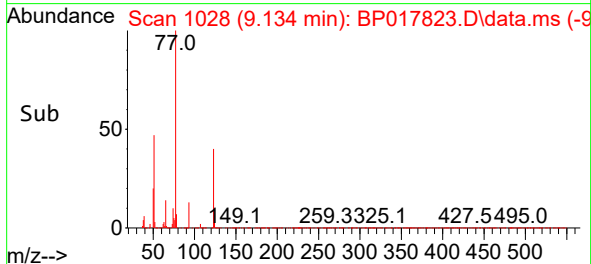
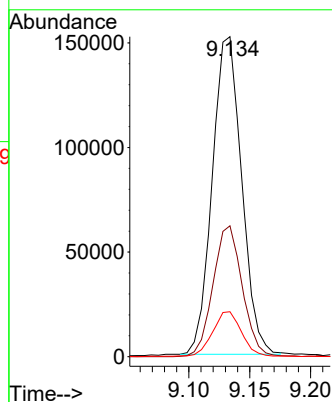
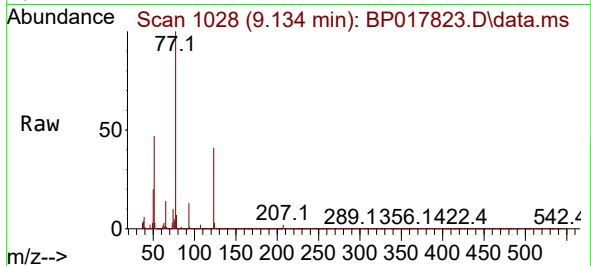




#22
Nitrobenzene
Concen: 23.048 ng/ul
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

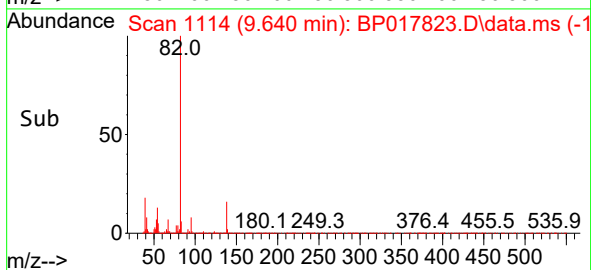
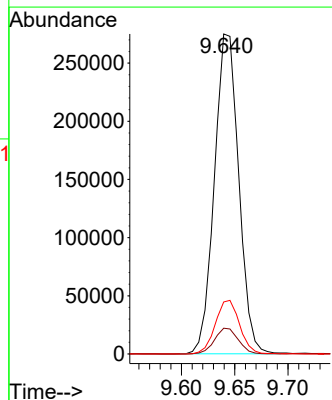
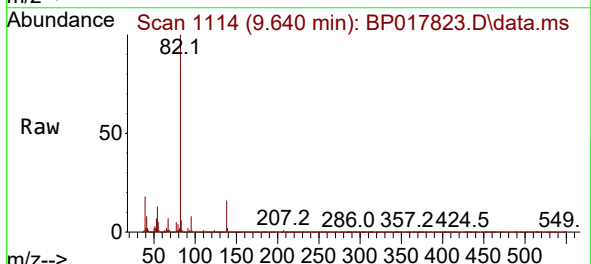
Instrument :
BNA_P
ClientSampleId :
SSTD020796

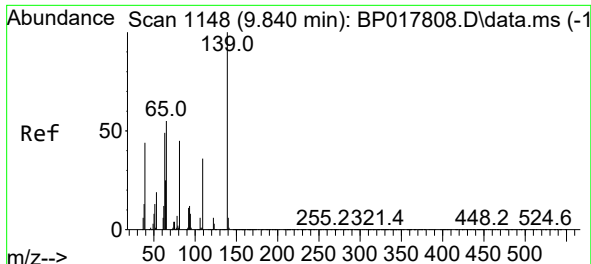
Tgt Ion: 77 Resp: 255362
Ion Ratio Lower Upper
77 100
123 40.9 33.5 50.3
65 14.0 10.8 16.2



#23
Isophorone
Concen: 22.064 ng/ul
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion: 82 Resp: 437133
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 16.2 14.4 21.6

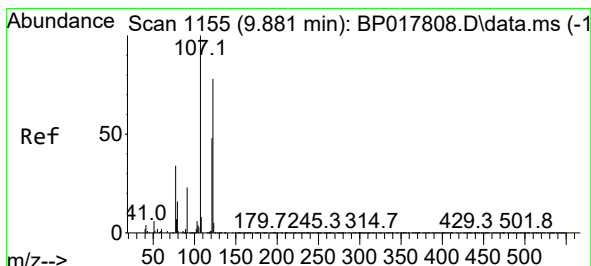
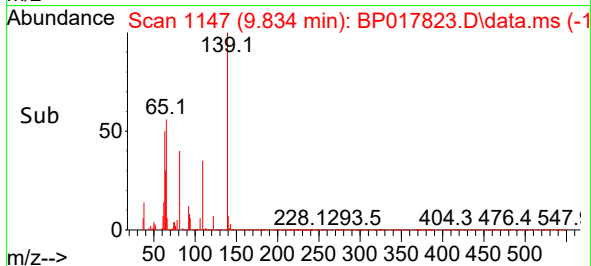
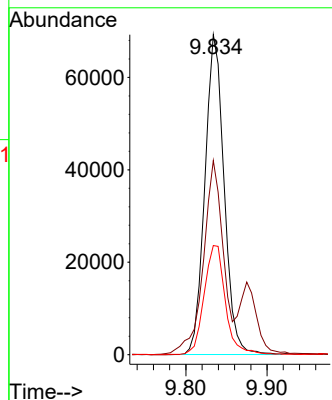
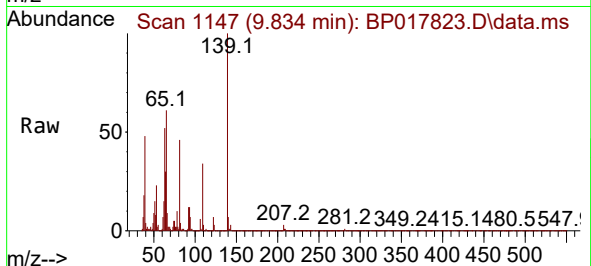




#25
2-Nitrophenol
Concen: 21.675 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

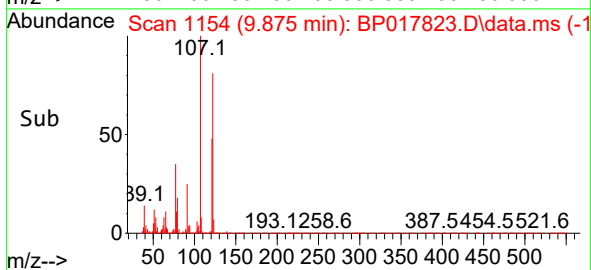
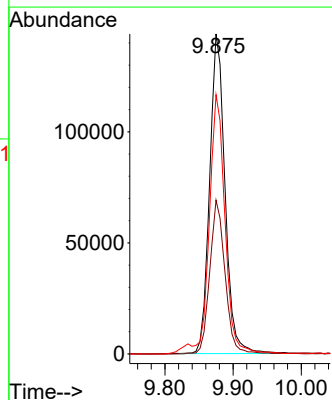
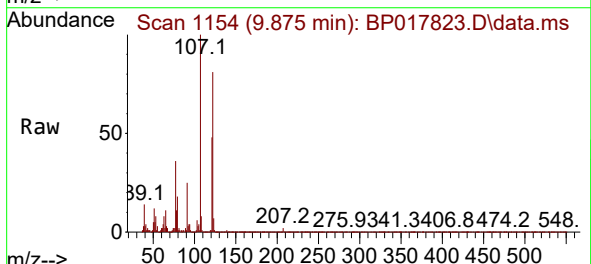
Instrument :
BNA_P
ClientSampleId :
SSTD020796

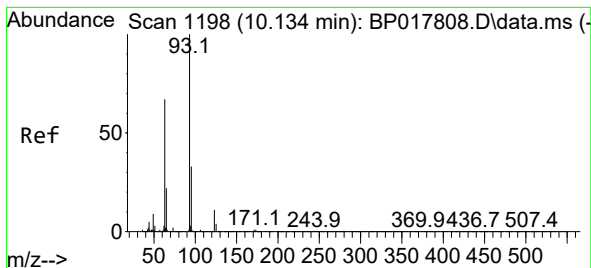
Tgt Ion:139 Resp: 113747
Ion Ratio Lower Upper
139 100
65 60.7 40.4 60.6#
109 34.1 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 21.969 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:107 Resp: 226279
Ion Ratio Lower Upper
107 100
121 48.1 40.6 61.0
122 81.0 66.9 100.3

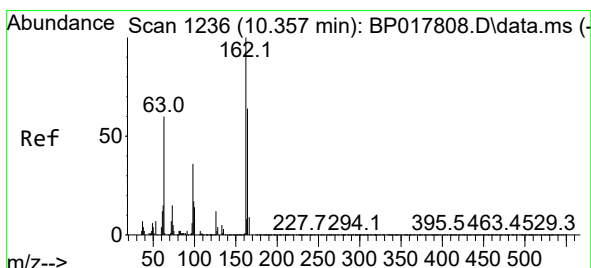
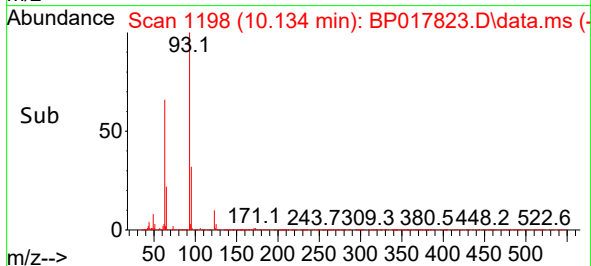
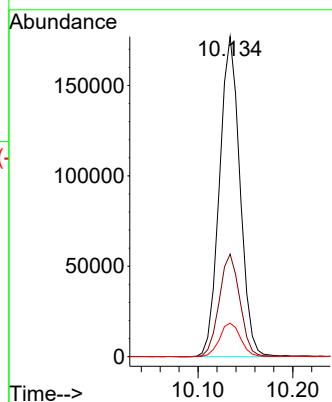
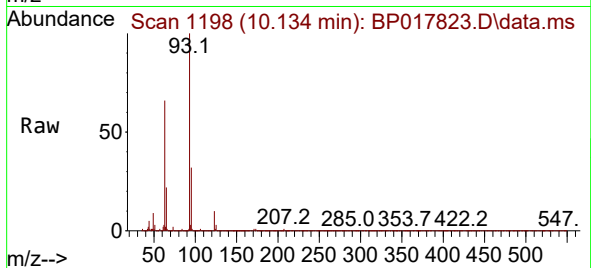




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.671 ng/ul
 RT: 10.134 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BP017823.D
 Acq: 26 Oct 2023 03:46

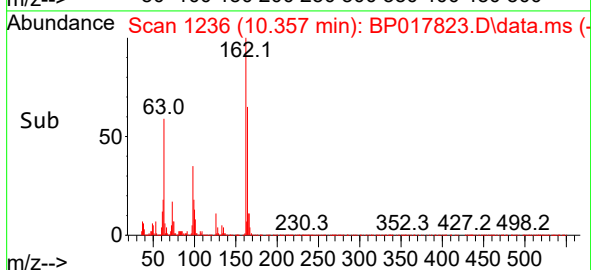
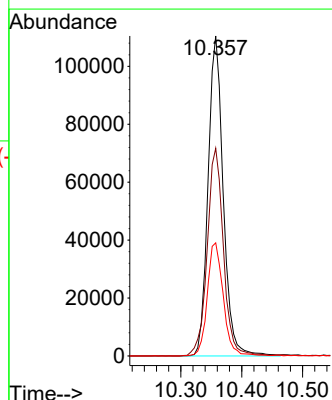
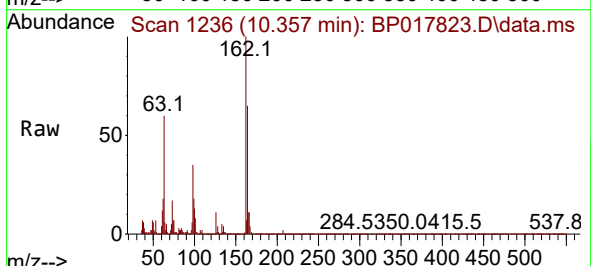
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020796

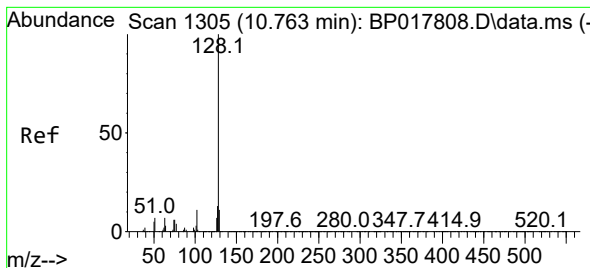
Tgt Ion: 93 Resp: 265553
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.7 37.1
 123 10.5 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 20.783 ng/ul
 RT: 10.357 min Scan# 1236
 Delta R.T. -0.012 min
 Lab File: BP017823.D
 Acq: 26 Oct 2023 03:46

Tgt Ion:162 Resp: 191664
 Ion Ratio Lower Upper
 162 100
 164 64.9 53.8 80.8
 98 35.4 25.5 38.3

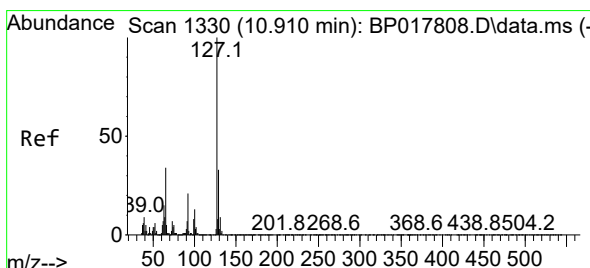
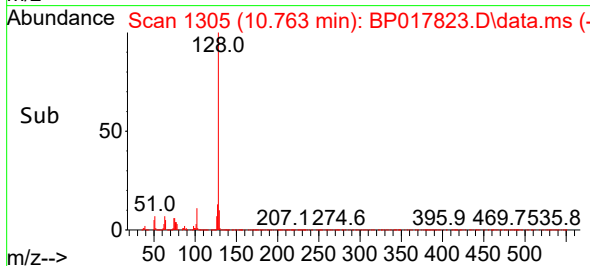
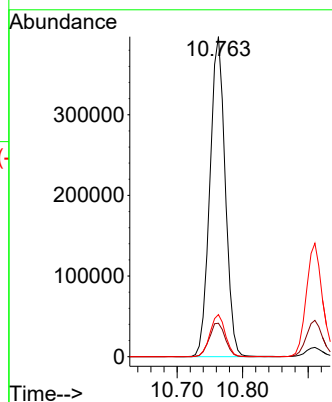
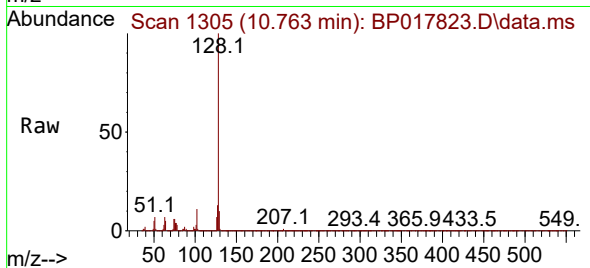




#30
Naphthalene
Concen: 20.419 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

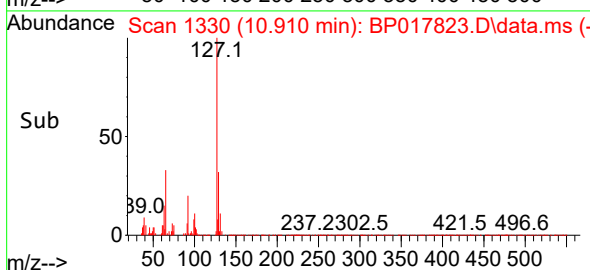
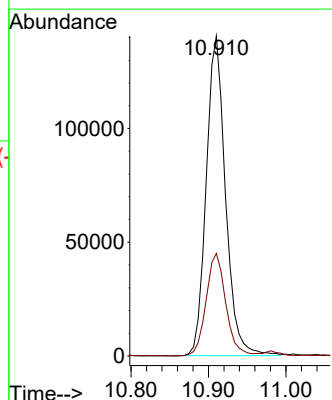
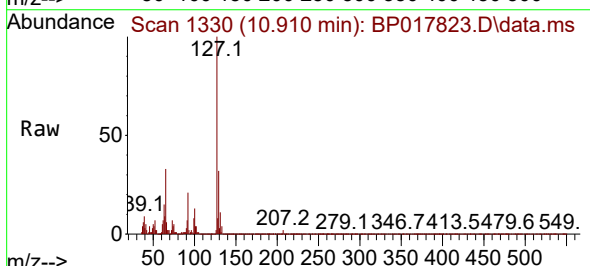
Instrument :
BNA_P
ClientSampleId :
SSTD020796

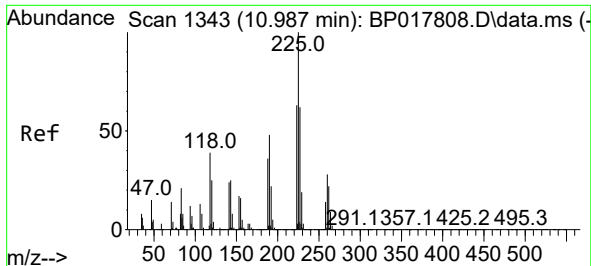
Tgt Ion:128 Resp: 645290
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 20.081 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:127 Resp: 242699
Ion Ratio Lower Upper
127 100
129 32.1 25.1 37.7

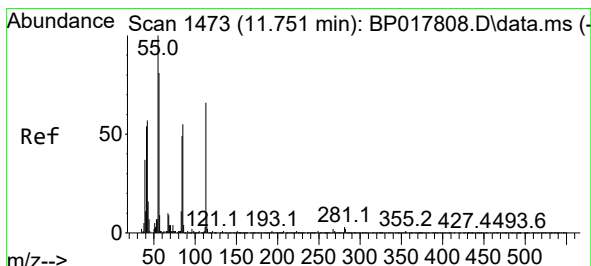
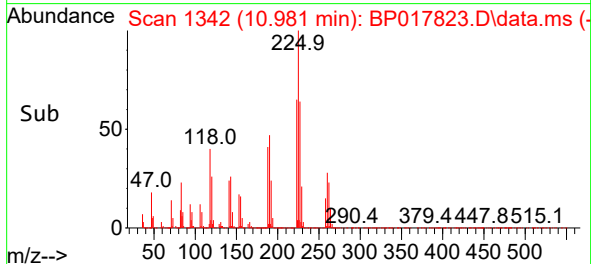
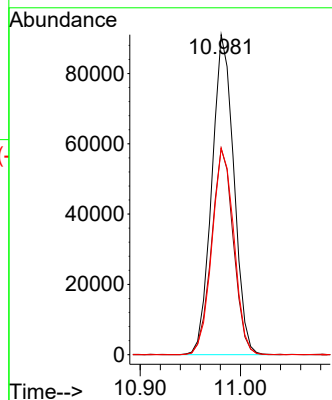
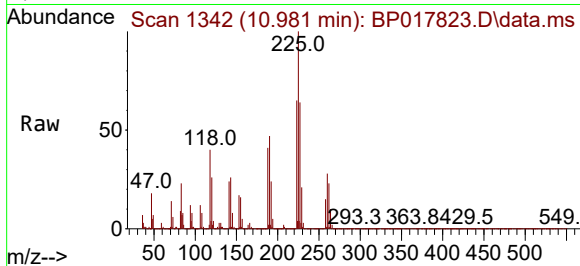




#33
Hexachlorobutadiene
Concen: 18.522 ng/ul
RT: 10.981 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

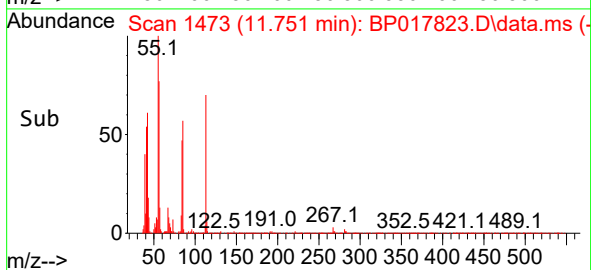
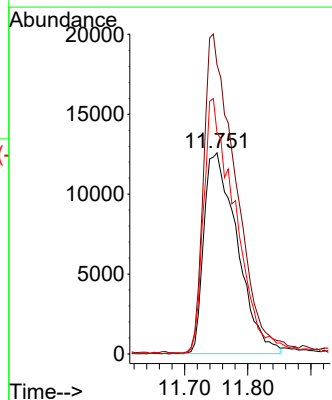
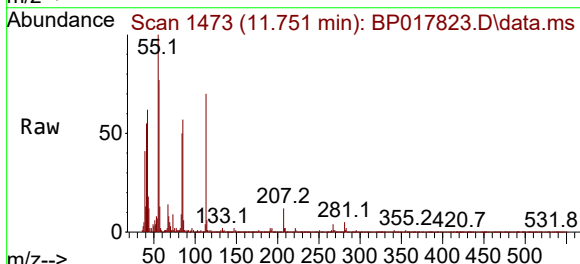
Instrument :
BNA_P
ClientSampleId :
SSTD020796

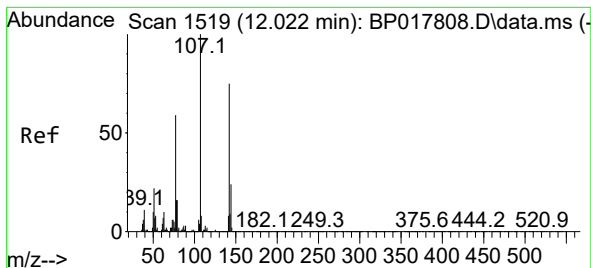
Tgt Ion:225 Resp: 138695
Ion Ratio Lower Upper
225 100
223 64.5 50.6 75.8
227 64.5 50.1 75.1



#34
Caprolactam
Concen: 19.371 ng/ul
RT: 11.751 min Scan# 1473
Delta R.T. -0.018 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:113 Resp: 45999
Ion Ratio Lower Upper
113 100
55 143.7 112.1 168.1
56 109.9 87.0 130.6

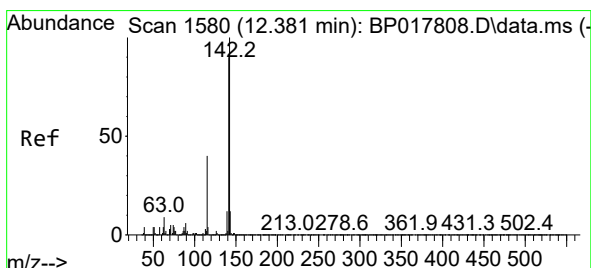
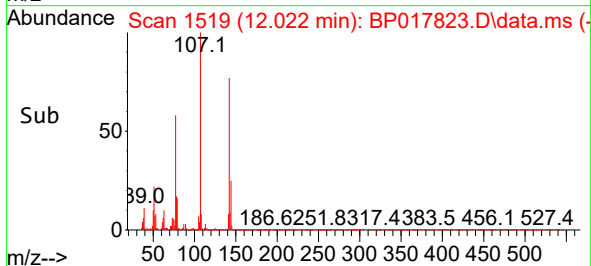
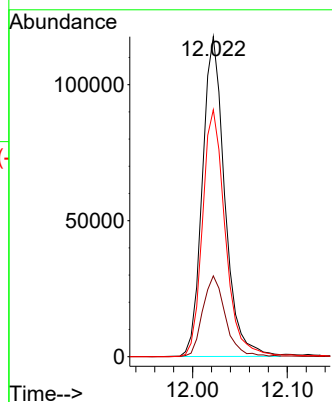
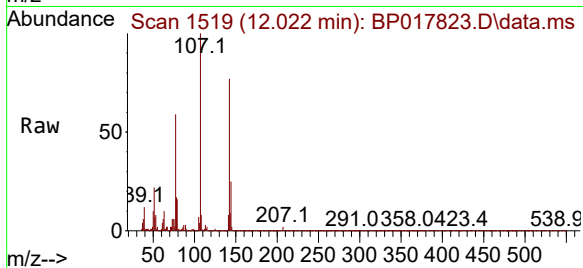




#35
4-Chloro-3-methylphenol
Concen: 22.231 ng/ul
RT: 12.022 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

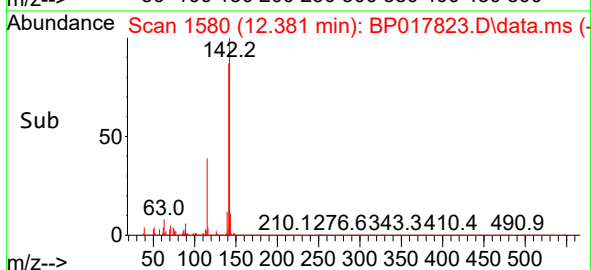
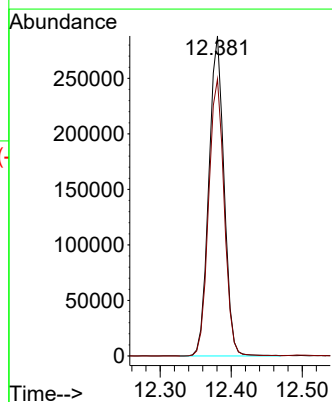
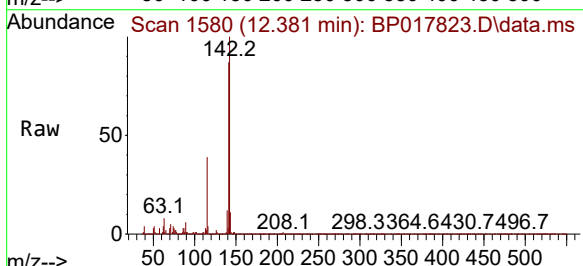
Instrument :
BNA_P
ClientSampleId :
SSTD020796

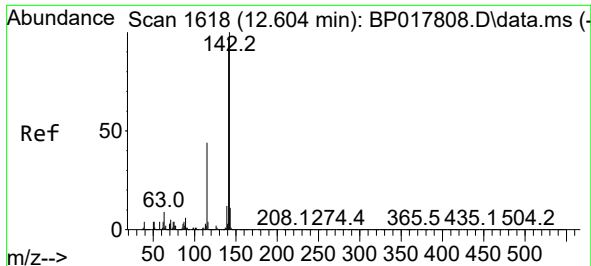
Tgt Ion:107 Resp: 193010
Ion Ratio Lower Upper
107 100
144 25.2 22.9 34.3
142 77.1 68.1 102.1



#36
2-Methylnaphthalene
Concen: 20.107 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:142 Resp: 429219
Ion Ratio Lower Upper
142 100
141 86.5 71.5 107.3





#37

1-Methylnaphthalene

Concen: 19.752 ng/ul

RT: 12.598 min Scan# 1617

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

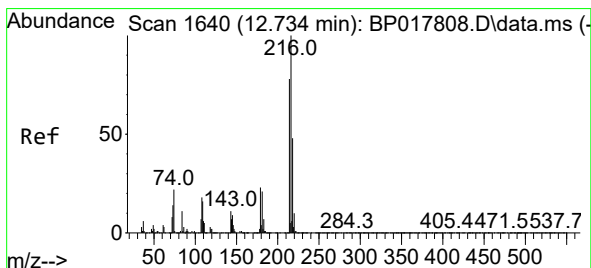
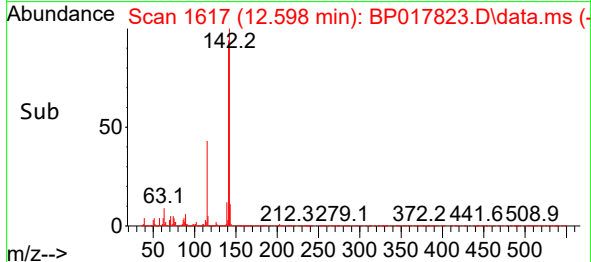
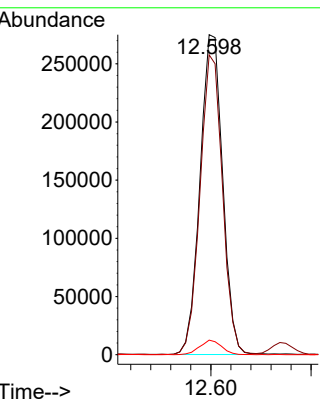
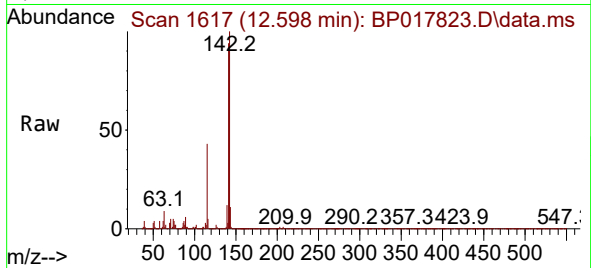
Tgt Ion:142 Resp: 431193

Ion Ratio Lower Upper

142 100

141 93.7 72.5 108.7

116 4.6 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.414 ng/ul

RT: 12.734 min Scan# 1640

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Tgt Ion:216 Resp: 231890

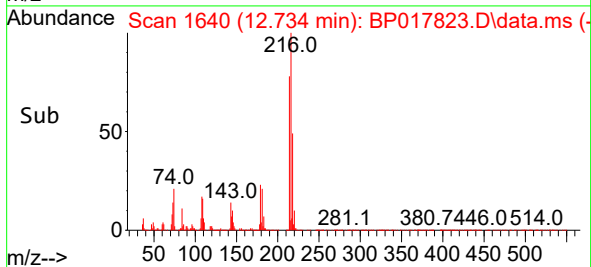
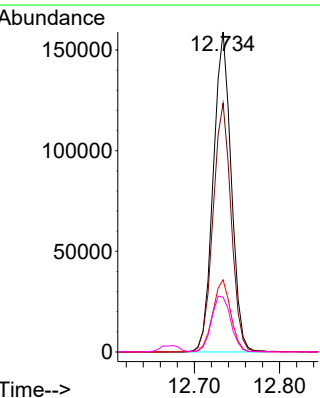
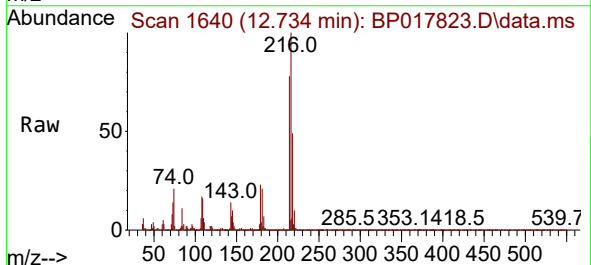
Ion Ratio Lower Upper

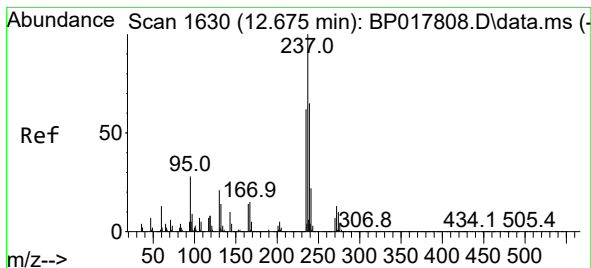
216 100

214 77.7 62.2 93.2

179 22.6 15.8 23.8

108 17.1 12.6 18.8





#40

Hexachlorocyclopentadiene

Concen: 16.851 ng/ul

RT: 12.675 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

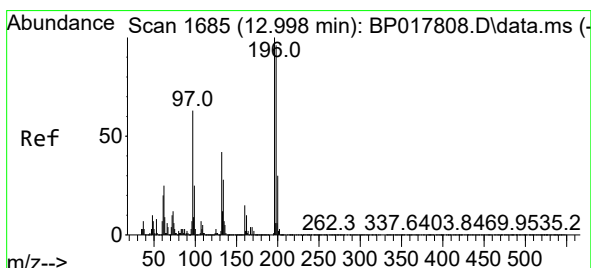
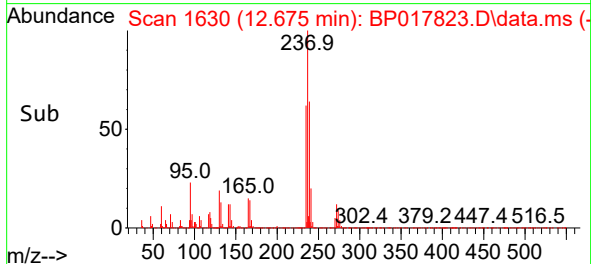
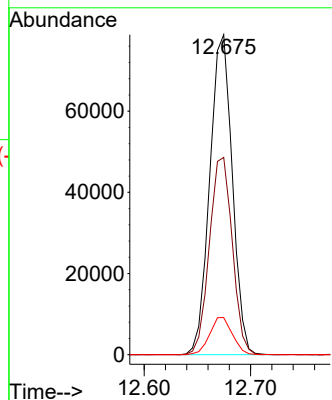
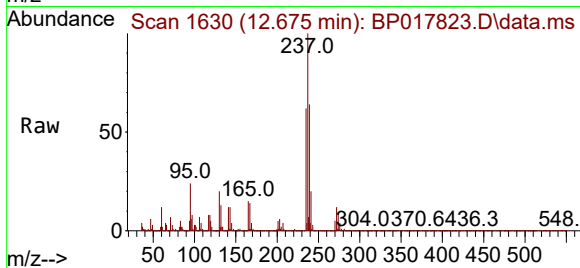
Tgt Ion:237 Resp: 115637

Ion Ratio Lower Upper

237 100

235 61.7 50.3 75.5

272 11.6 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 20.441 ng/ul

RT: 12.998 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

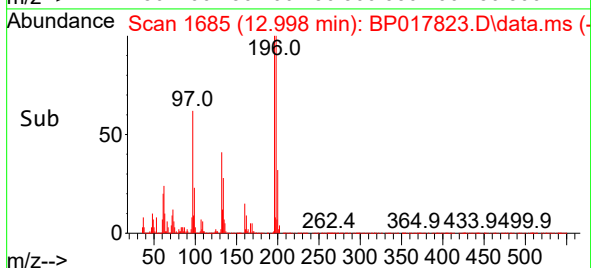
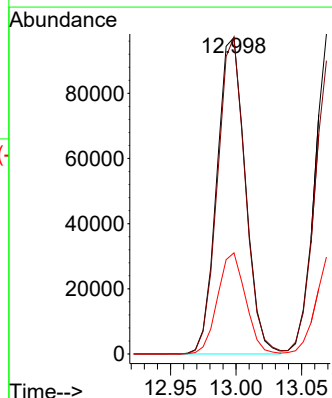
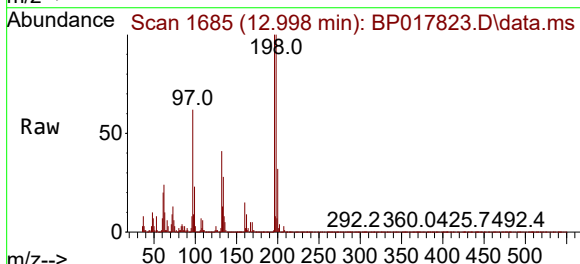
Tgt Ion:196 Resp: 146526

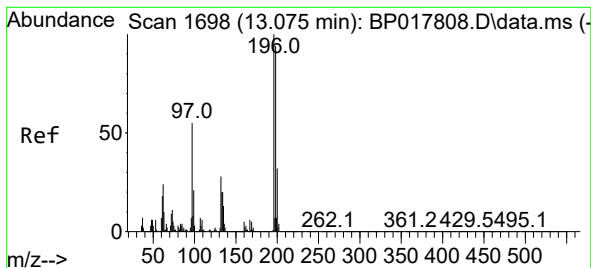
Ion Ratio Lower Upper

196 100

198 100.1 74.7 112.1

200 31.9 23.7 35.5

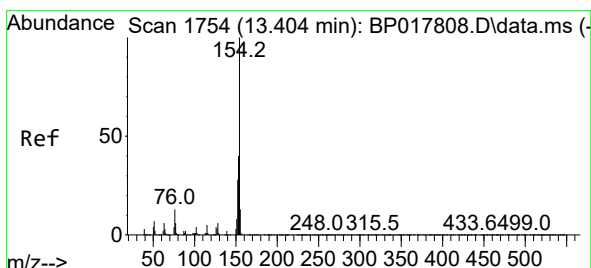
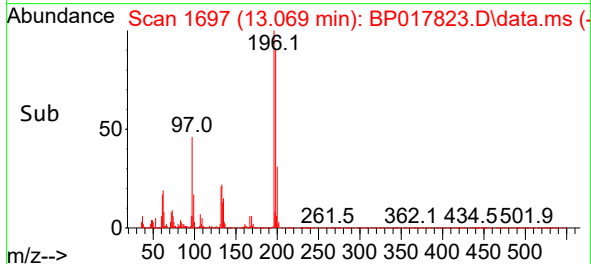
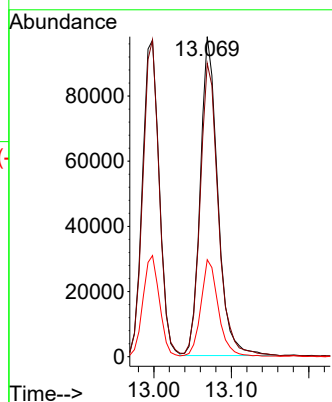
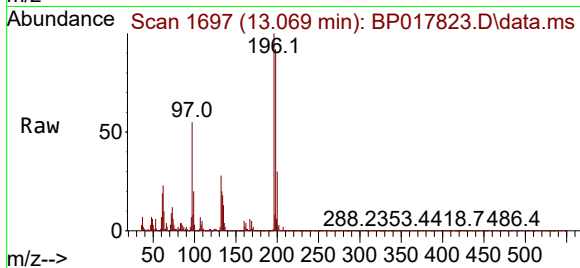




#42
2,4,5-Trichlorophenol
Concen: 20.774 ng/ul
RT: 13.069 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

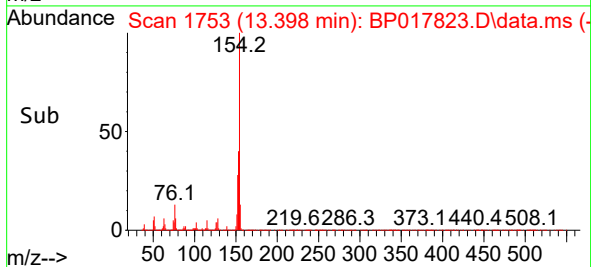
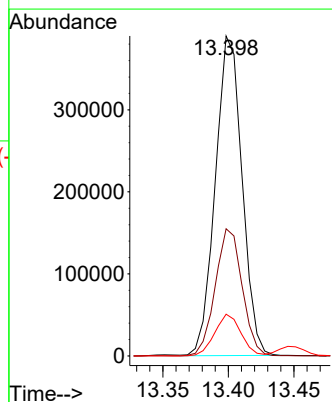
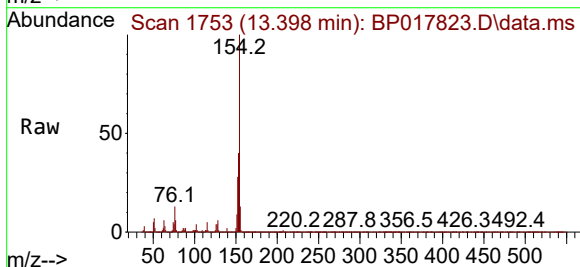
Instrument :
BNA_P
ClientSampleId :
SSTD020796

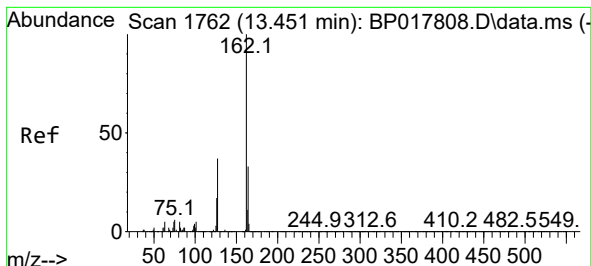
Tgt Ion:196 Resp: 153959
Ion Ratio Lower Upper
196 100
198 91.7 76.0 114.0
200 30.3 24.3 36.5



#43
1,1'-Biphenyl
Concen: 20.739 ng/ul
RT: 13.398 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:154 Resp: 551521
Ion Ratio Lower Upper
154 100
153 39.8 32.6 49.0
76 13.1 9.8 14.8





#44

2-Chloronaphthalene

Concen: 20.264 ng/ul

RT: 13.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

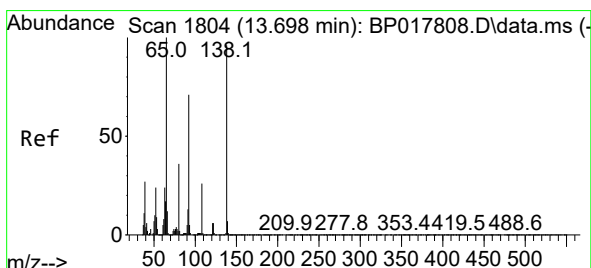
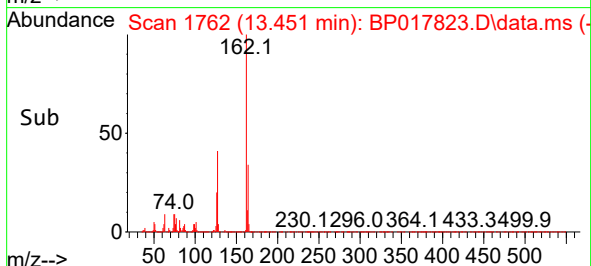
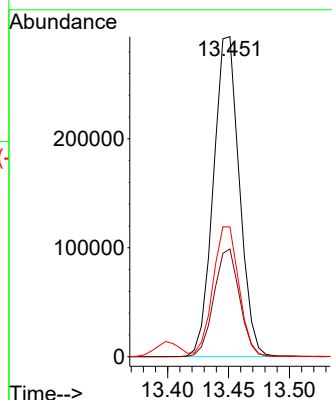
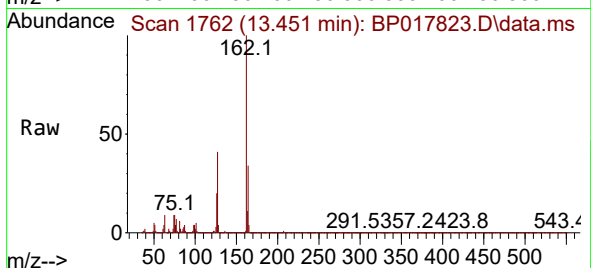
Tgt Ion:162 Resp: 435634

Ion Ratio Lower Upper

162 100

164 33.6 25.9 38.9

127 40.6 29.9 44.9



#45

2-Nitroaniline

Concen: 25.073 ng/ul

RT: 13.698 min Scan# 1804

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

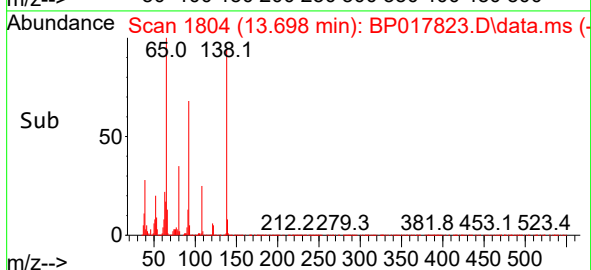
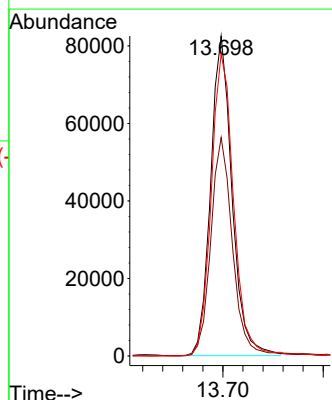
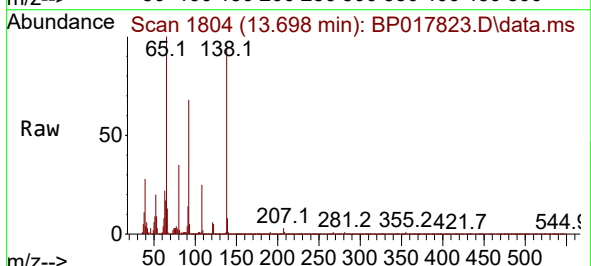
Tgt Ion: 65 Resp: 122488

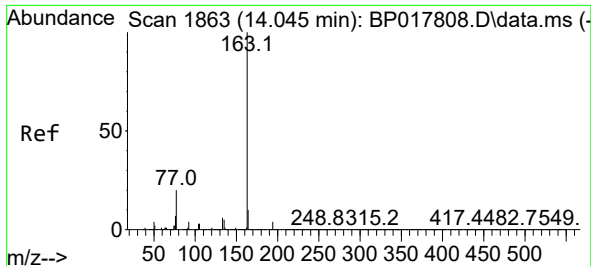
Ion Ratio Lower Upper

65 100

92 68.2 56.2 84.4

138 94.4 85.9 128.9

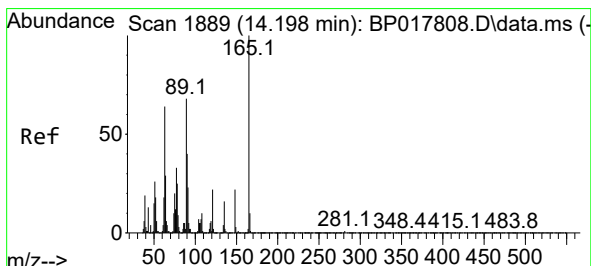
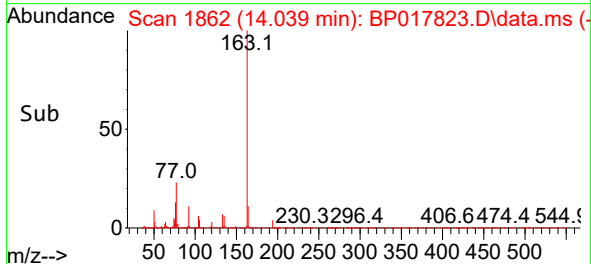
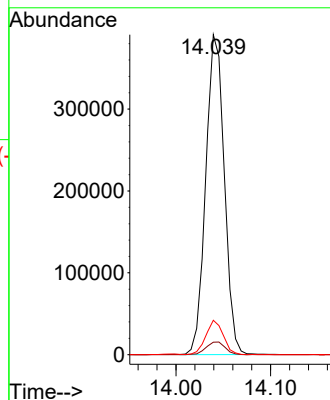
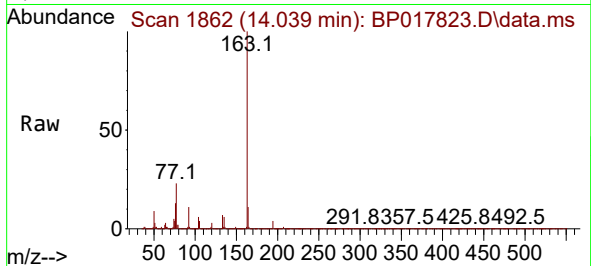




#47
Dimethylphthalate
Concen: 19.909 ng/ul
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

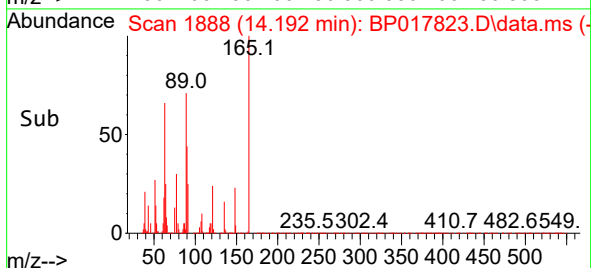
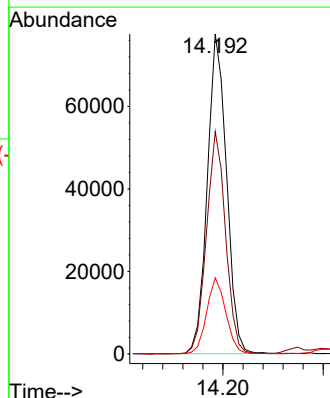
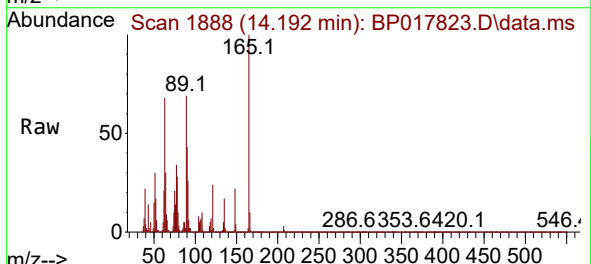
Instrument :
BNA_P
ClientSampleId :
SSTD020796

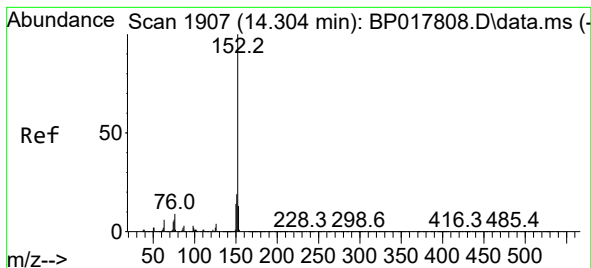
Tgt Ion:163 Resp: 531700
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.8 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.007 ng/ul
RT: 14.192 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:165 Resp: 103264
Ion Ratio Lower Upper
165 100
89 69.5 48.0 72.0
121 23.8 16.6 24.8





#50

Acenaphthylene

Concen: 20.598 ng/ul

RT: 14.304 min Scan# 1907

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

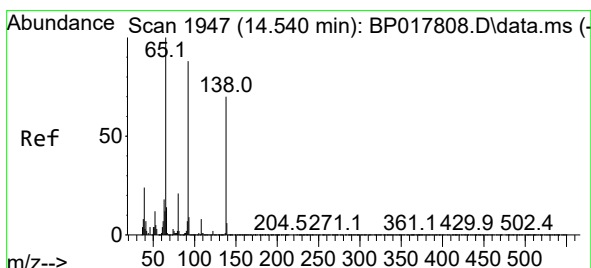
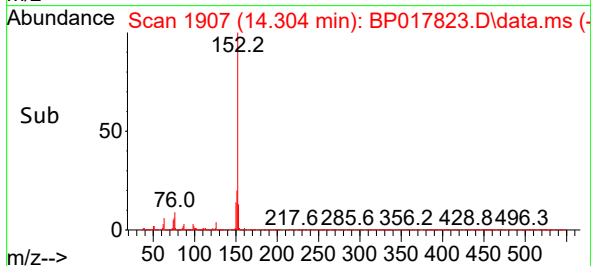
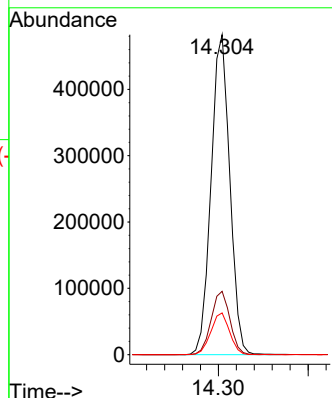
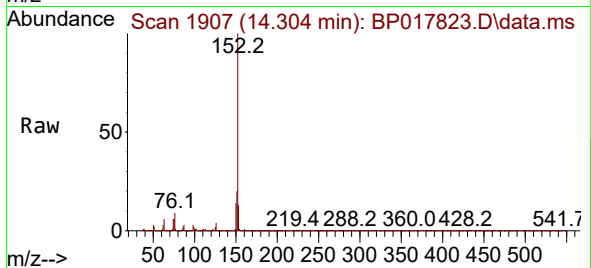
Tgt Ion:152 Resp: 697265

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.0 10.8 16.2



#51

3-Nitroaniline

Concen: 21.224 ng/ul

RT: 14.534 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

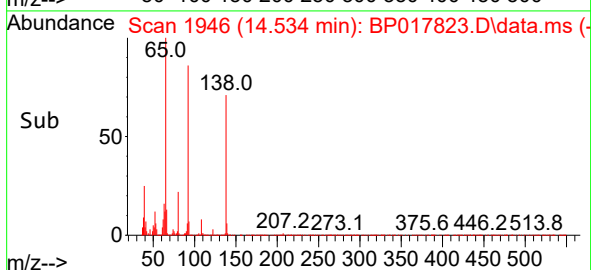
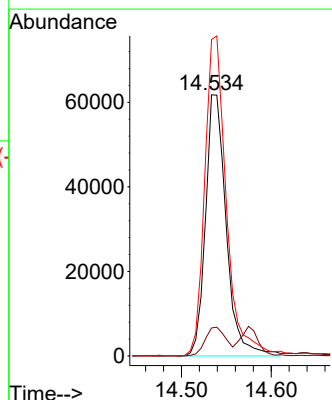
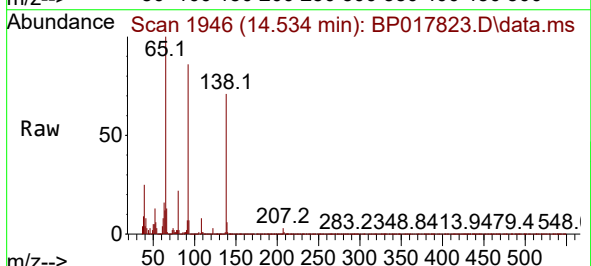
Tgt Ion:138 Resp: 99224

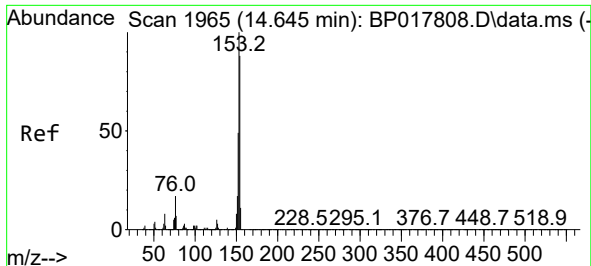
Ion Ratio Lower Upper

138 100

108 10.7 9.3 13.9

92 121.2 95.2 142.8

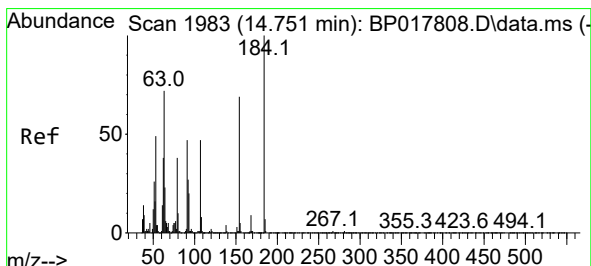
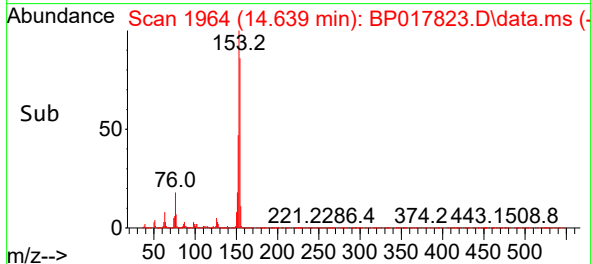
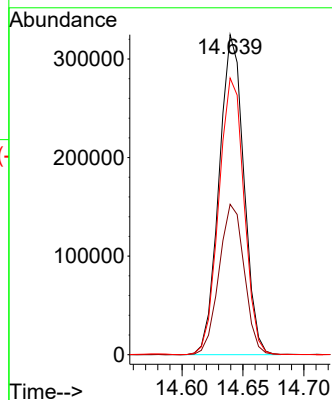
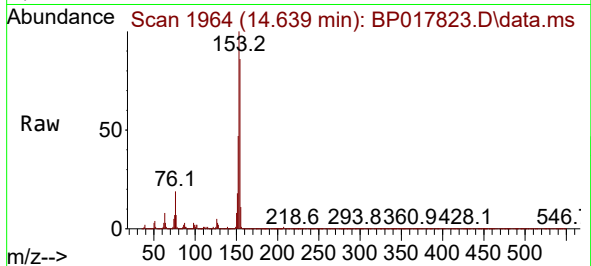




#52
Acenaphthene
Concen: 20.077 ng/ul
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

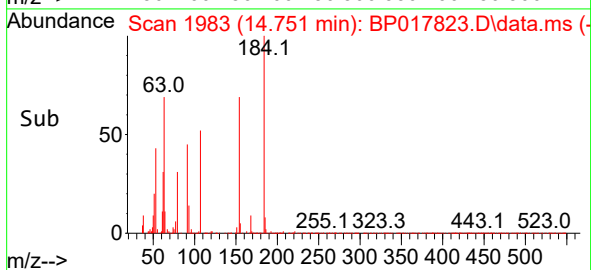
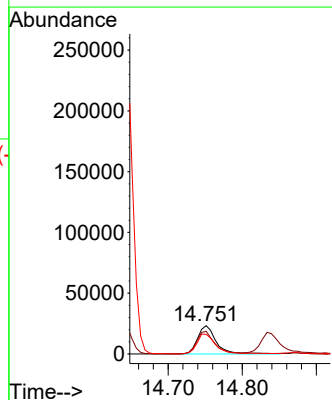
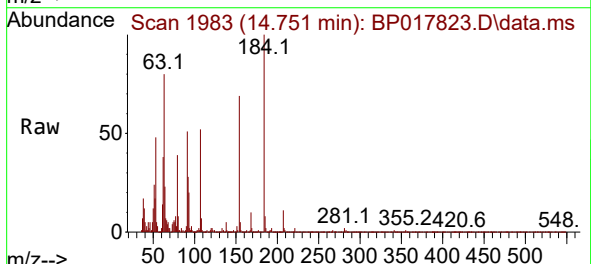
Instrument :
BNA_P
ClientSampleId :
SSTD020796

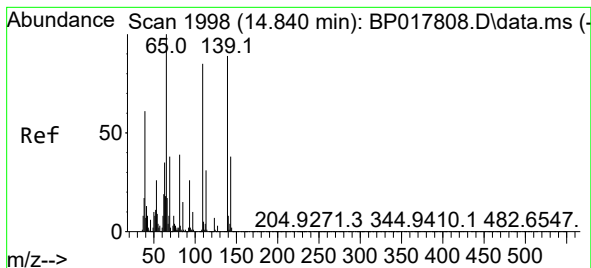
Tgt Ion:153 Resp: 459439
Ion Ratio Lower Upper
153 100
152 47.0 37.6 56.4
154 86.5 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 14.682 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:184 Resp: 40513
Ion Ratio Lower Upper
184 100
63 79.9 50.6 76.0#
154 69.1 47.9 71.9

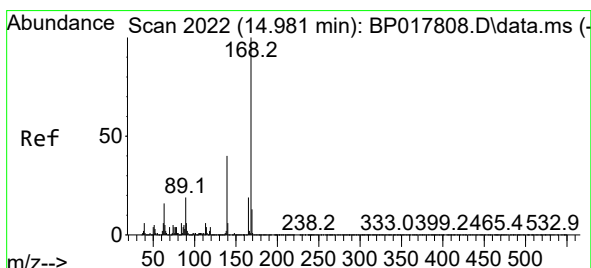
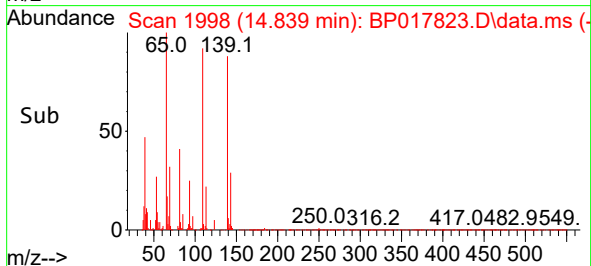
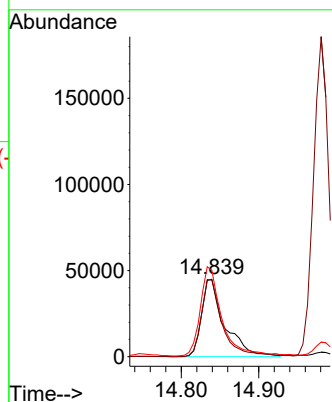
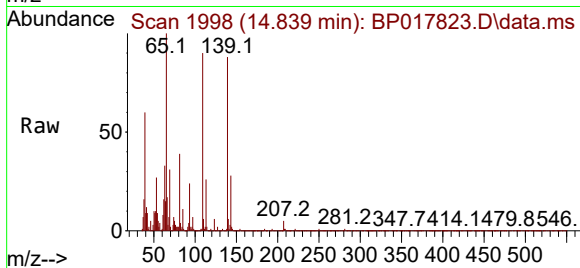




#55
4-Nitrophenol
Concen: 22.658 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

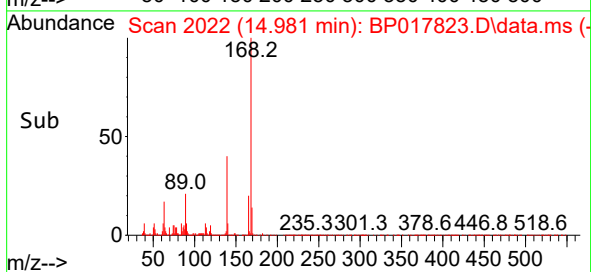
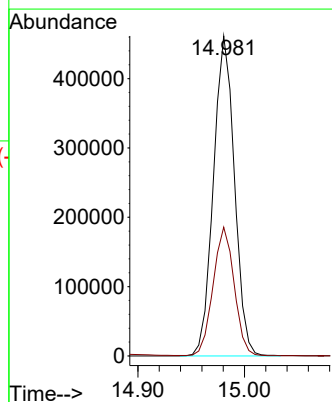
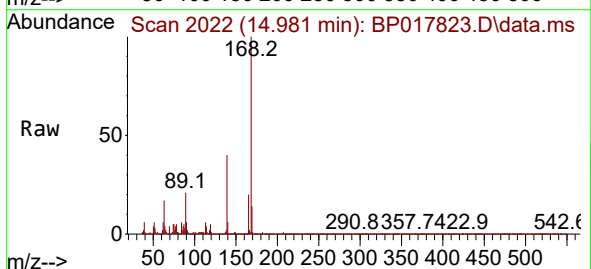
Instrument :
BNA_P
ClientSampleId :
SSTD020796

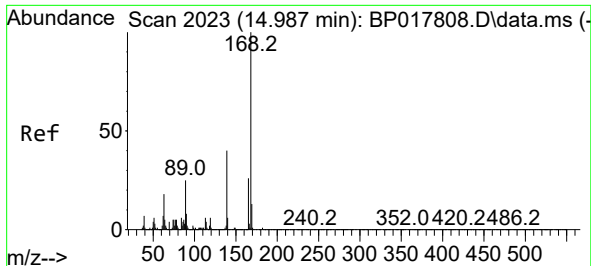
Tgt Ion:109 Resp: 92608
Ion Ratio Lower Upper
109 100
139 98.6 92.9 139.3
65 111.5 94.5 141.7



#56
Dibenzofuran
Concen: 19.715 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:168 Resp: 633418
Ion Ratio Lower Upper
168 100
139 40.3 28.6 43.0

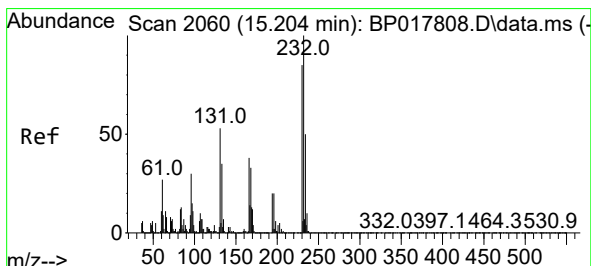
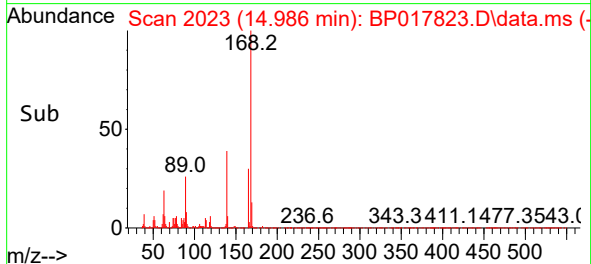
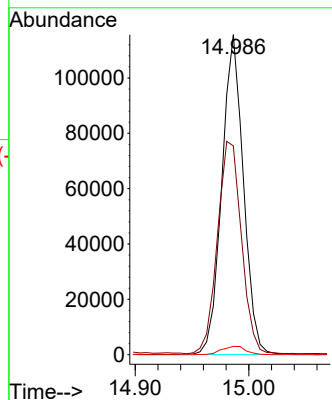
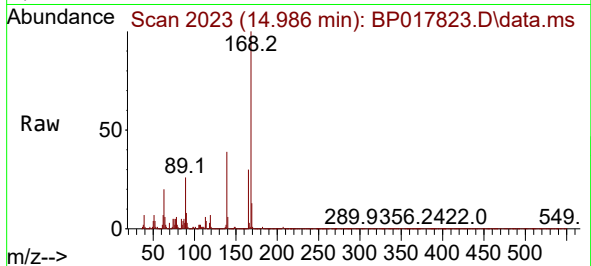




#57
2,4-Dinitrotoluene
Concen: 20.990 ng/ul
RT: 14.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

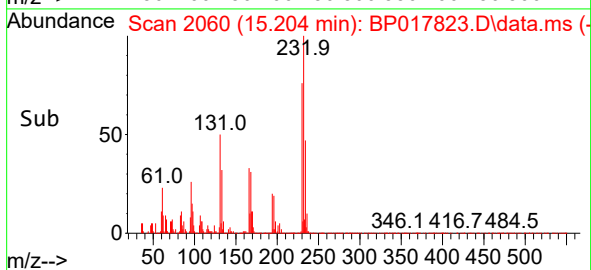
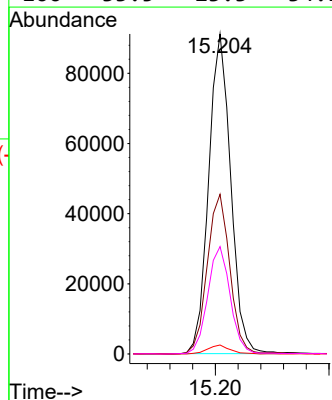
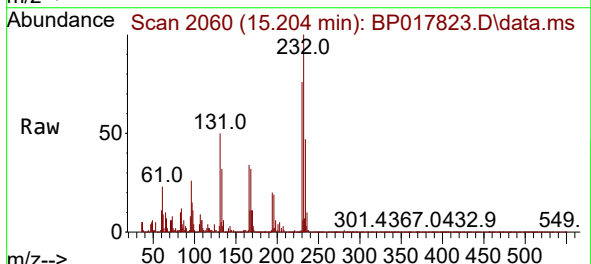
Instrument :
BNA_P
ClientSampleId :
SSTD020796

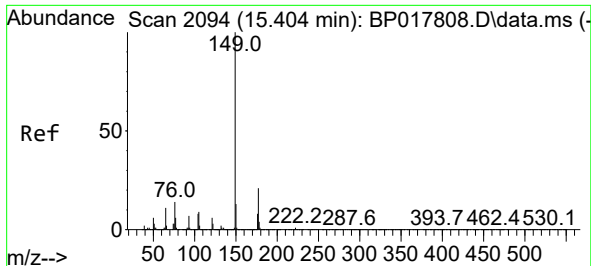
Tgt Ion:165 Resp: 152280
Ion Ratio Lower Upper
165 100
63 65.2 51.1 76.7
182 2.6 2.7 4.1#



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.673 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:232 Resp: 122811
Ion Ratio Lower Upper
232 100
131 49.9 32.9 49.3#
130 2.8 1.8 2.8#
166 33.5 23.3 34.9

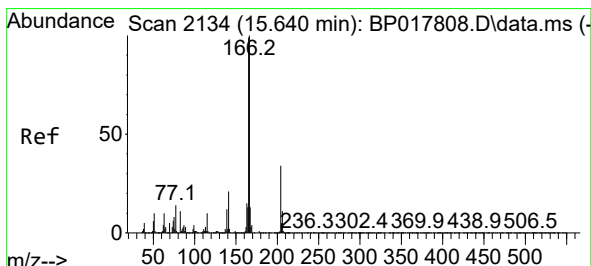
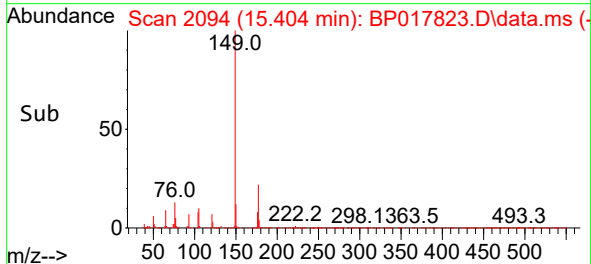
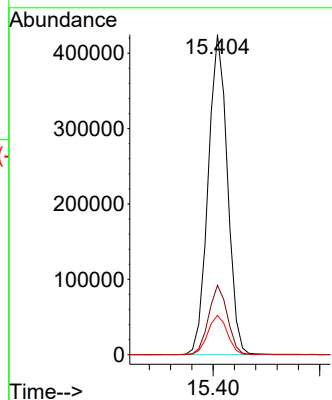
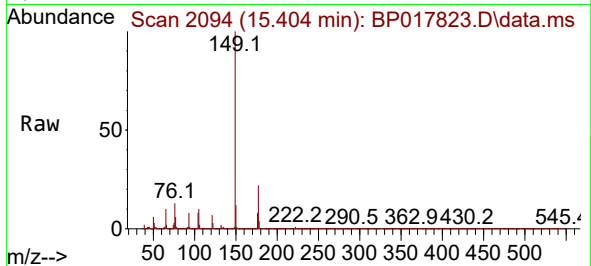




#59
Diethylphthalate
Concen: 20.656 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

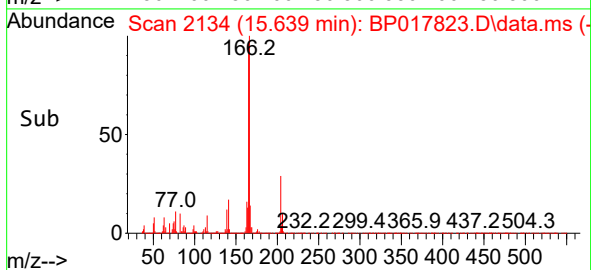
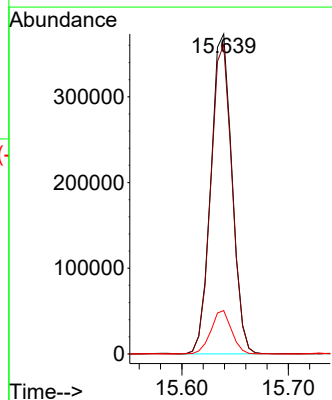
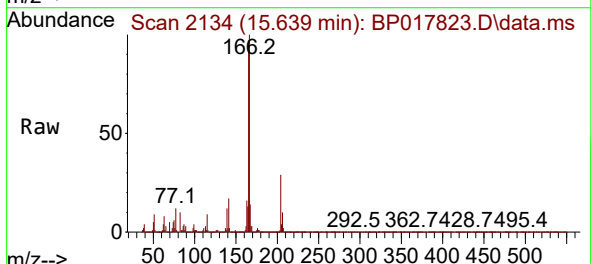
Instrument :
BNA_P
ClientSampleId :
SSTD020796

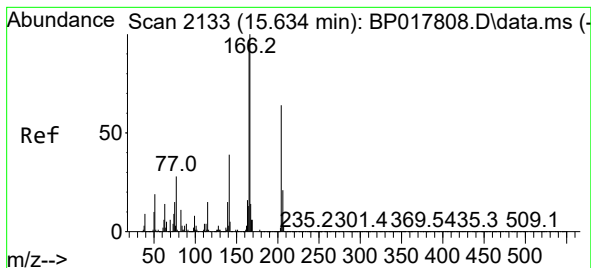
Tgt Ion:149 Resp: 532626
Ion Ratio Lower Upper
149 100
177 21.7 18.0 27.0
150 12.3 10.2 15.4



#61
Fluorene
Concen: 19.551 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:166 Resp: 515959
Ion Ratio Lower Upper
166 100
165 96.6 77.4 116.0
167 13.6 10.9 16.3

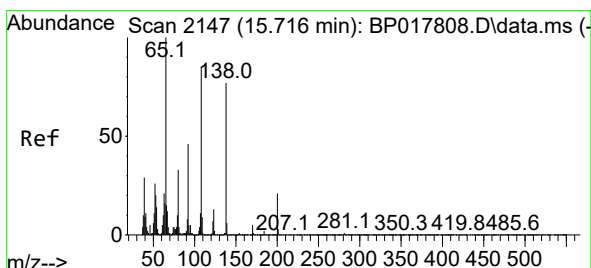
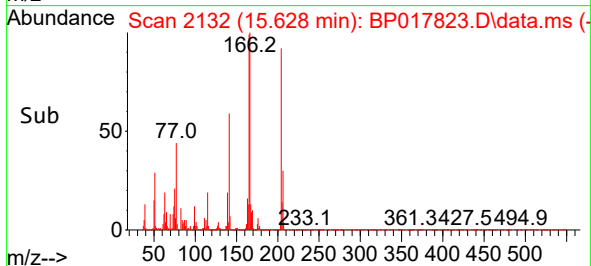
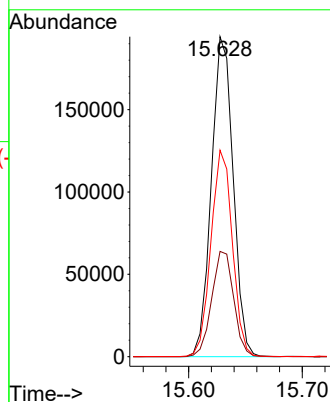
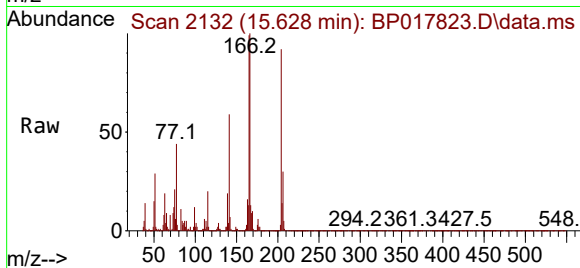




#62
4-Chlorophenyl-phenylether
Concen: 18.454 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

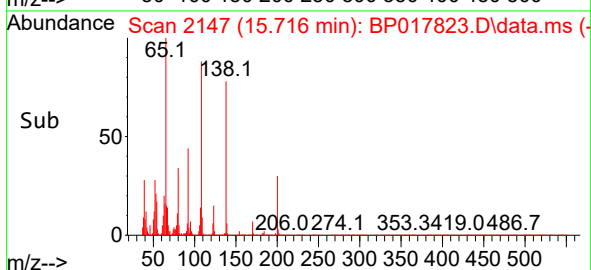
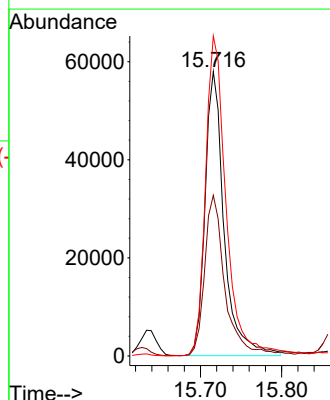
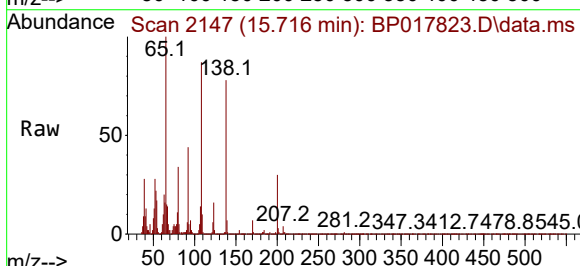
Instrument :
BNA_P
ClientSampleId :
SSTD020796

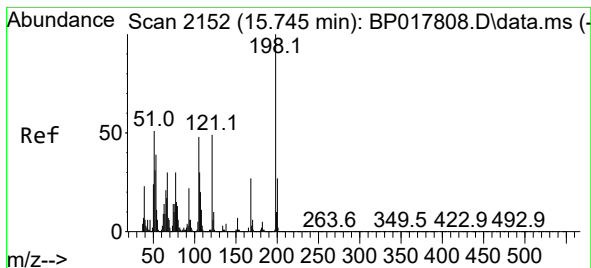
Tgt Ion:204 Resp: 258854
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 64.5 42.9 64.3#



#63
4-Nitroaniline
Concen: 22.323 ng/ul
RT: 15.716 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:138 Resp: 94130
Ion Ratio Lower Upper
138 100
92 56.4 43.0 64.6
108 112.5 82.7 124.1

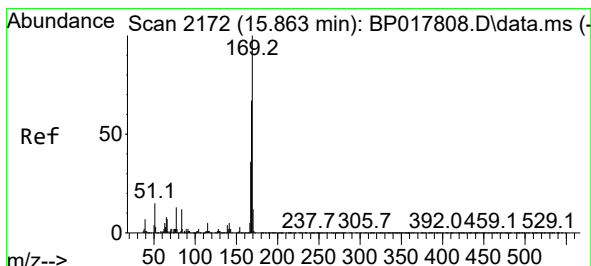
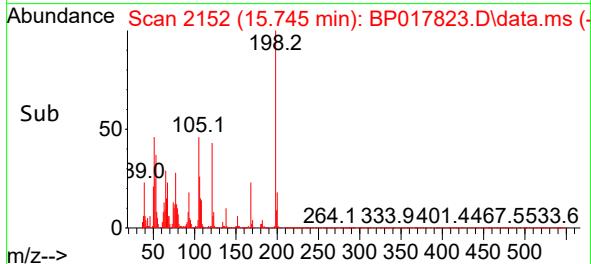
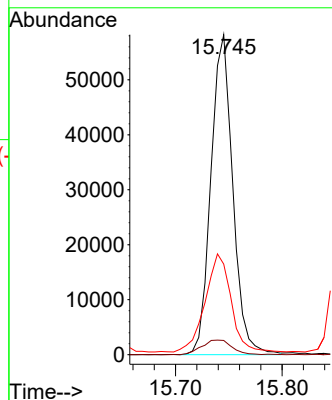
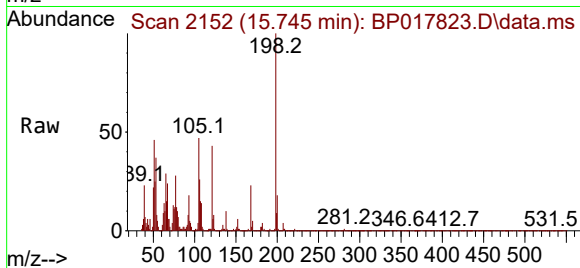




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.653 ng/ul
 RT: 15.745 min Scan# 2152
 Delta R.T. -0.006 min
 Lab File: BP017823.D
 Acq: 26 Oct 2023 03:46

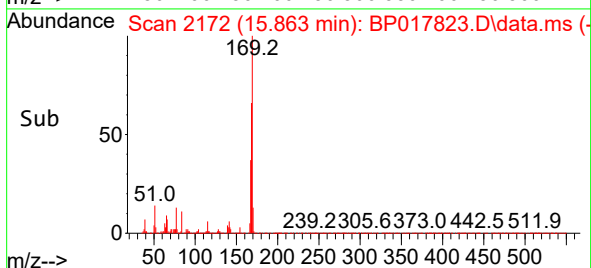
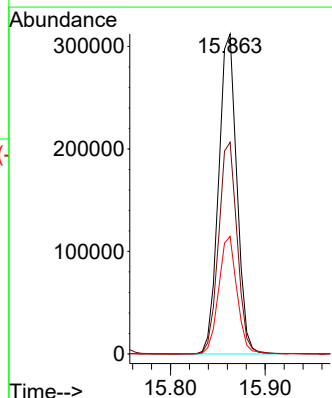
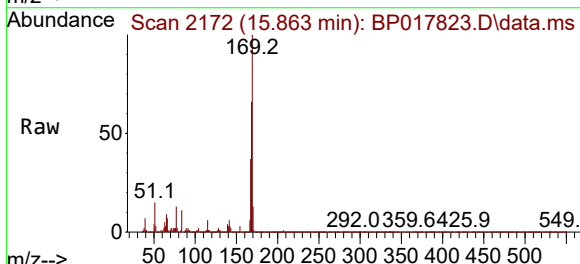
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020796

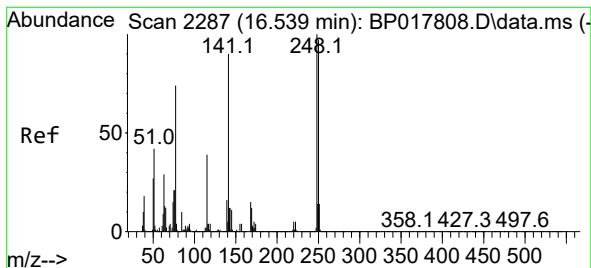
Tgt Ion:198 Resp: 82779
 Ion Ratio Lower Upper
 198 100
 182 4.4 3.9 5.9
 77 28.3 19.8 29.8



#67
 N-Nitrosodiphenylamine
 Concen: 20.757 ng/ul
 RT: 15.863 min Scan# 2172
 Delta R.T. -0.006 min
 Lab File: BP017823.D
 Acq: 26 Oct 2023 03:46

Tgt Ion:169 Resp: 417971
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.7 80.5
 167 36.8 29.4 44.0

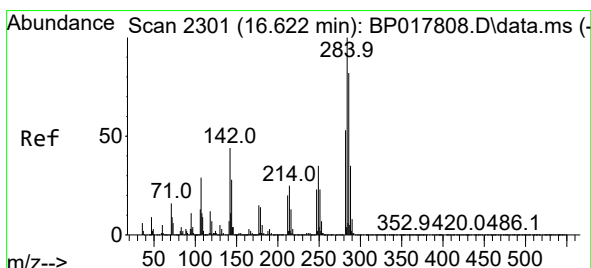
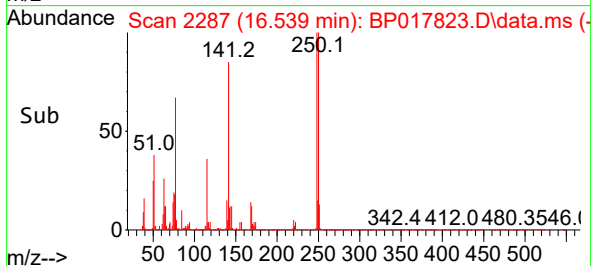
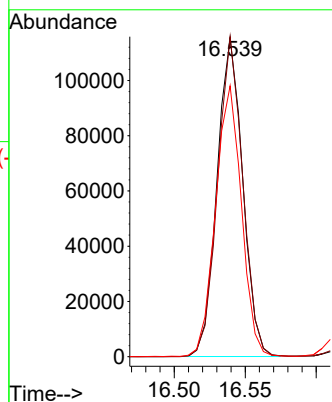
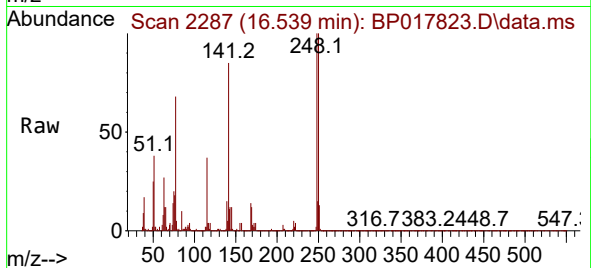




#68
4-Bromophenyl-phenylether
Concen: 18.651 ng/ul
RT: 16.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

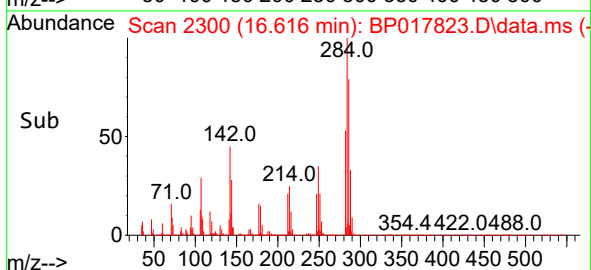
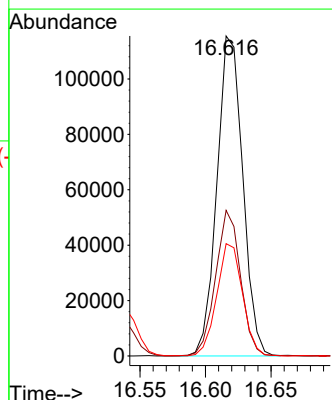
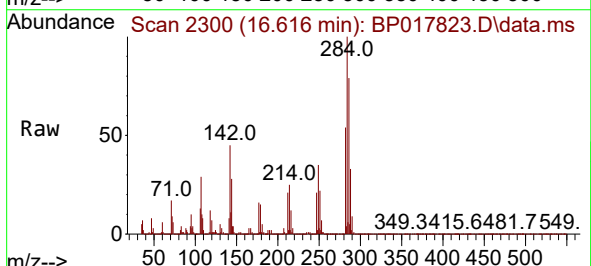
Instrument :
BNA_P
ClientSampleId :
SSTD020796

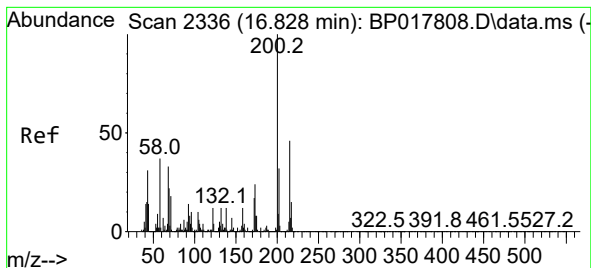
Tgt Ion:248 Resp: 145052
Ion Ratio Lower Upper
248 100
250 100.3 76.8 115.2
141 85.0 52.4 78.6#



#69
Hexachlorobenzene
Concen: 17.711 ng/ul
RT: 16.616 min Scan# 2300
Delta R.T. -0.012 min
Lab File: BP017823.D
Acq: 26 Oct 2023 03:46

Tgt Ion:284 Resp: 158131
Ion Ratio Lower Upper
284 100
142 45.5 27.6 41.4#
249 35.1 24.5 36.7





#70

Atrazine

Concen: 19.488 ng/ul

RT: 16.828 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

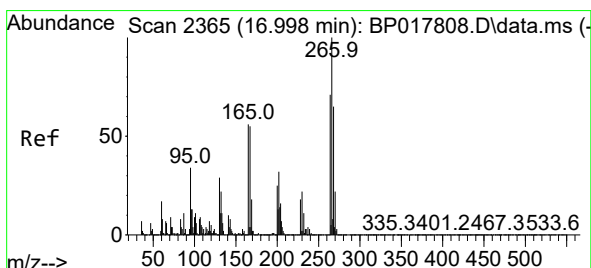
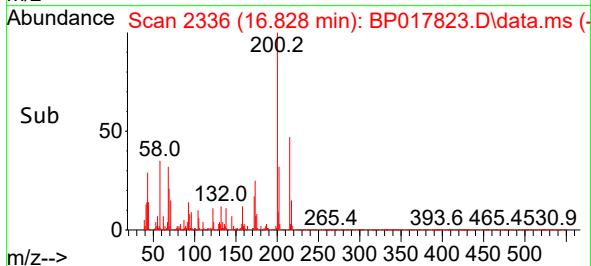
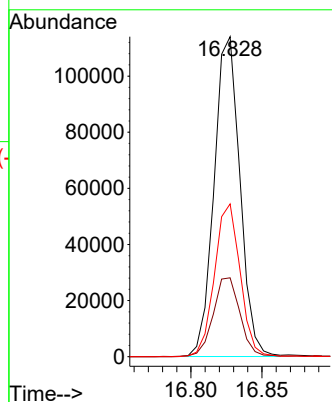
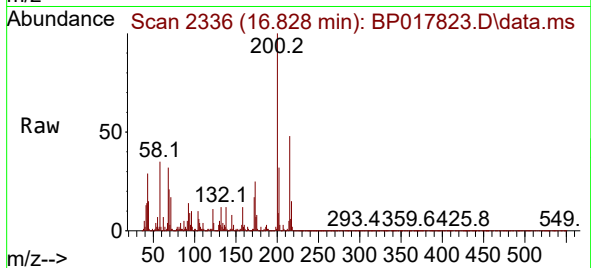
Tgt Ion:200 Resp: 144225

Ion Ratio Lower Upper

200 100

173 24.7 19.8 29.6

215 47.7 38.5 57.7



#71

Pentachlorophenol

Concen: 17.057 ng/ul

RT: 16.992 min Scan# 2364

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

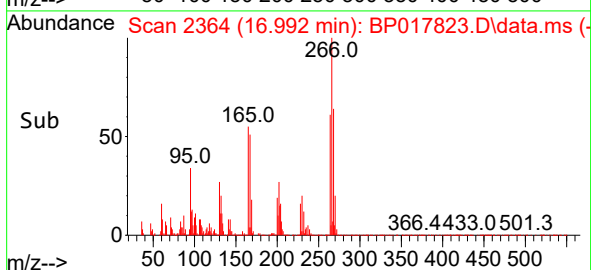
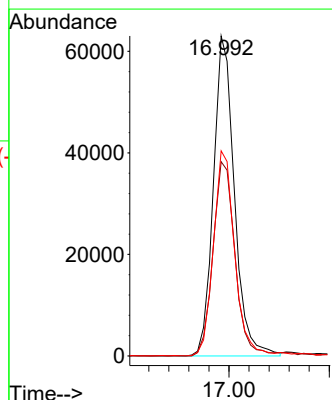
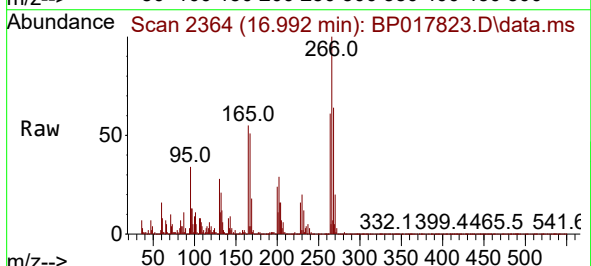
Tgt Ion:266 Resp: 91559

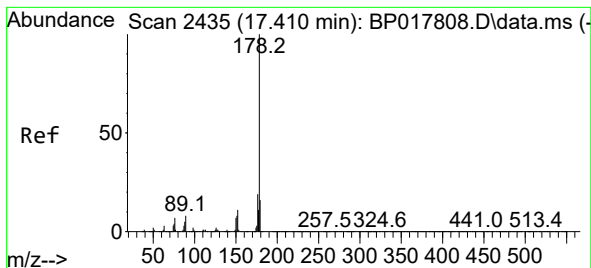
Ion Ratio Lower Upper

266 100

264 60.7 49.4 74.2

268 64.1 50.3 75.5





#72

Phenanthrene

Concen: 19.922 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

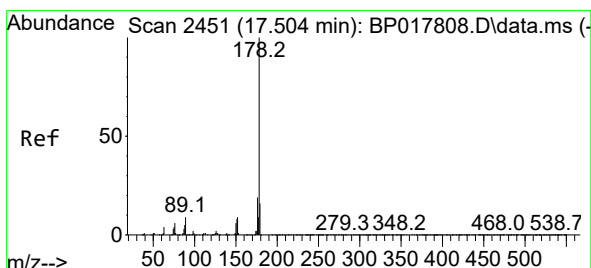
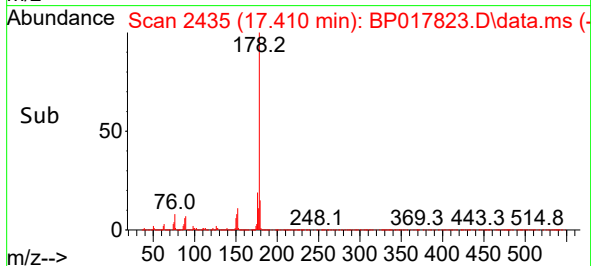
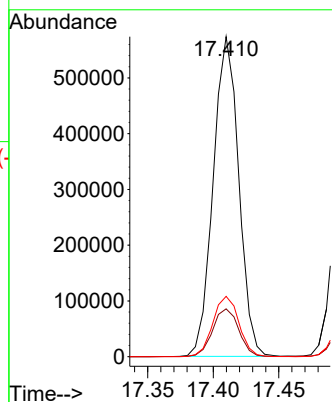
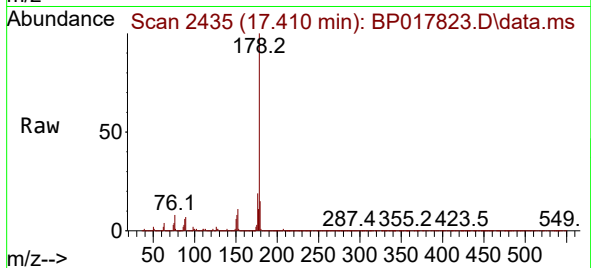
Tgt Ion:178 Resp: 775699

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

176 18.9 15.3 22.9



#74

Anthracene

Concen: 20.166 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

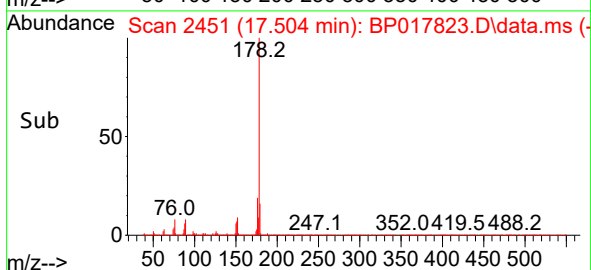
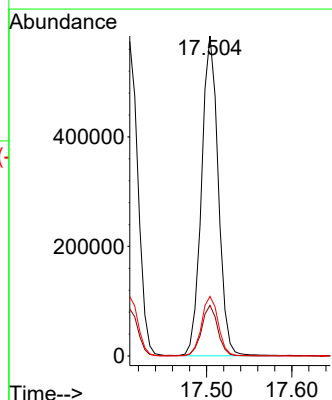
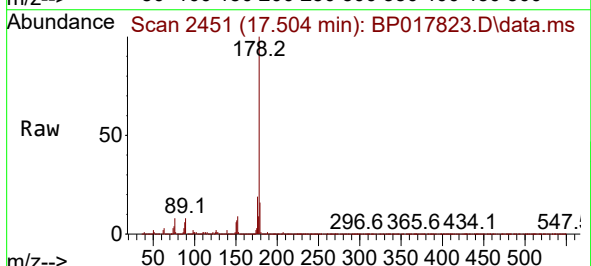
Tgt Ion:178 Resp: 795268

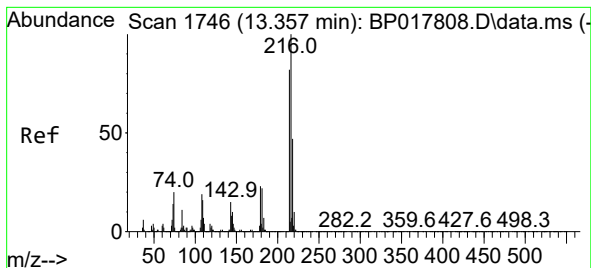
Ion Ratio Lower Upper

178 100

179 15.8 12.0 18.0

176 18.6 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.591 ng/uL

RT: 13.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

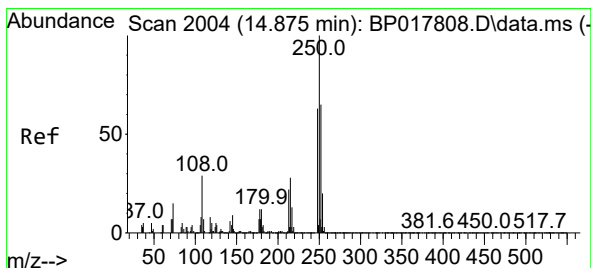
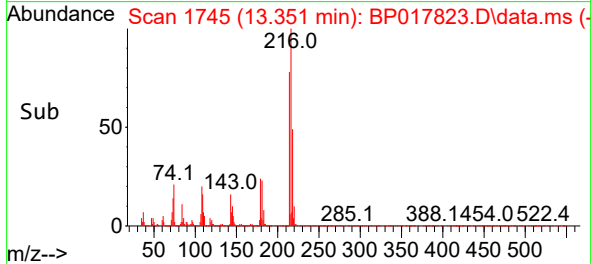
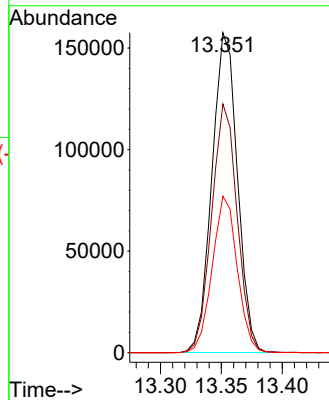
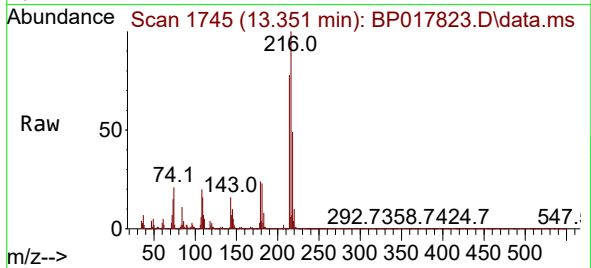
Tgt Ion:216 Resp: 229647

Ion Ratio Lower Upper

216 100

214 77.7 60.7 91.1

218 48.9 38.2 57.4



#76

Pentachlorobenzene

Concen: 18.819 ng/uL

RT: 14.869 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

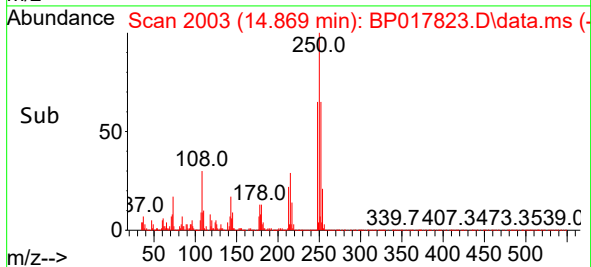
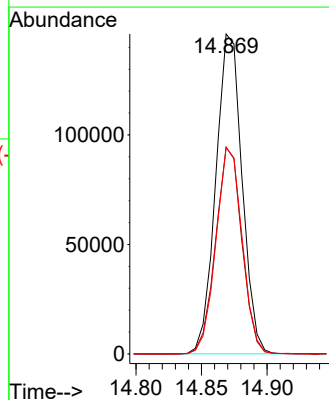
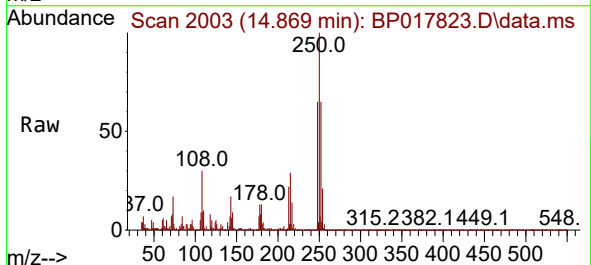
Tgt Ion:250 Resp: 203410

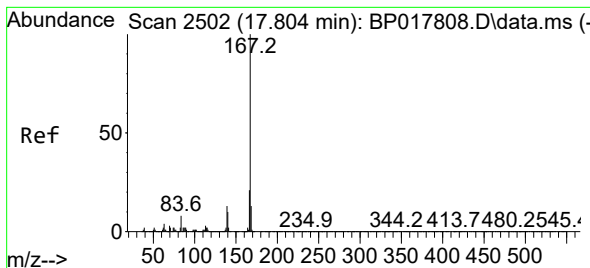
Ion Ratio Lower Upper

250 100

248 64.6 50.2 75.4

252 64.5 49.6 74.4





#77

Carbazole

Concen: 20.283 ng/ul

RT: 17.798 min Scan# 2501

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

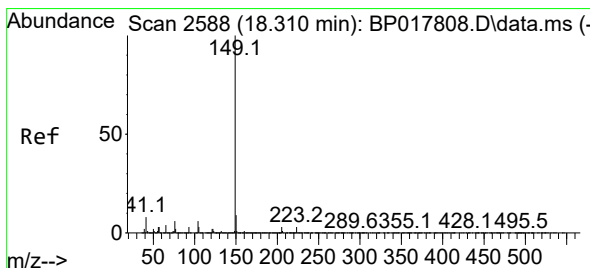
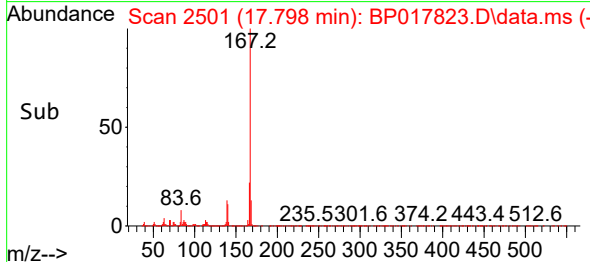
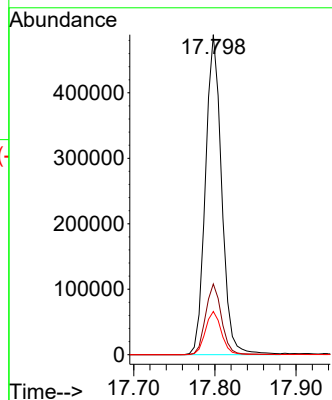
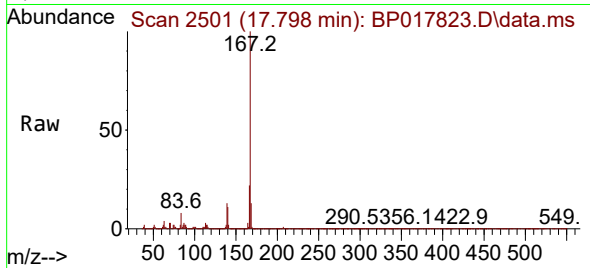
Tgt Ion:167 Resp: 676030

Ion Ratio Lower Upper

167 100

166 22.1 16.7 25.1

139 13.5 9.8 14.6



#78

Di-n-butylphthalate

Concen: 22.451 ng/ul

RT: 18.310 min Scan# 2588

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

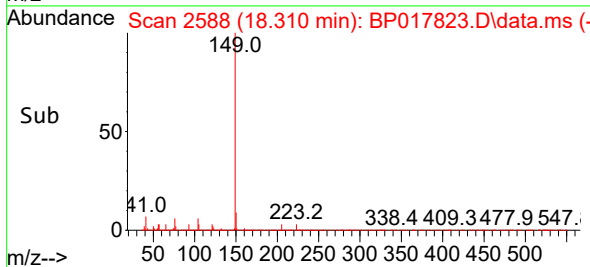
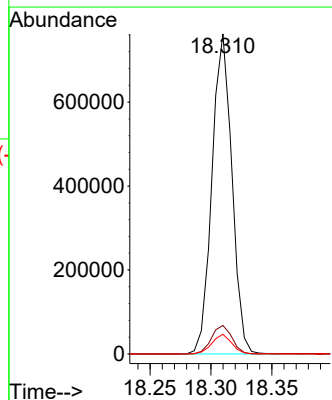
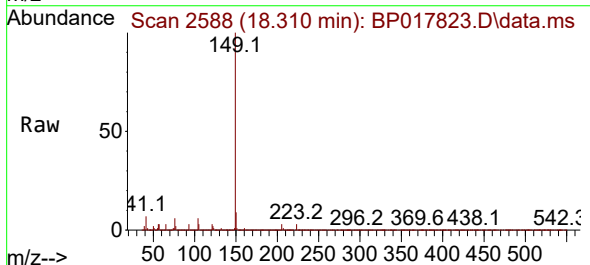
Tgt Ion:149 Resp: 868718

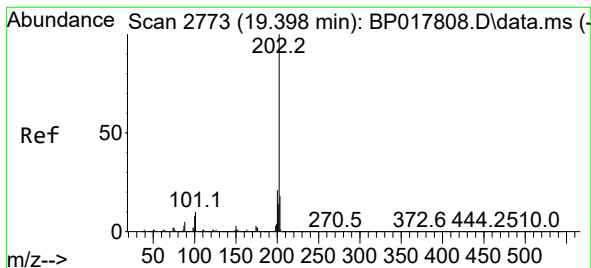
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 6.1 4.3 6.5





#80

Fluoranthene

Concen: 21.563 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

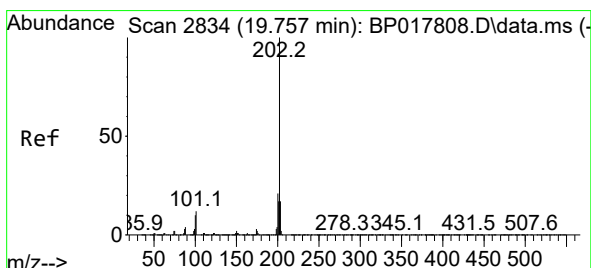
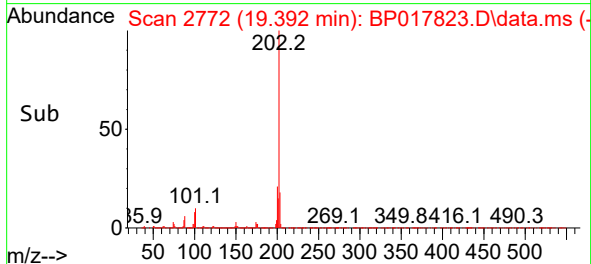
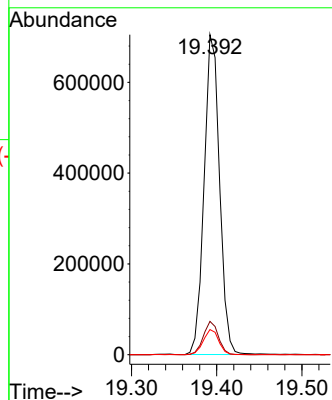
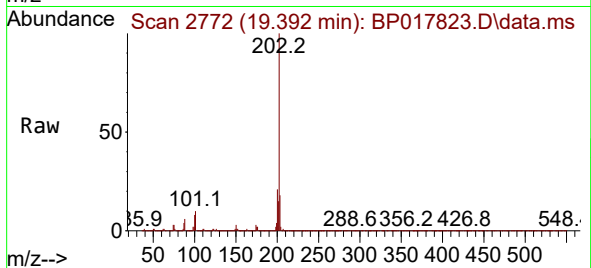
Tgt Ion:202 Resp: 888393

Ion Ratio Lower Upper

202 100

101 10.4 7.1 10.7

100 7.9 5.7 8.5



#82

Pyrene

Concen: 21.103 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

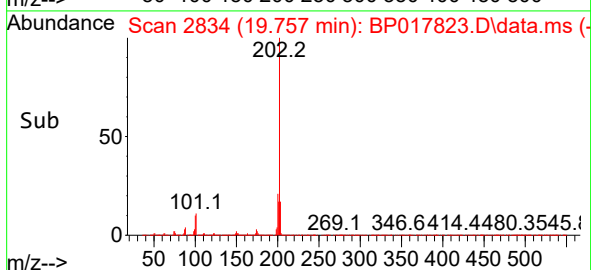
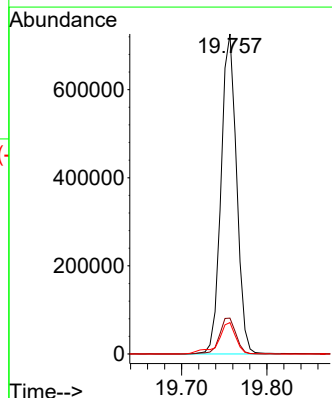
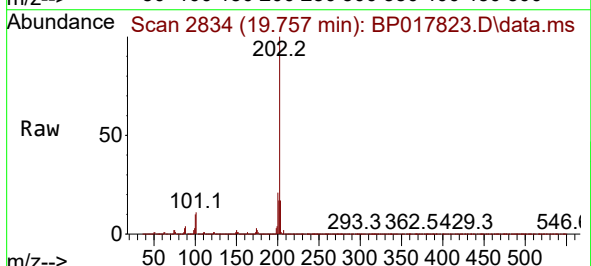
Tgt Ion:202 Resp: 921133

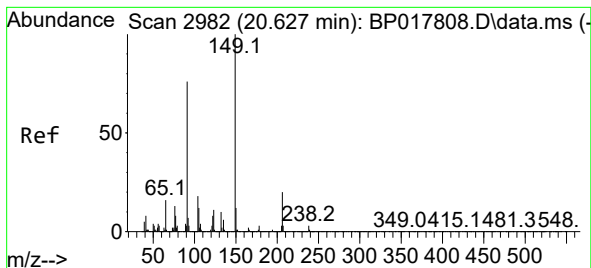
Ion Ratio Lower Upper

202 100

101 11.2 8.3 12.5

100 9.8 7.4 11.0





#83

Butylbenzylphthalate

Concen: 25.239 ng/ul

RT: 20.627 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

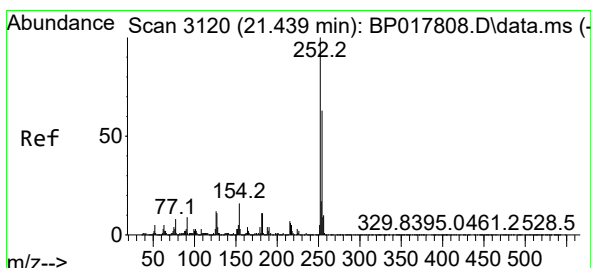
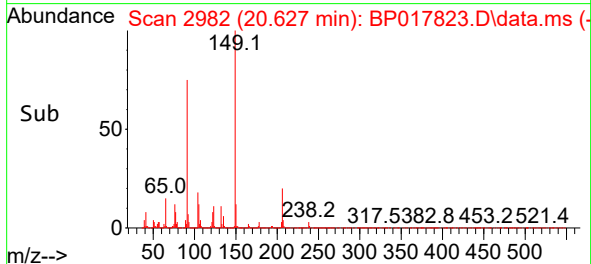
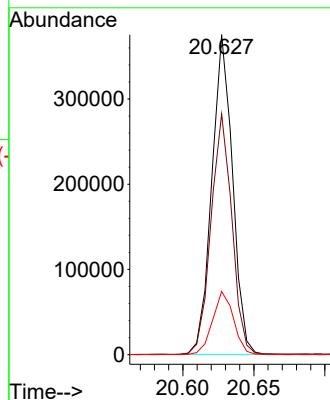
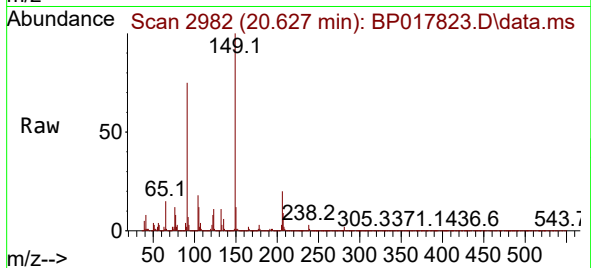
Tgt Ion:149 Resp: 378910

Ion Ratio Lower Upper

149 100

91 75.2 58.8 88.2

206 19.8 17.5 26.3



#84

3,3'-Dichlorobenzidine

Concen: 19.341 ng/ul

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

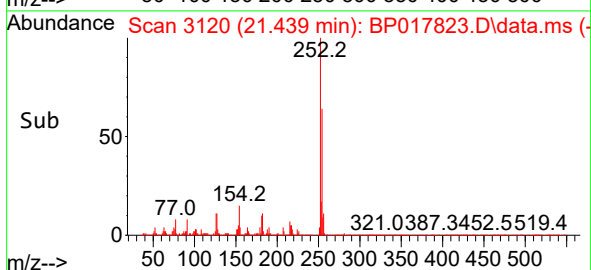
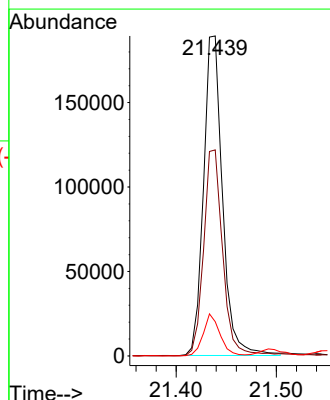
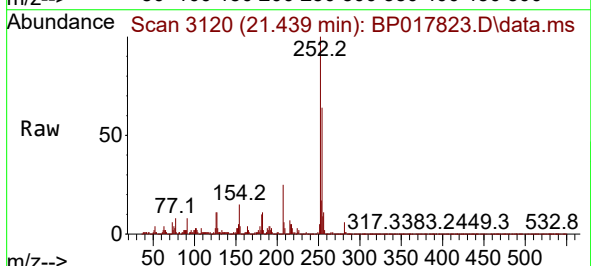
Tgt Ion:252 Resp: 249926

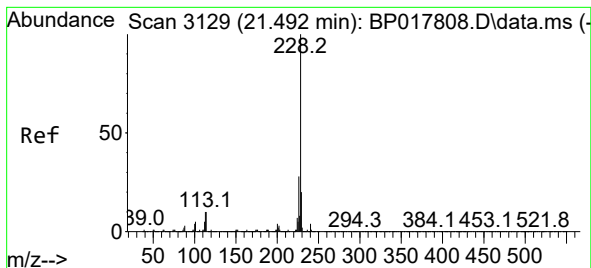
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 10.7 7.8 11.6





#85

Benzo(a)anthracene

Concen: 20.238 ng/ul

RT: 21.492 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

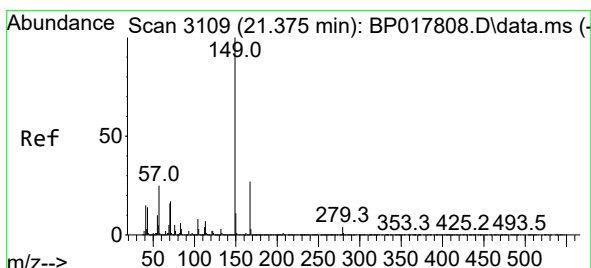
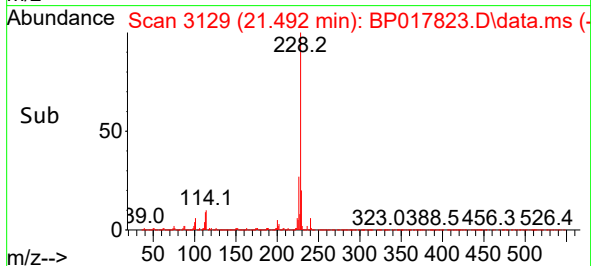
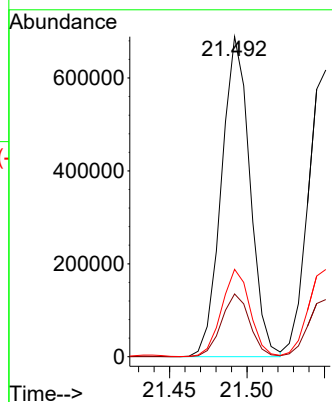
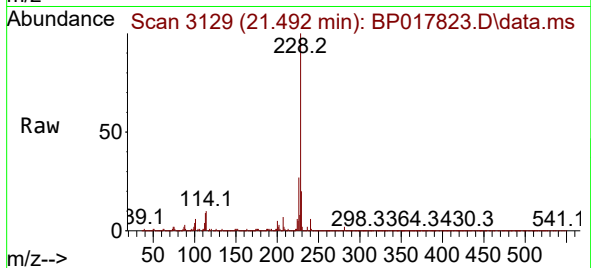
Tgt Ion:228 Resp: 879967

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.3 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.789 ng/ul

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

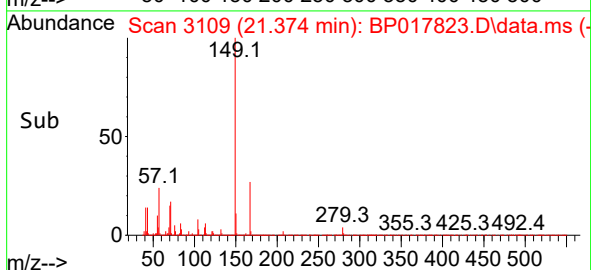
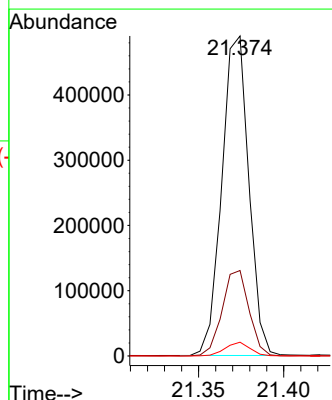
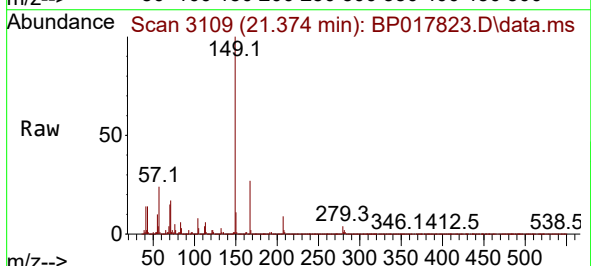
Tgt Ion:149 Resp: 540456

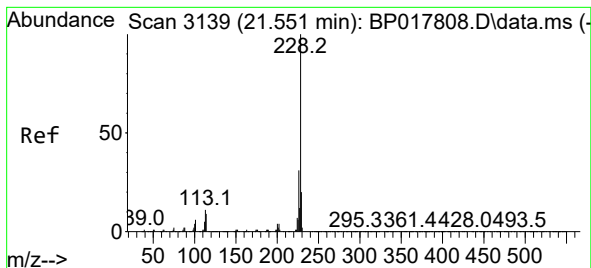
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

279 4.3 3.6 5.4





#87

Chrysene

Concen: 19.715 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

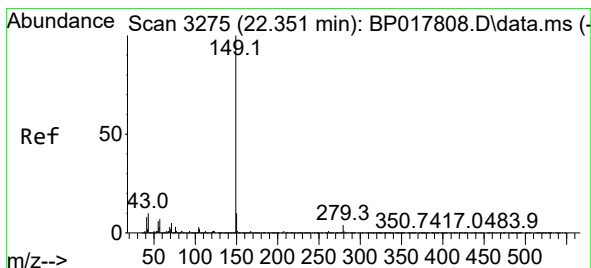
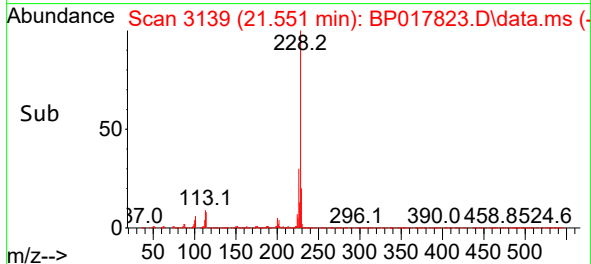
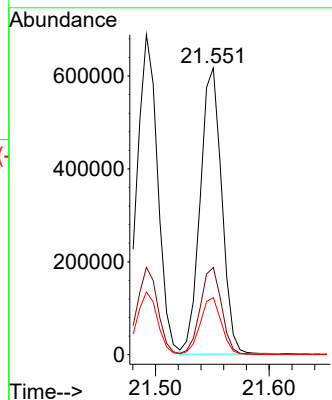
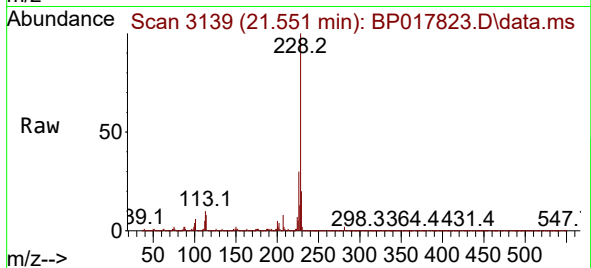
Tgt Ion:228 Resp: 810621

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 24.916 ng/ul

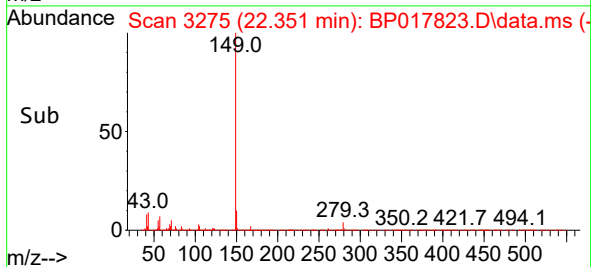
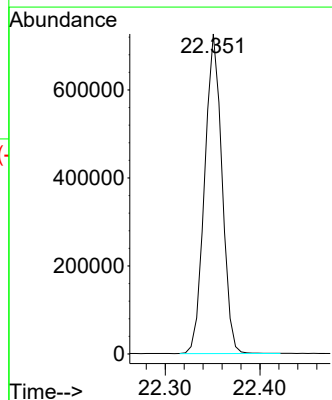
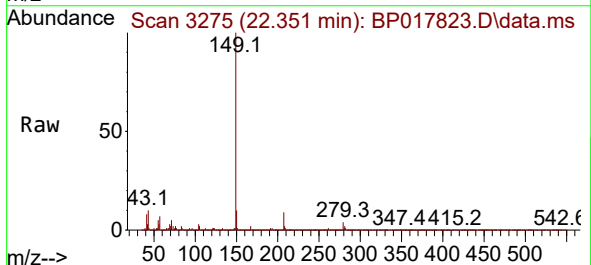
RT: 22.351 min Scan# 3275

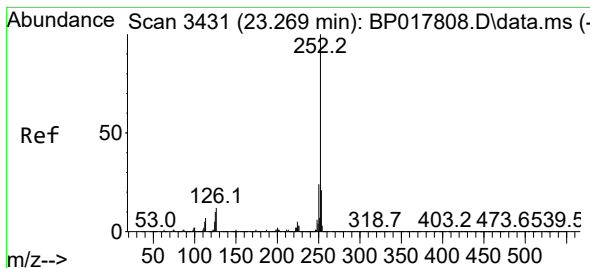
Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Tgt Ion:149 Resp: 919112





#90

Benzo(b)fluoranthene

Concen: 20.487 ng/ul

RT: 23.268 min Scan# 3431

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

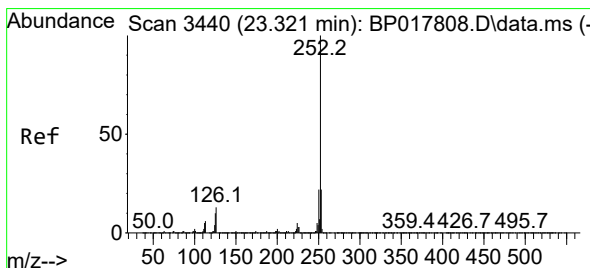
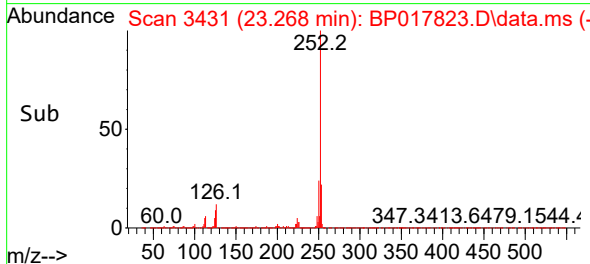
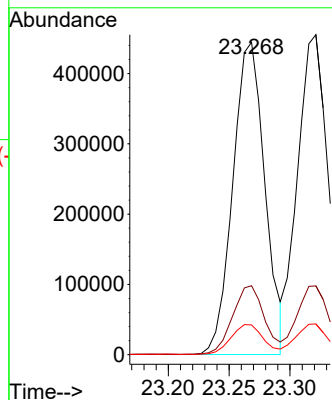
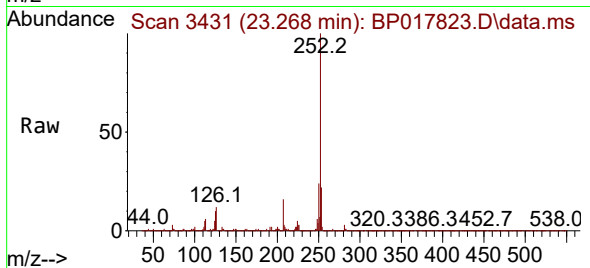
Tgt Ion:252 Resp: 811992

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.5 7.1 10.7



#91

Benzo(k)fluoranthene

Concen: 20.037 ng/ul

RT: 23.321 min Scan# 3440

Delta R.T. -0.006 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

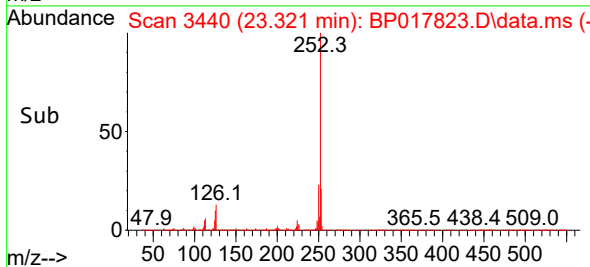
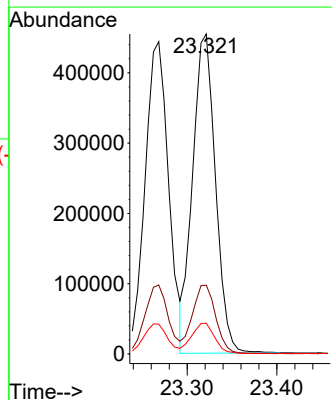
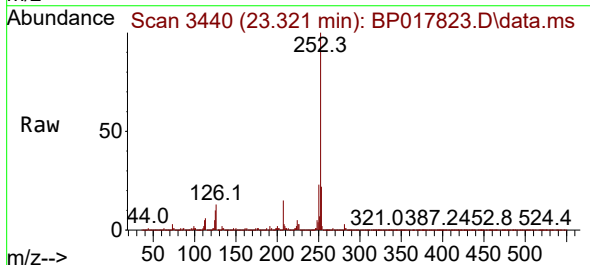
Tgt Ion:252 Resp: 804871

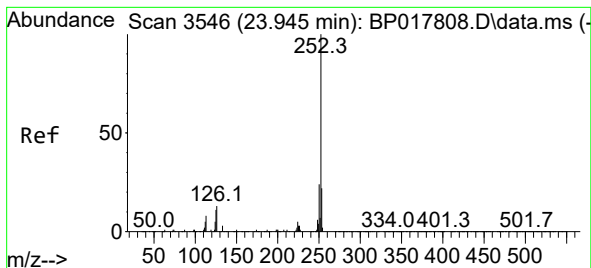
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.6 7.0 10.6





#93

Benzo(a)pyrene

Concen: 20.355 ng/ul

RT: 23.945 min Scan# 3546

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

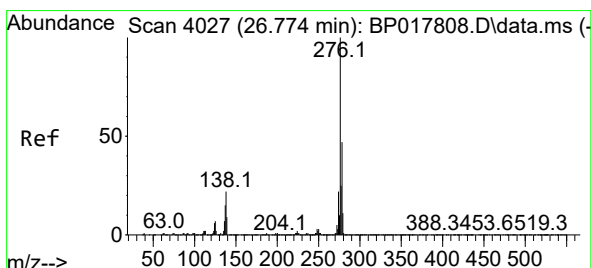
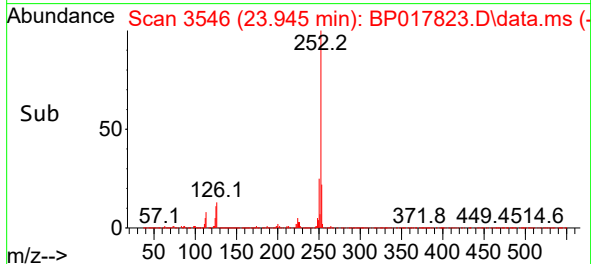
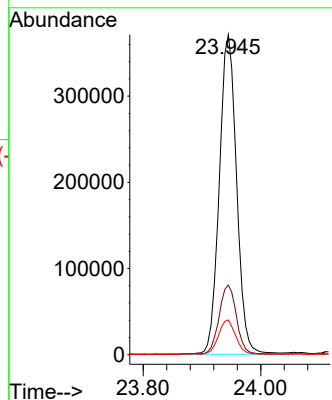
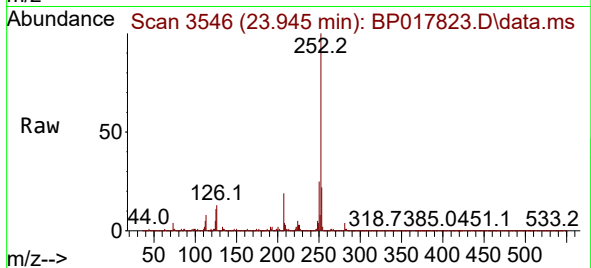
Tgt Ion:252 Resp: 757389

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.8 7.8 11.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.475 ng/ul

RT: 26.768 min Scan# 4026

Delta R.T. -0.012 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

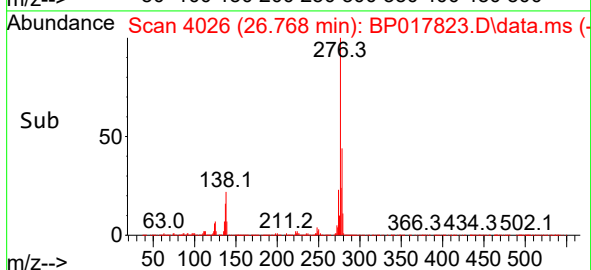
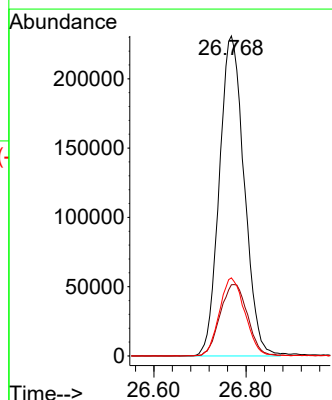
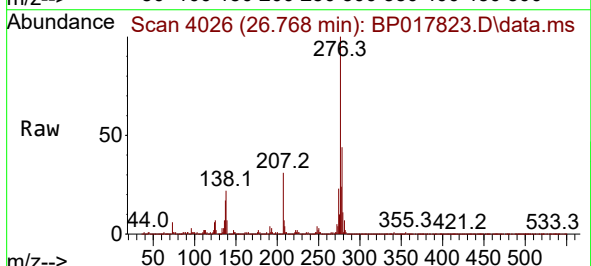
Tgt Ion:276 Resp: 863669

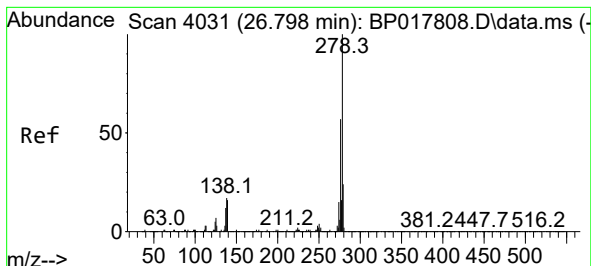
Ion Ratio Lower Upper

276 100

138 22.2 15.6 23.4

277 24.4 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 19.240 ng/ul

RT: 26.792 min Scan# 4119

Delta R.T. -0.018 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Instrument :

BNA_P

ClientSampleId :

SSTD020796

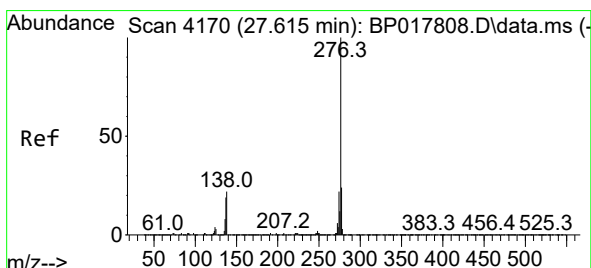
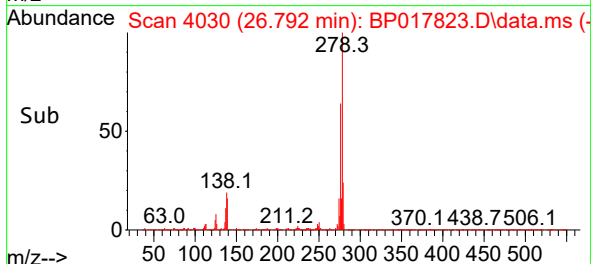
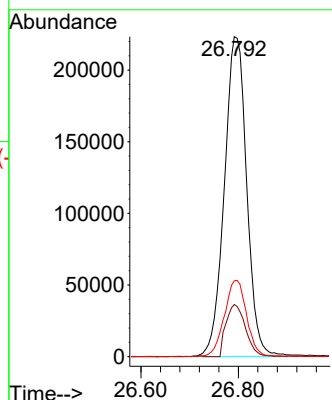
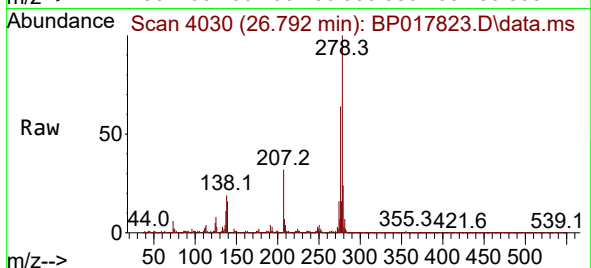
Tgt Ion:278 Resp: 711927

Ion Ratio Lower Upper

278 100

139 16.3 11.4 17.2

279 23.7 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 19.234 ng/ul

RT: 27.609 min Scan# 4169

Delta R.T. -0.018 min

Lab File: BP017823.D

Acq: 26 Oct 2023 03:46

Tgt Ion:276 Resp: 687226

Ion Ratio Lower Upper

276 100

138 21.7 15.0 22.6

277 23.1 18.5 27.7

