

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012238.D
 Acq On : 21 Oct 2022 10:55
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 21 22:29:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	385921	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1589162	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	919448	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	1612080	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1447814	20.000	ng/ul	0.00
88) Perylene-d12	23.727	264	1578757	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	80405	8.432	ng/uL	0.00
4) Pyridine-d5	3.675	84	598605	21.785	ng/ul	0.00
7) Phenol-d5	6.993	99	692211	20.776	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	419846	20.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	553910	21.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	539236	20.825	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	267054	22.703	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	286548	22.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	528191	22.187	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	714865	21.135	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	1356247	21.205	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1624516	22.252	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.687	143	202654	16.913	ng/ul	0.00
60) Fluorene-d10	15.469	176	1152233	20.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	146869	16.015	ng/ul	0.00
73) Anthracene-d10	17.334	188	1559548	22.070	ng/ul	0.00
81) Pyrene-d10	19.575	212	1580952	19.179	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	1727048	21.814	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	87539	8.530	ng/uL	97
5) Pyridine	3.699	79	578154	21.406	ng/ul	93
6) Benzaldehyde	6.969	77	371420	23.718	ng/ul	96
8) Phenol	7.016	94	729720	20.935	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.252	93	596417	21.200	ng/ul	99
12) 2-Chlorophenol	7.387	128	592636	21.658	ng/ul	99
13) 2-Methylphenol	8.269	108	548052	20.885	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	763795	20.416	ng/ul	100
16) Acetophenone	8.652	105	860770	21.520	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.640	70	426484	21.064	ng/ul	99
18) 4-Methylphenol	8.599	108	600630	21.017	ng/ul	95
19) Hexachloroethane	8.899	117	230344	21.312	ng/ul	99
22) Nitrobenzene	9.034	77	637078	22.229	ng/ul	98
23) Isophorone	9.563	82	1180971	21.468	ng/ul	100
25) 2-Nitrophenol	9.746	139	325732	22.590	ng/ul	98
26) 2,4-Dimethylphenol	9.805	107	630405	22.179	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	777830	21.600	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	541947	21.999	ng/ul	99
30) Naphthalene	10.675	128	1843205	21.687	ng/ul	100
32) 4-Chloroaniline	10.799	127	739778	21.190	ng/ul	98
33) Hexachlorobutadiene	10.957	225	348965	22.522	ng/ul	99
34) Caprolactam	11.587	113	130509	17.066	ng/ul	97
35) 4-Chloro-3-methylphenol	11.922	107	546995	20.566	ng/ul	99
36) 2-Methylnaphthalene	12.293	142	1231455	21.295	ng/ul	99

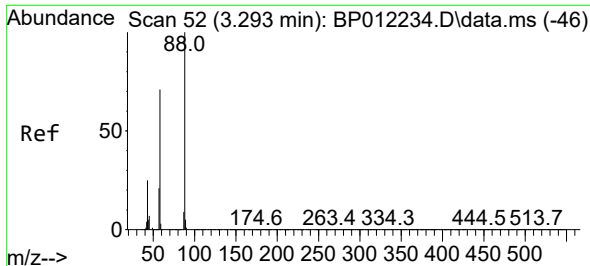
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1220372	21.135	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	657990	23.552	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	222648	14.990	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	403130	22.358	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	422972	21.504	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	1558989	22.798	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	1227103	22.633	ng/ul	100
45) 2-Nitroaniline	13.563	65	303347	21.046	ng/ul	99
47) Dimethylphthalate	13.934	163	1409993	21.038	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	272252	21.230	ng/ul	98
50) Acenaphthylene	14.193	152	1810593	22.258	ng/ul	100
51) 3-Nitroaniline	14.393	138	270830	20.007	ng/ul	96
52) Acenaphthene	14.540	153	1255373	21.822	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	108454	14.084	ng/ul	94
55) 4-Nitrophenol	14.698	109	152339	17.113	ng/ul	98
56) Dibenzofuran	14.875	168	1688040	21.434	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	360118	19.677	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	331286	19.923	ng/ul	99
59) Diethylphthalate	15.298	149	1338484	20.320	ng/ul	99
61) Fluorene	15.528	166	1314395	21.066	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	670932	21.578	ng/ul	100
63) 4-Nitroaniline	15.557	138	237887	18.721	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	157698	16.380	ng/ul	99
67) N-Nitrosodiphenylamine	15.740	169	1107908	23.679	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	406825	23.835	ng/ul	98
69) Hexachlorobenzene	16.534	284	468078	23.265	ng/ul	99
70) Atrazine	16.698	200	347385	21.268	ng/ul	100
71) Pentachlorophenol	16.881	266	221930	18.274	ng/ul	99
72) Phenanthrene	17.275	178	1901751	21.949	ng/ul	100
74) Anthracene	17.369	178	1908757	22.266	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	640164	26.612	ng/ul	100
76) Pentachlorobenzene	14.793	250	649675	25.640	ng/ul	98
77) Carbazole	17.645	167	1614080	21.334	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1943533	21.414	ng/ul	100
80) Fluoranthene	19.245	202	1961688	19.259	ng/ul	98
82) Pyrene	19.598	202	2045588	19.629	ng/ul	98
83) Butylbenzylphthalate	20.475	149	745552	18.394	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.245	252	616774	19.560	ng/ul	99
85) Benzo(a)anthracene	21.310	228	2038768	21.606	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1023547	18.024	ng/ul	99
87) Chrysene	21.363	228	1900026	21.578	ng/ul	100
89) Di-n-octyl phthalate	22.157	149	1808074	16.558	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	2225457	21.152	ng/ul	99
91) Benzo(k)fluoranthene	23.045	252	2086600	20.119	ng/ul	99
93) Benzo(a)pyrene	23.621	252	1941146	21.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	2446905	23.493	ng/ul	98
95) Dibenzo(a,h)anthracene	26.245	278	2228872	23.737	ng/ul	99
96) Benzo(g,h,i)perylene	26.998	276	2102180	21.496	ng/ul	99

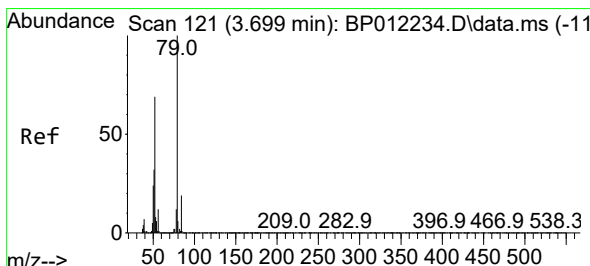
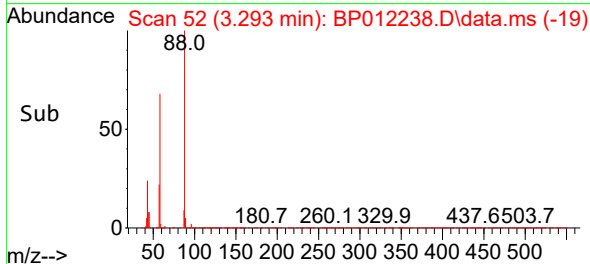
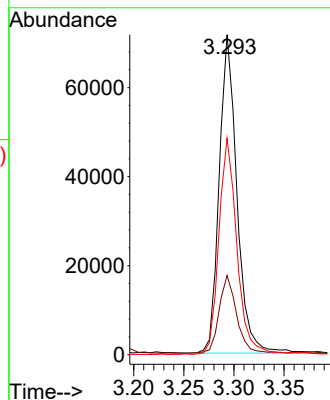
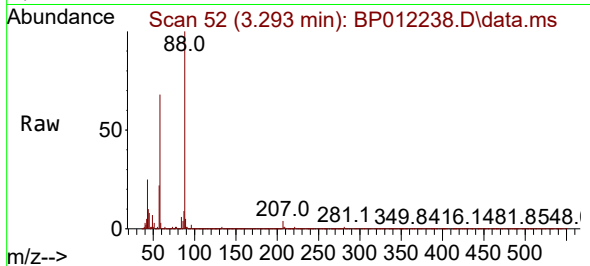
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#2
1,4-Dioxane
Concen: 8.530 ng/uL
RT: 3.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: BP012238.D
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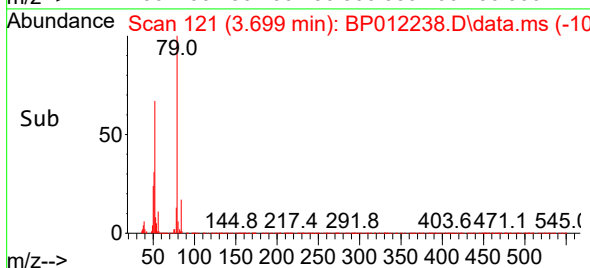
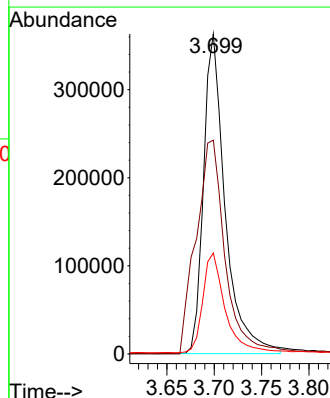
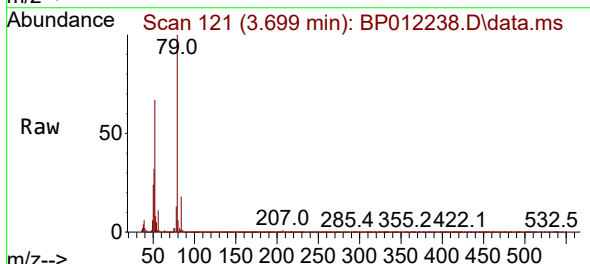
Instrument :
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ClientSampleId :

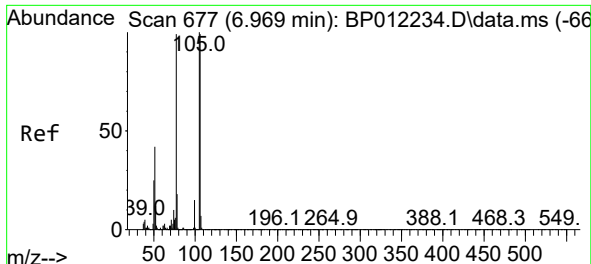
Tgt Ion: 88 Resp: 87539
Ion Ratio Lower Upper
88 100
43 24.8 20.6 30.8
58 67.6 56.1 84.1



#5
Pyridine
Concen: 21.406 ng/uL
RT: 3.699 min Scan# 121
Delta R.T. 0.000 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 79 Resp: 578154
Ion Ratio Lower Upper
79 100
52 66.8 59.4 89.2
51 31.5 26.5 39.7

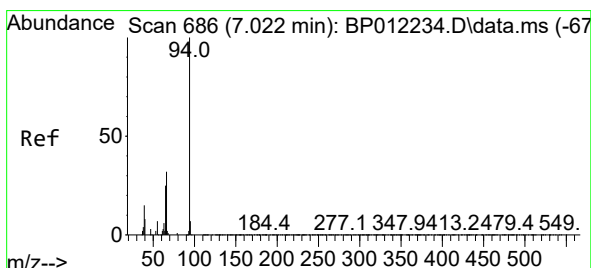
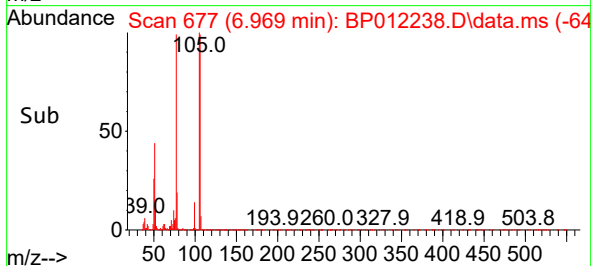
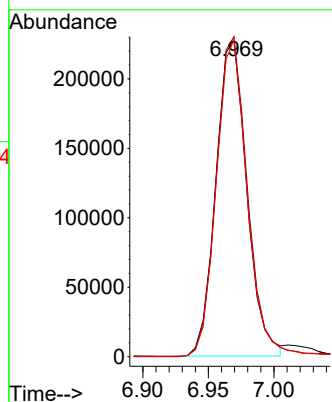
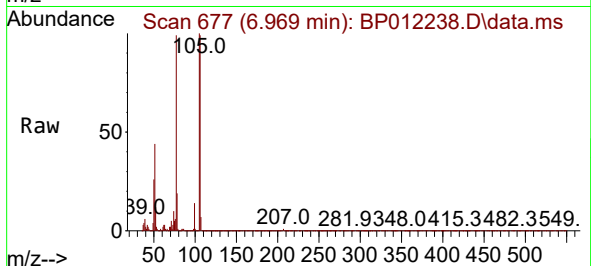




#6
Benzaldehyde
Concen: 23.718 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

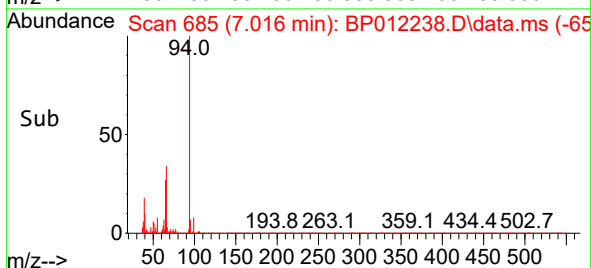
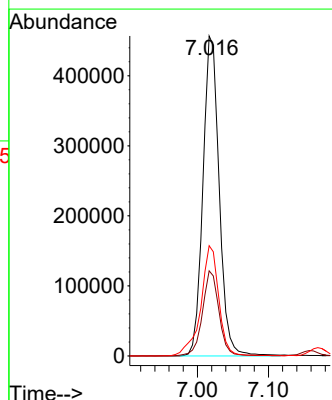
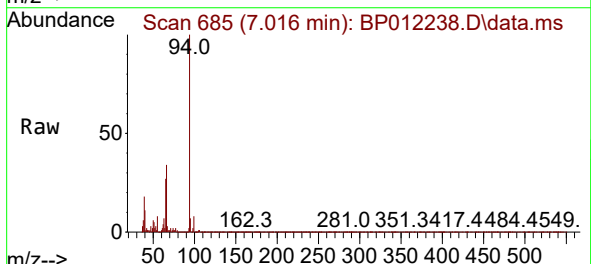
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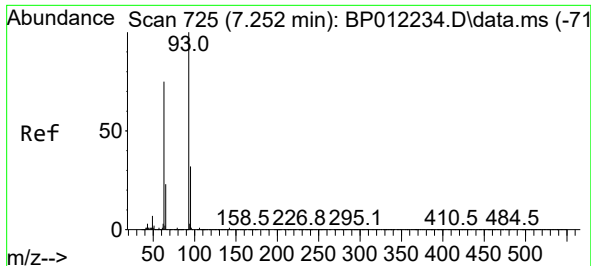
Tgt Ion: 77 Resp: 371420
Ion Ratio Lower Upper
77 100
105 101.2 79.0 118.6
106 100.3 76.4 114.6



#8
Phenol
Concen: 20.935 ng/ul
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 94 Resp: 729720
Ion Ratio Lower Upper
94 100
65 26.6 20.6 31.0
66 34.4 26.2 39.4

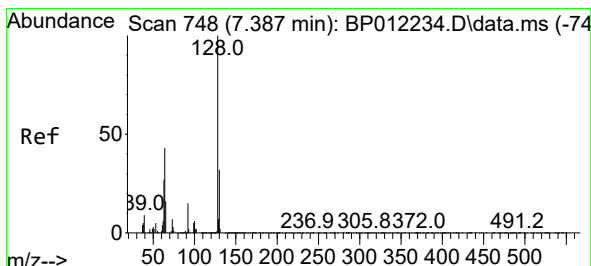
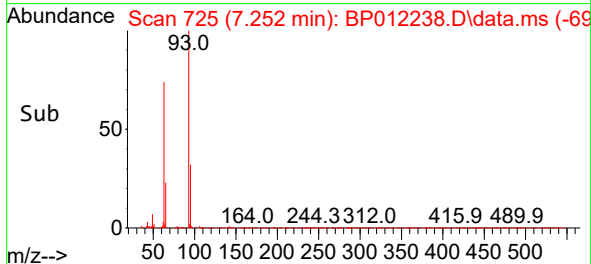
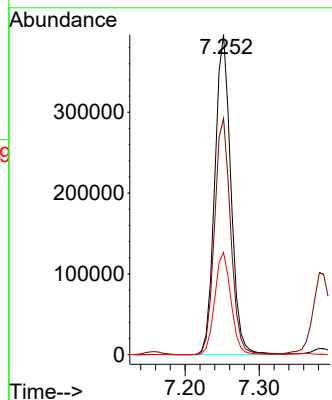
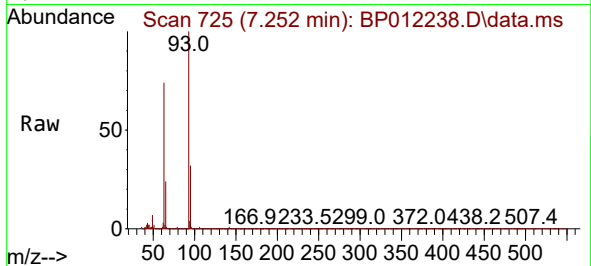




#10
 Bis(2-Chloroethyl)ether
 Concen: 21.200 ng/ul
 RT: 7.252 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

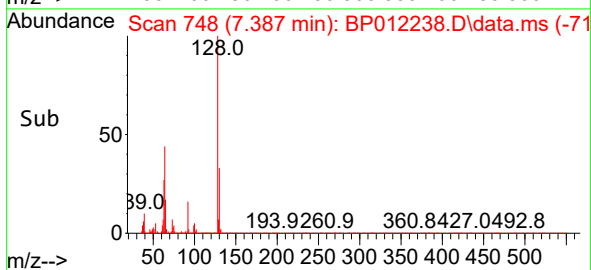
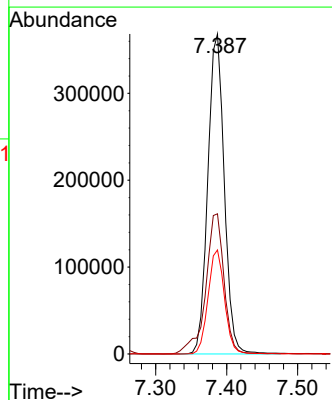
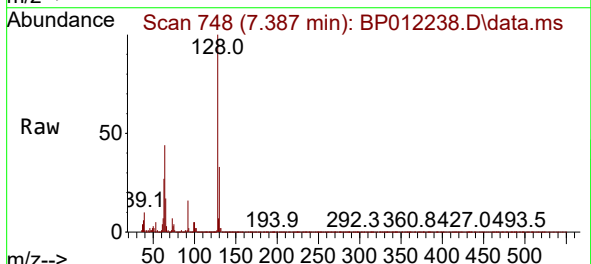
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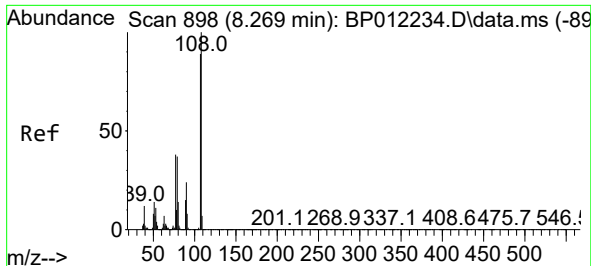
Tgt Ion: 93 Resp: 596417
 Ion Ratio Lower Upper
 93 100
 63 73.9 60.2 90.2
 95 32.0 26.1 39.1



#12
 2-Chlorophenol
 Concen: 21.658 ng/ul
 RT: 7.387 min Scan# 748
 Delta R.T. -0.006 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

Tgt Ion:128 Resp: 592636
 Ion Ratio Lower Upper
 128 100
 64 43.8 35.4 53.2
 130 32.5 26.1 39.1





#13

2-Methylphenol

Concen: 20.885 ng/ul

RT: 8.269 min Scan# 898

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

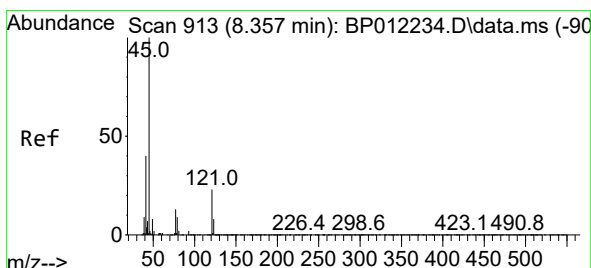
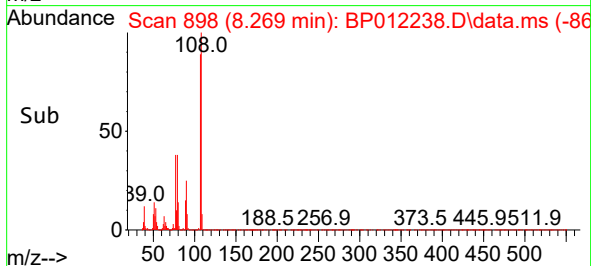
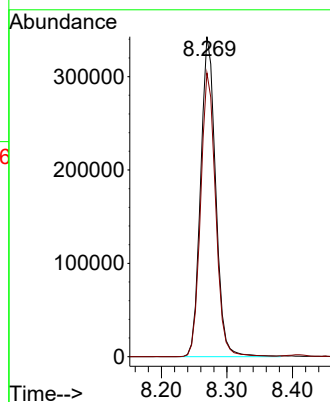
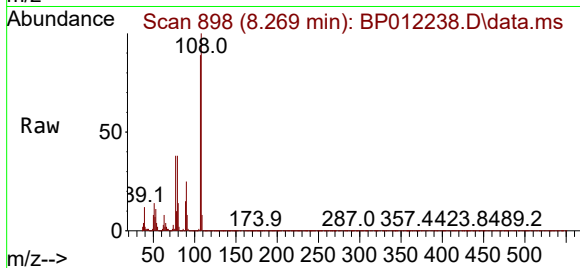
ClientSampleId :

Tgt Ion:108 Resp: 548052

Ion Ratio Lower Upper

108 100

107 88.7 71.1 106.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.416 ng/ul

RT: 8.352 min Scan# 912

Delta R.T. -0.012 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

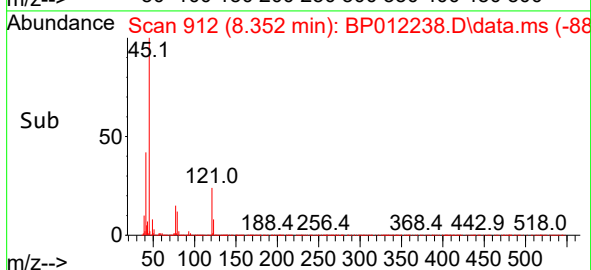
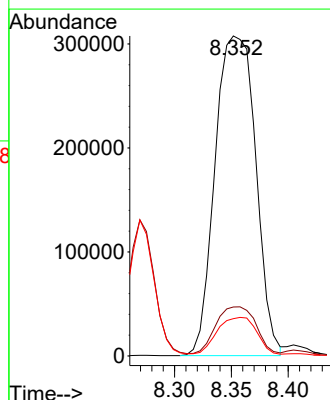
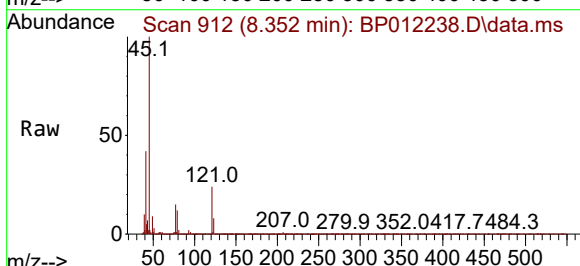
Tgt Ion: 45 Resp: 763795

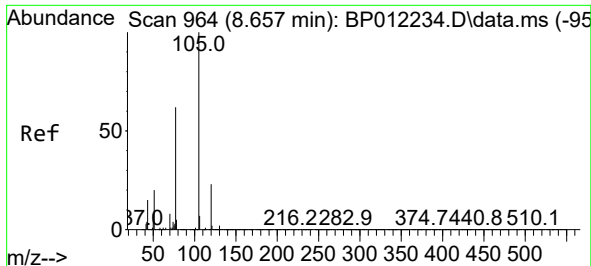
Ion Ratio Lower Upper

45 100

77 15.3 12.1 18.1

79 11.6 9.3 13.9

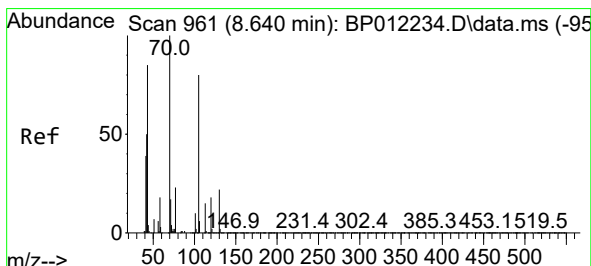
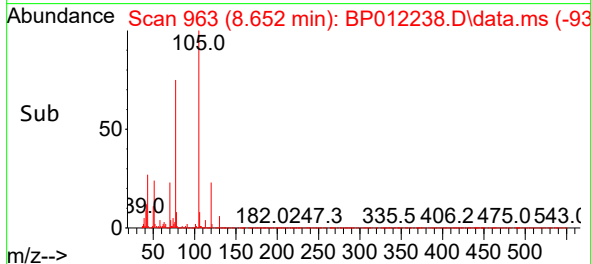
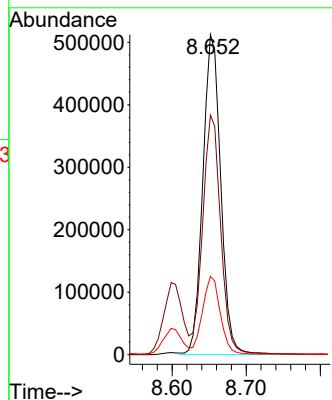
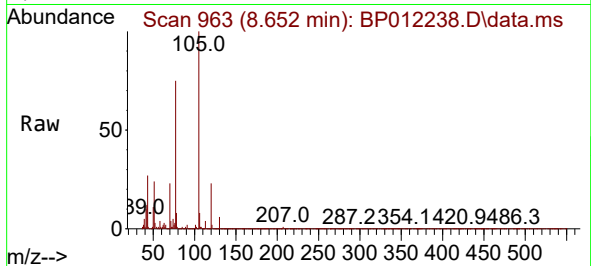




#16
Acetophenone
Concen: 21.520 ng/ul
RT: 8.652 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

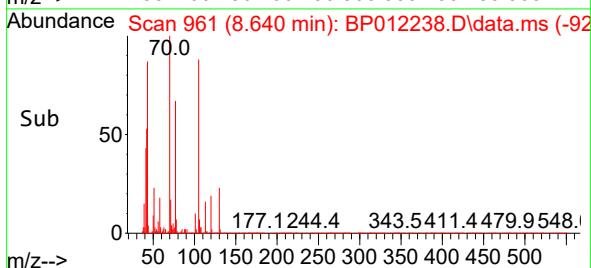
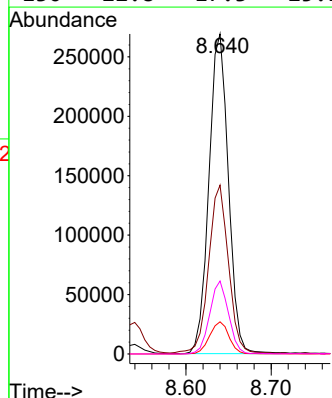
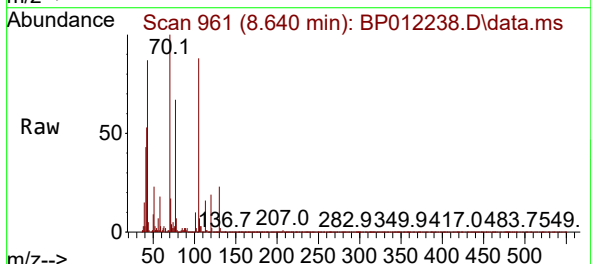
Instrument :
BNA_P
ClientSampleId :

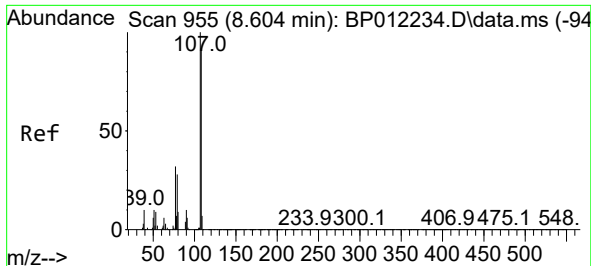
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Ion Ratio Lower Upper
105 100
77 74.9 60.0 90.0
51 24.5 20.1 30.1



#17
N-Nitroso-di-n-propylamine
Concen: 21.064 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 70 Resp: 426484
Ion Ratio Lower Upper
70 100
42 52.7 42.4 63.6
101 10.0 7.6 11.4
130 22.8 17.3 25.9

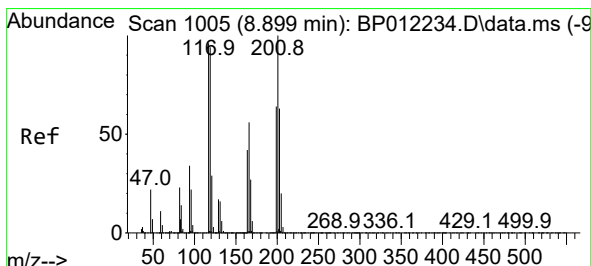
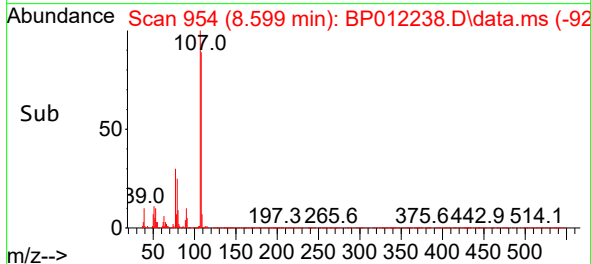
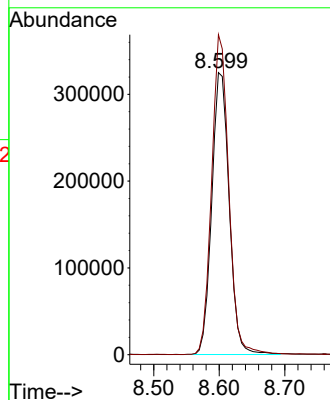
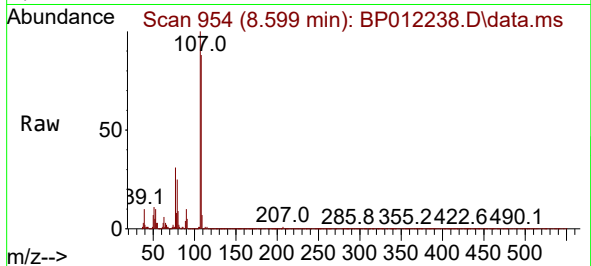




#18
4-Methylphenol
Concen: 21.017 ng/ul
RT: 8.599 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

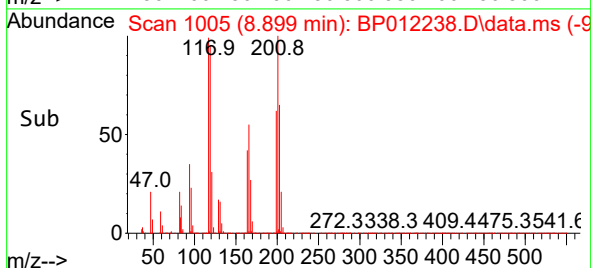
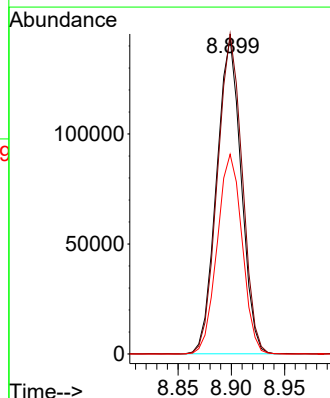
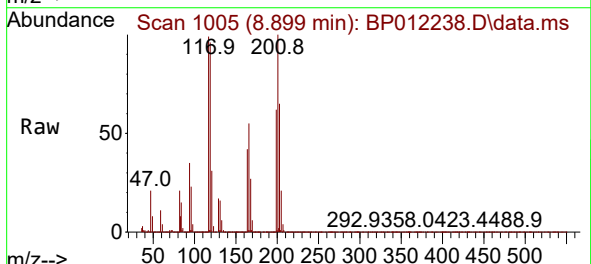
Instrument :
BNA_P
ClientSampleId :

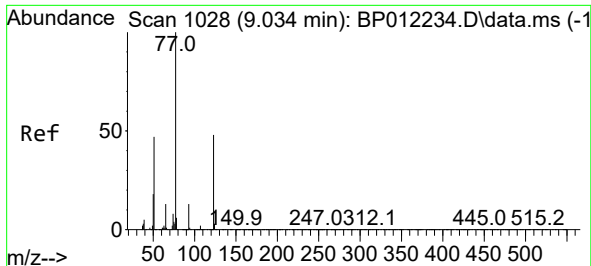
Tgt Ion:108 Resp: 600630
Ion Ratio Lower Upper
108 100
107 113.5 86.6 130.0



#19
Hexachloroethane
Concen: 21.312 ng/ul
RT: 8.899 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:117 Resp: 230344
Ion Ratio Lower Upper
117 100
201 101.3 79.7 119.5
199 63.2 50.7 76.1

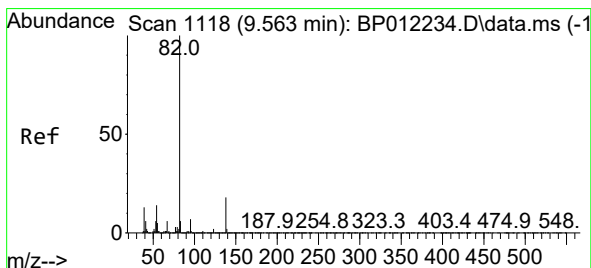
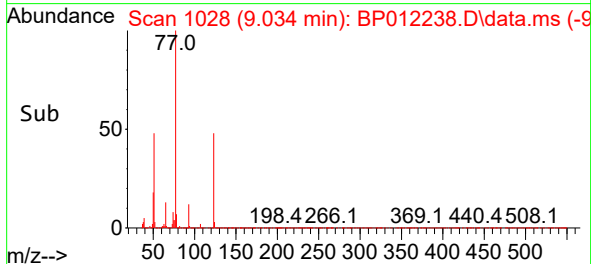
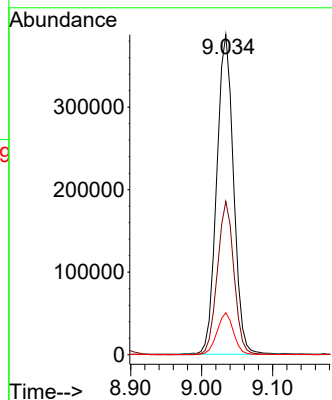
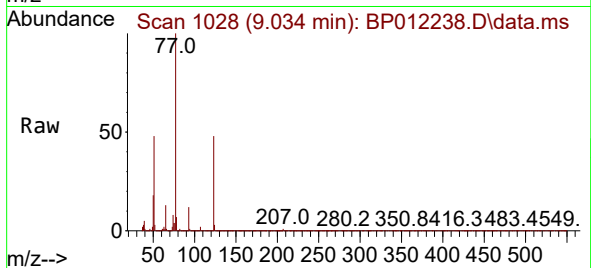




#22
Nitrobenzene
Concen: 22.229 ng/ul
RT: 9.034 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

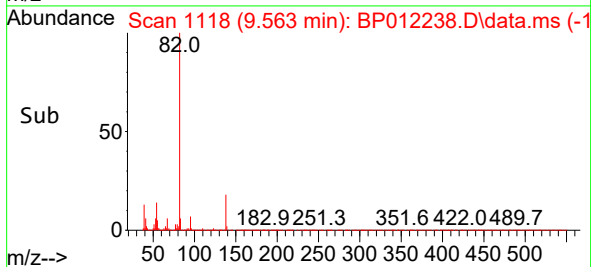
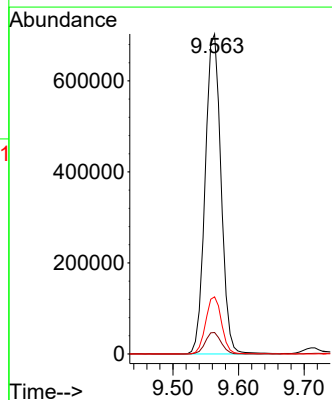
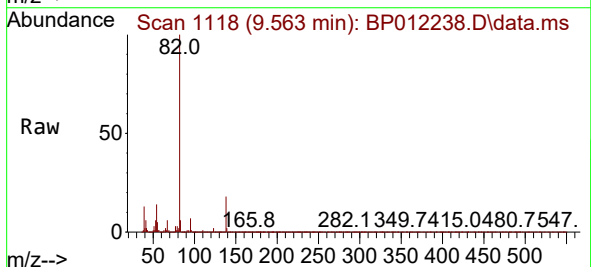
Instrument :
BNA_P
ClientSampleId :

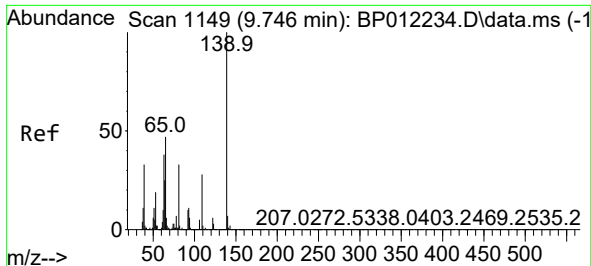
Tgt Ion: 77 Resp: 637078
Ion Ratio Lower Upper
77 100
123 47.9 37.1 55.7
65 13.1 10.0 15.0



#23
Isophorone
Concen: 21.468 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion: 82 Resp: 1180971
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.9 14.5 21.7

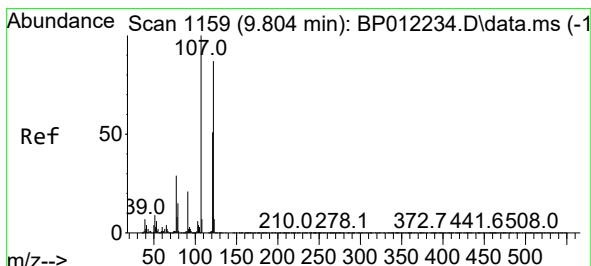
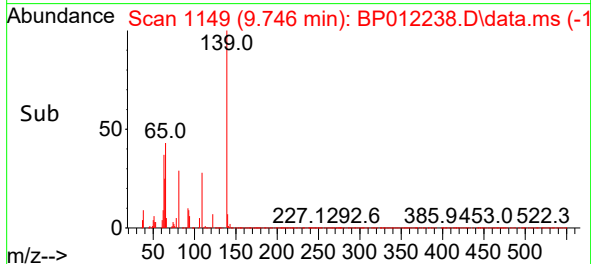
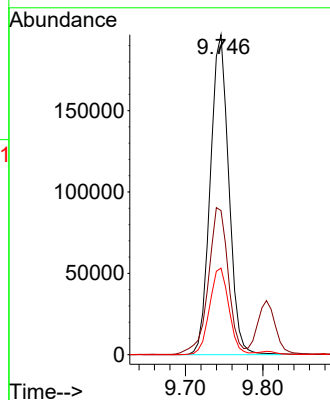
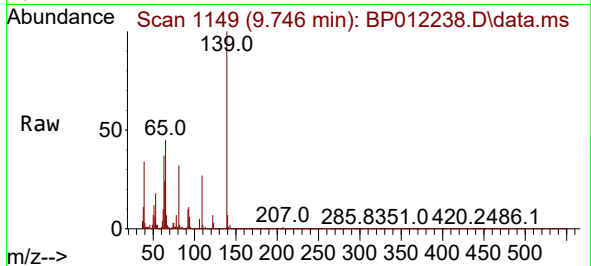




#25
2-Nitrophenol
Concen: 22.590 ng/ul
RT: 9.746 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

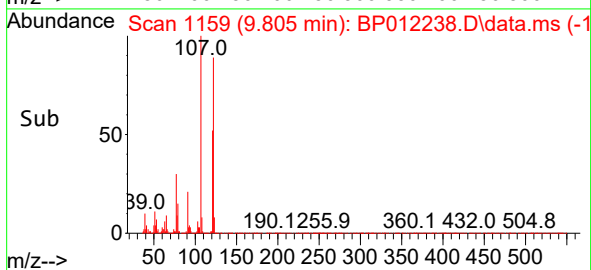
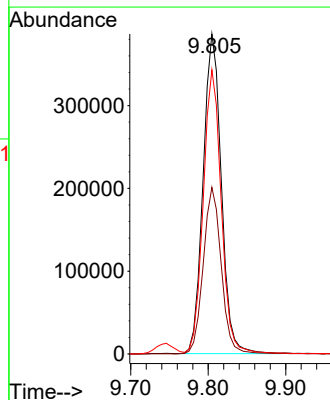
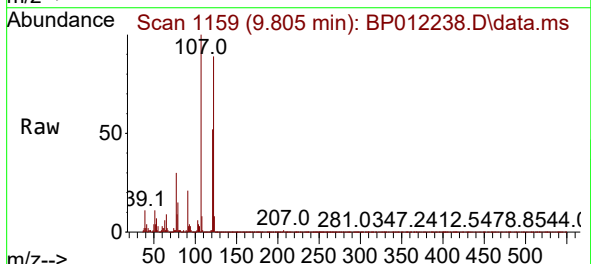
Instrument :
BNA_P
ClientSampleId :

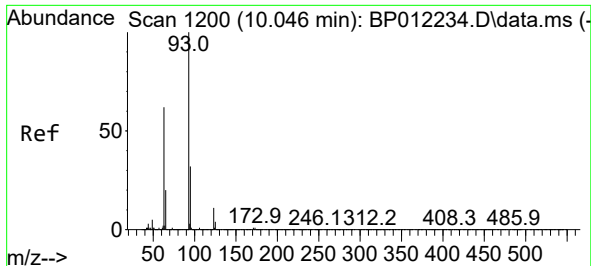
Tgt Ion:139 Resp: 325732
Ion Ratio Lower Upper
139 100
65 45.1 38.0 57.0
109 27.0 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 22.179 ng/ul
RT: 9.805 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:107 Resp: 630405
Ion Ratio Lower Upper
107 100
121 52.1 40.6 60.8
122 88.8 71.0 106.6





#27

Bis(2-Chloroethoxy)methane

Concen: 21.600 ng/ul

RT: 10.046 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

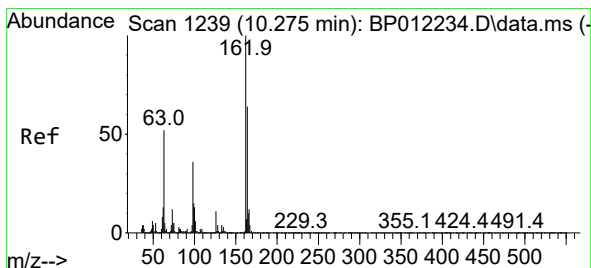
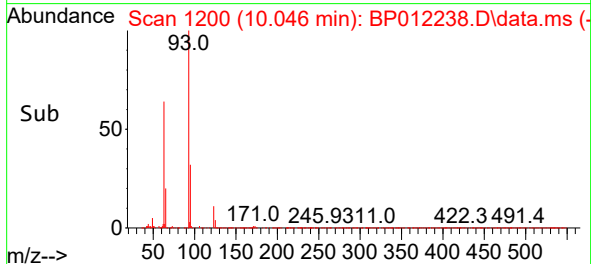
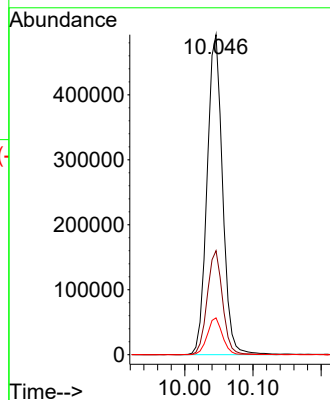
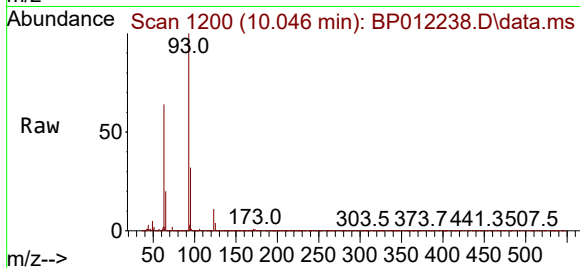
Tgt Ion: 93 Resp: 777830

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 11.5 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 21.999 ng/ul

RT: 10.275 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

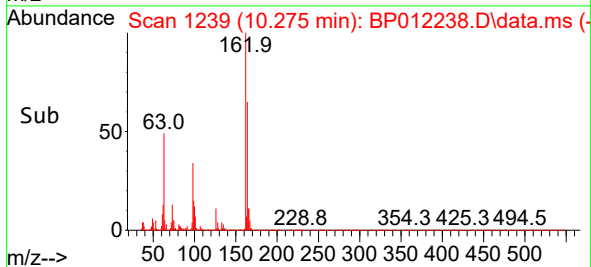
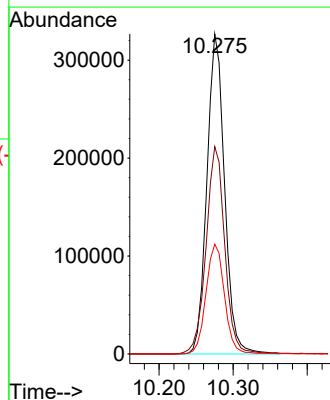
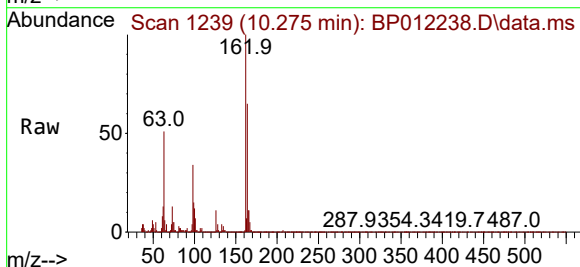
Tgt Ion:162 Resp: 541947

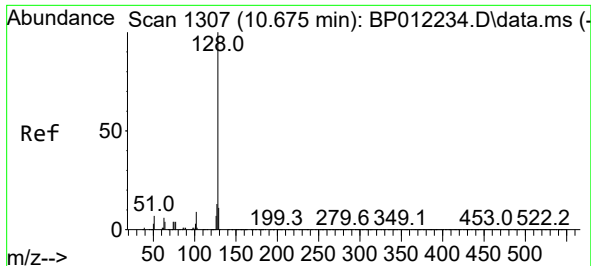
Ion Ratio Lower Upper

162 100

164 64.8 51.2 76.8

98 34.3 28.3 42.5

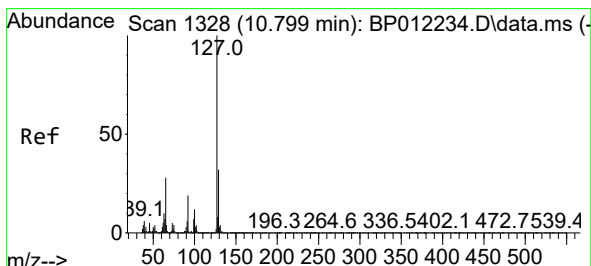
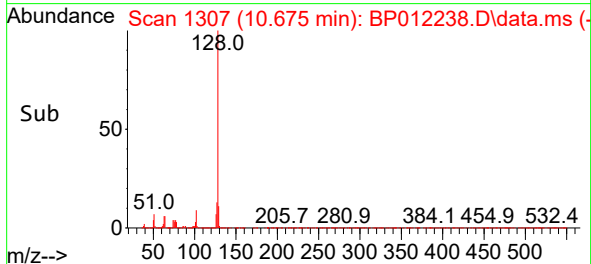
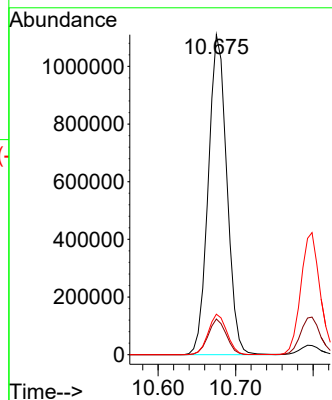
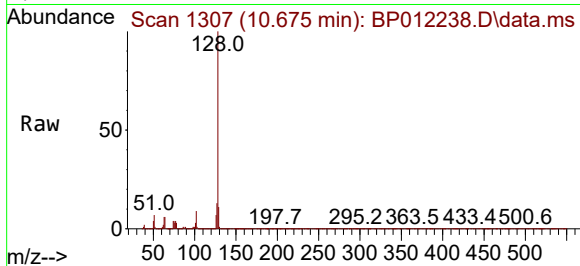




#30
Naphthalene
Concen: 21.687 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

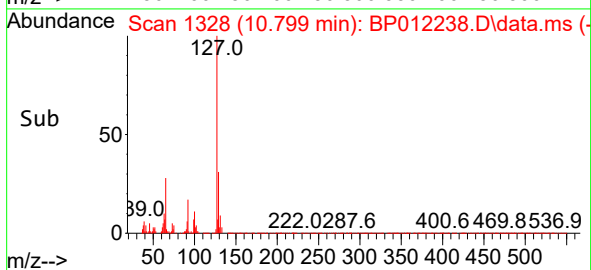
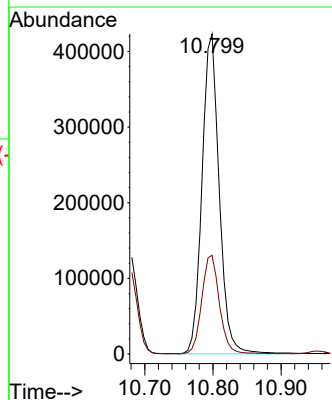
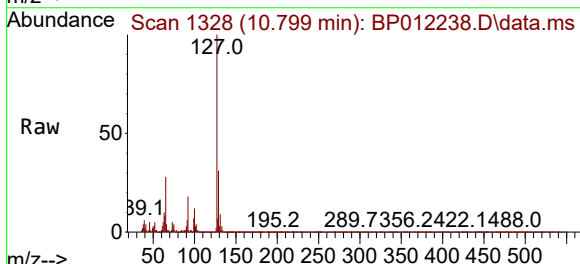
Instrument :
BNA_P
ClientSampleId :

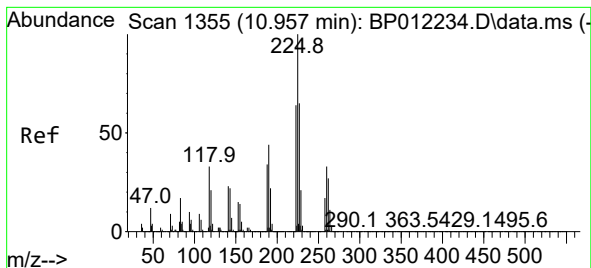
Tgt Ion:128 Resp: 1843205
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 21.190 ng/ul
RT: 10.799 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:127 Resp: 739778
Ion Ratio Lower Upper
127 100
129 30.8 25.6 38.4





#33

Hexachlorobutadiene

Concen: 22.522 ng/ul

RT: 10.957 min Scan# 1355

Delta R.T. -0.006 min

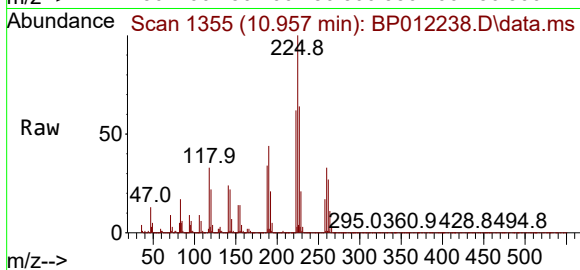
Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :



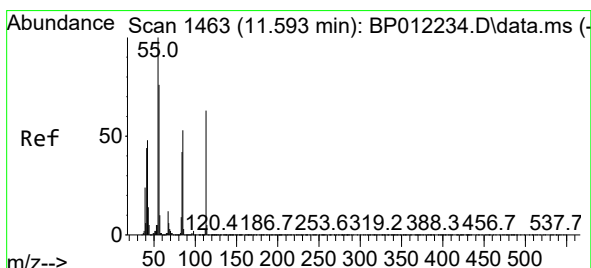
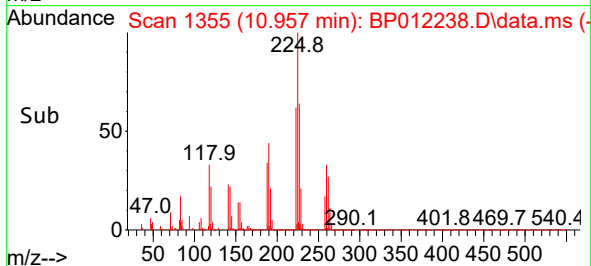
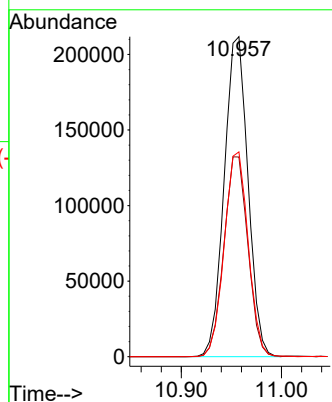
Tgt Ion:225 Resp: 348965

Ion Ratio Lower Upper

225 100

223 62.4 50.2 75.4

227 64.0 51.9 77.9



#34

Caprolactam

Concen: 17.066 ng/ul

RT: 11.587 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

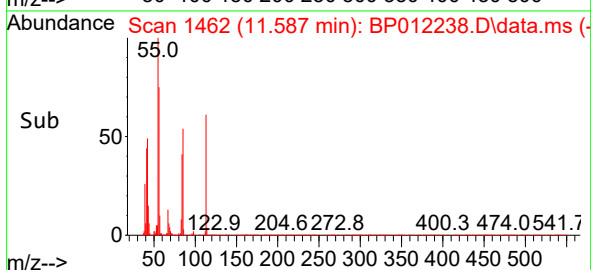
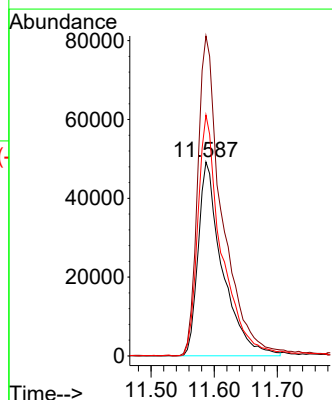
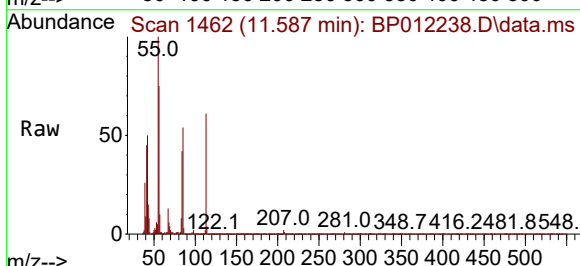
Tgt Ion:113 Resp: 130509

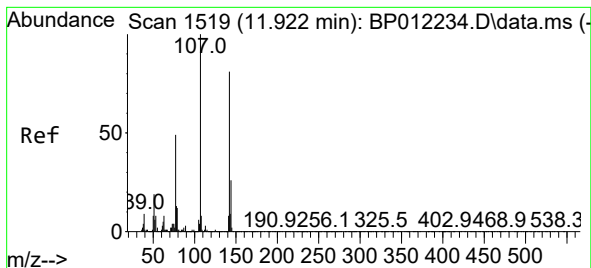
Ion Ratio Lower Upper

113 100

55 165.1 133.7 200.5

56 124.3 95.4 143.2

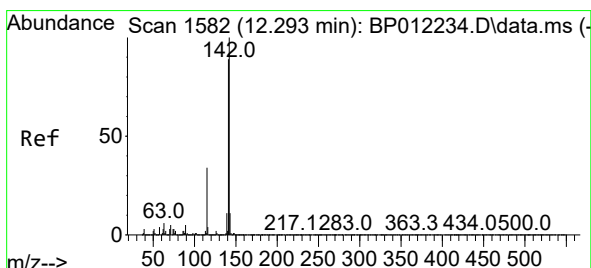
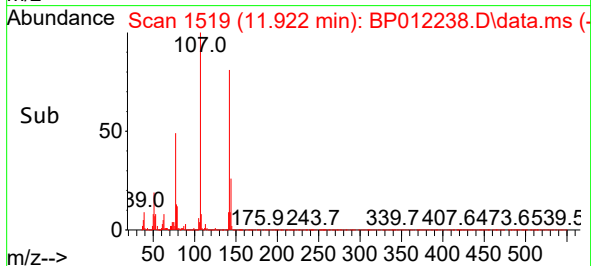
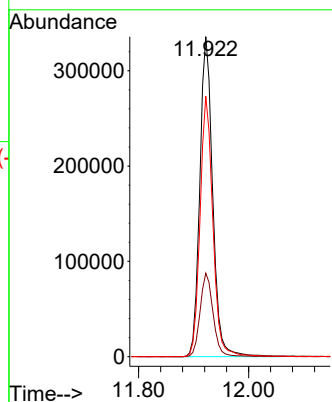
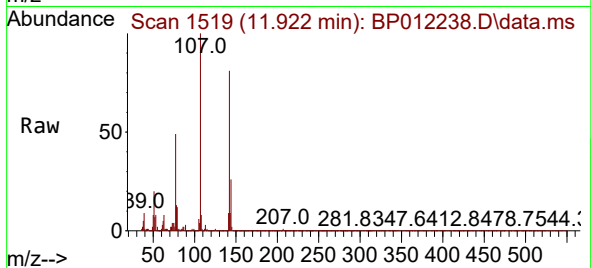




#35
4-Chloro-3-methylphenol
Concen: 20.566 ng/ul
RT: 11.922 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

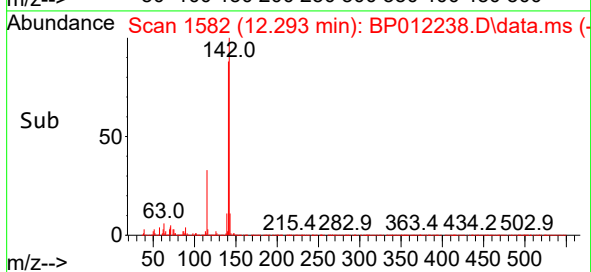
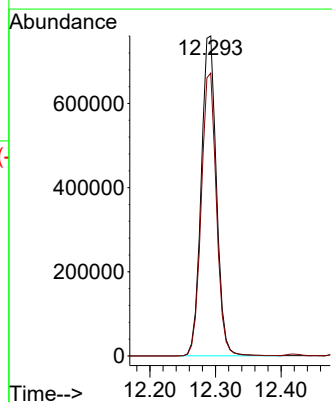
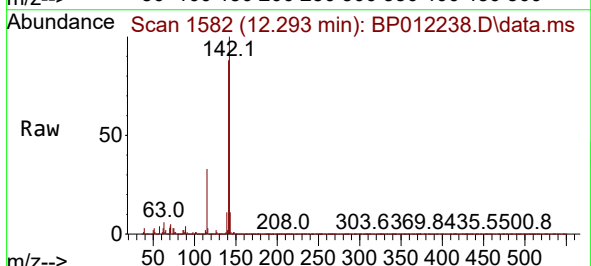
Instrument :
BNA_P
ClientSampleId :

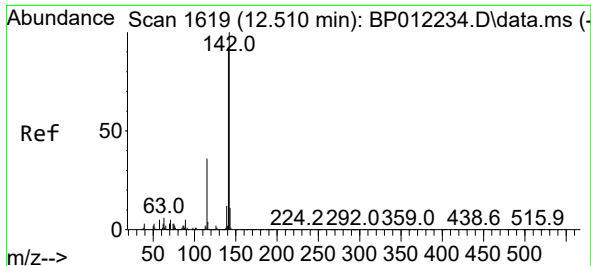
Tgt Ion:107 Resp: 546995
Ion Ratio Lower Upper
107 100
144 26.1 21.2 31.8
142 81.4 65.5 98.3



#36
2-Methylnaphthalene
Concen: 21.295 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:142 Resp: 1231455
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5





#37

1-Methylnaphthalene

Concen: 21.135 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

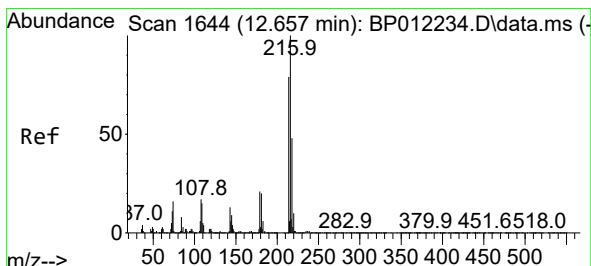
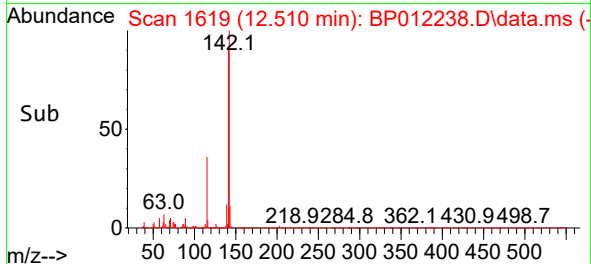
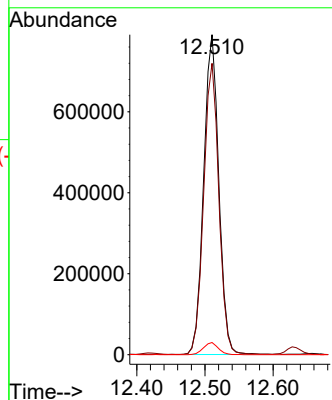
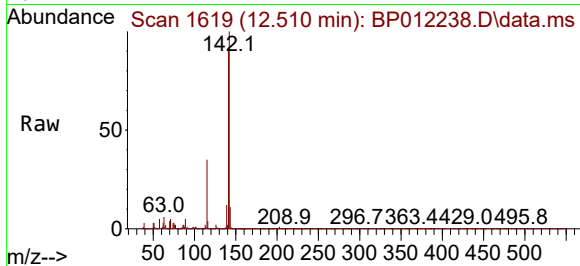
Tgt Ion:142 Resp: 1220372

Ion Ratio Lower Upper

142 100

141 91.0 73.4 110.0

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.552 ng/ul

RT: 12.657 min Scan# 1644

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Tgt Ion:216 Resp: 657990

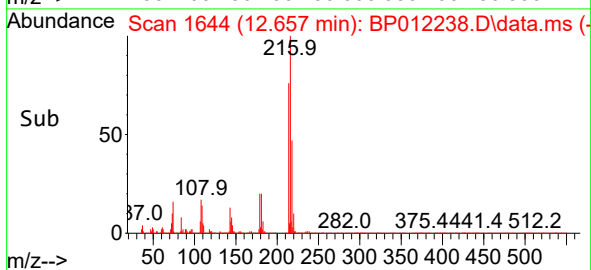
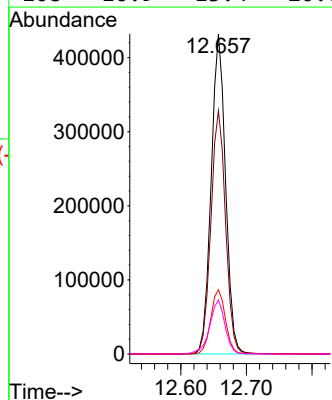
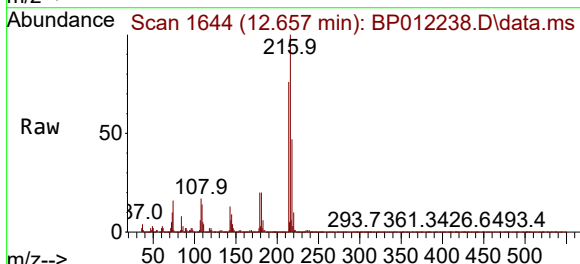
Ion Ratio Lower Upper

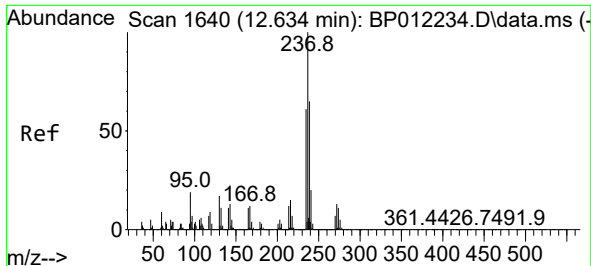
216 100

214 76.0 62.5 93.7

179 20.0 16.5 24.7

108 16.9 13.4 20.0

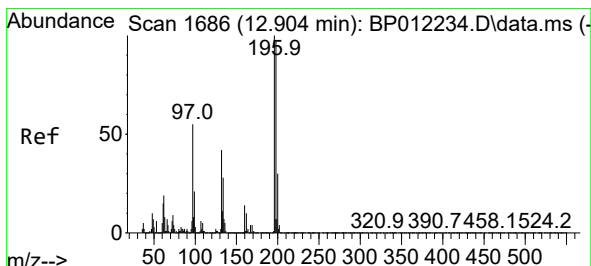
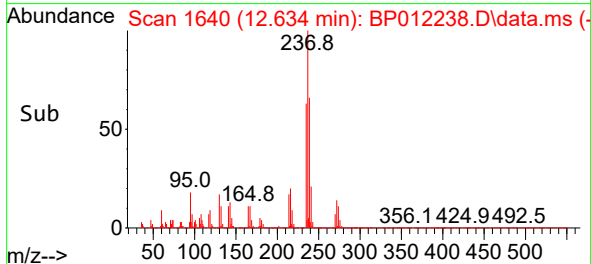
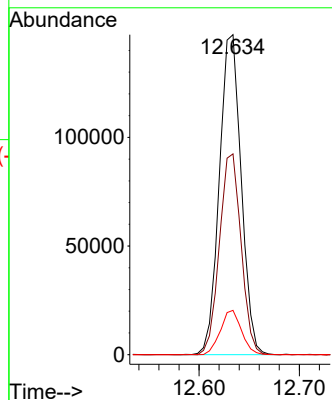
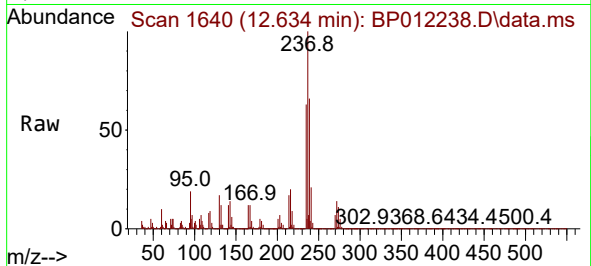




#40
Hexachlorocyclopentadiene
Concen: 14.990 ng/ul
RT: 12.634 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

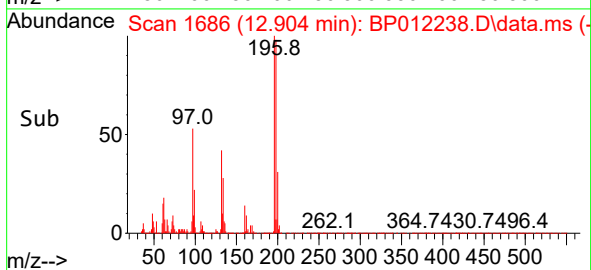
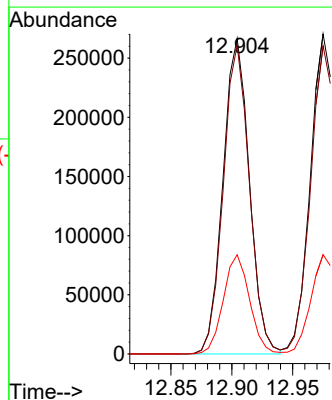
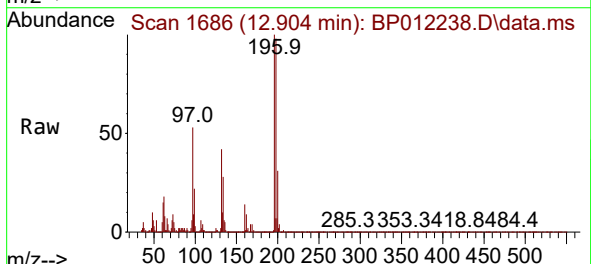
Instrument :
BNA_P
ClientSampleId :

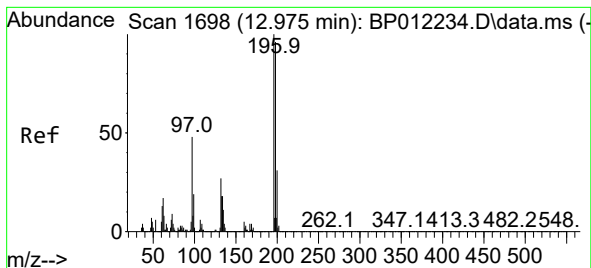
Tgt Ion:237 Resp: 222648
Ion Ratio Lower Upper
237 100
235 62.7 49.4 74.0
272 13.8 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 22.358 ng/ul
RT: 12.904 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:196 Resp: 403130
Ion Ratio Lower Upper
196 100
198 97.9 77.4 116.2
200 31.4 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 21.504 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

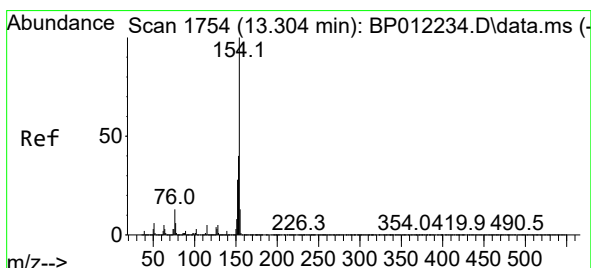
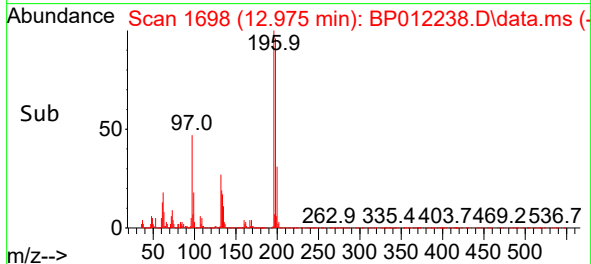
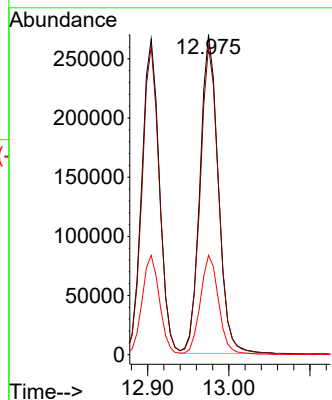
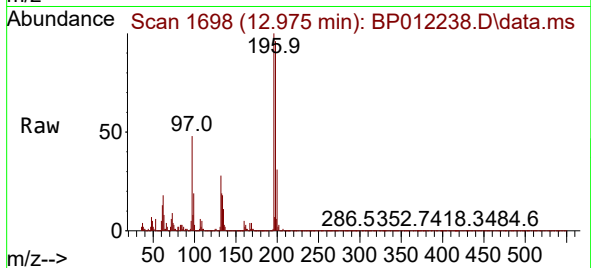
Tgt Ion:196 Resp: 422972

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.2

200 31.1 24.7 37.1



#43

1,1'-Biphenyl

Concen: 22.798 ng/ul

RT: 13.304 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

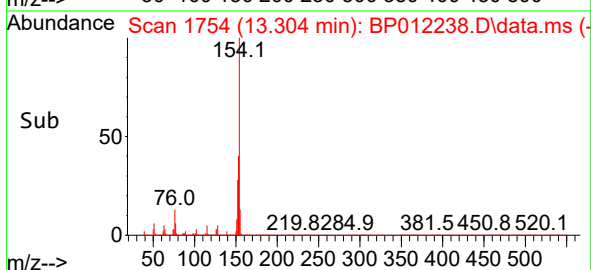
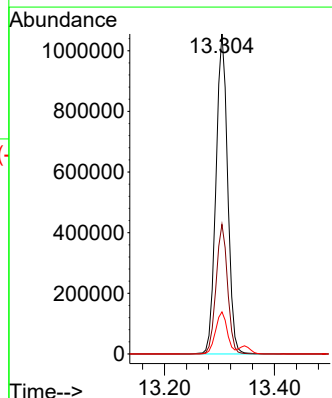
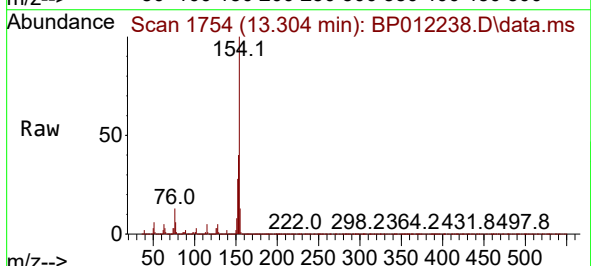
Tgt Ion:154 Resp: 1558989

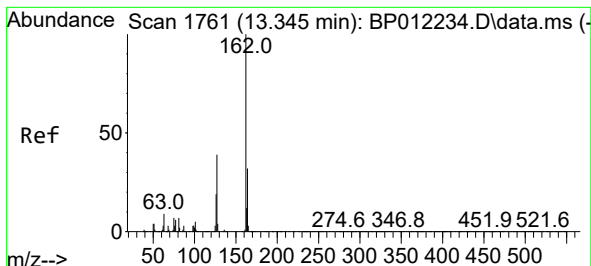
Ion Ratio Lower Upper

154 100

153 40.5 31.5 47.3

76 13.2 11.0 16.4





#44

2-Chloronaphthalene

Concen: 22.633 ng/ul

RT: 13.346 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

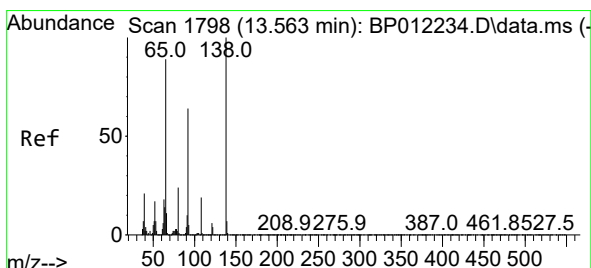
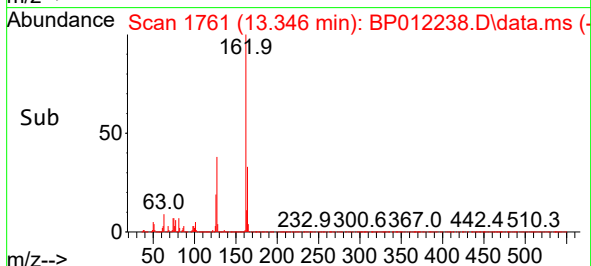
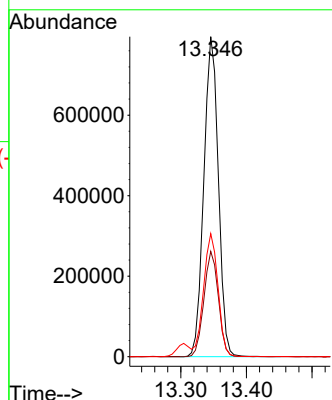
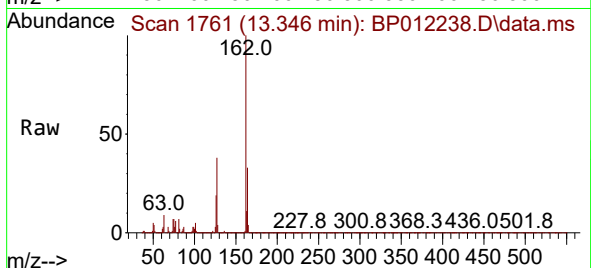
Tgt Ion:162 Resp: 1227103

Ion Ratio Lower Upper

162 100

164 32.9 26.1 39.1

127 38.5 30.8 46.2



#45

2-Nitroaniline

Concen: 21.046 ng/ul

RT: 13.563 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

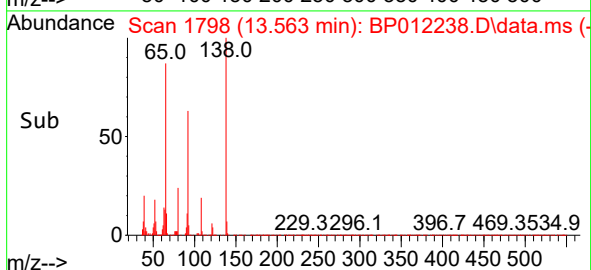
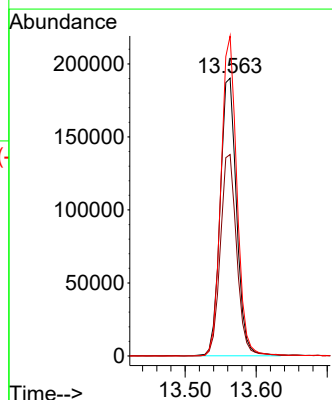
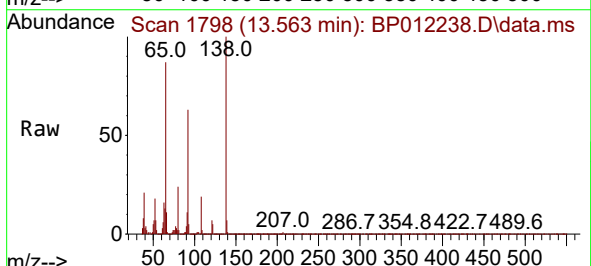
Tgt Ion: 65 Resp: 303347

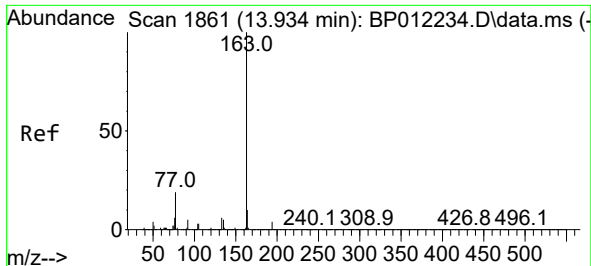
Ion Ratio Lower Upper

65 100

92 72.5 57.5 86.3

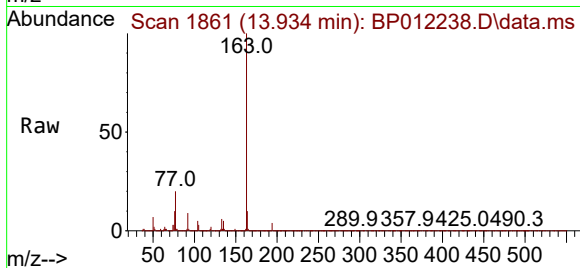
138 115.2 92.5 138.7



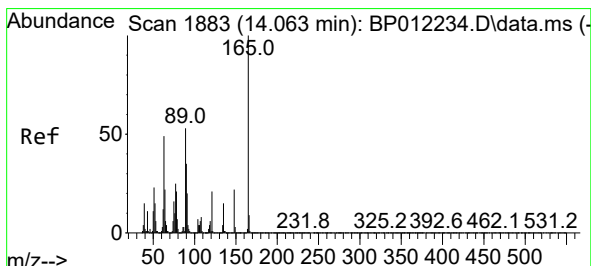
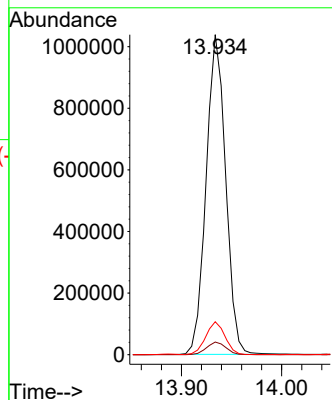
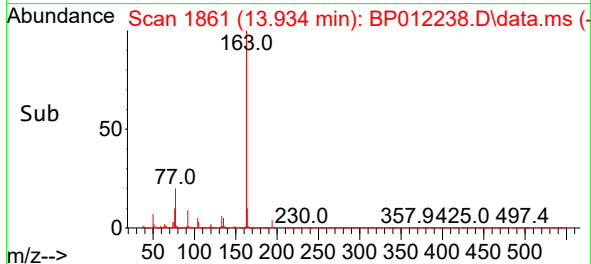


#47
Dimethylphthalate
Concen: 21.038 ng/ul
RT: 13.934 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Instrument :
BNA_P
ClientSampleId :

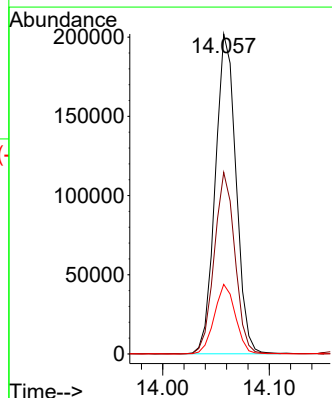
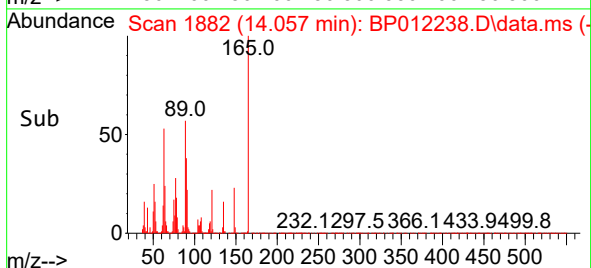
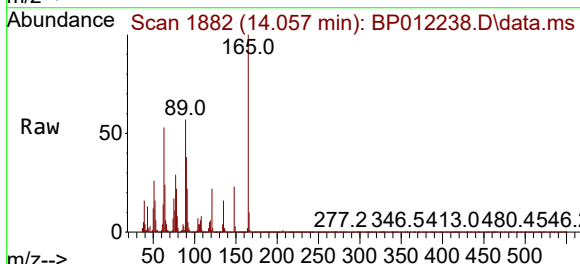


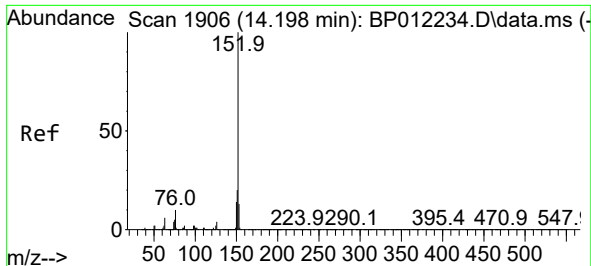
Tgt Ion:163 Resp: 1409993
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 21.230 ng/ul
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:165 Resp: 272252
Ion Ratio Lower Upper
165 100
89 56.8 43.9 65.9
121 21.7 17.1 25.7

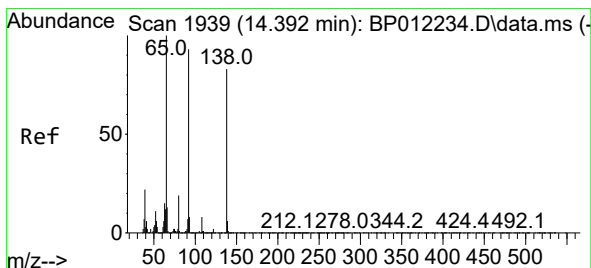
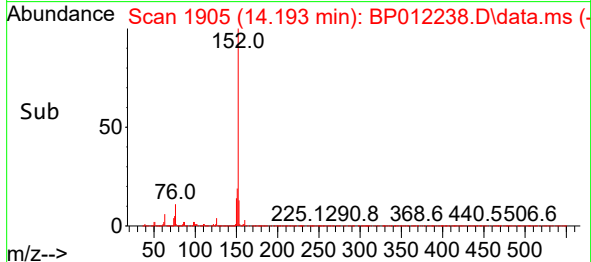
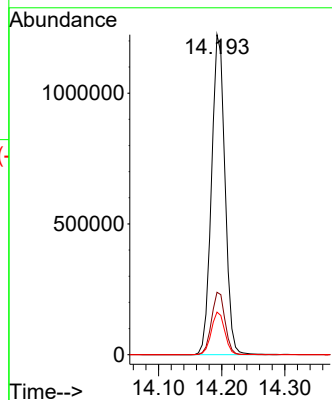
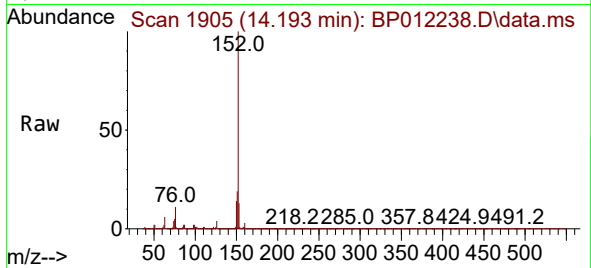




#50
Acenaphthylene
Concen: 22.258 ng/ul
RT: 14.193 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

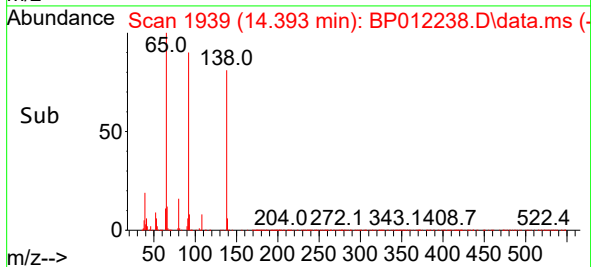
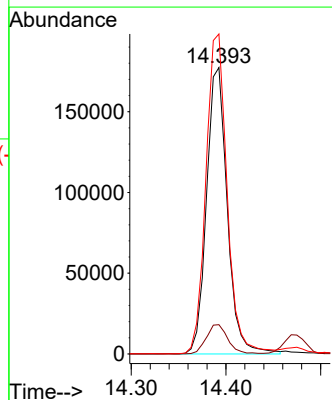
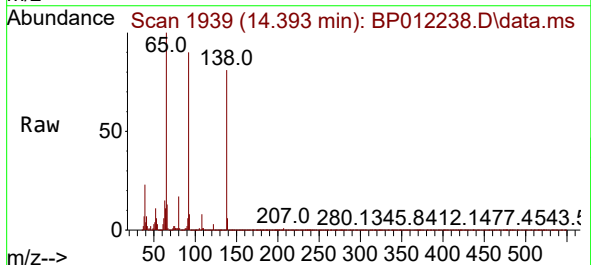
Instrument :
BNA_P
ClientSampleId :

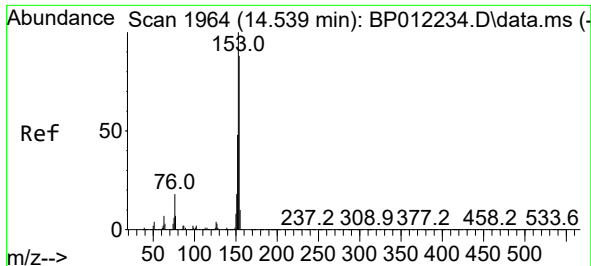
Tgt Ion:152 Resp: 1810593
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 20.007 ng/ul
RT: 14.393 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:138 Resp: 270830
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 111.7 93.1 139.7

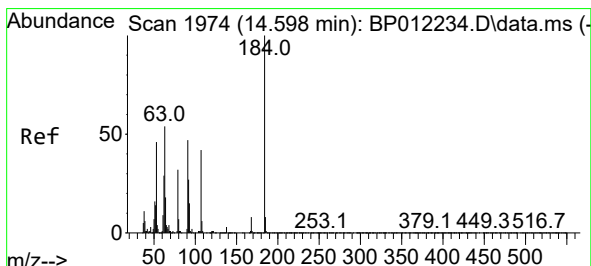
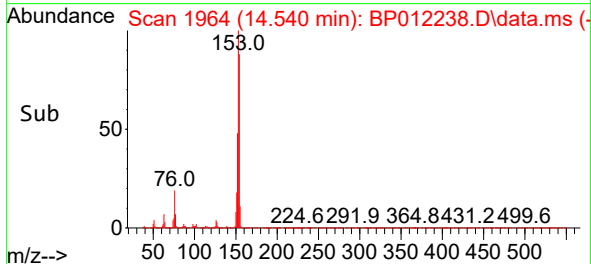
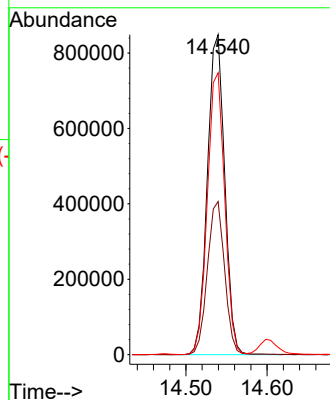
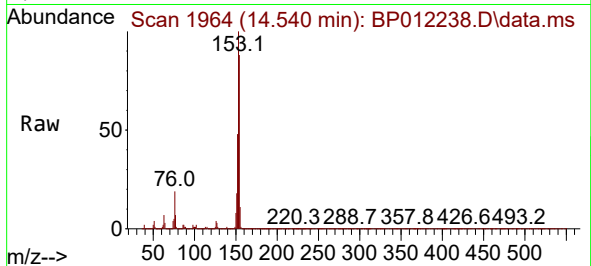




#52
Acenaphthene
Concen: 21.822 ng/ul
RT: 14.540 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

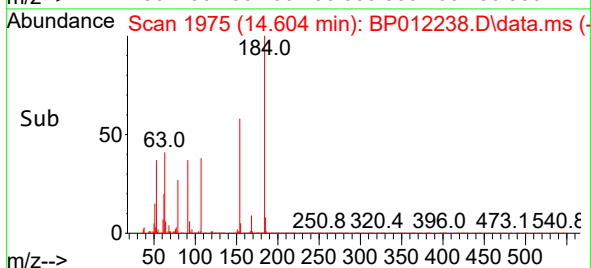
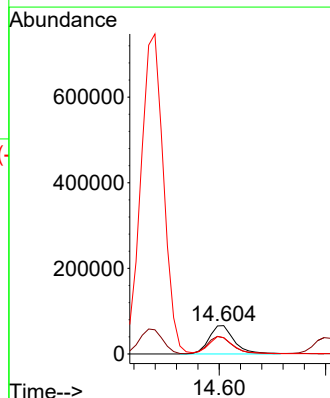
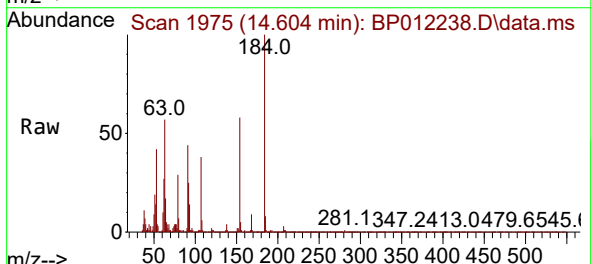
Instrument :
BNA_P
ClientSampleId :

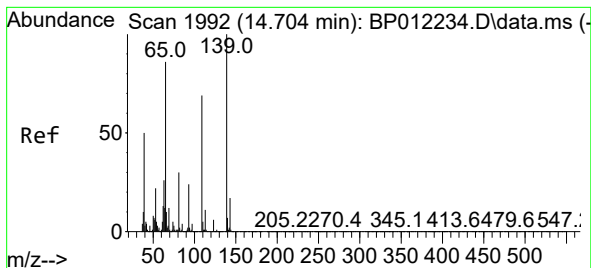
Tgt Ion:153 Resp: 1255373
Ion Ratio Lower Upper
153 100
152 47.8 38.1 57.1
154 88.1 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 14.084 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:184 Resp: 108454
Ion Ratio Lower Upper
184 100
63 56.9 51.1 76.7
154 57.6 47.2 70.8

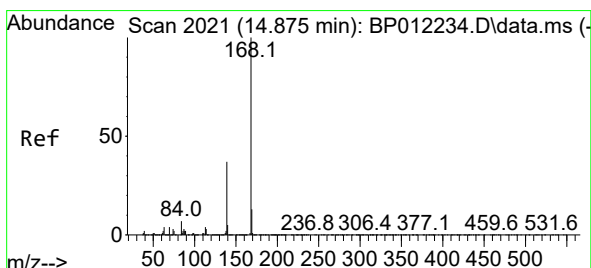
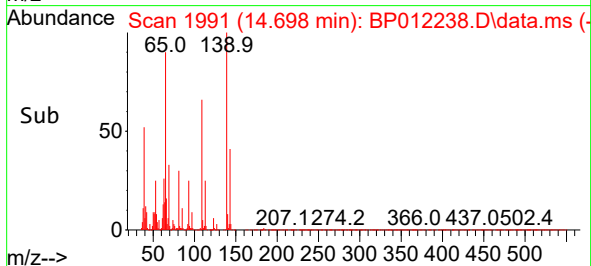
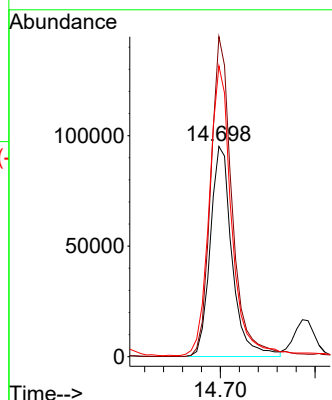
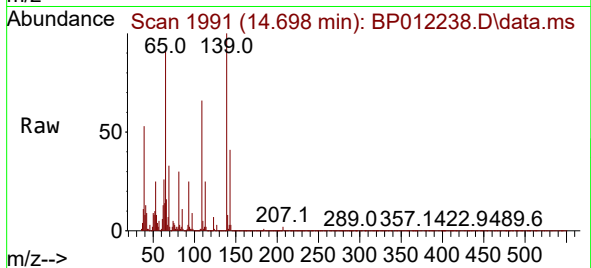




#55
4-Nitrophenol
Concen: 17.113 ng/ul
RT: 14.698 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

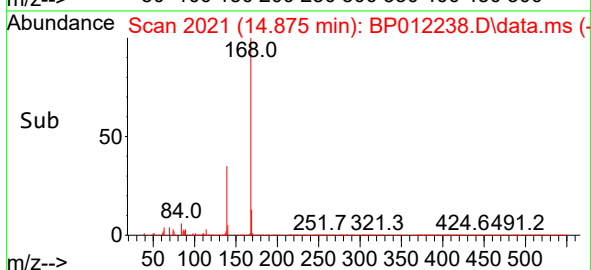
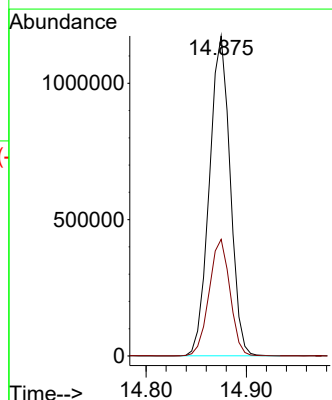
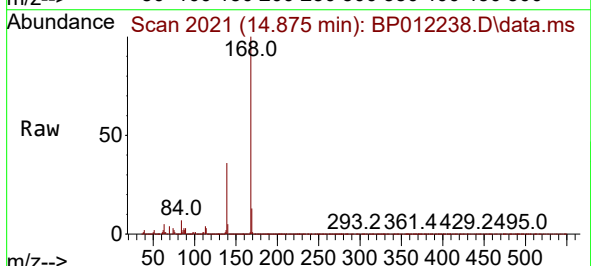
Instrument :
BNA_P
ClientSampleId :

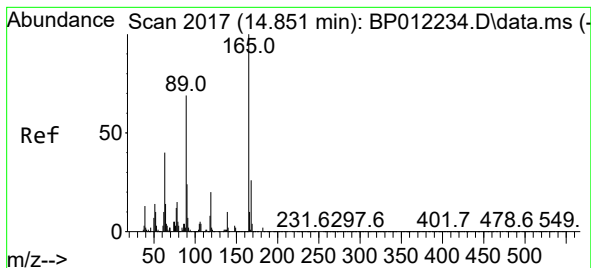
Tgt Ion:109 Resp: 152339
Ion Ratio Lower Upper
109 100
139 152.1 118.5 177.7
65 138.3 110.5 165.7



#56
Dibenzofuran
Concen: 21.434 ng/ul
RT: 14.875 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:168 Resp: 1688040
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4

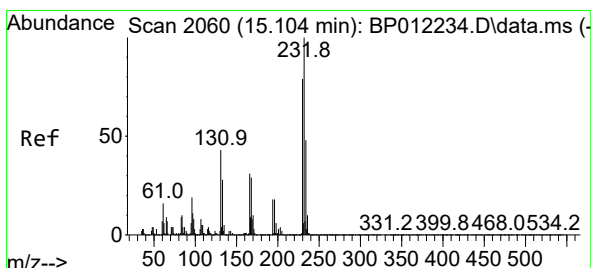
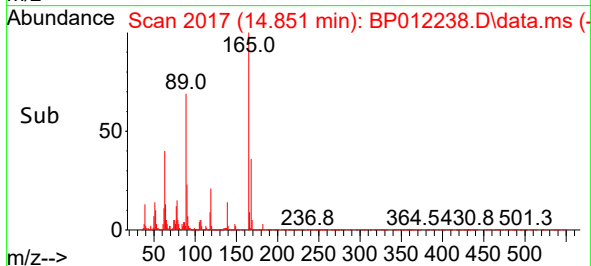
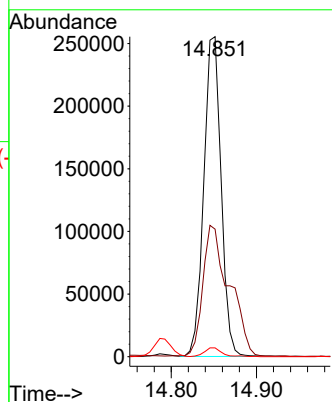
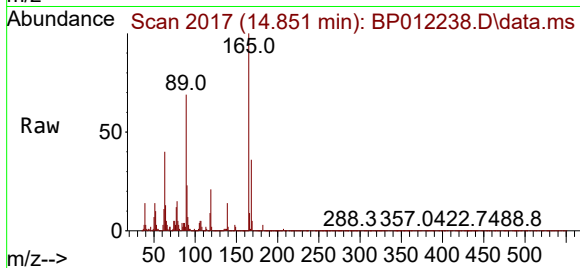




#57
2,4-Dinitrotoluene
Concen: 19.677 ng/ul
RT: 14.851 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

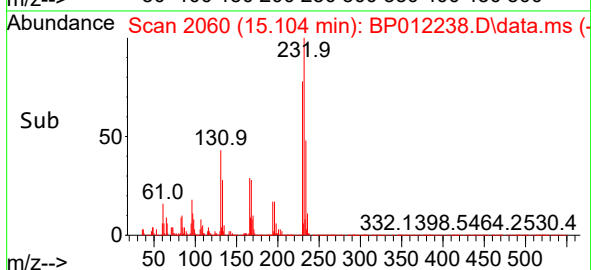
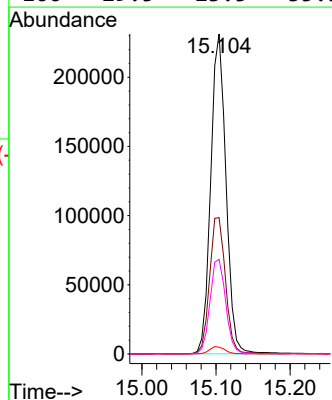
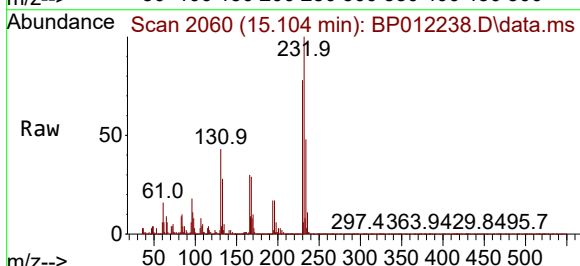
Instrument :
BNA_P
ClientSampleId :

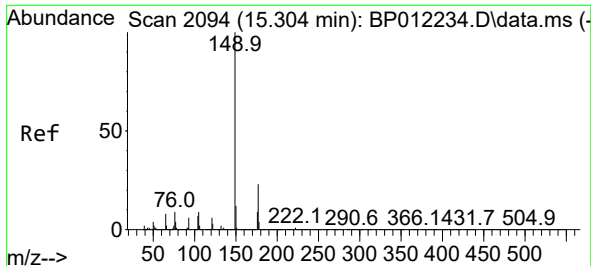
Tgt Ion:165 Resp: 360118
Ion Ratio Lower Upper
165 100
63 39.9 34.1 51.1
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.923 ng/ul
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

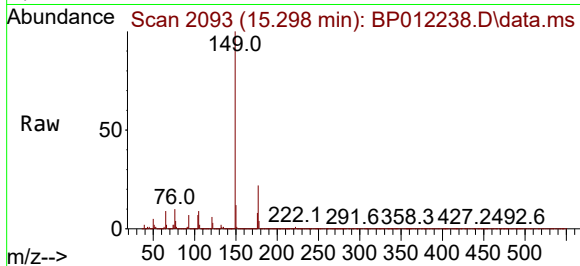
Tgt Ion:232 Resp: 331286
Ion Ratio Lower Upper
232 100
131 42.6 35.0 52.4
130 2.1 1.8 2.8
166 29.5 23.5 35.3



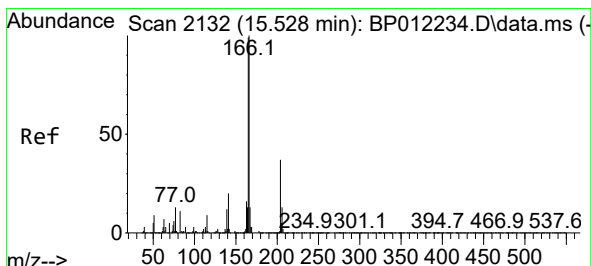
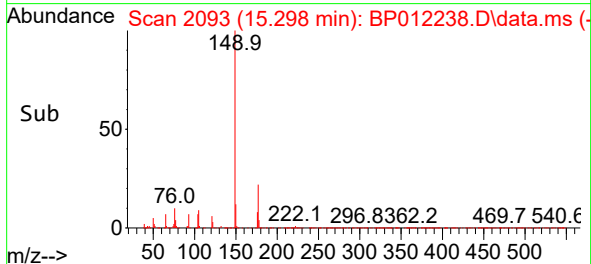
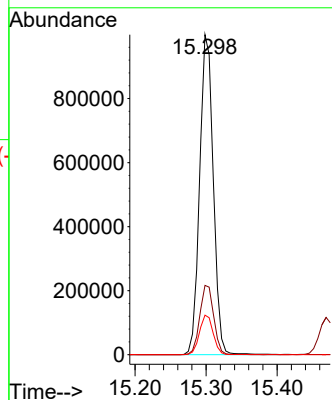


#59
Diethylphthalate
Concen: 20.320 ng/ul
RT: 15.298 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Instrument :
BNA_P
ClientSampleId :

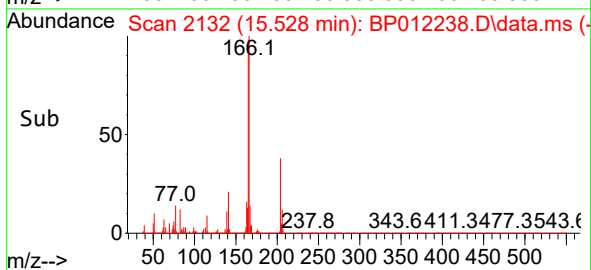
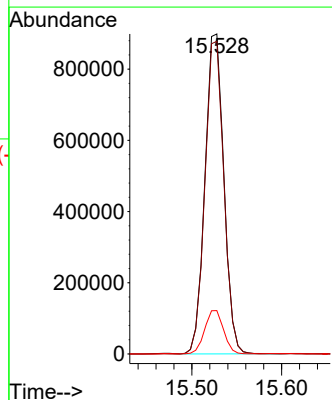
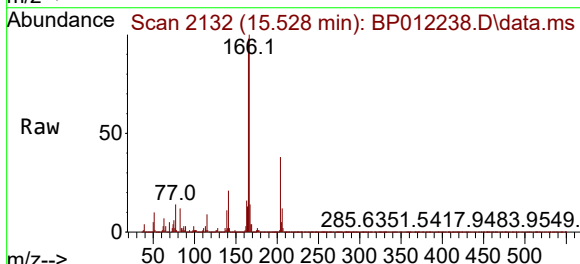


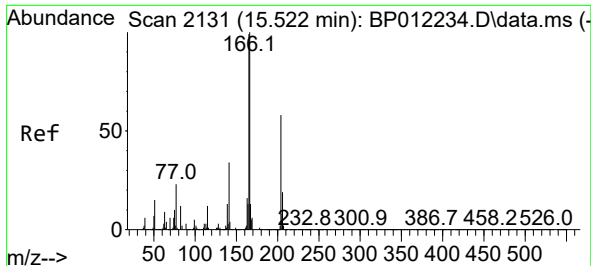
Tgt Ion:149 Resp: 1338484
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.4 10.1 15.1



#61
Fluorene
Concen: 21.066 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:166 Resp: 1314395
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.6 10.7 16.1

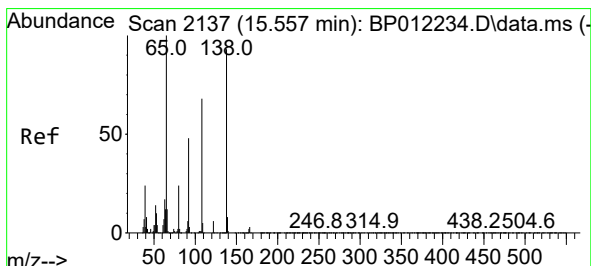
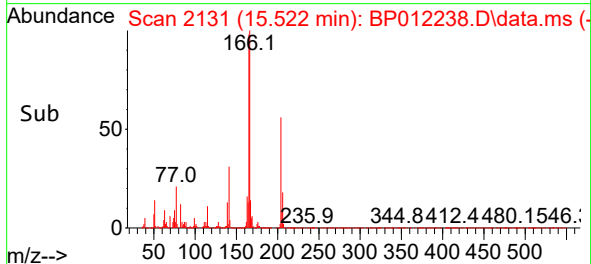
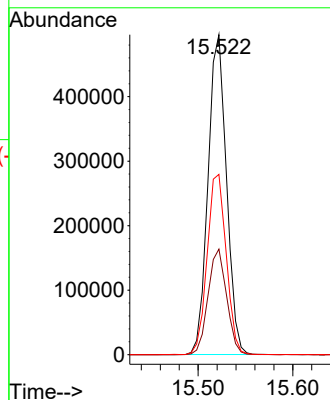
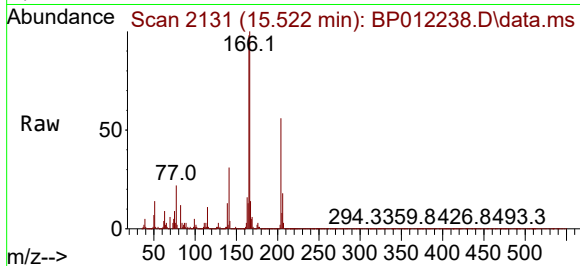




#62
4-Chlorophenyl-phenylether
Concen: 21.578 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

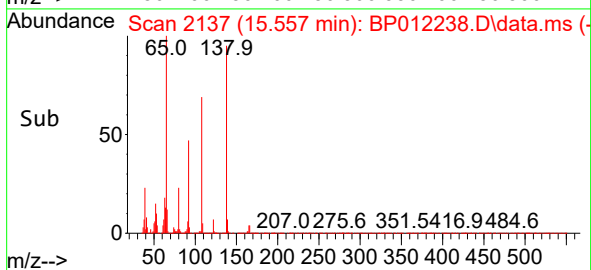
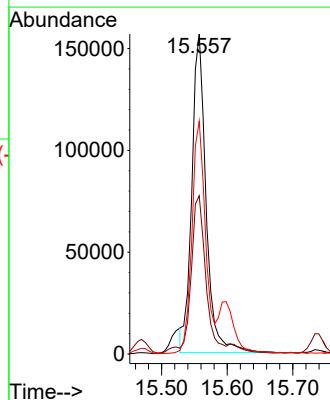
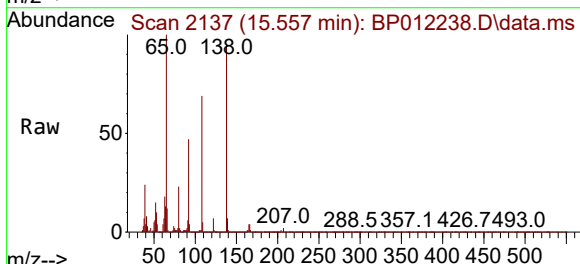
Instrument :
BNA_P
ClientSampleId :

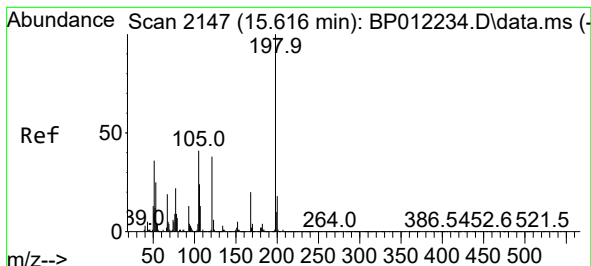
Tgt Ion:204 Resp: 670932
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 56.3 45.3 67.9



#63
4-Nitroaniline
Concen: 18.721 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:138 Resp: 237887
Ion Ratio Lower Upper
138 100
92 49.5 41.6 62.4
108 72.7 57.0 85.6

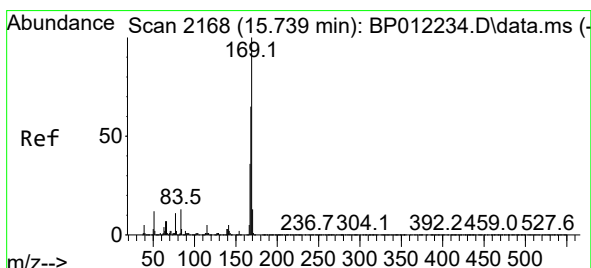
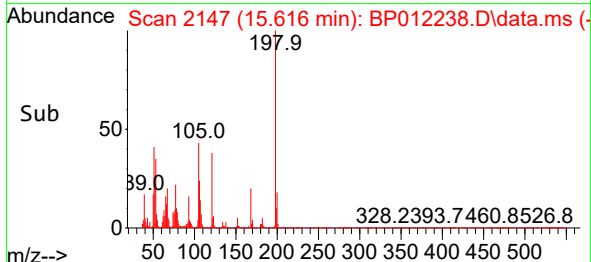
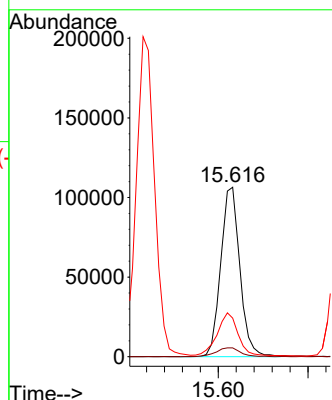
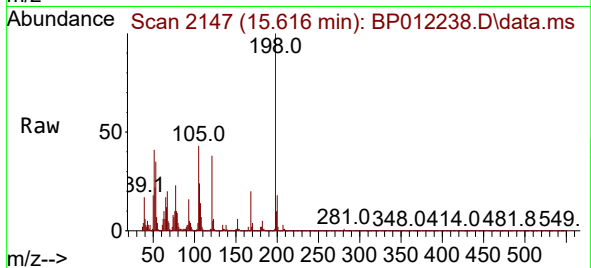




#66
4,6-Dinitro-2-methylphenol
Concen: 16.380 ng/ul
RT: 15.616 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

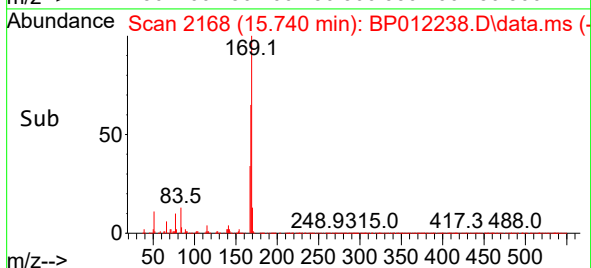
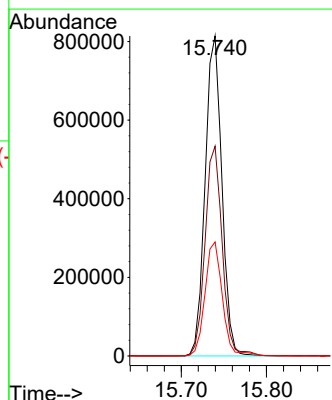
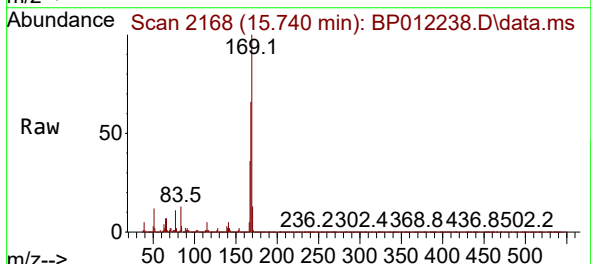
Instrument :
BNA_P
ClientSampleId :

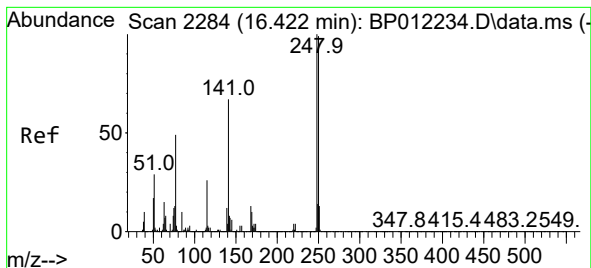
Tgt Ion:198 Resp: 157698
Ion Ratio Lower Upper
198 100
182 5.2 3.8 5.6
77 22.8 17.8 26.6



#67
N-Nitrosodiphenylamine
Concen: 23.679 ng/ul
RT: 15.740 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:169 Resp: 1107908
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.7 29.2 43.8

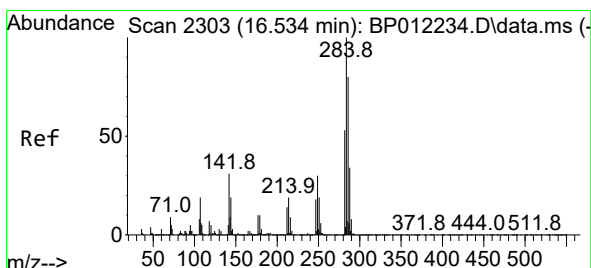
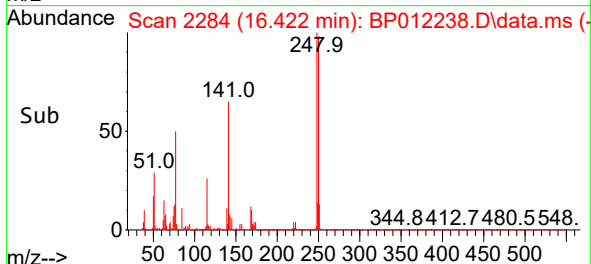
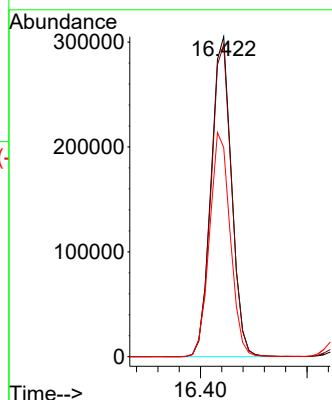
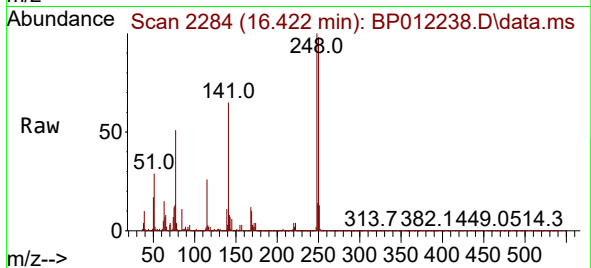




#68
4-Bromophenyl-phenylether
Concen: 23.835 ng/ul
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

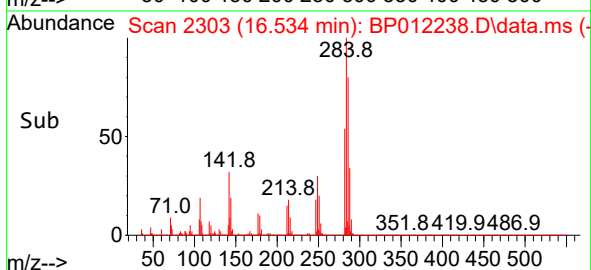
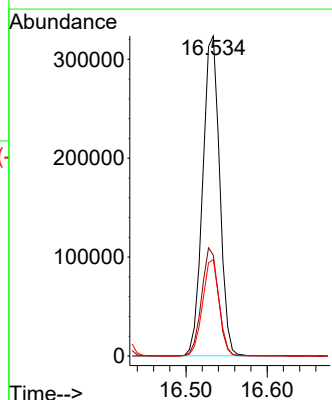
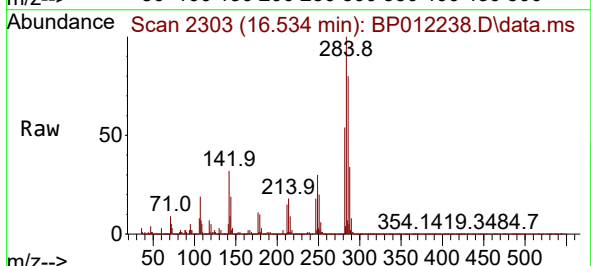
Instrument :
BNA_P
ClientSampleId :

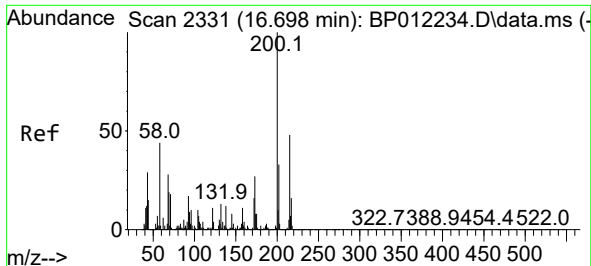
Tgt Ion:248 Resp: 406825
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 65.4 55.1 82.7



#69
Hexachlorobenzene
Concen: 23.265 ng/ul
RT: 16.534 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:284 Resp: 468078
Ion Ratio Lower Upper
284 100
142 31.5 25.5 38.3
249 30.1 23.6 35.4

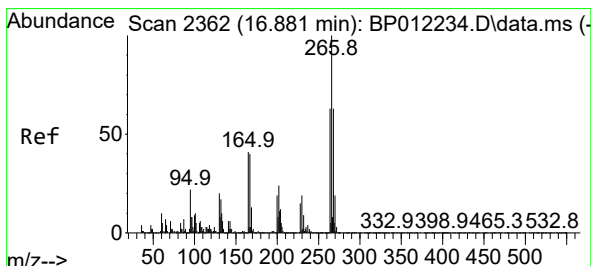
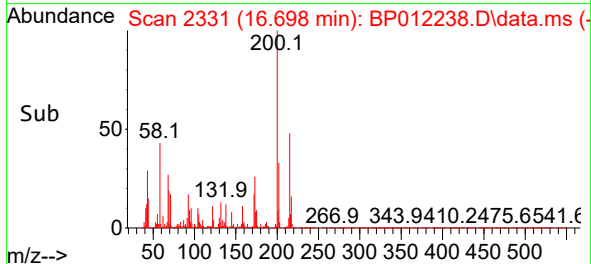
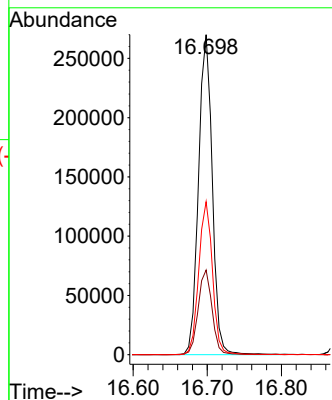
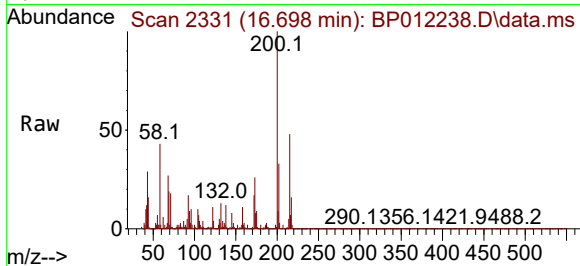




#70
Atrazine
Concen: 21.268 ng/ul
RT: 16.698 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

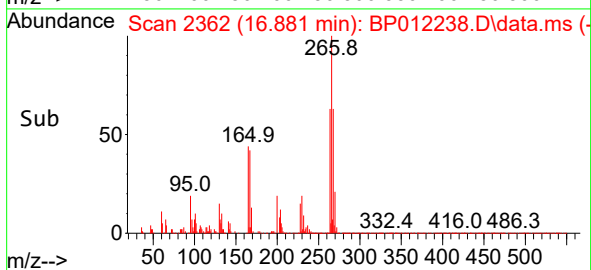
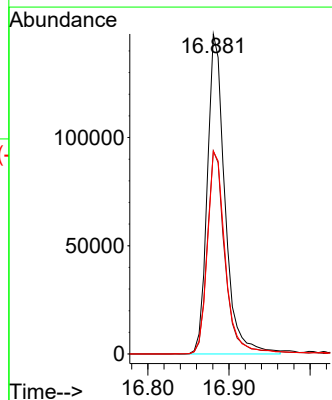
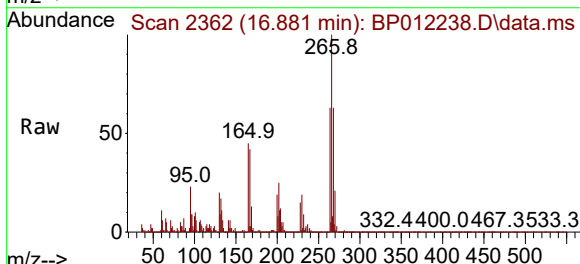
Instrument :
BNA_P
ClientSampleId :

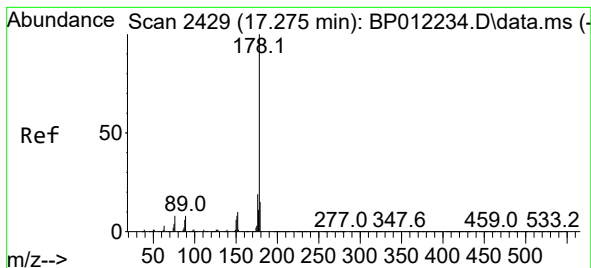
Tgt Ion:200 Resp: 347385
Ion Ratio Lower Upper
200 100
173 26.4 21.4 32.0
215 47.8 38.2 57.2



#71
Pentachlorophenol
Concen: 18.274 ng/ul
RT: 16.881 min Scan# 2362
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:266 Resp: 221930
Ion Ratio Lower Upper
266 100
264 63.4 50.1 75.1
268 63.4 50.6 76.0





#72

Phenanthrene

Concen: 21.949 ng/ul

RT: 17.275 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

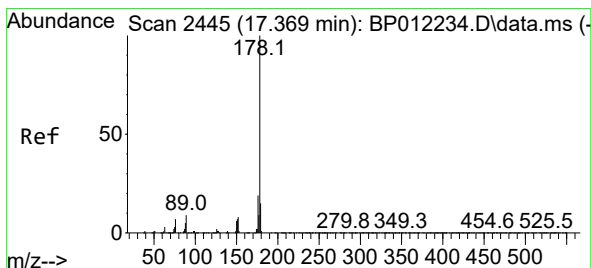
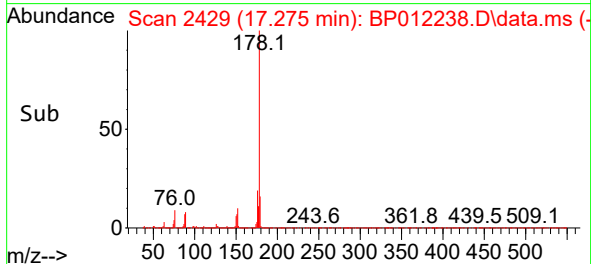
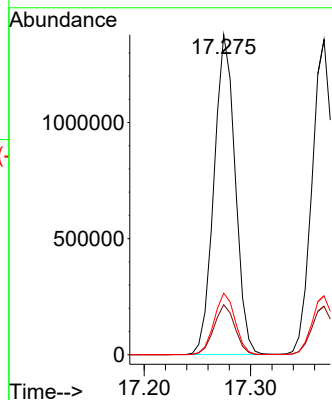
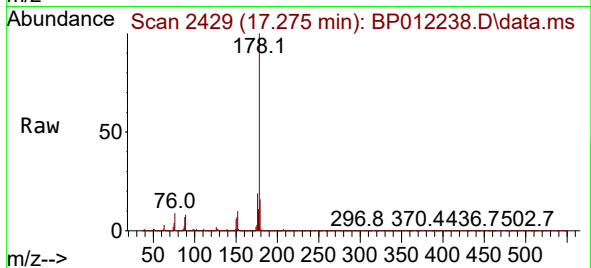
Tgt Ion:178 Resp: 1901751

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.2 15.6 23.4



#74

Anthracene

Concen: 22.266 ng/ul

RT: 17.369 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

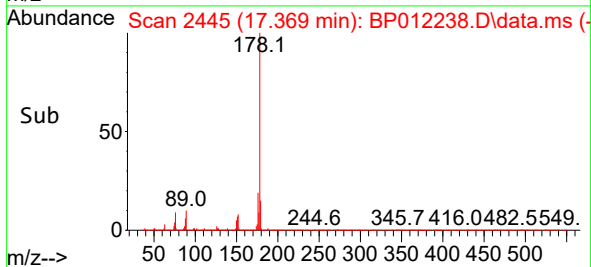
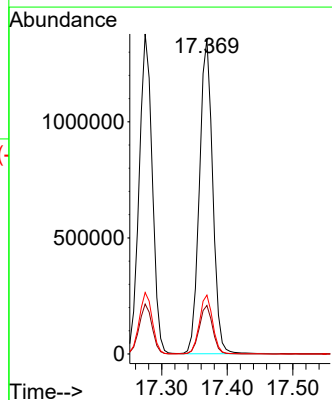
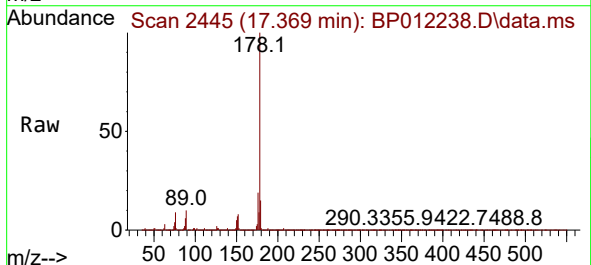
Tgt Ion:178 Resp: 1908757

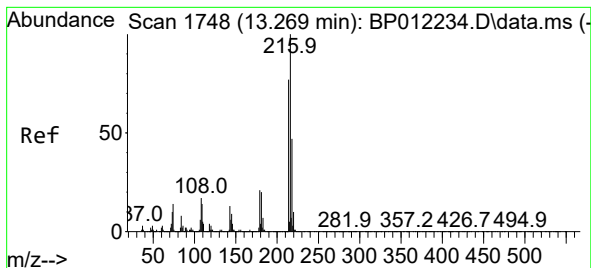
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.7 15.0 22.4

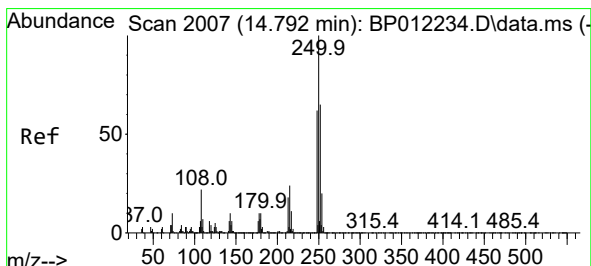
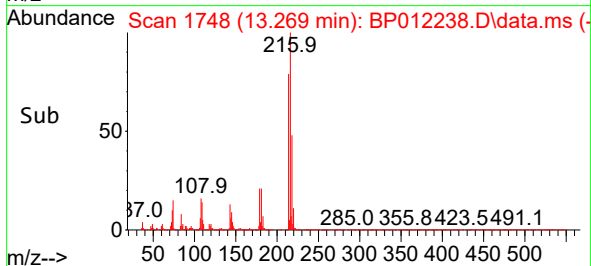
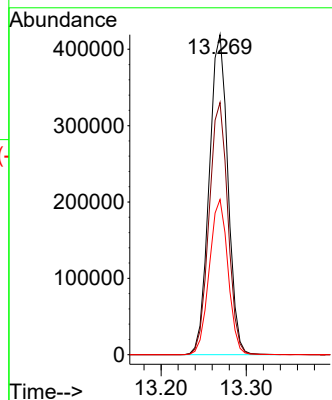
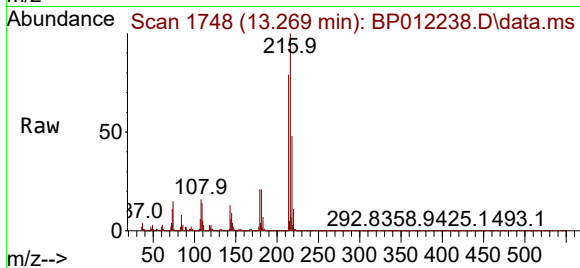




#75
1,2,3,4-Tetrachlorobenzene
Concen: 26.612 ng/uL
RT: 13.269 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

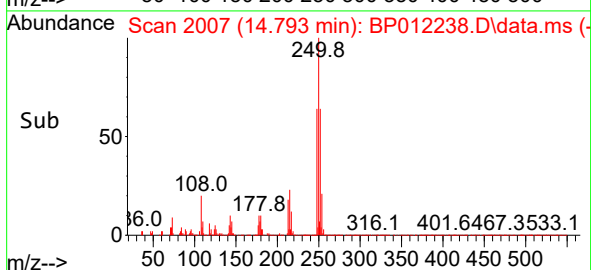
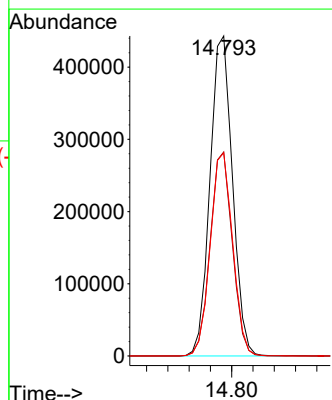
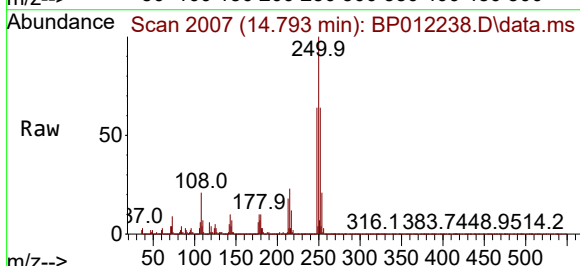
Instrument :
BNA_P
ClientSampleId :

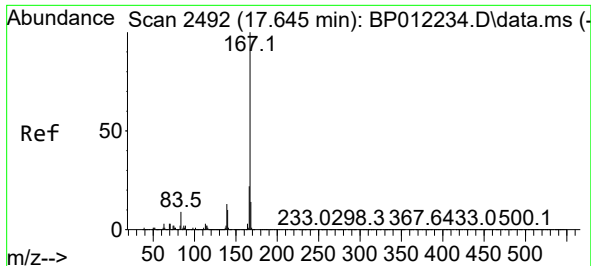
Tgt Ion:216 Resp: 640164
Ion Ratio Lower Upper
216 100
214 78.8 62.9 94.3
218 48.5 38.6 57.8



#76
Pentachlorobenzene
Concen: 25.640 ng/uL
RT: 14.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:250 Resp: 649675
Ion Ratio Lower Upper
250 100
248 63.8 50.3 75.5
252 63.5 52.0 78.0

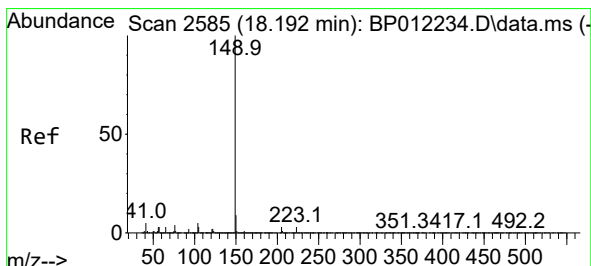
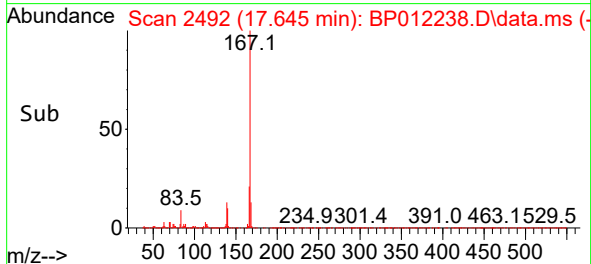
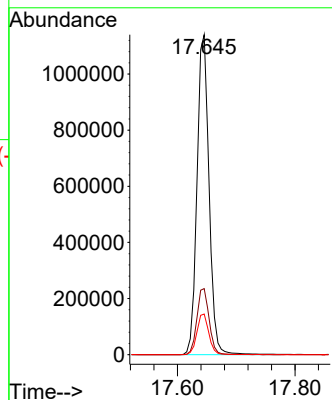
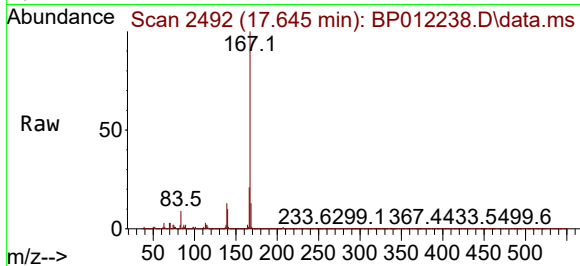




#77
 Carbazole
 Concen: 21.334 ng/ul
 RT: 17.645 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

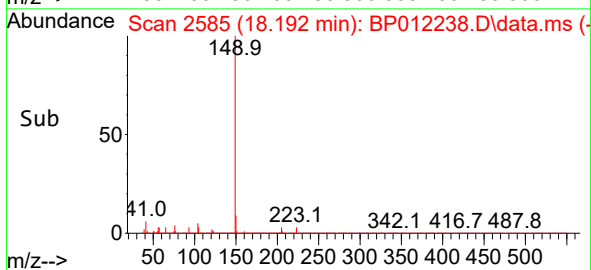
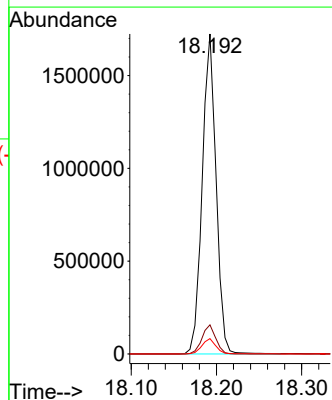
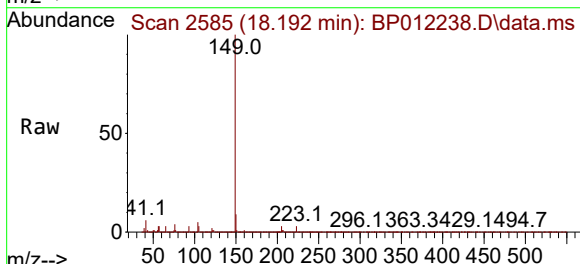
Instrument :
 BNA_P
 ClientSampleId :

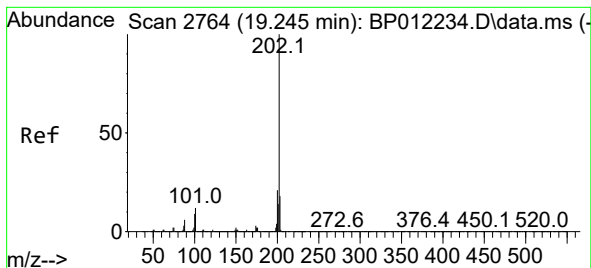
Tgt Ion:167 Resp: 1614080
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.3 25.9
 139 12.7 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 21.414 ng/ul
 RT: 18.192 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

Tgt Ion:149 Resp: 1943533
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.8 3.8 5.6





#80

Fluoranthene

Concen: 19.259 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

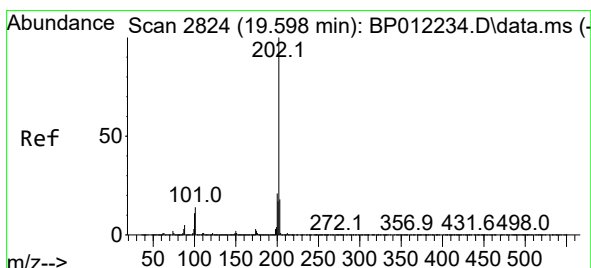
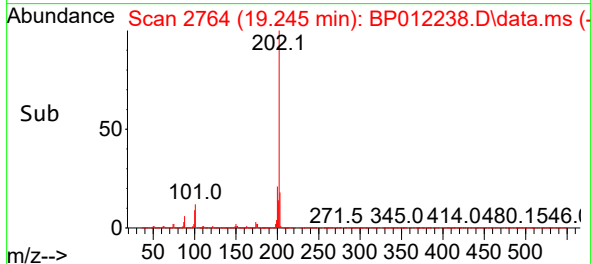
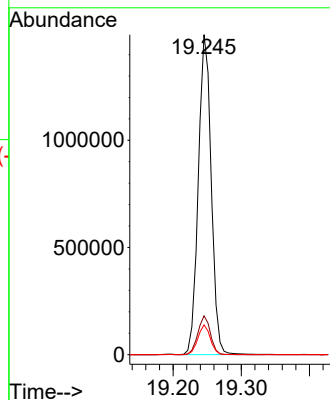
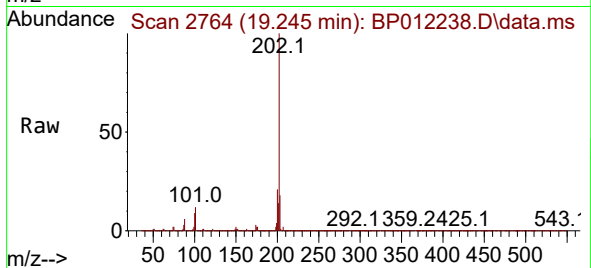
Tgt Ion:202 Resp: 1961688

Ion Ratio Lower Upper

202 100

101 12.2 10.4 15.6

100 9.3 7.7 11.5



#82

Pyrene

Concen: 19.629 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

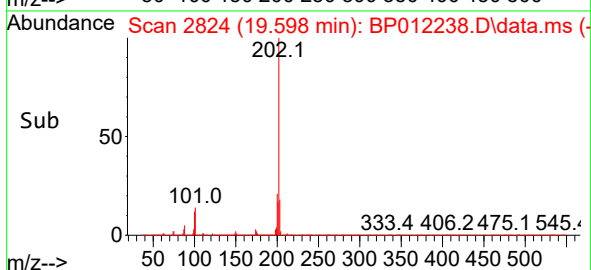
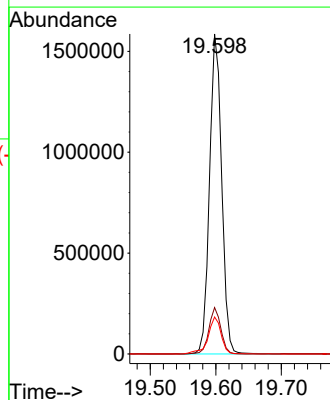
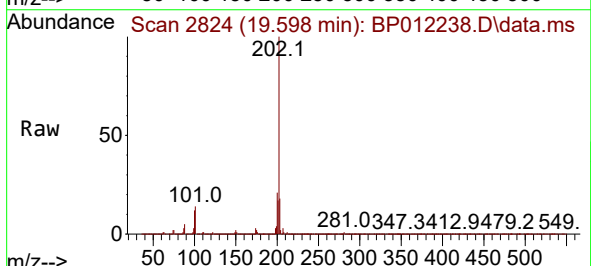
Tgt Ion:202 Resp: 2045588

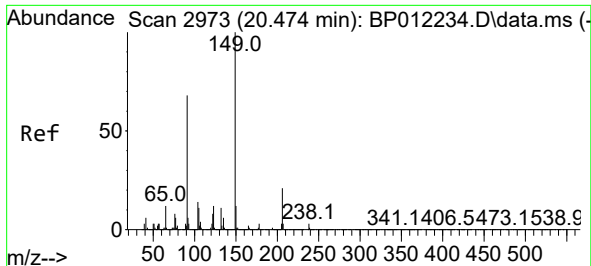
Ion Ratio Lower Upper

202 100

101 14.5 12.3 18.5

100 11.5 10.0 15.0

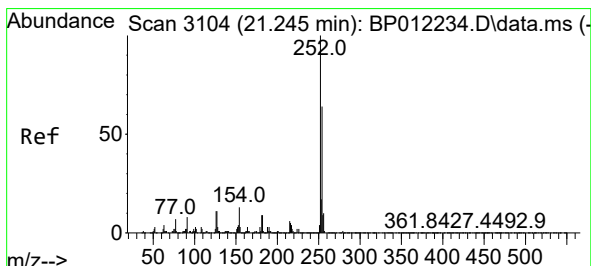
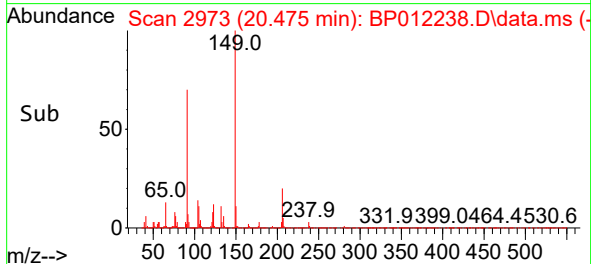
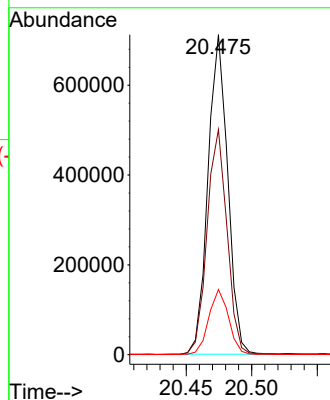
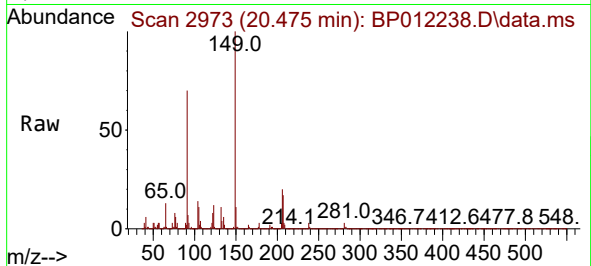




#83
 Butylbenzylphthalate
 Concen: 18.394 ng/ul
 RT: 20.475 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

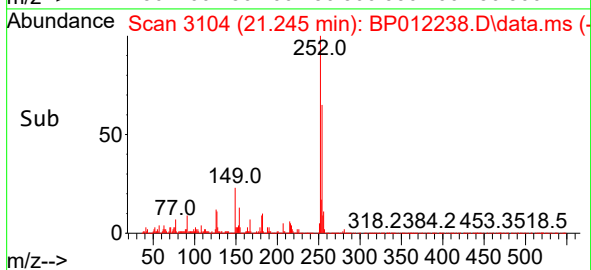
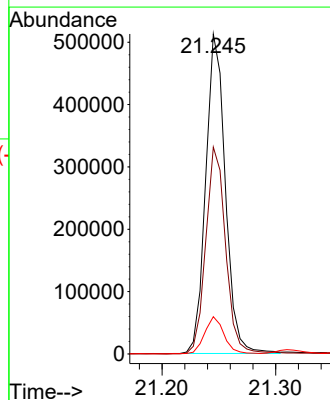
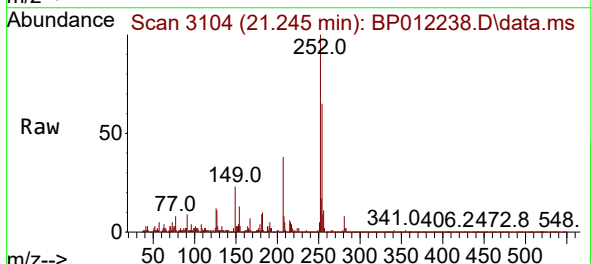
Instrument :
 BNA_P
 ClientSampleId :

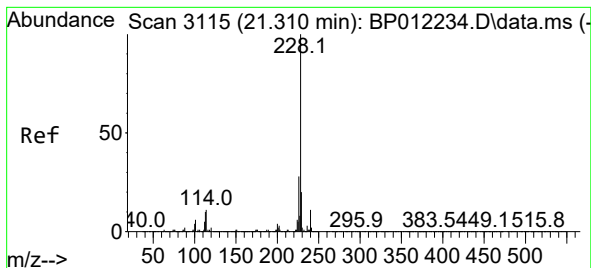
Tgt Ion:	149	Resp:	745552
Ion Ratio	Lower	Upper	
149	100		
91	70.3	56.1	84.1
206	20.3	16.1	24.1



#84
 3,3'-Dichlorobenzidine
 Concen: 19.560 ng/ul
 RT: 21.245 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

Tgt Ion:	252	Resp:	616774
Ion Ratio	Lower	Upper	
252	100		
254	64.6	52.2	78.4
126	11.7	9.8	14.6





#85

Benzo(a)anthracene

Concen: 21.606 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

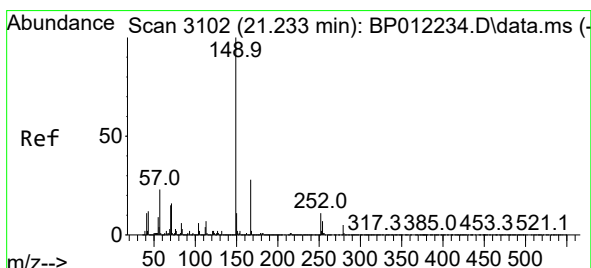
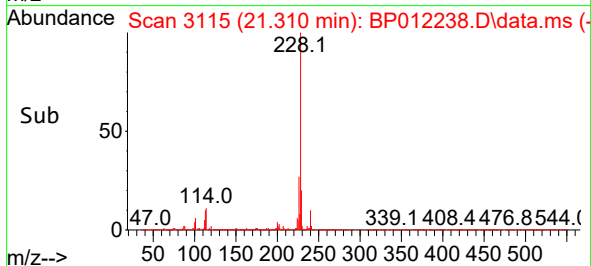
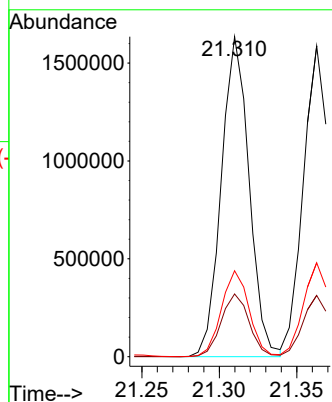
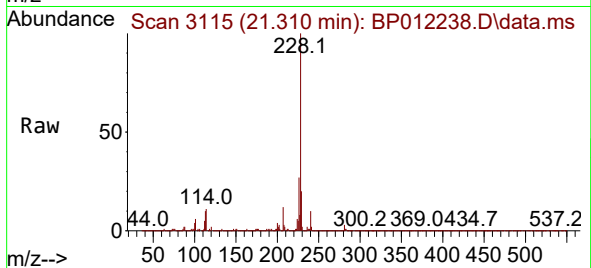
Tgt Ion:228 Resp: 2038768

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 26.8 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.024 ng/ul

RT: 21.233 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

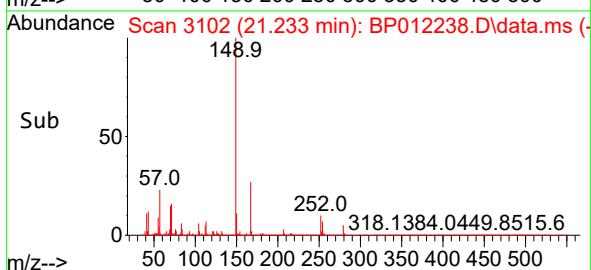
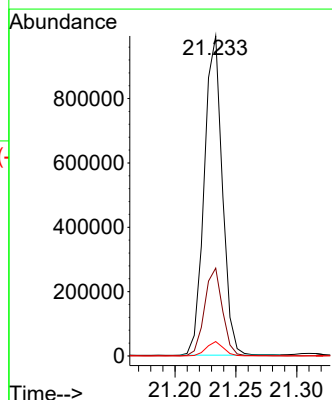
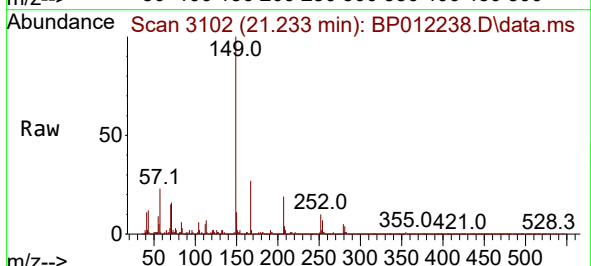
Tgt Ion:149 Resp: 1023547

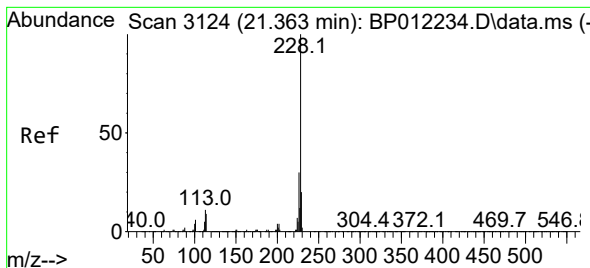
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.5 3.4 5.0





#87

Chrysene

Concen: 21.578 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

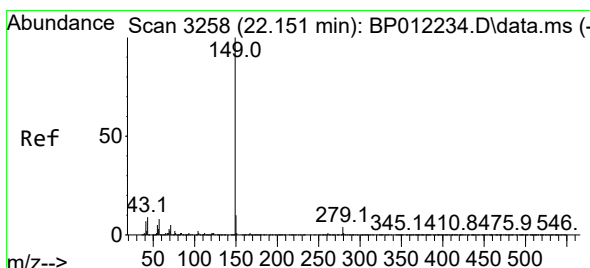
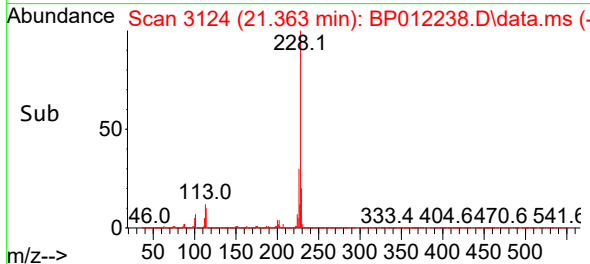
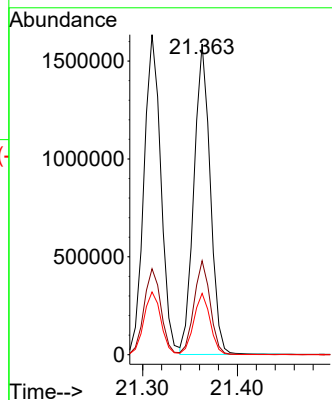
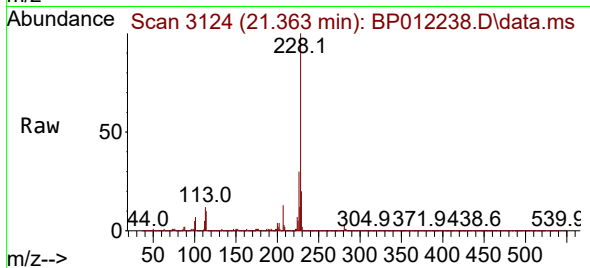
Tgt Ion:228 Resp: 1900026

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 19.7 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 16.558 ng/ul

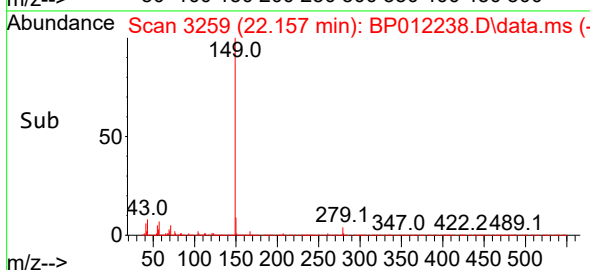
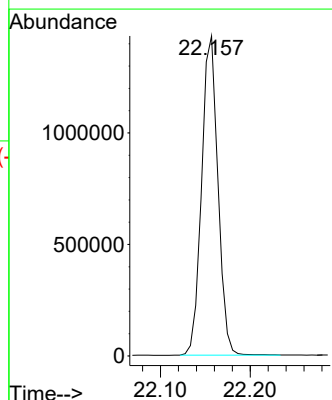
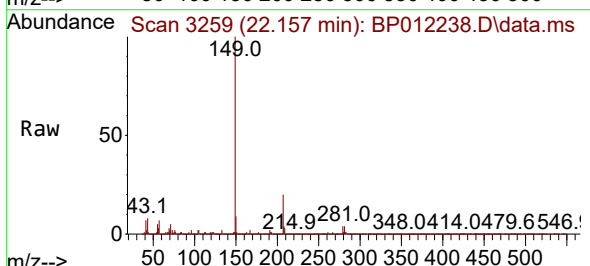
RT: 22.157 min Scan# 3259

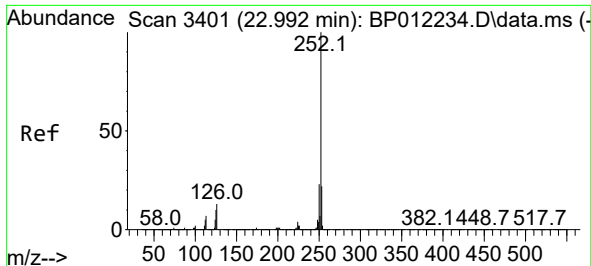
Delta R.T. -0.006 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Tgt Ion:149 Resp: 1808074

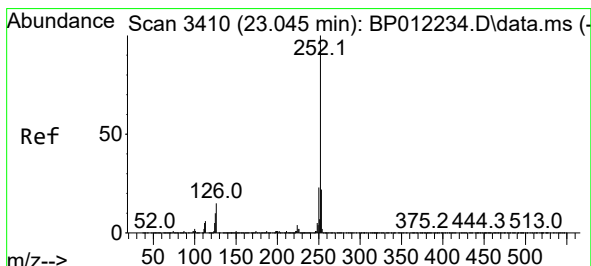
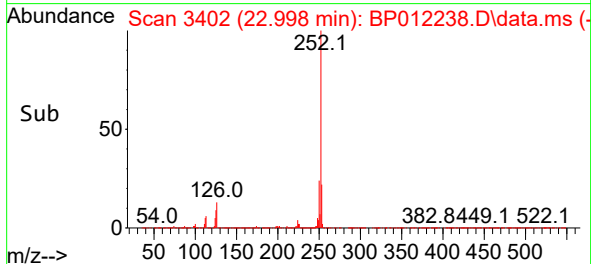
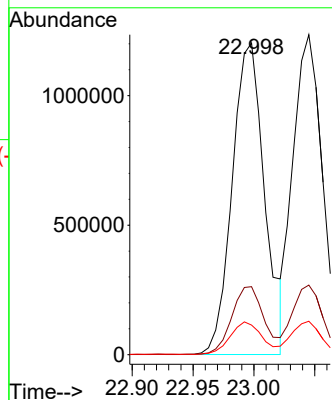
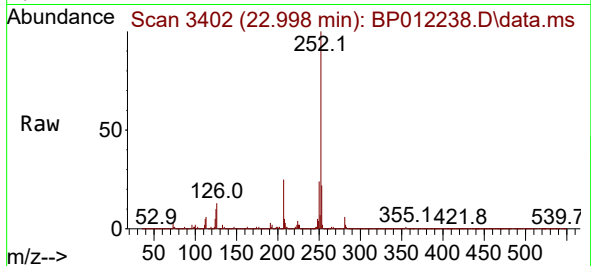




#90
Benzo(b)fluoranthene
Concen: 21.152 ng/ul
RT: 22.998 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

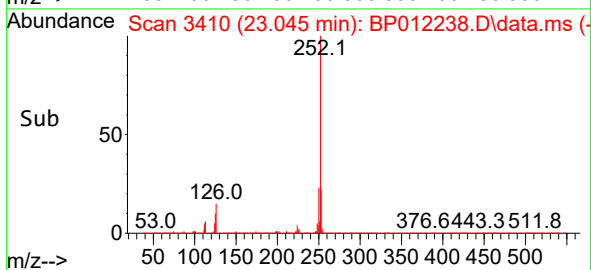
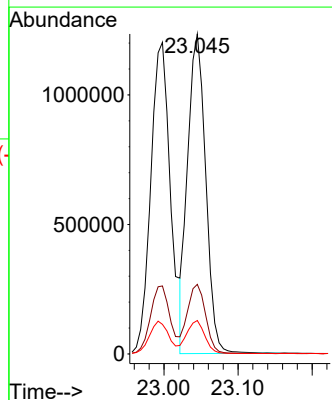
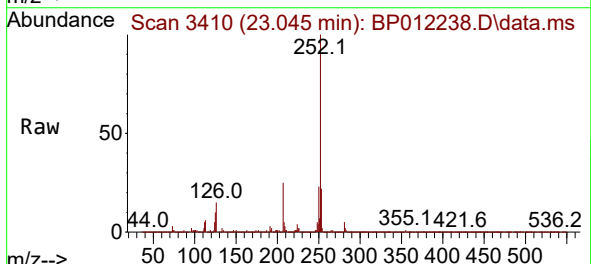
Instrument :
BNA_P
ClientSampleId :

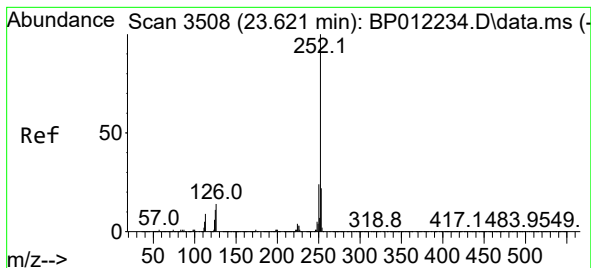
Tgt Ion:252 Resp: 2225457
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.5 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 20.119 ng/ul
RT: 23.045 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP012238.D
Acq: 21 Oct 2022 10:55

Tgt Ion:252 Resp: 2086600
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.4 8.6 13.0





#93

Benzo(a)pyrene

Concen: 21.575 ng/ul

RT: 23.621 min Scan# 3508

Delta R.T. -0.012 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

Instrument :

BNA_P

ClientSampleId :

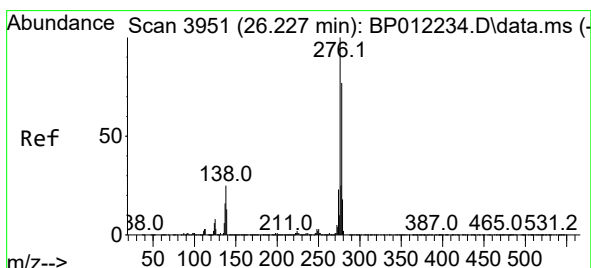
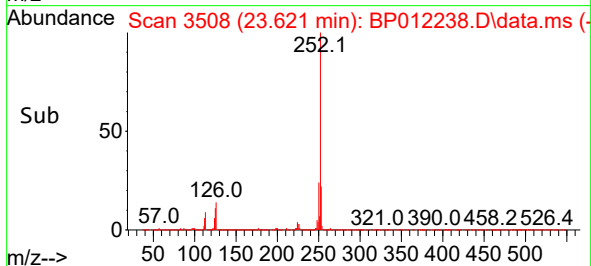
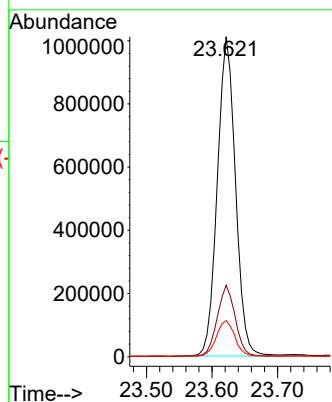
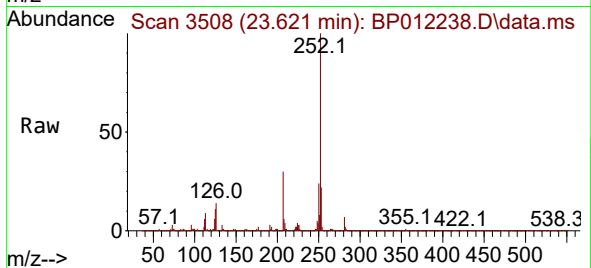
Tgt Ion:252 Resp: 1941146

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 11.3 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.493 ng/ul

RT: 26.227 min Scan# 3951

Delta R.T. -0.017 min

Lab File: BP012238.D

Acq: 21 Oct 2022 10:55

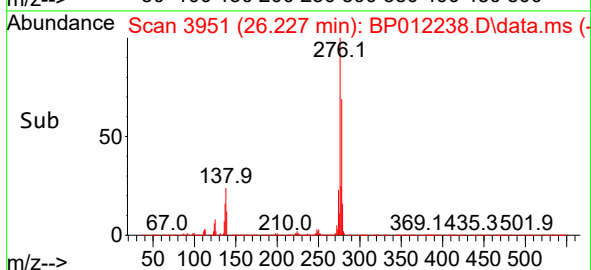
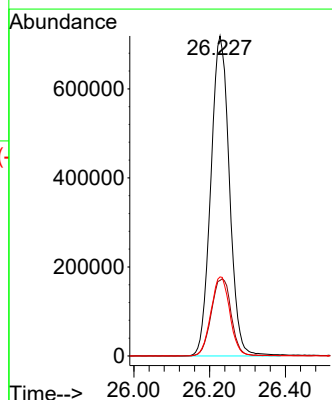
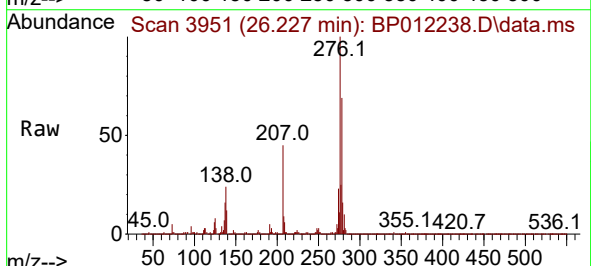
Tgt Ion:276 Resp: 2446905

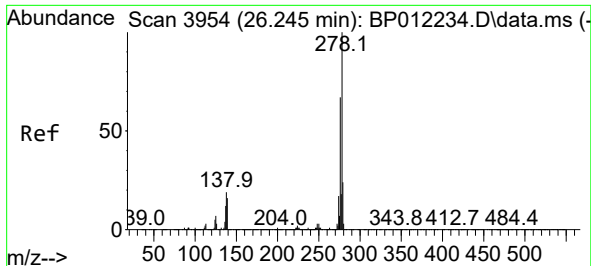
Ion Ratio Lower Upper

276 100

138 23.6 20.3 30.5

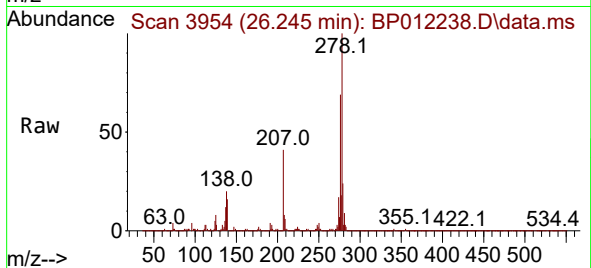
277 24.7 20.2 30.4



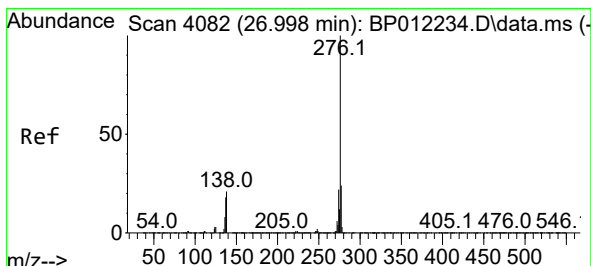
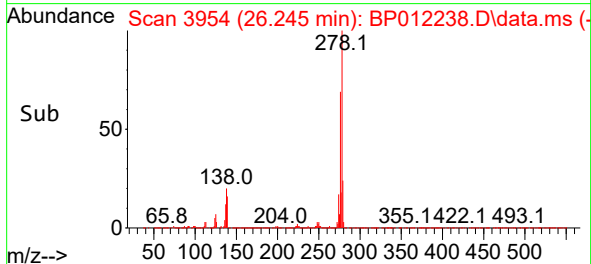
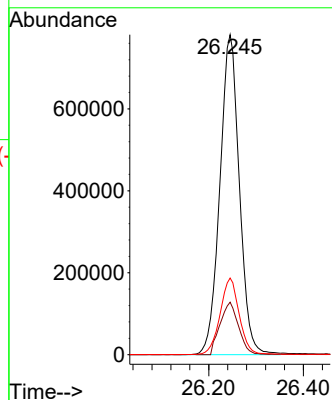


#95
 Dibenzo(a,h)anthracene
 Concen: 23.737 ng/ul
 RT: 26.245 min Scan# 3954
 Delta R.T. -0.017 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 2228872
 Ion Ratio Lower Upper
 278 100
 139 16.4 12.9 19.3
 279 24.0 19.0 28.4



#96
 Benzo(g,h,i)perylene
 Concen: 21.496 ng/ul
 RT: 26.998 min Scan# 4082
 Delta R.T. -0.012 min
 Lab File: BP012238.D
 Acq: 21 Oct 2022 10:55

Tgt Ion:276 Resp: 2102180
 Ion Ratio Lower Upper
 276 100
 138 21.2 17.9 26.9
 277 23.3 18.9 28.3

