

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013559.D
 Acq On : 23 Jan 2023 22:04
 Operator : CG/JU
 Sample : PB150338BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150338BS

Quant Time: Jan 24 05:50:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	305048	20.000	ng	0.00
21) Naphthalene-d8	10.992	136	1182877	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	628678	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1173361	20.000	ng	0.00
76) Chrysene-d12	21.627	240	917080	20.000	ng	-0.01
86) Perylene-d12	24.215	264	931133	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2784528	156.398	ng	0.00
7) Phenol-d6	7.304	99	3437757	143.467	ng	0.00
23) Nitrobenzene-d5	9.334	82	1862510	103.947	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1038477	164.683	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4410931	96.308	ng	0.00
79) Terphenyl-d14	20.080	244	5247178	102.932	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.534	88	293781	40.931	ng	98
3) Pyridine	3.940	79	817637	38.374	ng	99
4) n-Nitrosodimethylamine	3.852	42	433812	45.031	ng	97
6) Aniline	7.475	93	1135670	35.281	ng	99
8) 2-Chlorophenol	7.722	128	991981	50.492	ng	99
9) Benzaldehyde	7.287	77	428230	28.221	ng	99
10) Phenol	7.334	94	1245211	50.158	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	944119	46.509	ng	98
12) 1,3-Dichlorobenzene	8.051	146	1093526	50.332	ng	98
13) 1,4-Dichlorobenzene	8.198	146	1113401	50.541	ng	99
14) 1,2-Dichlorobenzene	8.522	146	1068790	50.105	ng	99
15) Benzyl Alcohol	8.398	79	795280	46.453	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.693	45	1293320	46.527	ng	99
17) 2-Methylphenol	8.598	107	813357	45.112	ng	99
18) Hexachloroethane	9.257	117	383491	52.081	ng	99
19) n-Nitroso-di-n-propyla...	8.975	70	671388	43.501	ng	99
20) 3+4-Methylphenols	8.928	107	1064204	44.843	ng	97
22) Acetophenone	8.993	105	1437726	47.379	ng	# 99
24) Nitrobenzene	9.381	77	981448	50.944	ng	98
25) Isophorone	9.904	82	1836279	43.207	ng	100
26) 2-Nitrophenol	10.092	139	367198	51.282	ng	96
27) 2,4-Dimethylphenol	10.145	122	909210	49.559	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	1190757	46.493	ng	100
29) 2,4-Dichlorophenol	10.628	162	856217	50.738	ng	99
30) 1,2,4-Trichlorobenzene	10.851	180	959674	49.832	ng	99
31) Naphthalene	11.045	128	2976039	46.798	ng	99
32) Benzoic acid	10.269	122	410423	47.258	ng	96
33) 4-Chloroaniline	11.145	127	284998	10.128	ng	98
34) Hexachlorobutadiene	11.328	225	546134	48.731	ng	99
35) Caprolactam	11.916	113	247531	45.244	ng	99
36) 4-Chloro-3-methylphenol	12.251	107	863266	46.972	ng	98
37) 2-Methylnaphthalene	12.639	142	2001284	44.274	ng	99
38) 1-Methylnaphthalene	12.857	142	1843880	43.412	ng	98
40) 1,2,4,5-Tetrachloroben...	12.998	216	980202	50.643	ng	99
41) Hexachlorocyclopentadiene	12.981	237	1269808	122.772	ng	99
43) 2,4,6-Trichlorophenol	13.233	196	605877	53.485	ng	99

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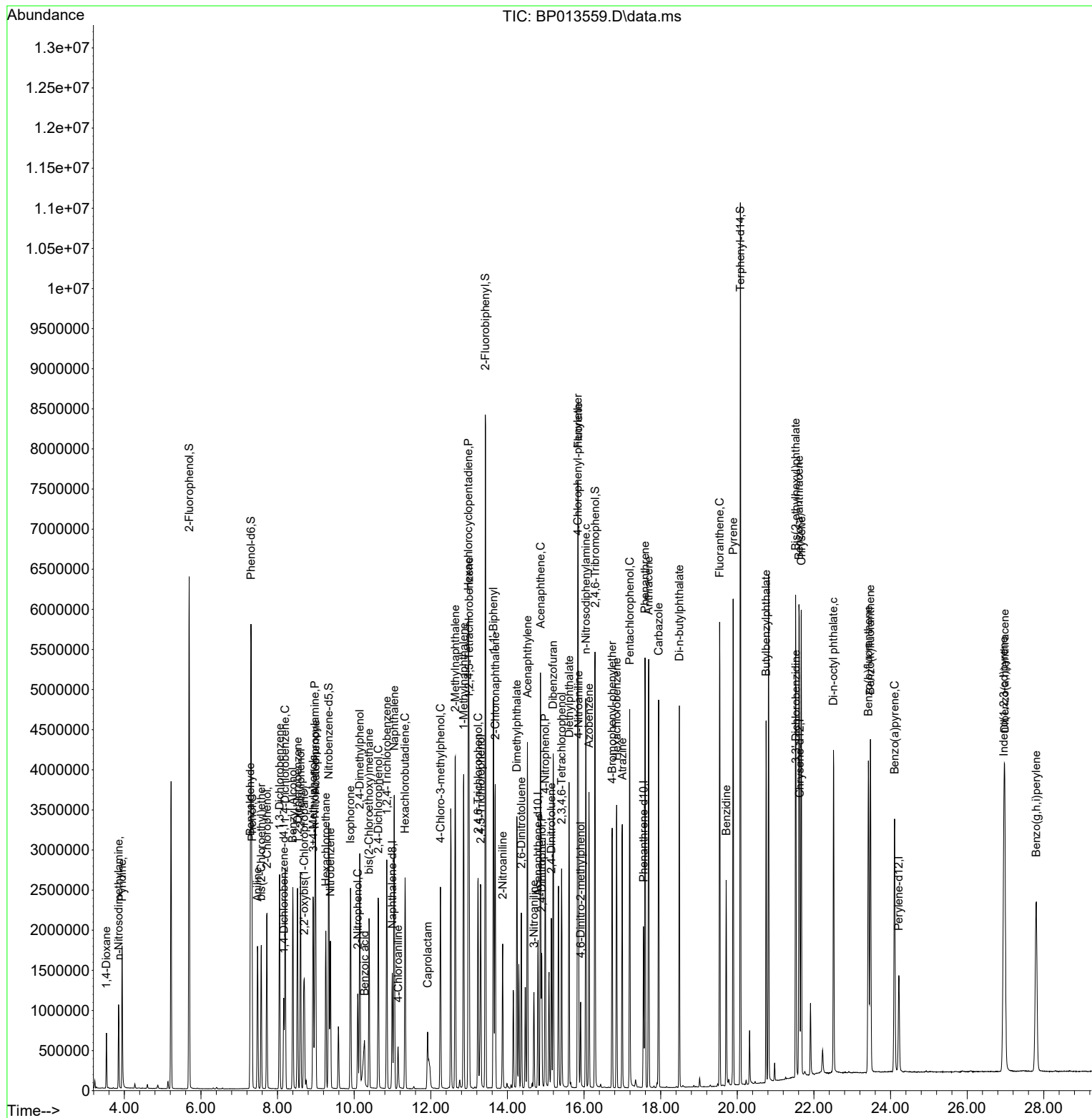
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	659587	49.275	ng	98
46) 1,1'-Biphenyl	13.633	154	2498967	49.495	ng	99
47) 2-Chloronaphthalene	13.681	162	1897852	50.174	ng	99
48) 2-Nitroaniline	13.875	65	452763	47.883	ng	94
49) Acenaphthylene	14.522	152	2950004	47.689	ng	99
50) Dimethylphthalate	14.245	163	2192779	46.922	ng	100
51) 2,6-Dinitrotoluene	14.363	165	441316	48.295	ng	94
52) Acenaphthene	14.863	154	1960806	51.315	ng	99
53) 3-Nitroaniline	14.692	138	278701	29.080	ng	99
54) 2,4-Dinitrophenol	14.898	184	317832	87.656	ng	92
55) Dibenzofuran	15.192	168	2733971	46.660	ng	100
56) 4-Nitrophenol	14.986	139	799567	99.646	ng	94
57) 2,4-Dinitrotoluene	15.145	165	573646	52.421	ng	94
58) Fluorene	15.845	166	2169142	46.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.416	232	529231	51.490	ng	99
60) Diethylphthalate	15.610	149	2107153	46.165	ng	99
61) 4-Chlorophenyl-phenyle...	15.833	204	1053322	45.997	ng	98
62) 4-Nitroaniline	15.857	138	458262	46.046	ng	94
63) Azobenzene	16.127	77	2025582	45.670	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	203697	52.598	ng	98
66) n-Nitrosodiphenylamine	16.045	169	1851194	48.379	ng	99
67) 4-Bromophenyl-phenylether	16.733	248	629714	48.449	ng	98
68) Hexachlorobenzene	16.851	284	731393	52.096	ng	99
69) Atrazine	16.998	200	586113	53.535	ng	97
70) Pentachlorophenol	17.192	266	807994	85.816	ng	99
71) Phenanthrene	17.592	178	3176233	48.653	ng	99
72) Anthracene	17.686	178	3212196	48.479	ng	99
73) Carbazole	17.945	167	2877111	48.317	ng	100
74) Di-n-butylphthalate	18.486	149	3238410	48.865	ng	100
75) Fluoranthene	19.539	202	3295837	47.473	ng	100
77) Benzidine	19.710	184	1368654	59.339	ng	99
78) Pyrene	19.892	202	3420671	48.781	ng	100
80) Butylbenzylphthalate	20.751	149	1195083	53.528	ng	97
81) Benzo(a)anthracene	21.609	228	3078363	48.183	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	622602	30.245	ng	100
83) Chrysene	21.668	228	2921582	47.810	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	1745413	48.848	ng	100
85) Di-n-octyl phthalate	22.509	149	2860809	49.661	ng	99
87) Indeno(1,2,3-cd)pyrene	26.956	276	3597835	52.458	ng	100
88) Benzo(b)fluoranthene	23.421	252	3054637	53.327	ng	100
89) Benzo(k)fluoranthene	23.474	252	2936541	50.263	ng	99
90) Benzo(a)pyrene	24.103	252	2595843	46.717	ng	100
91) Dibenzo(a,h)anthracene	26.980	278	3045259	52.935	ng	99
92) Benzo(g,h,i)perylene	27.803	276	2943954	52.426	ng	99

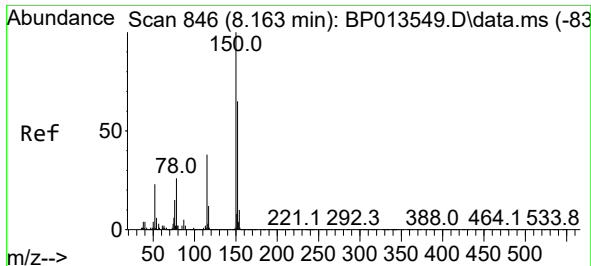
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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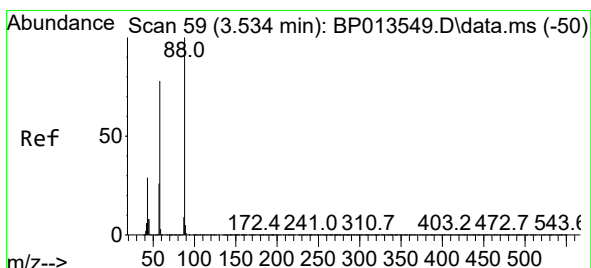
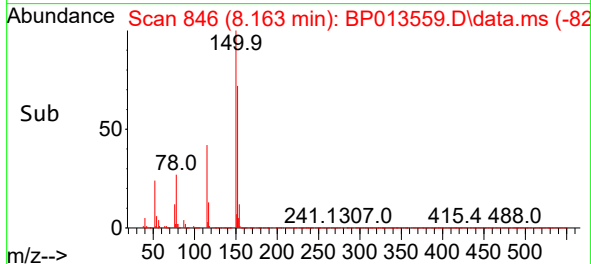
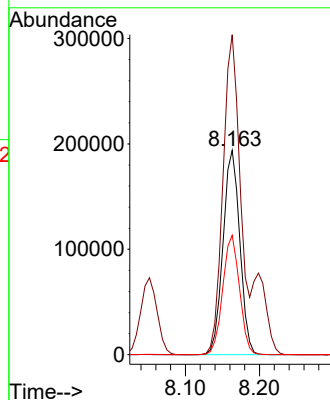
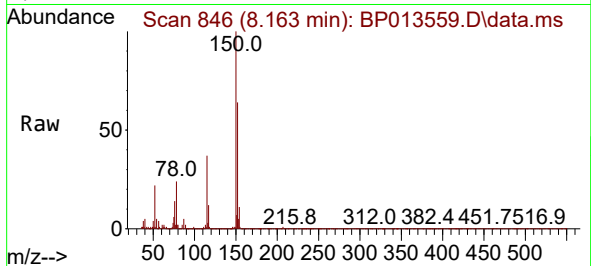




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.163 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BP013559.D
 Acq: 23 Jan 2023 22:04

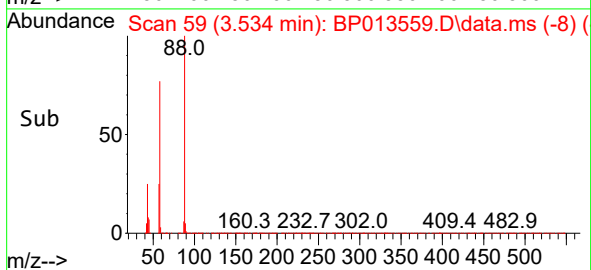
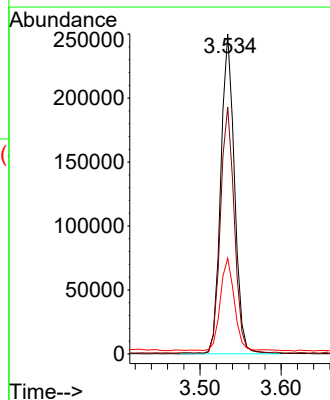
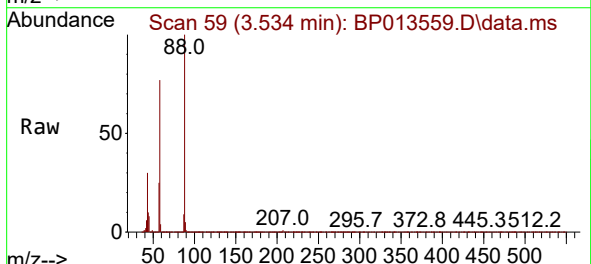
Instrument :
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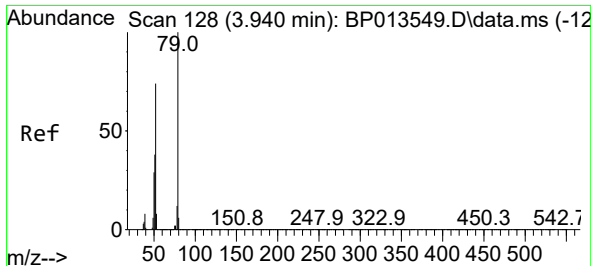
Tgt Ion:152 Resp: 305048
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.4 183.6
 115 58.4 46.1 69.1



#2
 1,4-Dioxane
 Concen: 40.931 ng
 RT: 3.534 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: BP013559.D
 Acq: 23 Jan 2023 22:04

Tgt Ion: 88 Resp: 293781
 Ion Ratio Lower Upper
 88 100
 58 78.2 63.6 95.4
 43 29.1 24.2 36.2

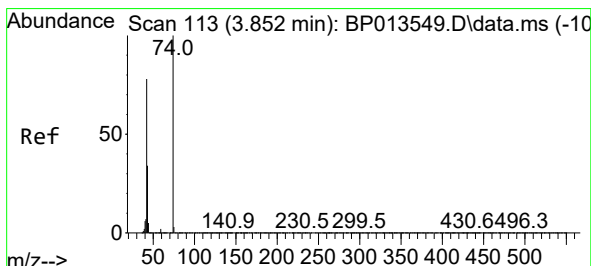
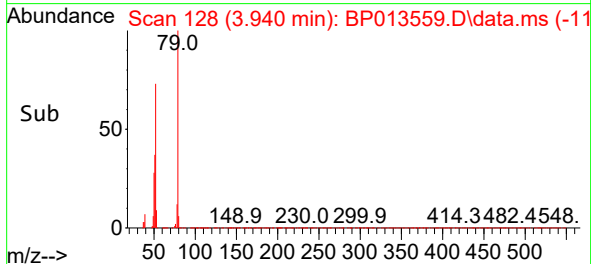
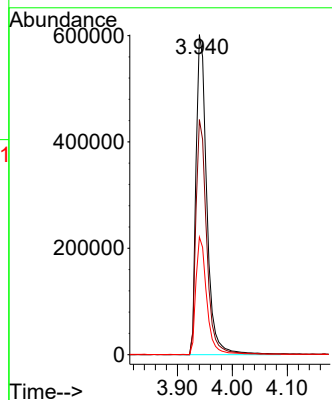
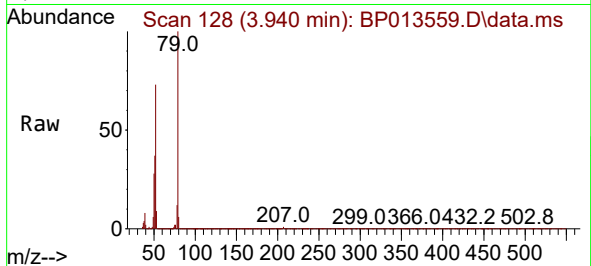




#3
Pyridine
Concen: 38.374 ng
RT: 3.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

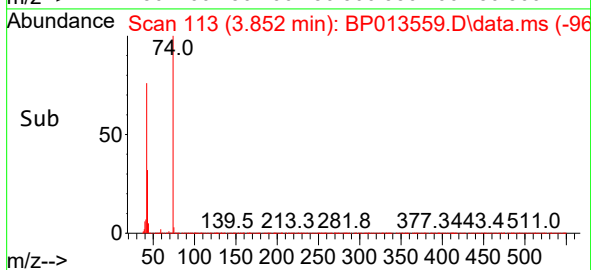
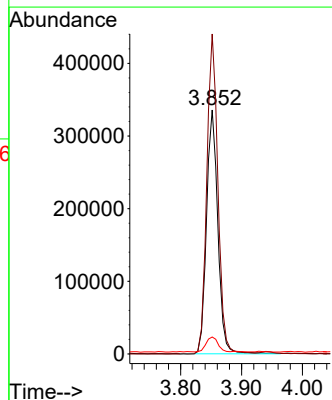
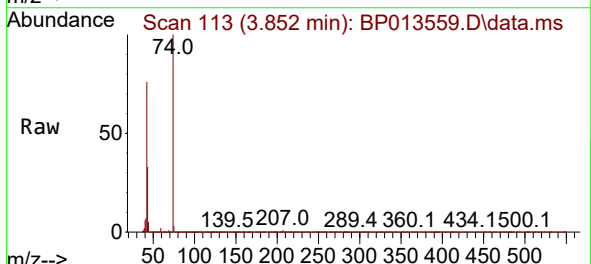
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ClientSampleId :
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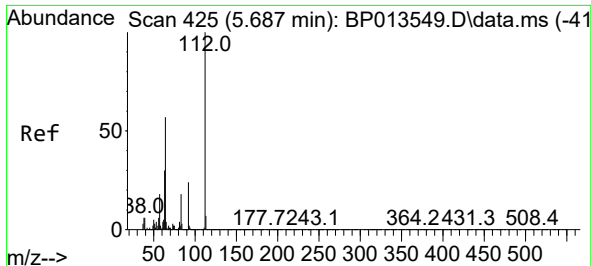
Tgt Ion: 79 Resp: 817637
Ion Ratio Lower Upper
79 100
52 73.4 59.4 89.2
51 36.8 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 45.031 ng
RT: 3.852 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 42 Resp: 433812
Ion Ratio Lower Upper
42 100
74 131.2 102.3 153.5
44 7.0 6.2 9.2

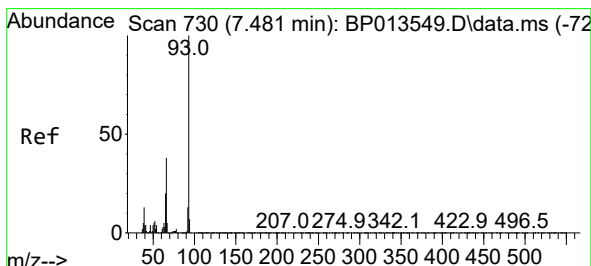
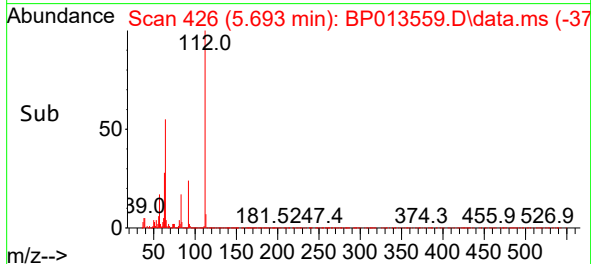
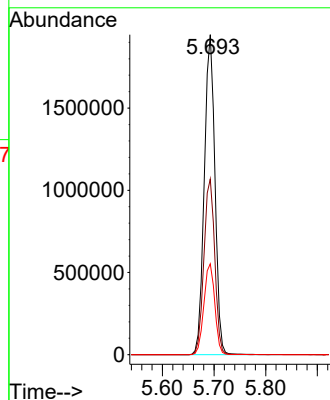
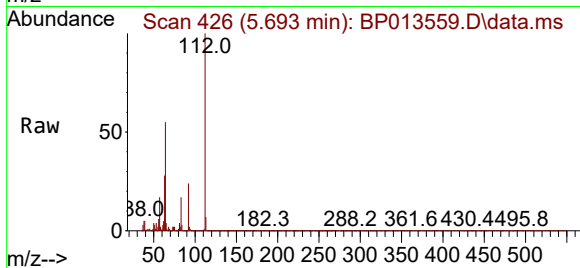




#5
2-Fluorophenol
Concen: 156.398 ng
RT: 5.693 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

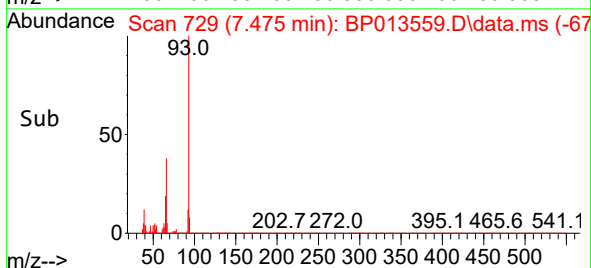
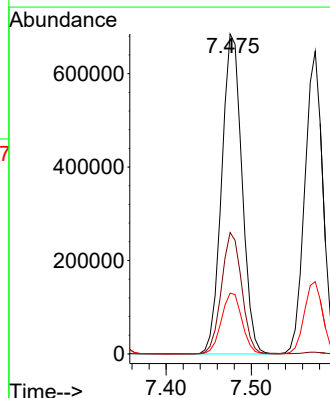
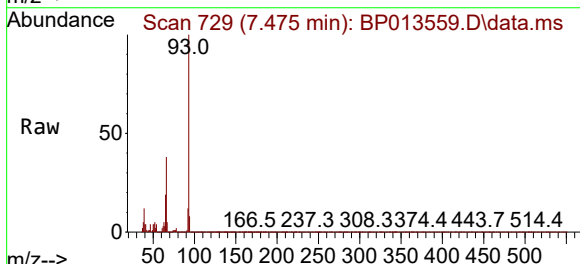
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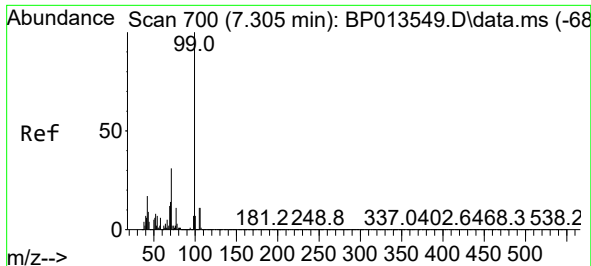
Tgt Ion:112 Resp: 2784528
Ion Ratio Lower Upper
112 100
64 54.9 45.4 68.0
63 28.4 24.1 36.1



#6
Aniline
Concen: 35.281 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 93 Resp: 1135670
Ion Ratio Lower Upper
93 100
66 37.9 30.3 45.5
65 19.0 15.9 23.9



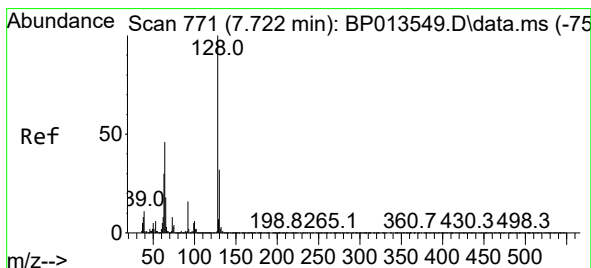
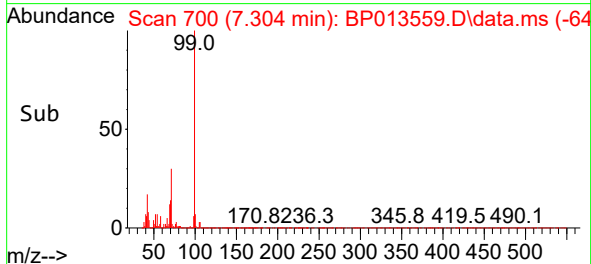
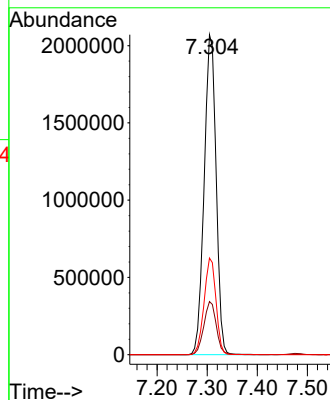
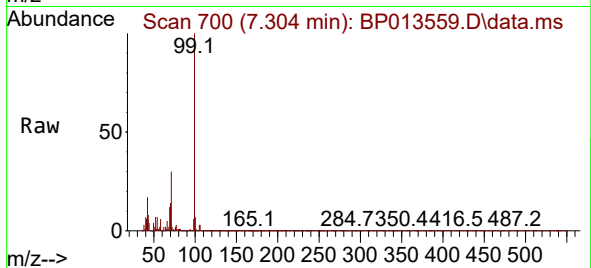


#7
Phenol-d6
Concen: 143.467 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 3437757

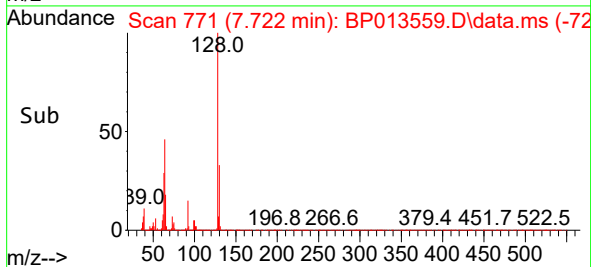
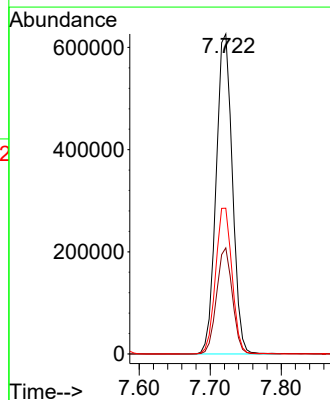
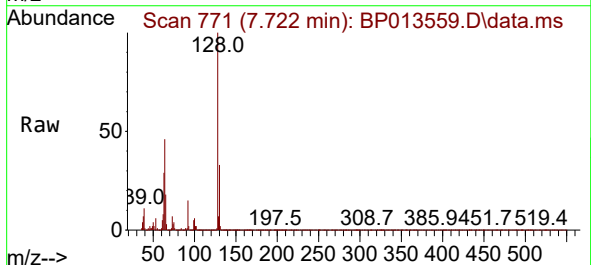
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.0	21.0
71	30.2	24.7	37.1

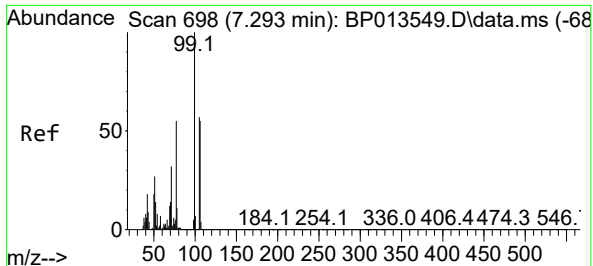


#8
2-Chlorophenol
Concen: 50.492 ng
RT: 7.722 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 128 Resp: 991981

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.4	52.4
64	45.6	26.2	66.2

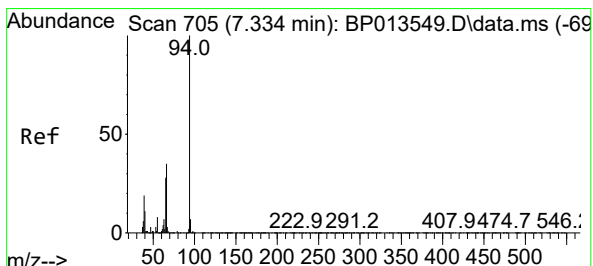
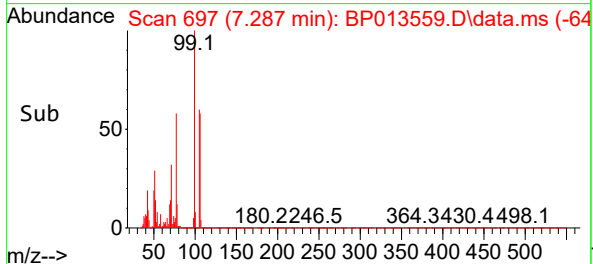
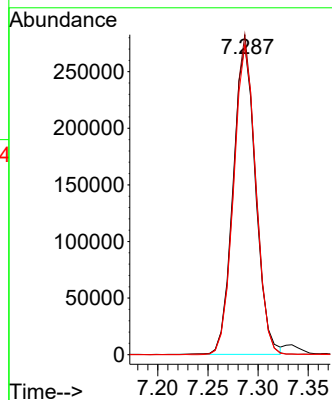
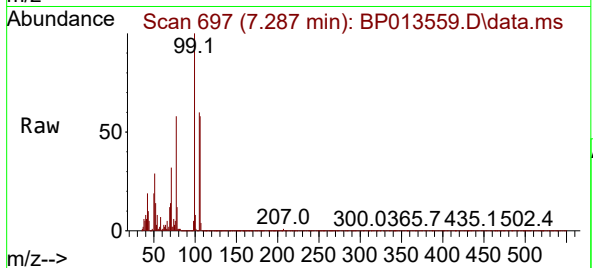




#9
Benzaldehyde
Concen: 28.221 ng
RT: 7.287 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP013559.D
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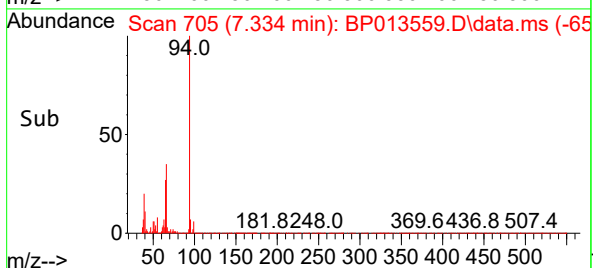
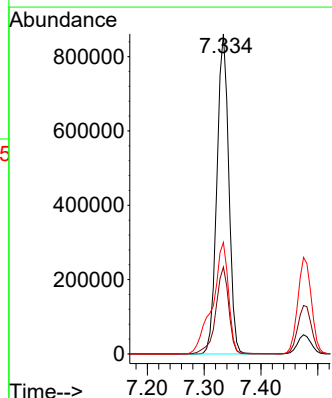
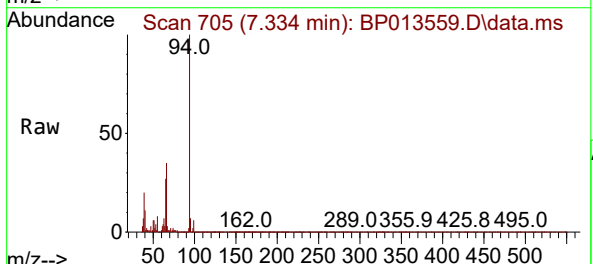
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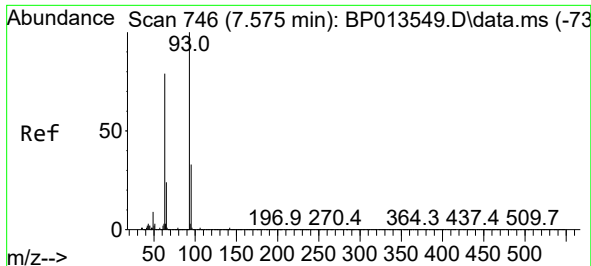
Tgt Ion: 77 Resp: 428230
Ion Ratio Lower Upper
77 100
105 103.4 82.6 122.6
106 100.1 78.9 118.9



#10
Phenol
Concen: 50.158 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP013559.D
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Tgt Ion: 94 Resp: 1245211
Ion Ratio Lower Upper
94 100
65 27.1 7.8 47.8
66 34.9 15.5 55.5

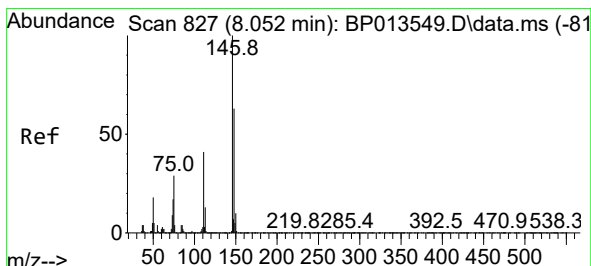
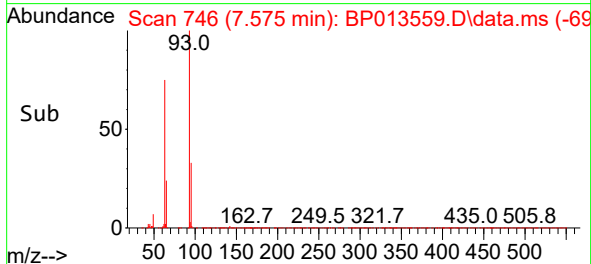
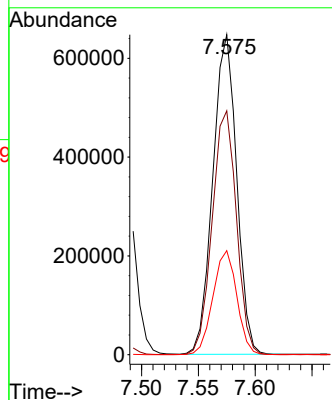
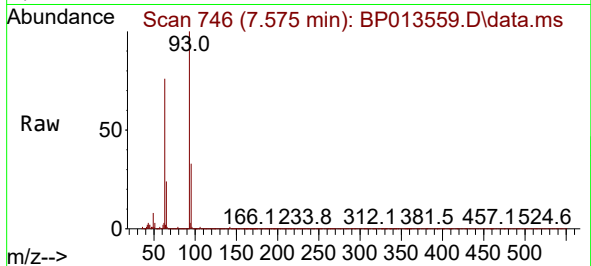




#11
bis(2-Chloroethyl)ether
Concen: 46.509 ng
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

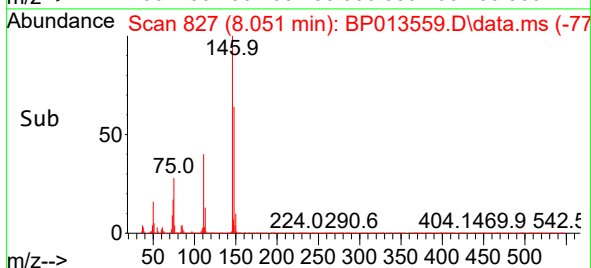
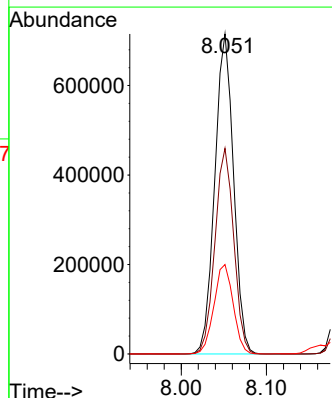
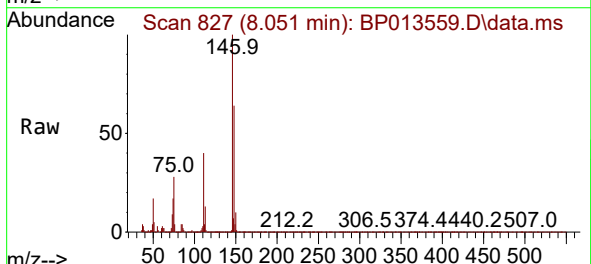
Instrument :
BNA_P
ClientSampleId :
PB150338BS

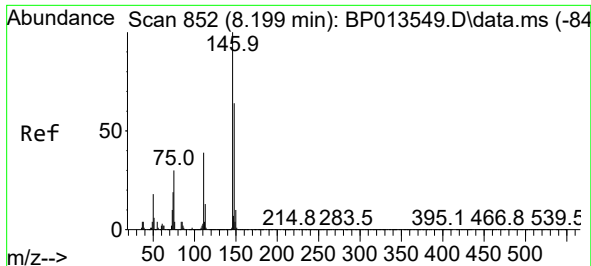
Tgt Ion: 93 Resp: 944119
Ion Ratio Lower Upper
93 100
63 76.2 58.7 98.7
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 50.332 ng
RT: 8.051 min Scan# 827
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 146 Resp: 1093526
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
75 27.9 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 50.541 ng

RT: 8.198 min Scan# 852

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

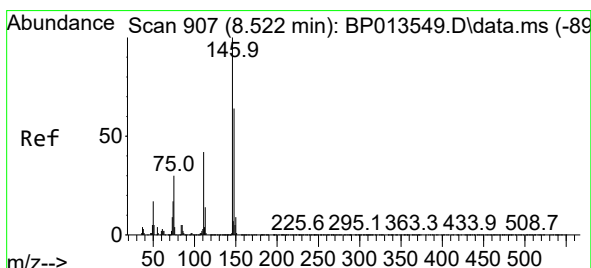
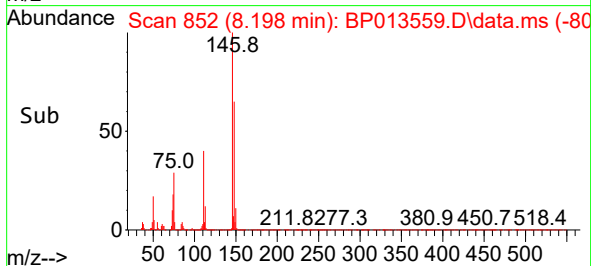
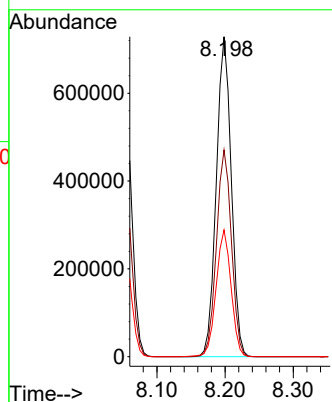
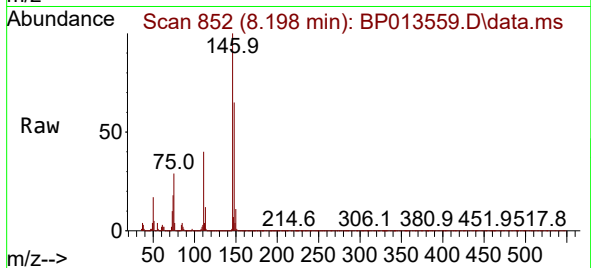
Tgt Ion:146 Resp: 1113401

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

111 39.6 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 50.105 ng

RT: 8.522 min Scan# 907

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

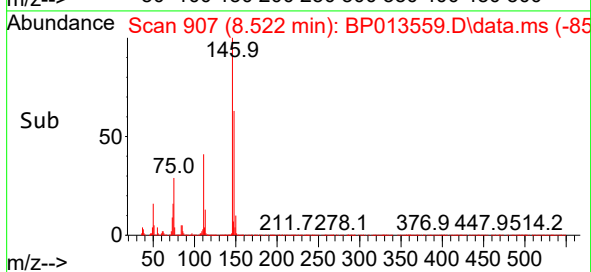
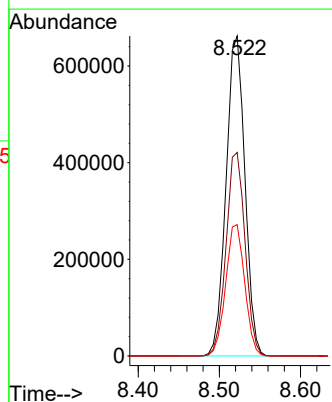
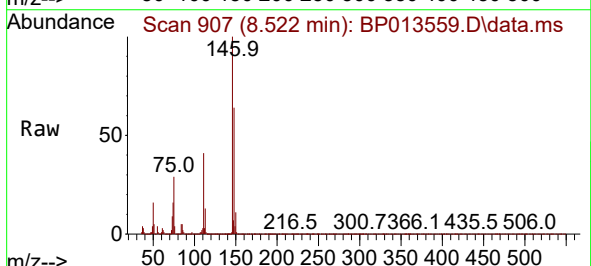
Tgt Ion:146 Resp: 1068790

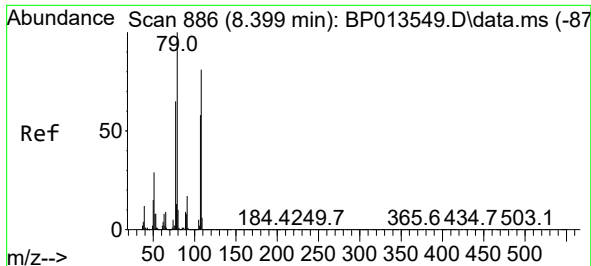
Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 41.0 33.4 50.2

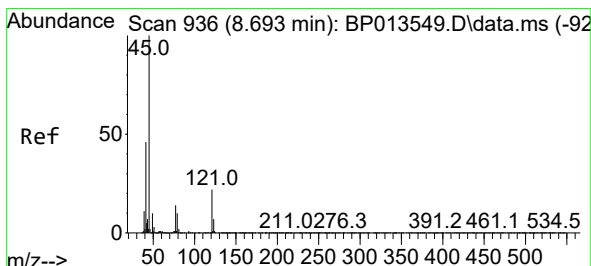
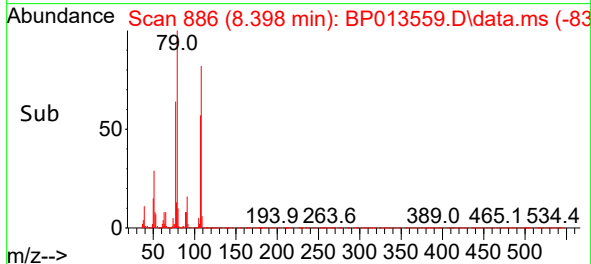
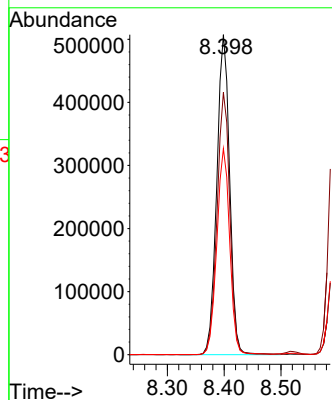
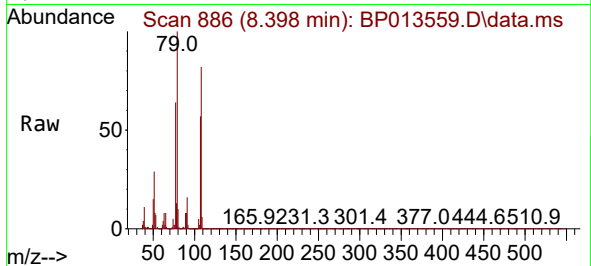




#15
Benzyl Alcohol
Concen: 46.453 ng
RT: 8.398 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

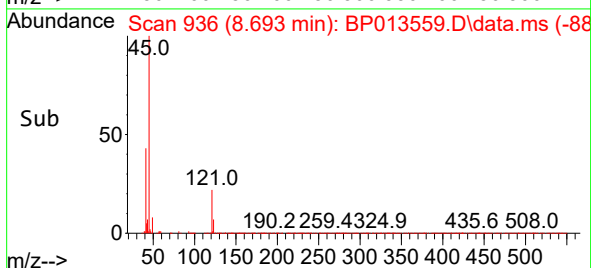
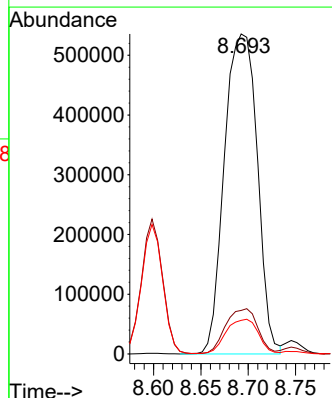
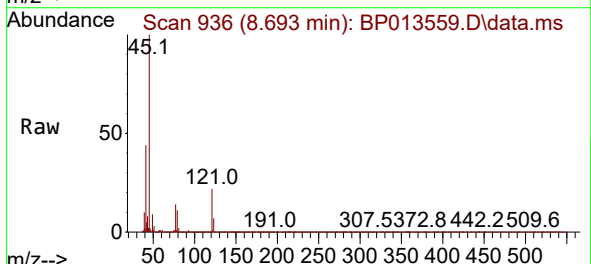
Instrument :
BNA_P
ClientSampleId :
PB150338BS

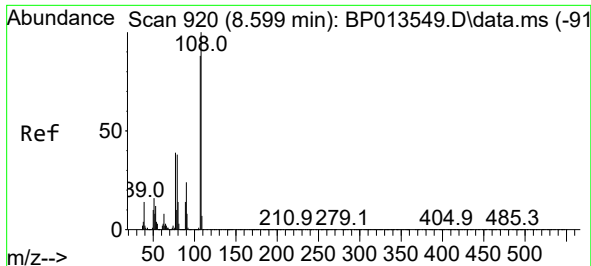
Tgt Ion: 79 Resp: 795280
Ion Ratio Lower Upper
79 100
108 82.0 65.2 97.8
77 64.4 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.527 ng
RT: 8.693 min Scan# 936
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 45 Resp: 1293320
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.2
79 10.5 0.0 30.4





#17

2-Methylphenol

Concen: 45.112 ng

RT: 8.598 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:107 Resp: 813357

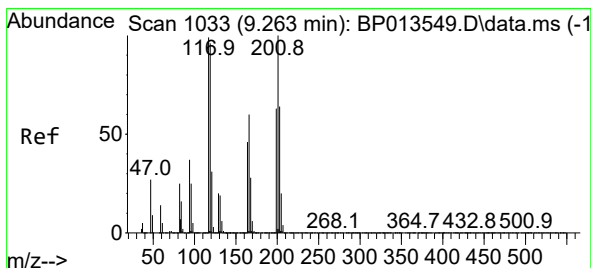
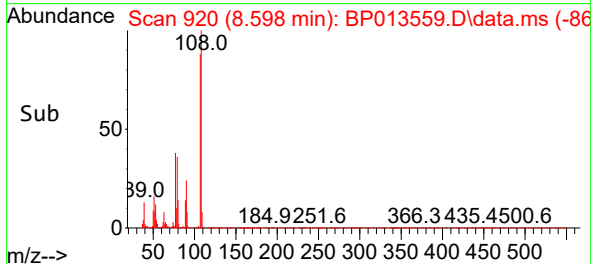
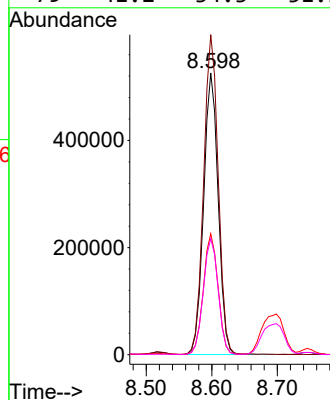
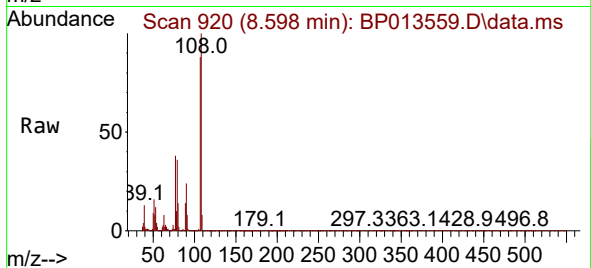
Ion Ratio Lower Upper

107 100

108 113.6 90.5 135.7

77 42.9 35.4 53.2

79 41.2 34.3 51.5



#18

Hexachloroethane

Concen: 52.081 ng

RT: 9.257 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

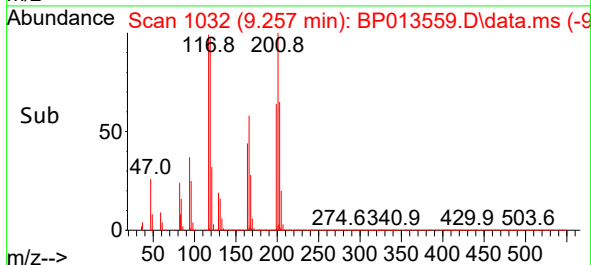
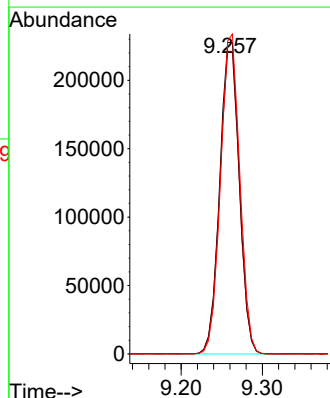
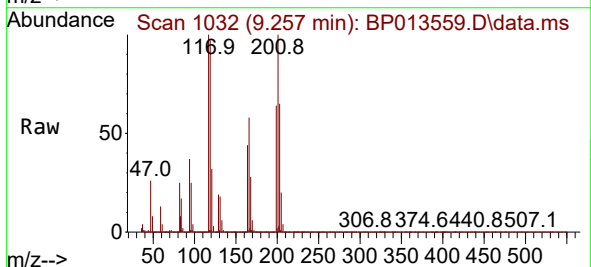
Tgt Ion:117 Resp: 383491

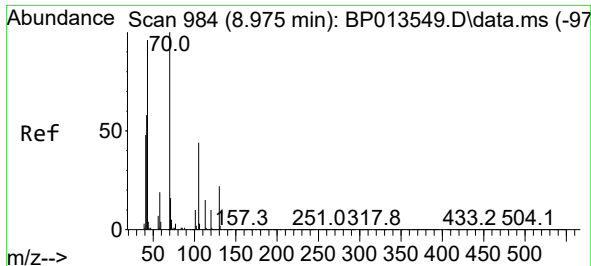
Ion Ratio Lower Upper

117 100

119 97.2 77.0 115.6

201 100.5 80.6 120.8

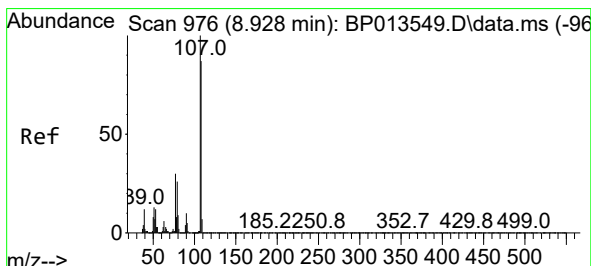
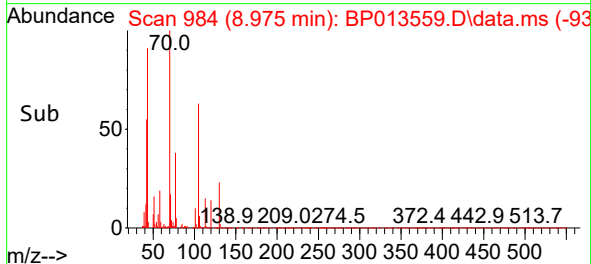
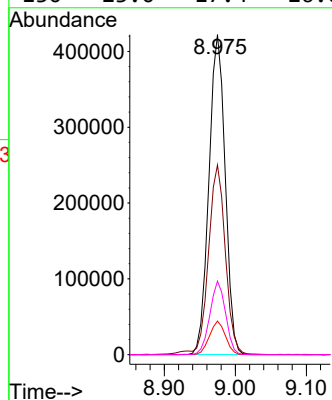
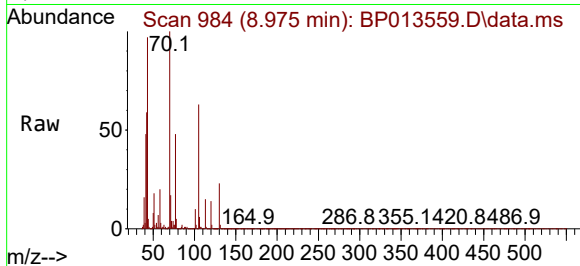




#19
n-Nitroso-di-n-propylamine
Concen: 43.501 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

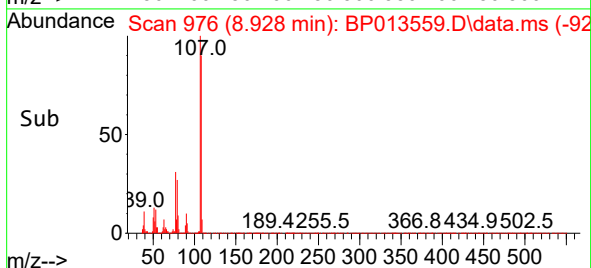
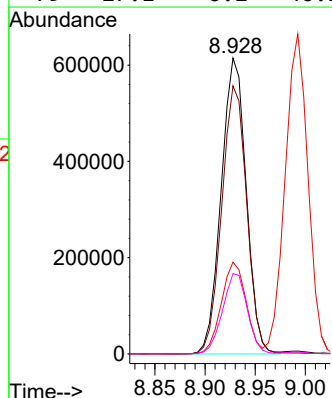
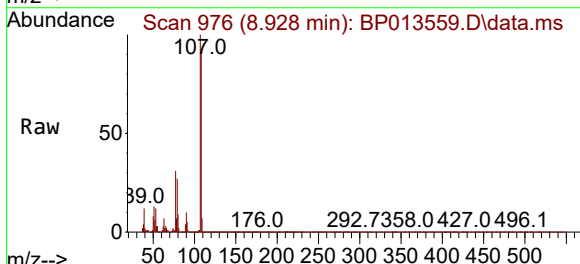
Instrument :
BNA_P
ClientSampleId :
PB150338BS

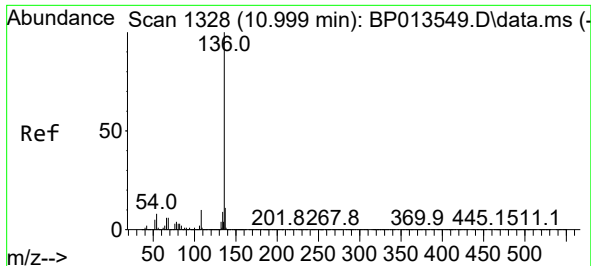
Tgt Ion: 70 Resp: 671388
Ion Ratio Lower Upper
70 100
42 59.3 47.2 70.8
101 10.5 8.0 12.0
130 23.0 17.4 26.0



#20
3+4-Methylphenols
Concen: 44.843 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 107 Resp: 1064204
Ion Ratio Lower Upper
107 100
108 90.6 67.5 107.5
77 31.0 10.5 50.5
79 27.1 6.2 46.2

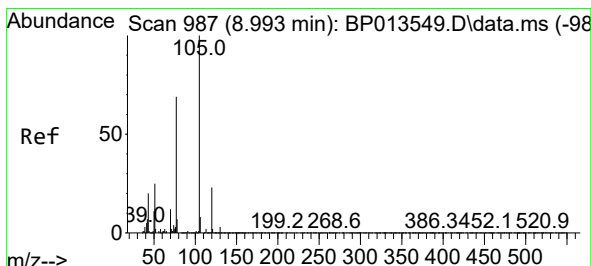
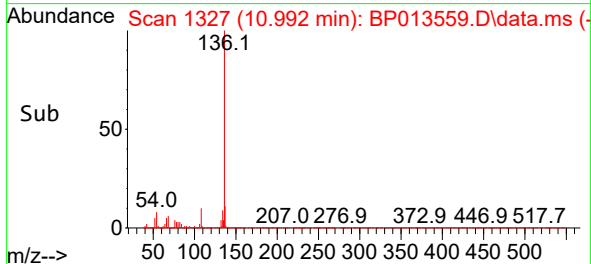
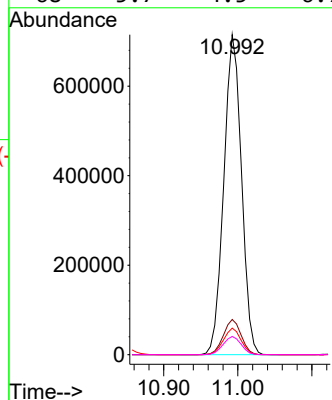
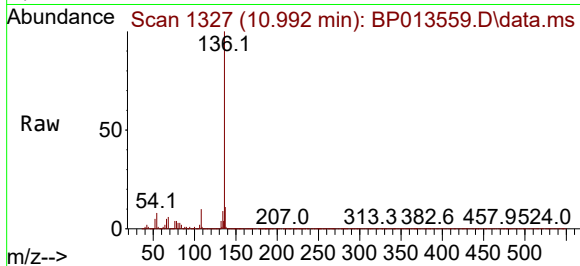




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.992 min Scan# 11
Delta R.T. -0.007 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

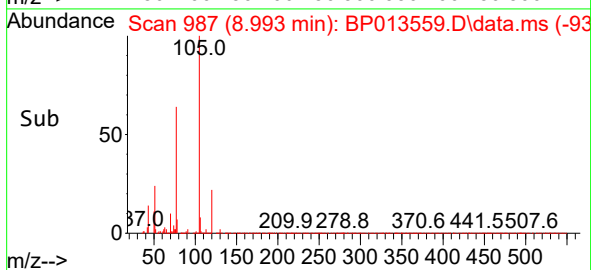
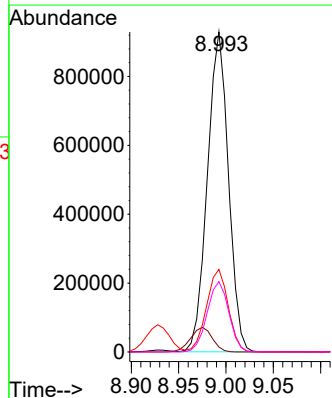
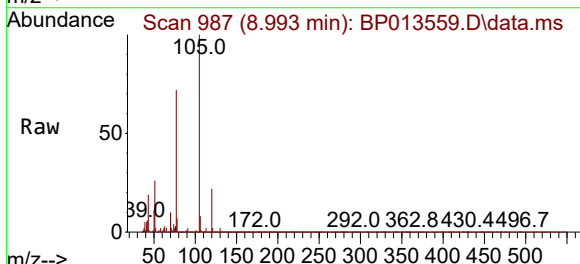
Instrument :
BNA_P
ClientSampleId :
PB150338BS

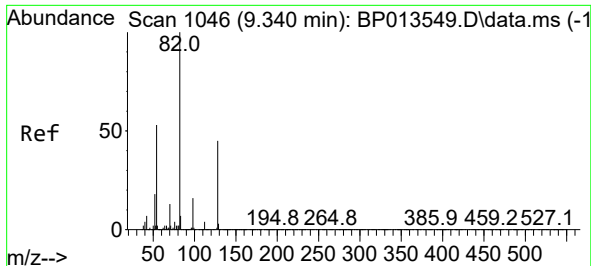
Tgt Ion:136 Resp: 1182877
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.3 6.6 9.8
68 5.7 4.5 6.7



#22
Acetophenone
Concen: 47.379 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:105 Resp: 1437726
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.8#
51 25.8 21.1 31.7
120 22.0 18.2 27.2

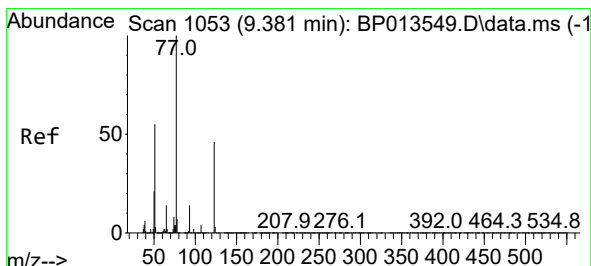
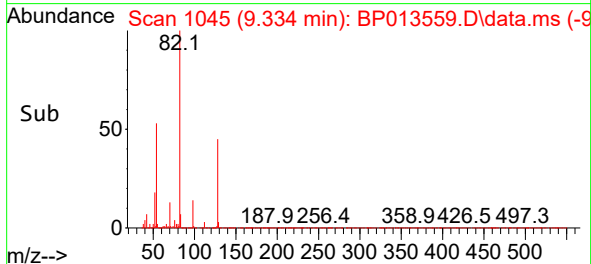
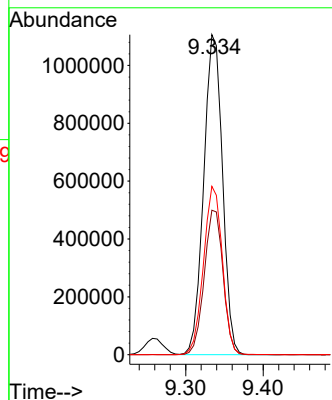
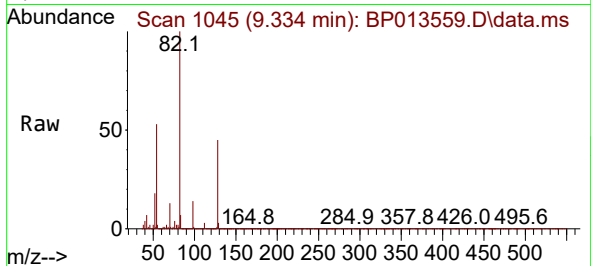




#23
Nitrobenzene-d5
Concen: 103.947 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

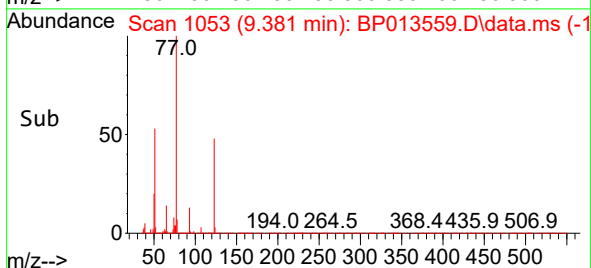
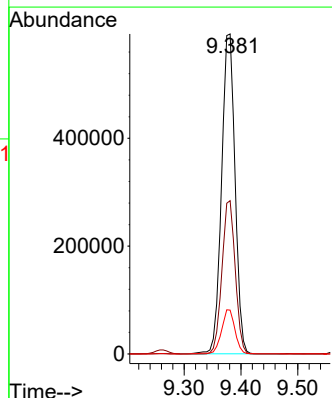
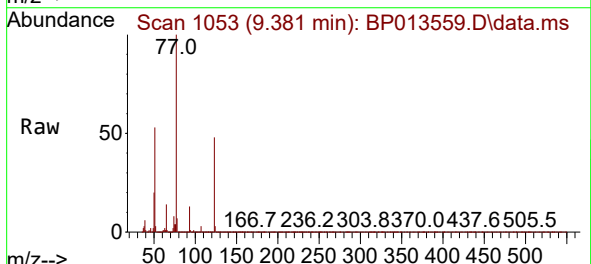
Instrument :
BNA_P
ClientSampleId :
PB150338BS

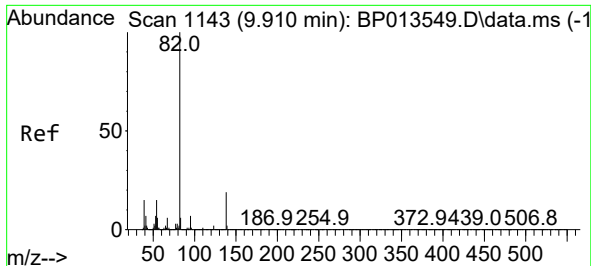
Tgt Ion: 82 Resp: 1862510
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.6
54 52.6 42.6 64.0



#24
Nitrobenzene
Concen: 50.944 ng
RT: 9.381 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion: 77 Resp: 981448
Ion Ratio Lower Upper
77 100
123 47.9 37.2 55.8
65 13.7 11.1 16.7

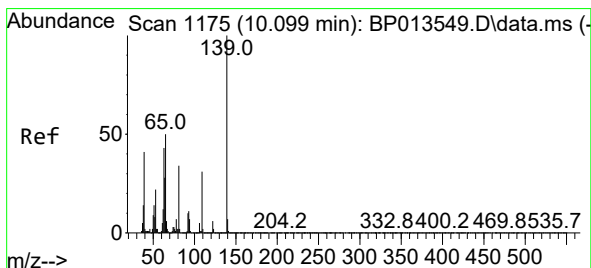
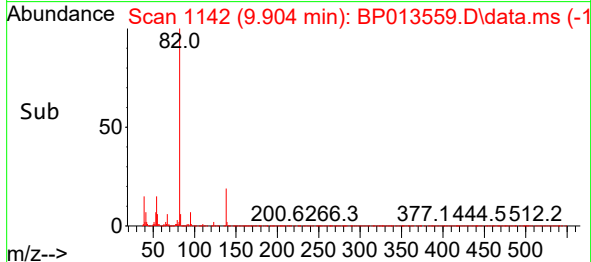
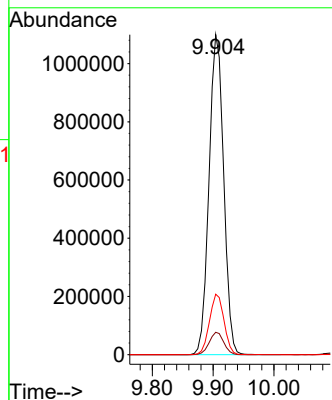
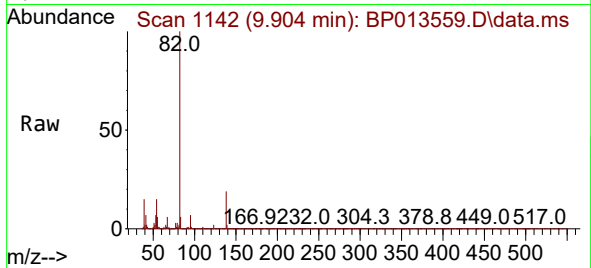




#25
Isophorone
Concen: 43.207 ng
RT: 9.904 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

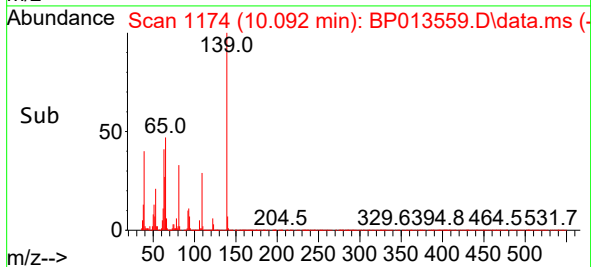
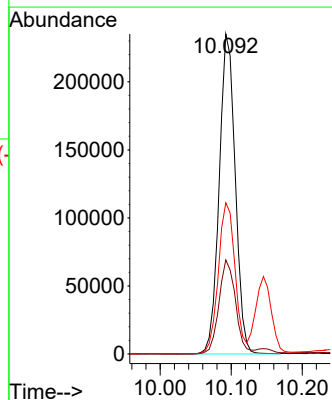
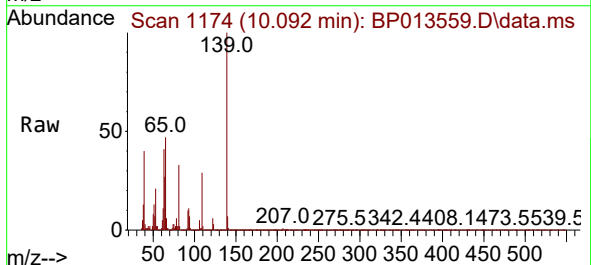
Instrument :
BNA_P
ClientSampleId :
PB150338BS

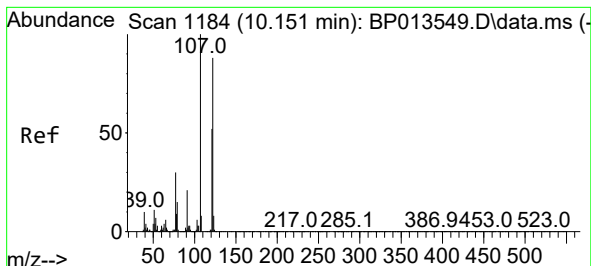
Tgt Ion: 82 Resp: 1836279
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 18.9 15.1 22.7



#26
2-Nitrophenol
Concen: 51.282 ng
RT: 10.092 min Scan# 1174
Delta R.T. -0.007 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:139 Resp: 367198
Ion Ratio Lower Upper
139 100
109 29.4 25.1 37.7
65 47.2 40.1 60.1





#27

2,4-Dimethylphenol

Concen: 49.559 ng

RT: 10.145 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

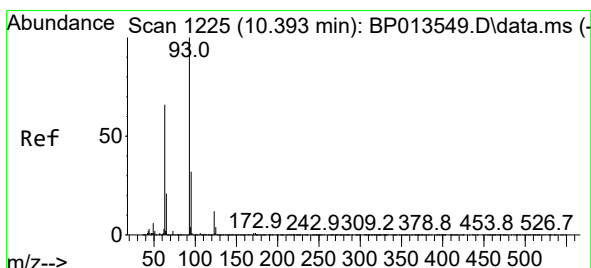
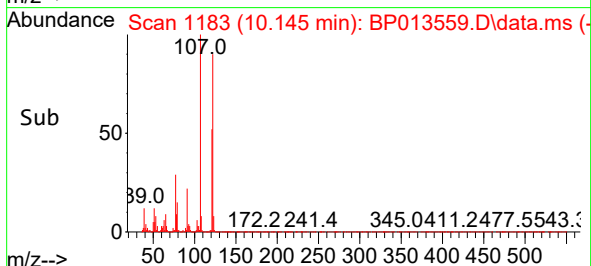
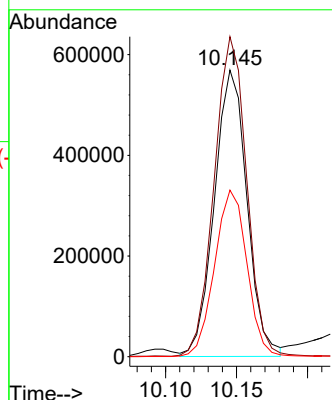
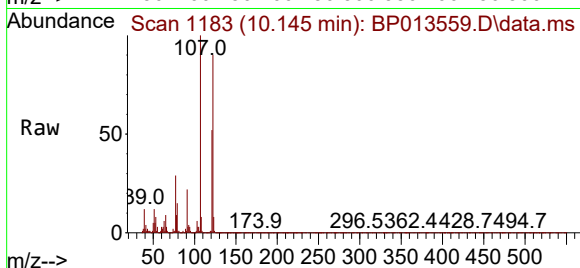
Tgt Ion:122 Resp: 909210

Ion Ratio Lower Upper

122 100

107 111.7 90.7 136.1

121 58.1 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.493 ng

RT: 10.387 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

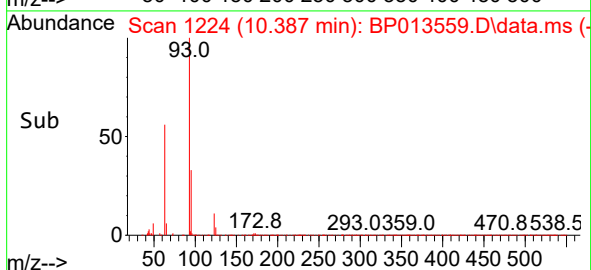
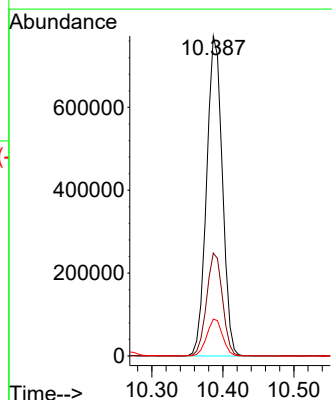
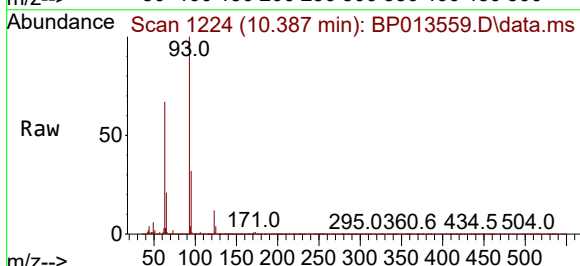
Tgt Ion: 93 Resp: 1190757

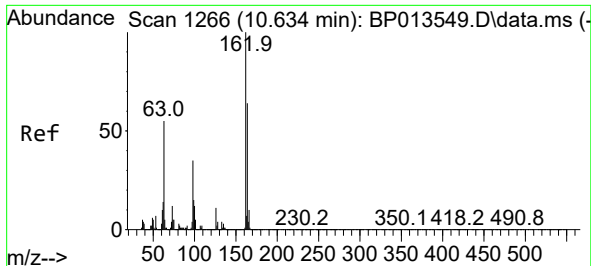
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 11.5 9.4 14.0

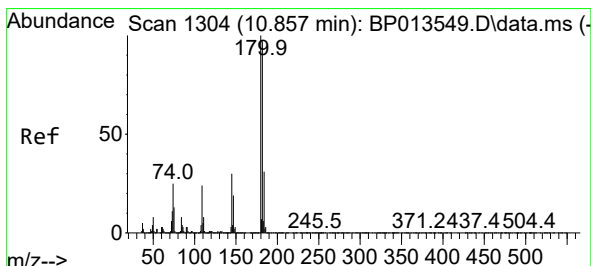
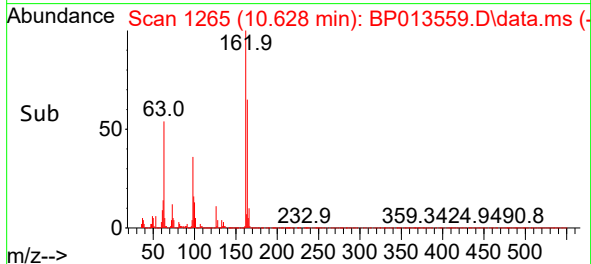
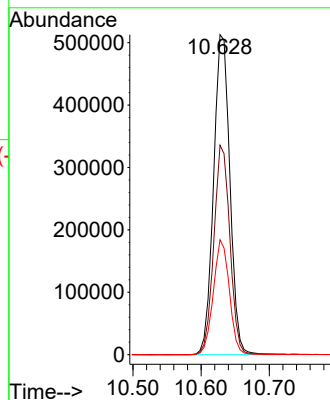
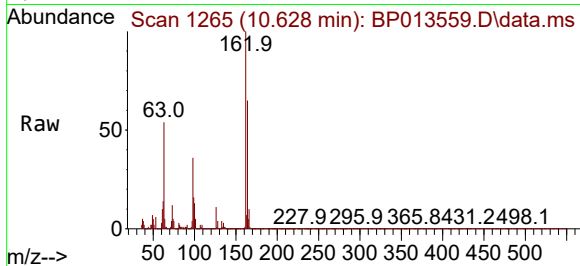




#29
2,4-Dichlorophenol
Concen: 50.738 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

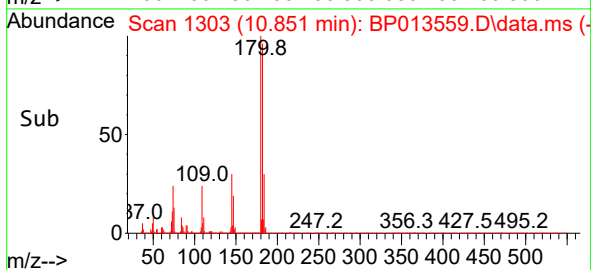
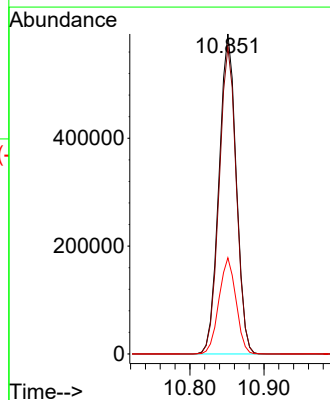
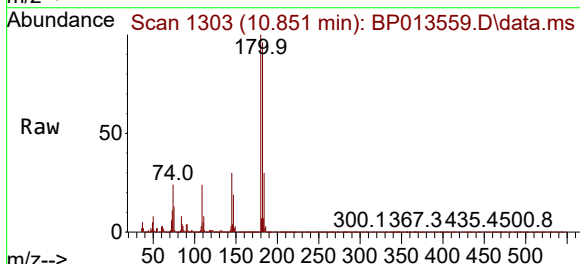
Instrument :
BNA_P
ClientSampleId :
PB150338BS

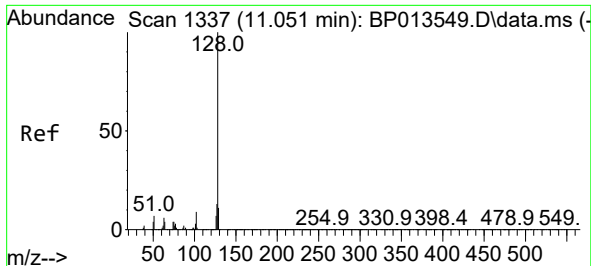
Tgt Ion:162 Resp: 856217
Ion Ratio Lower Upper
162 100
164 65.5 44.3 84.3
98 35.9 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 49.832 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:180 Resp: 959674
Ion Ratio Lower Upper
180 100
182 95.9 77.9 116.9
145 30.1 24.0 36.0

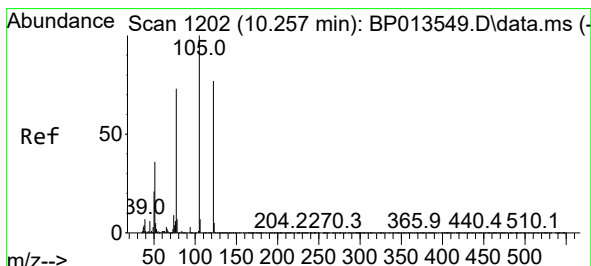
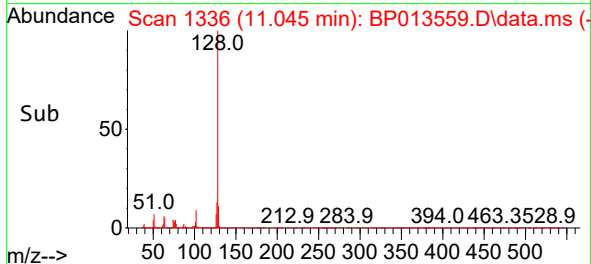
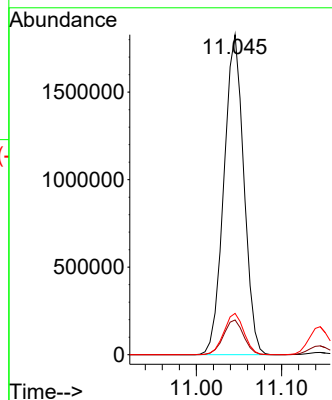
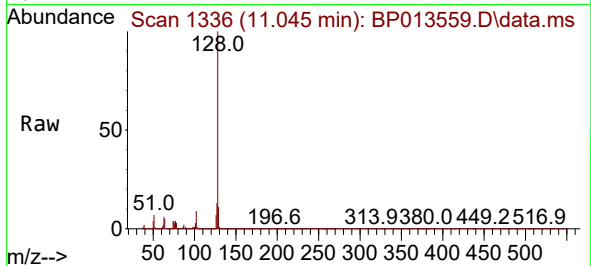




#31
Naphthalene
Concen: 46.798 ng
RT: 11.045 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

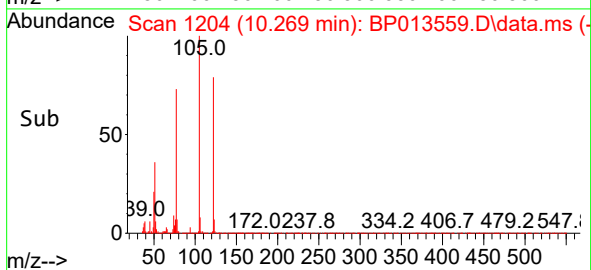
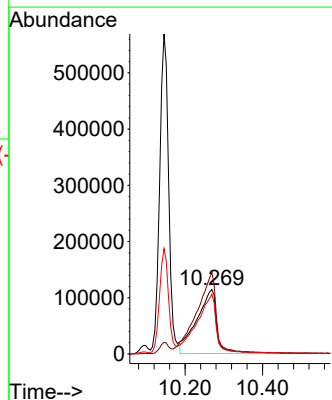
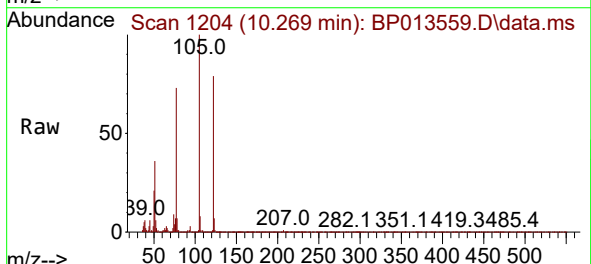
Instrument :
BNA_P
ClientSampleId :
PB150338BS

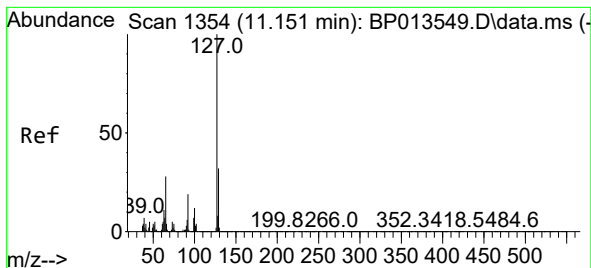
Tgt Ion:128 Resp: 2976039
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 47.258 ng
RT: 10.269 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:122 Resp: 410423
Ion Ratio Lower Upper
122 100
105 125.9 100.5 140.5
77 92.5 70.9 110.9





#33

4-Chloroaniline

Concen: 10.128 ng

RT: 11.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:127 Resp: 284998

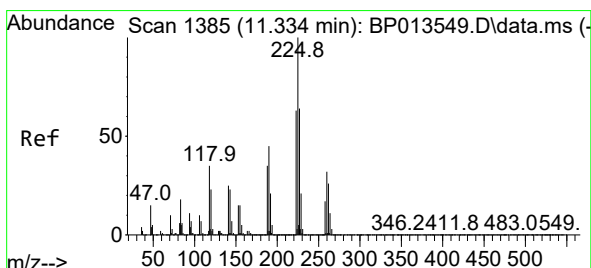
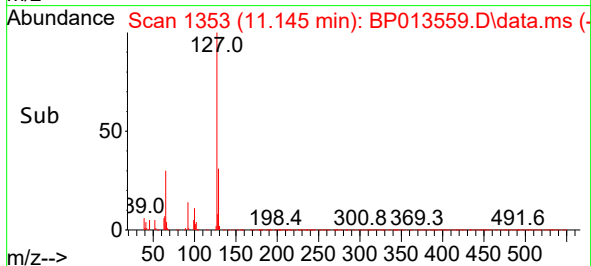
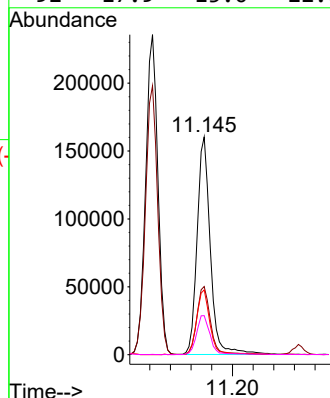
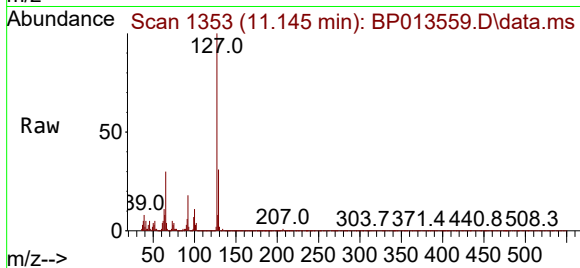
Ion Ratio Lower Upper

127 100

129 31.3 25.7 38.5

65 29.7 22.7 34.1

92 17.9 15.0 22.6



#34

Hexachlorobutadiene

Concen: 48.731 ng

RT: 11.328 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

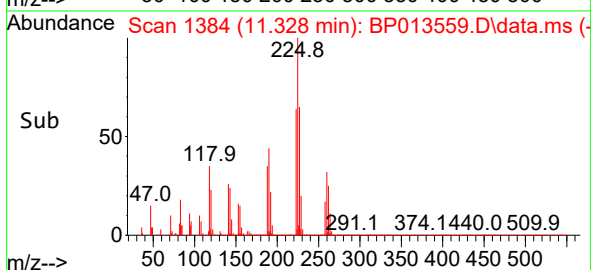
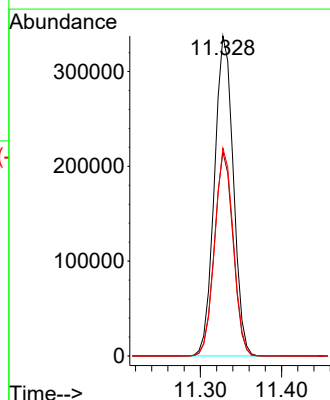
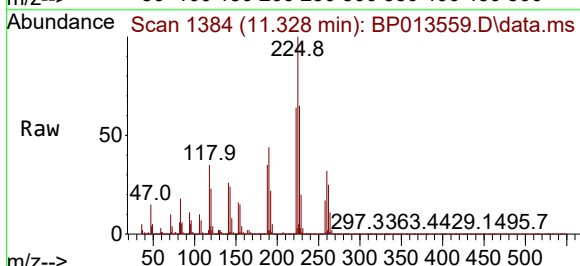
Tgt Ion:225 Resp: 546134

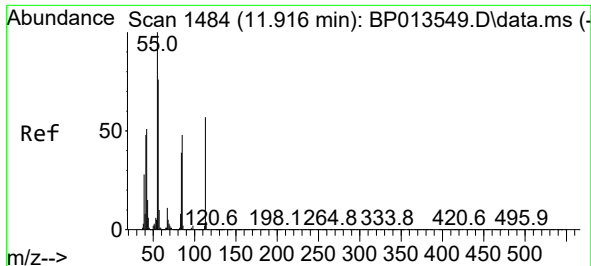
Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.2

227 65.0 51.4 77.2

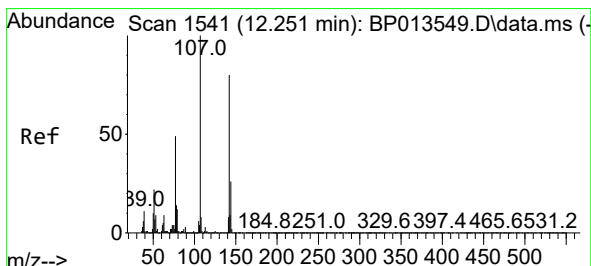
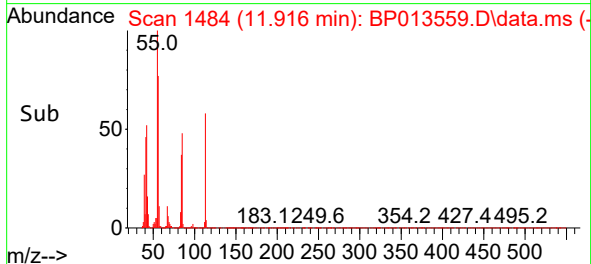
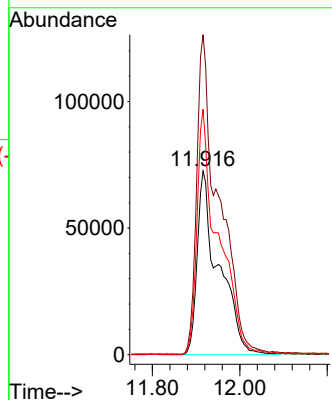
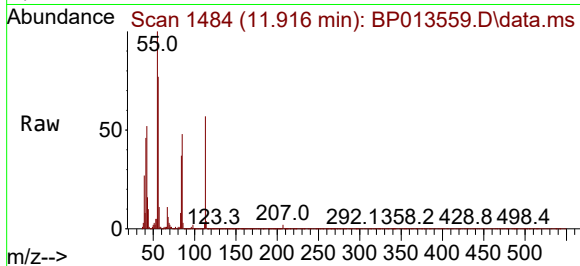




#35
Caprolactam
Concen: 45.244 ng
RT: 11.916 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

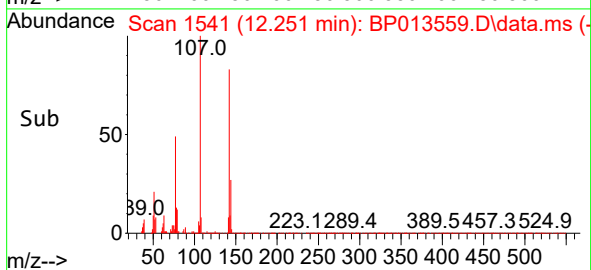
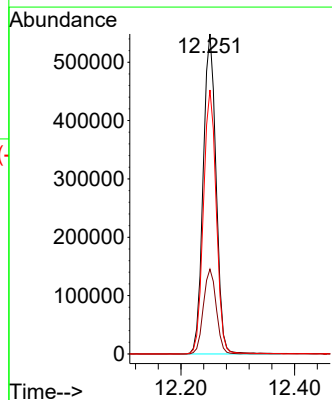
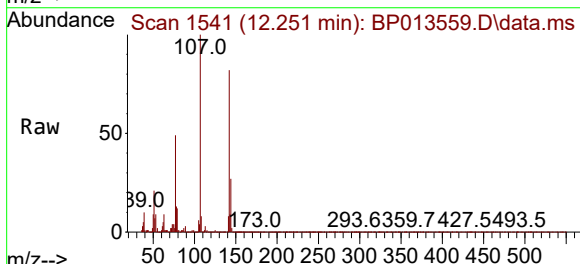
Instrument :
BNA_P
ClientSampleId :
PB150338BS

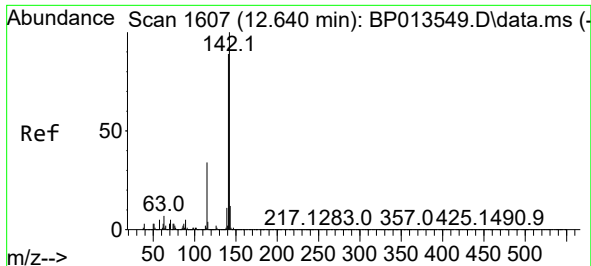
Tgt Ion:113 Resp: 247531
Ion Ratio Lower Upper
113 100
55 174.2 156.5 196.5
56 133.6 113.5 153.5



#36
4-Chloro-3-methylphenol
Concen: 46.972 ng
RT: 12.251 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:107 Resp: 863266
Ion Ratio Lower Upper
107 100
144 26.5 21.1 31.7
142 82.5 64.0 96.0

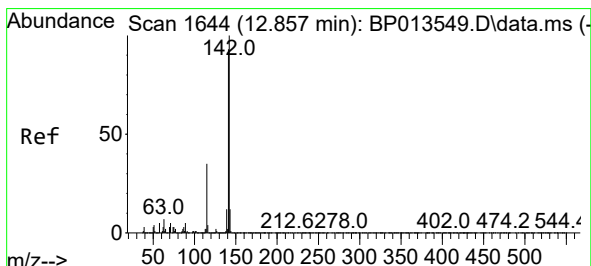
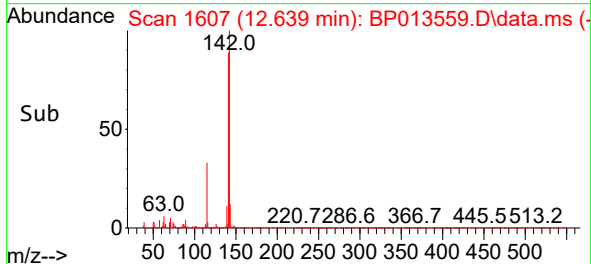
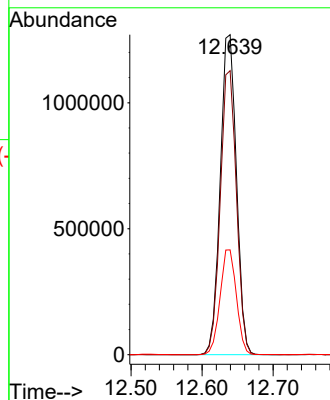
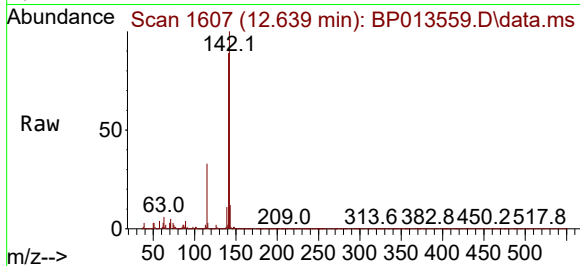




#37
2-Methylnaphthalene
Concen: 44.274 ng
RT: 12.639 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

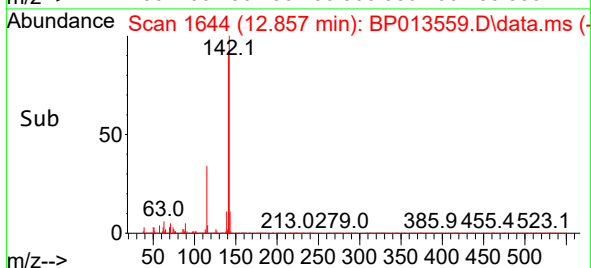
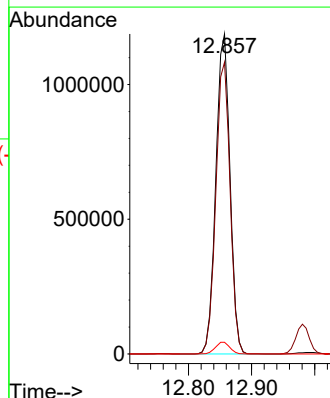
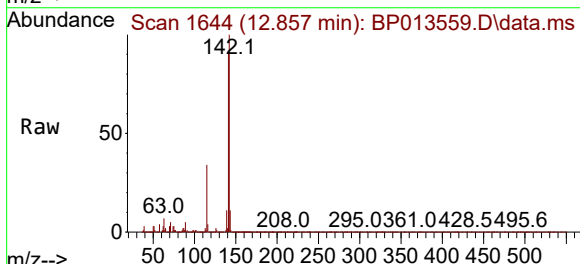
Instrument :
BNA_P
ClientSampleId :
PB150338BS

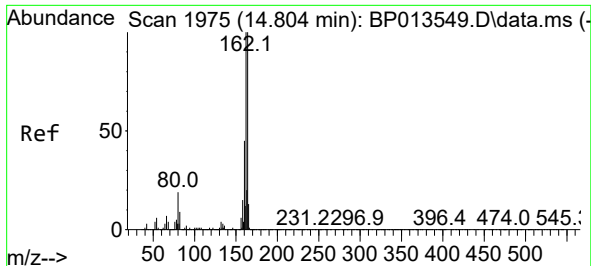
Tgt Ion:142 Resp: 2001284
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 32.8 27.4 41.2



#38
1-Methylnaphthalene
Concen: 43.412 ng
RT: 12.857 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:142 Resp: 1843880
Ion Ratio Lower Upper
142 100
141 91.2 74.3 111.5
116 3.7 3.0 4.6

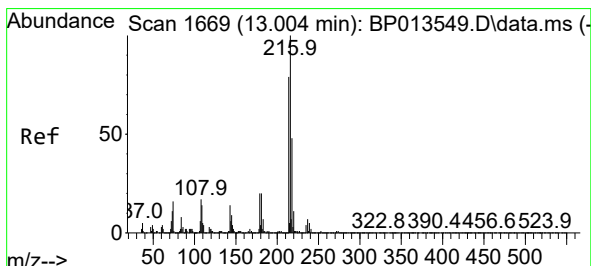
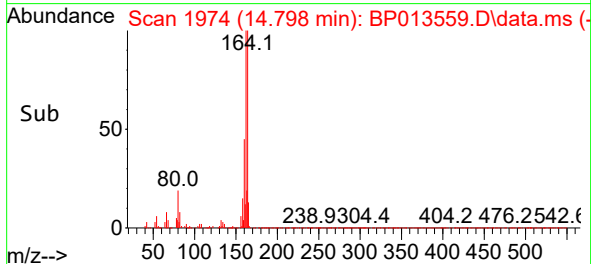
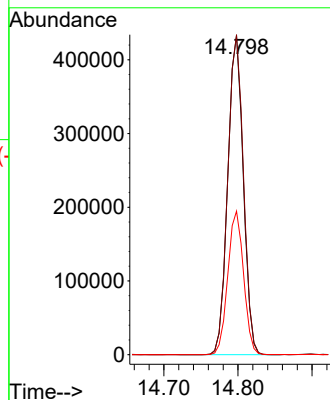
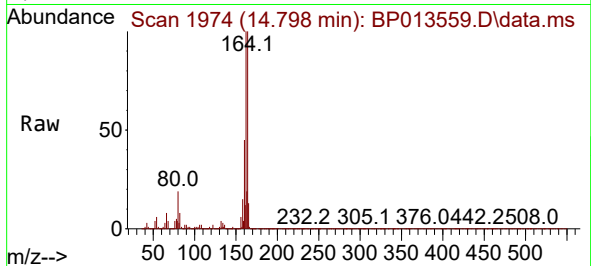




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

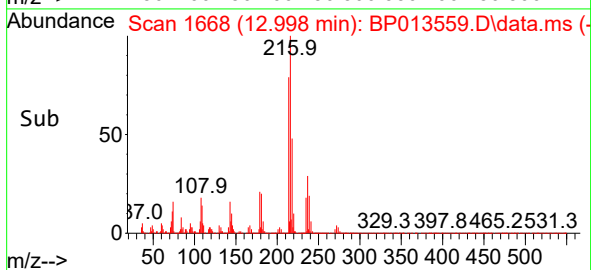
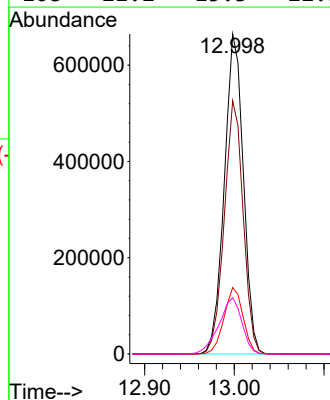
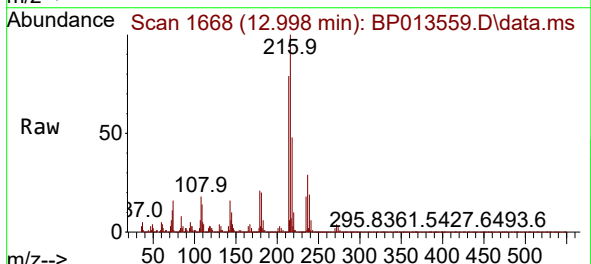
Instrument :
BNA_P
ClientSampleId :
PB150338BS

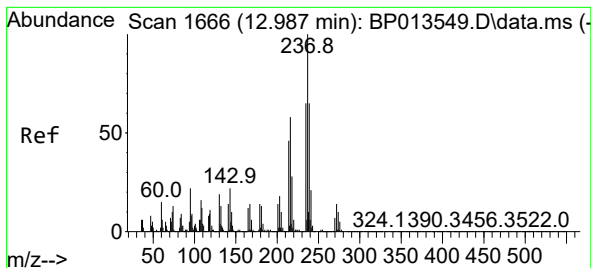
Tgt Ion:164 Resp: 628678
Ion Ratio Lower Upper
164 100
162 100.3 80.1 120.1
160 45.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.643 ng
RT: 12.998 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:216 Resp: 980202
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 20.8 16.6 24.8
108 21.2 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 122.772 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

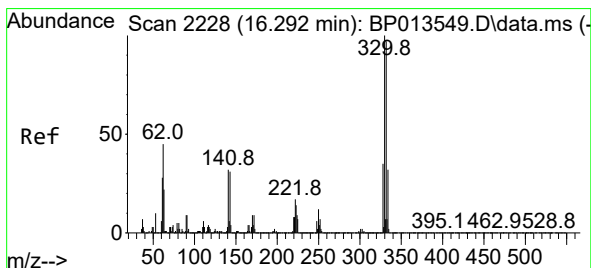
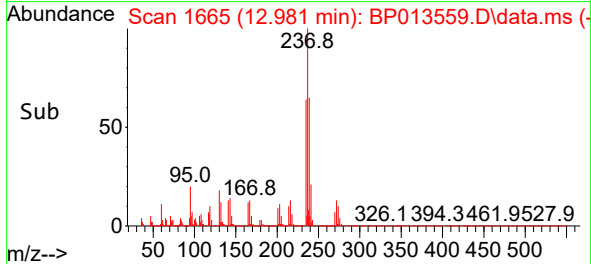
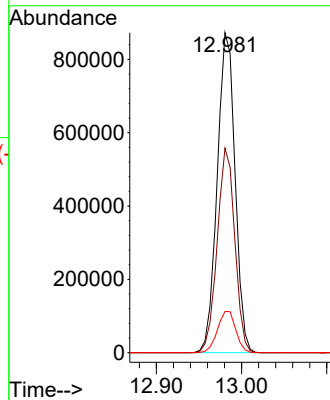
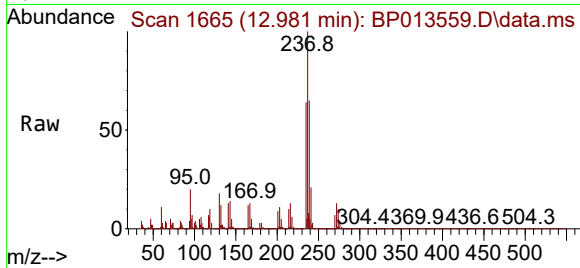
Tgt Ion:237 Resp: 1269808

Ion Ratio Lower Upper

237 100

235 63.9 44.6 84.6

272 12.9 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 164.683 ng

RT: 16.286 min Scan# 2227

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

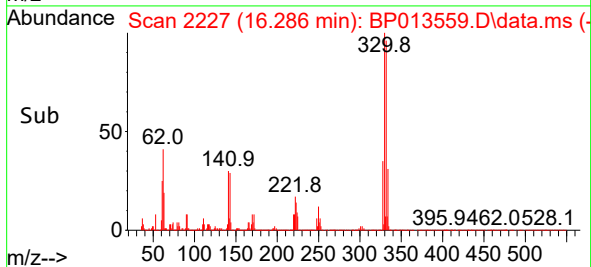
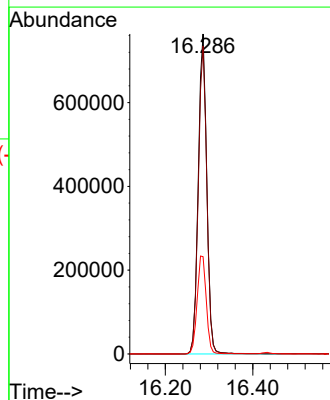
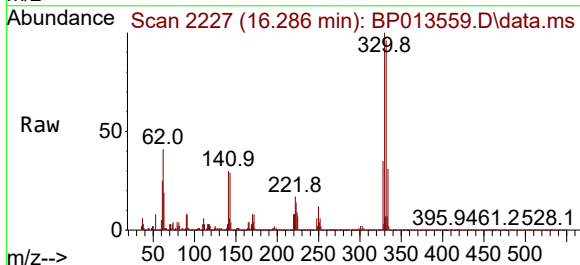
Tgt Ion:330 Resp: 1038477

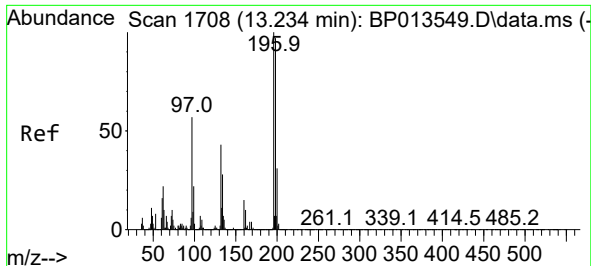
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 32.8 27.6 41.4

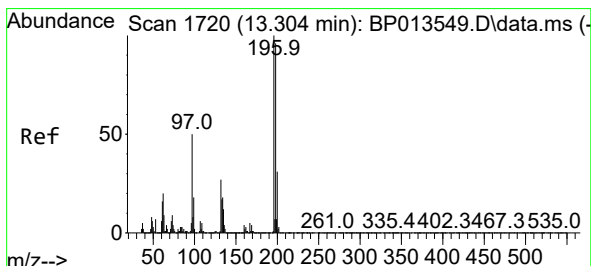
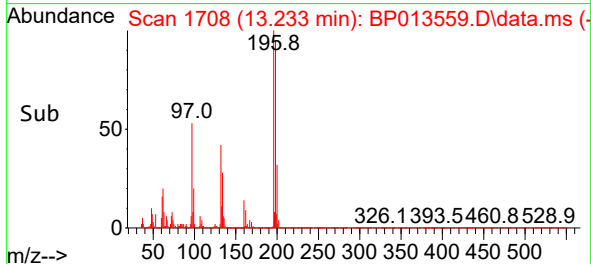
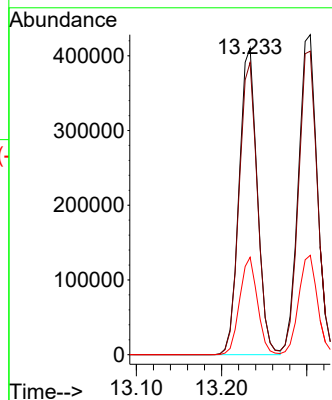
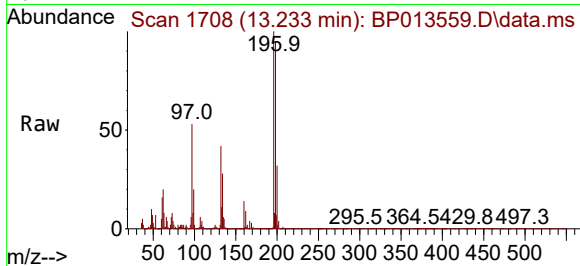




#43
2,4,6-Trichlorophenol
Concen: 53.485 ng
RT: 13.233 min Scan# 1
Delta R.T. -0.001 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

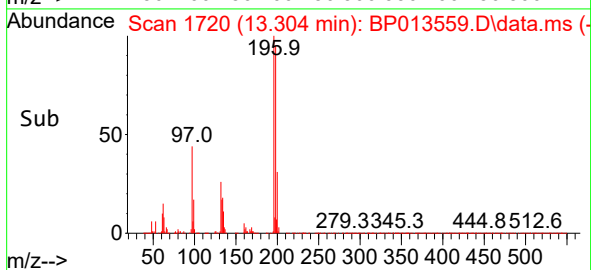
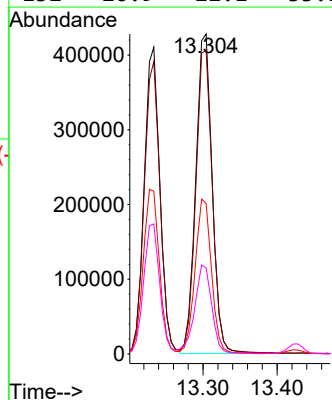
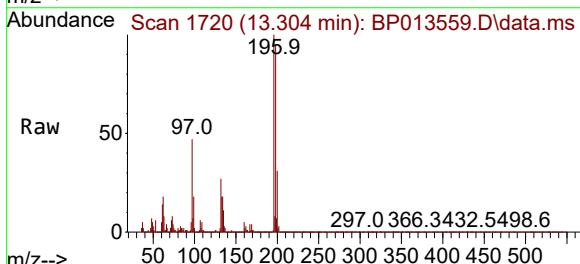
Instrument :
BNA_P
ClientSampleId :
PB150338BS

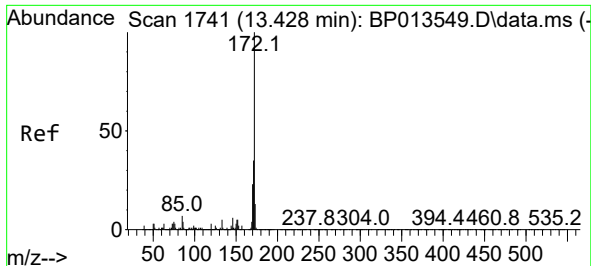
Tgt Ion:196 Resp: 605877
Ion Ratio Lower Upper
196 100
198 95.3 77.3 115.9
200 31.8 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 49.275 ng
RT: 13.304 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:196 Resp: 659587
Ion Ratio Lower Upper
196 100
198 94.9 76.7 115.1
97 47.0 40.0 60.0
132 26.9 22.1 33.1

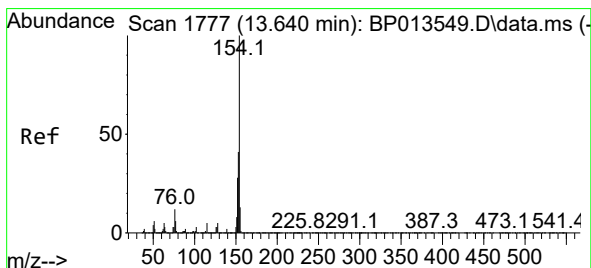
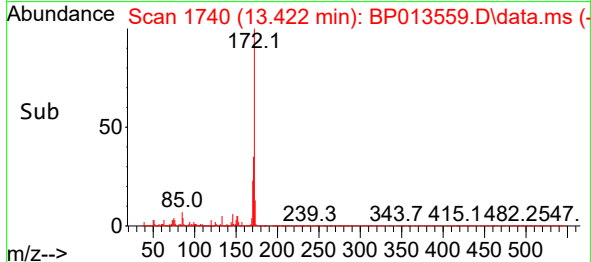
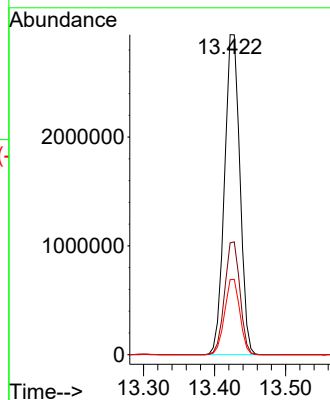
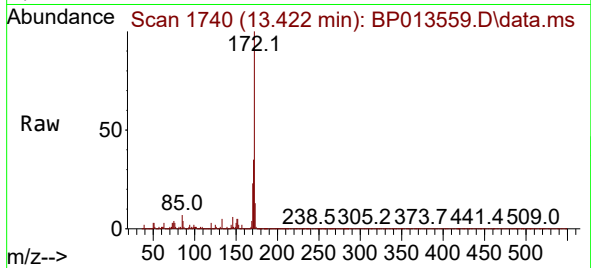




#45
2-Fluorobiphenyl
Concen: 96.308 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

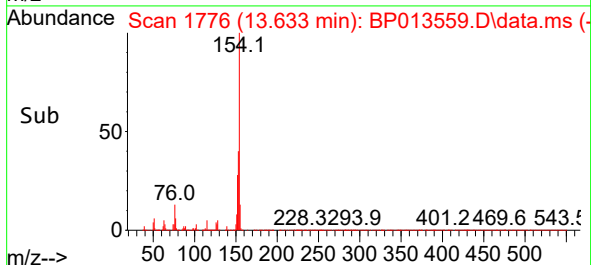
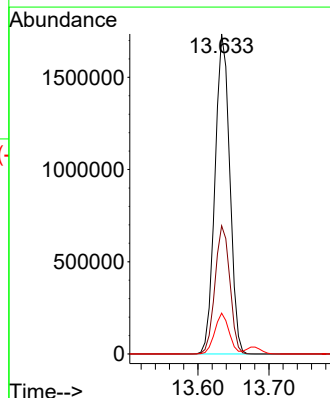
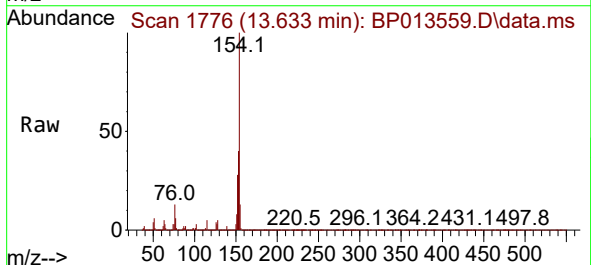
Instrument :
BNA_P
ClientSampleId :
PB150338BS

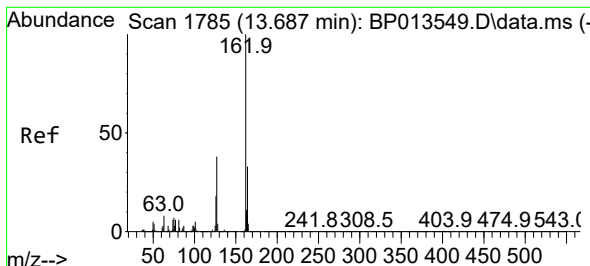
Tgt Ion:172 Resp: 4410931
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 49.495 ng
RT: 13.633 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:154 Resp: 2498967
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 12.7 0.0 32.1





#47

2-Chloronaphthalene

Concen: 50.174 ng

RT: 13.681 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

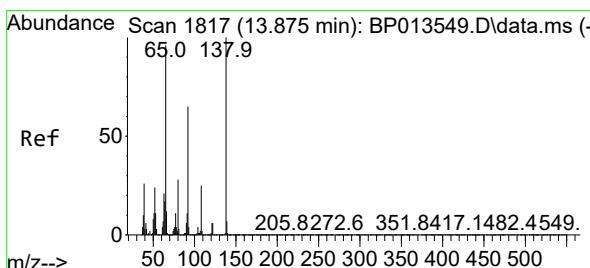
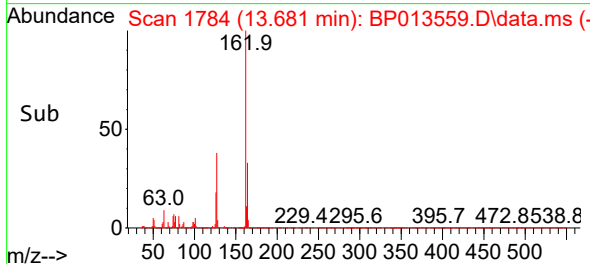
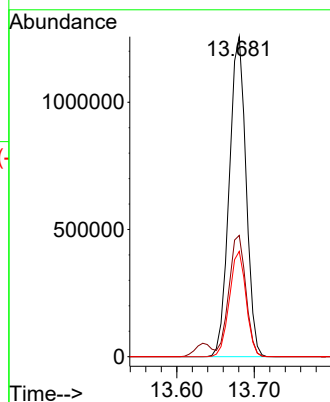
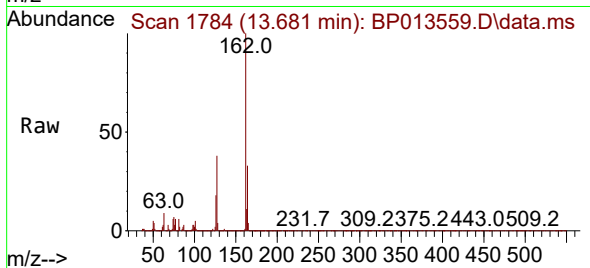
Tgt Ion:162 Resp: 1897852

Ion Ratio Lower Upper

162 100

127 37.9 30.8 46.2

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 47.883 ng

RT: 13.875 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

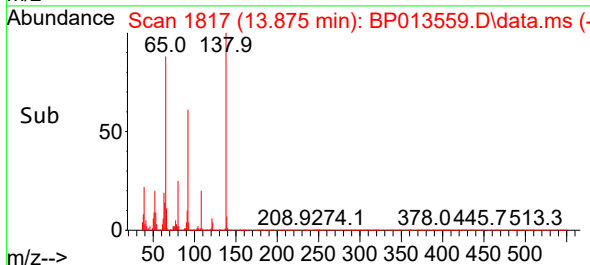
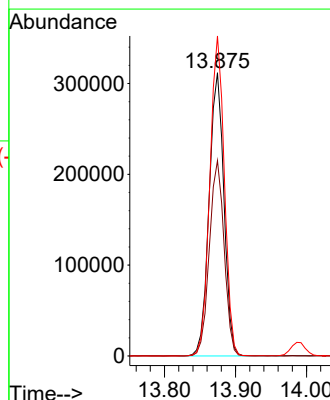
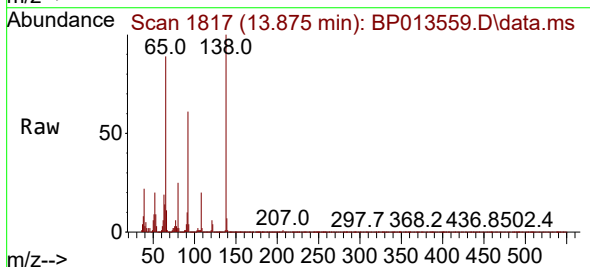
Tgt Ion: 65 Resp: 452763

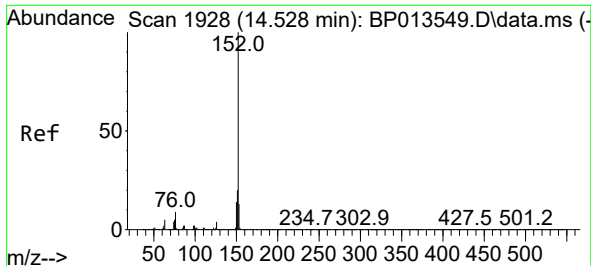
Ion Ratio Lower Upper

65 100

92 69.0 54.1 81.1

138 113.0 83.6 125.4

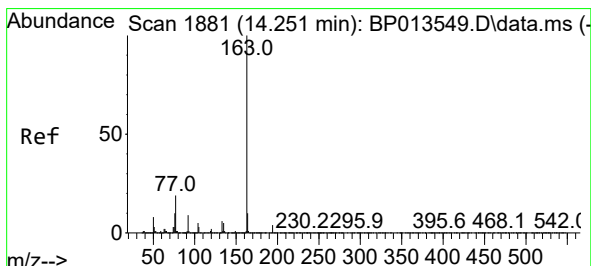
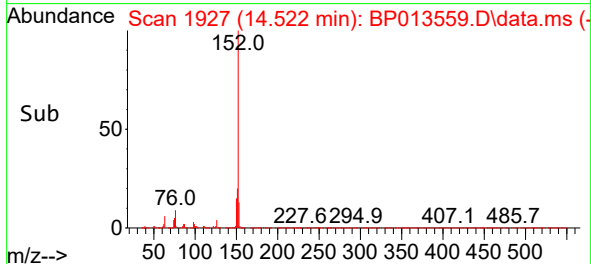
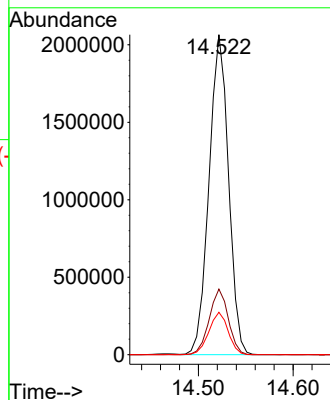
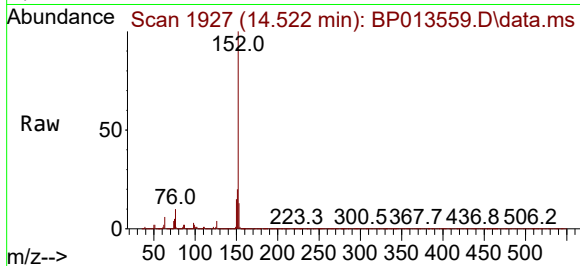




#49
Acenaphthylene
Concen: 47.689 ng
RT: 14.522 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

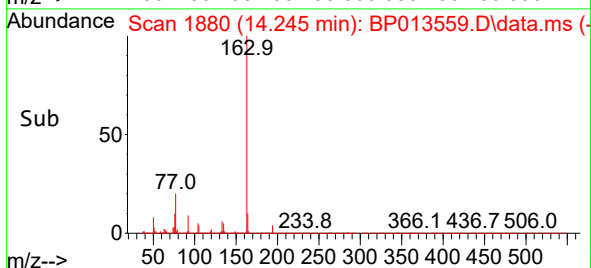
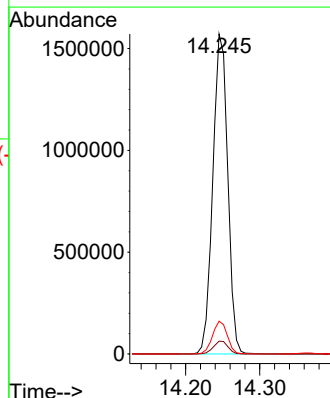
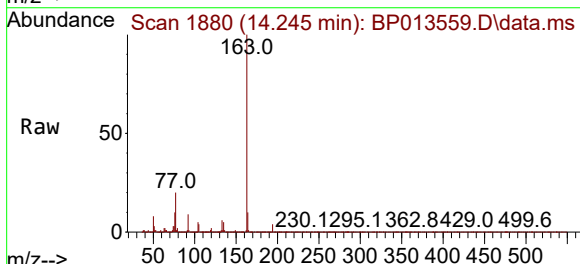
Instrument :
BNA_P
ClientSampleId :
PB150338BS

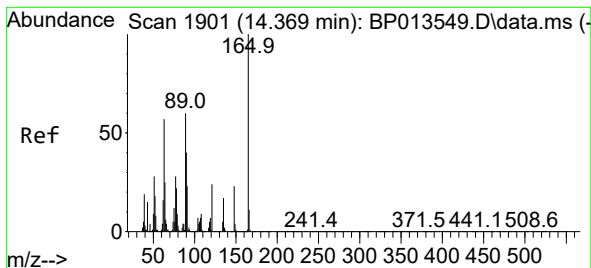
Tgt Ion:152 Resp: 2950004
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.2 10.1 15.1



#50
Dimethylphthalate
Concen: 46.922 ng
RT: 14.245 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:163 Resp: 2192779
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.1 12.1

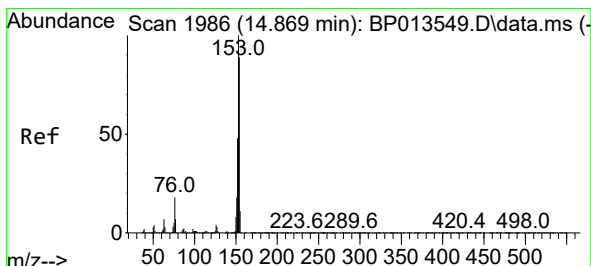
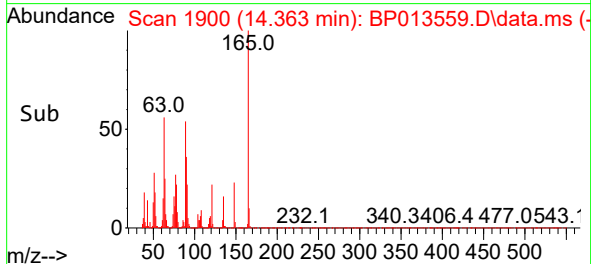
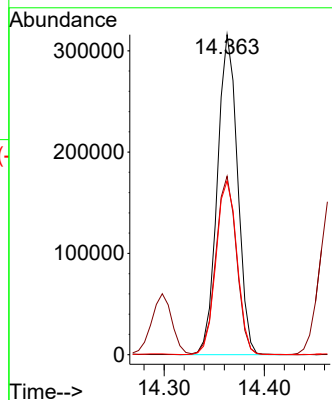
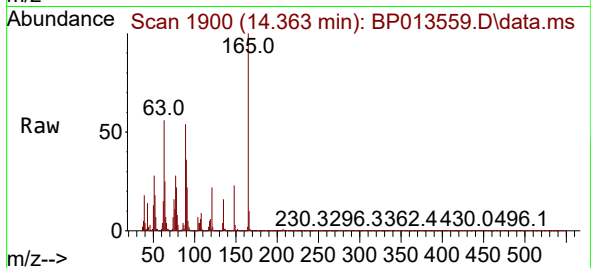




#51
2,6-Dinitrotoluene
Concen: 48.295 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

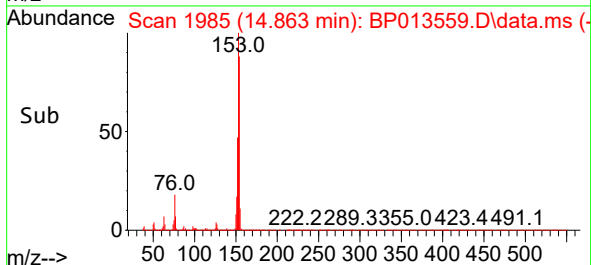
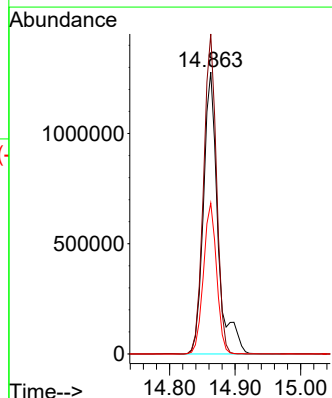
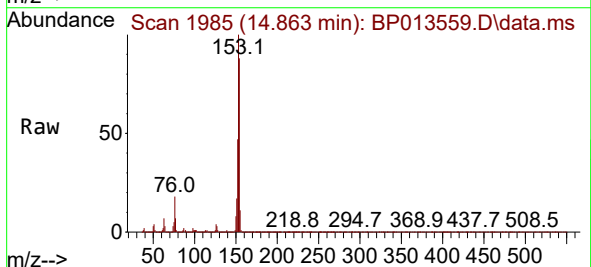
Instrument :
BNA_P
ClientSampleId :
PB150338BS

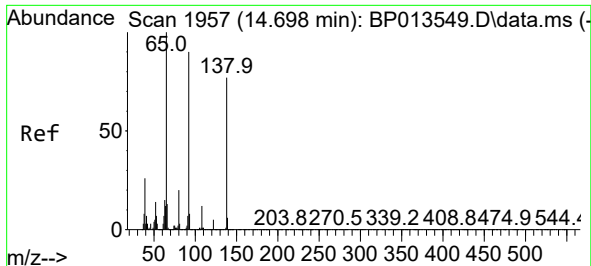
Tgt Ion:165 Resp: 441316
Ion Ratio Lower Upper
165 100
63 55.7 47.2 70.8
89 54.3 47.8 71.6



#52
Acenaphthene
Concen: 51.315 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:154 Resp: 1960806
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.0
152 53.5 42.7 64.1

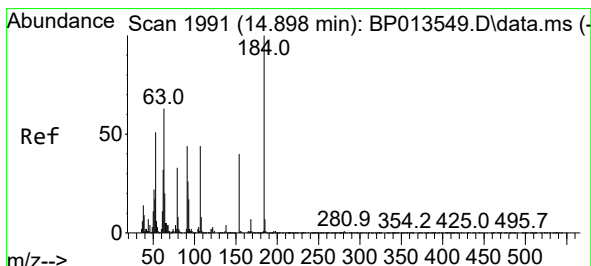
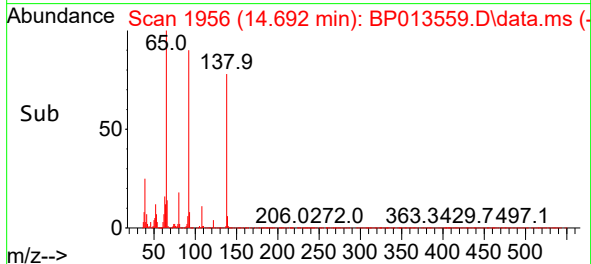
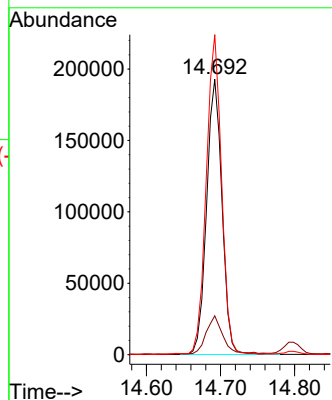
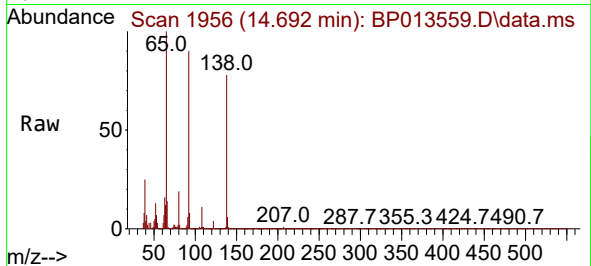




#53
3-Nitroaniline
Concen: 29.080 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

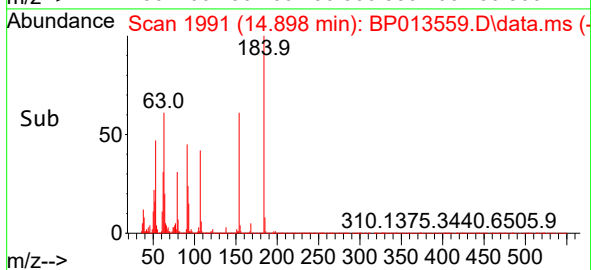
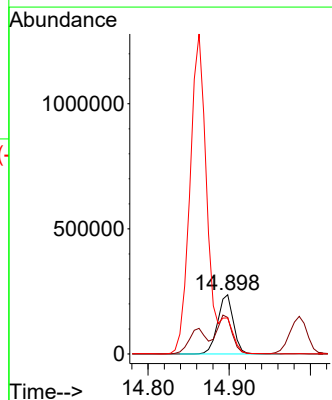
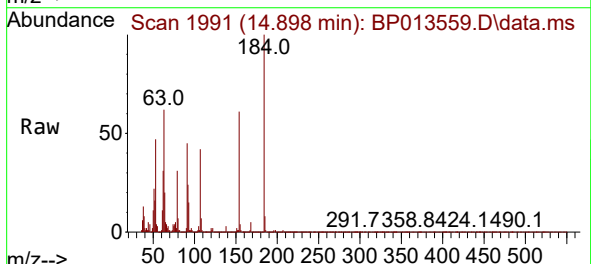
Instrument :
BNA_P
ClientSampleId :
PB150338BS

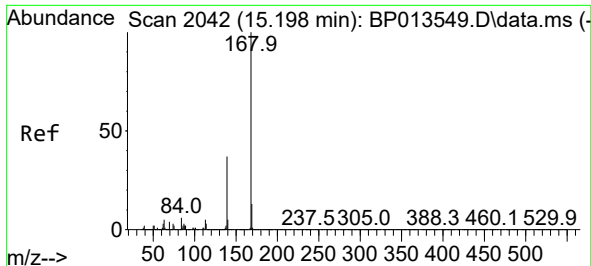
Tgt Ion:138 Resp: 278701
Ion Ratio Lower Upper
138 100
108 14.1 12.8 19.2
92 116.2 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 87.656 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:184 Resp: 317832
Ion Ratio Lower Upper
184 100
63 61.6 53.2 79.8
154 60.8 54.4 81.6

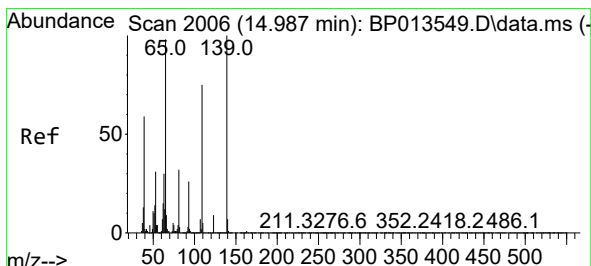
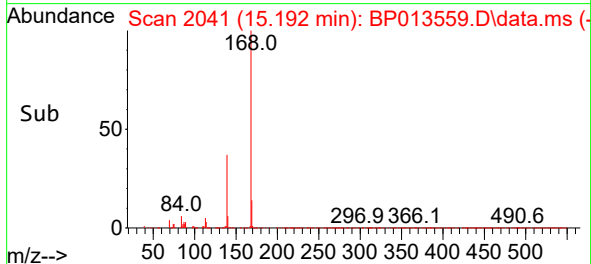
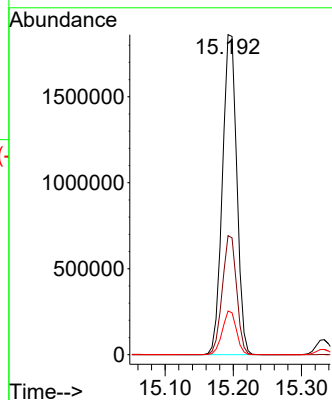
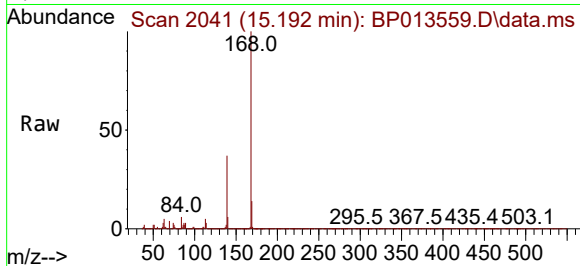




#55
Dibenzofuran
Concen: 46.660 ng
RT: 15.192 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

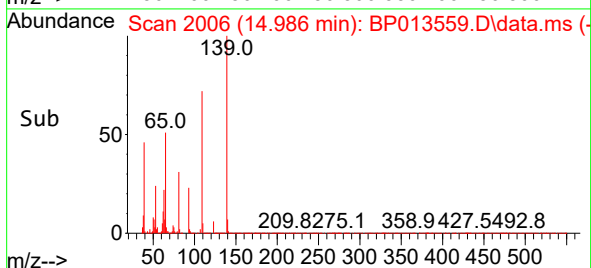
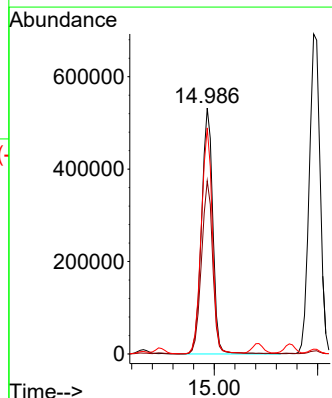
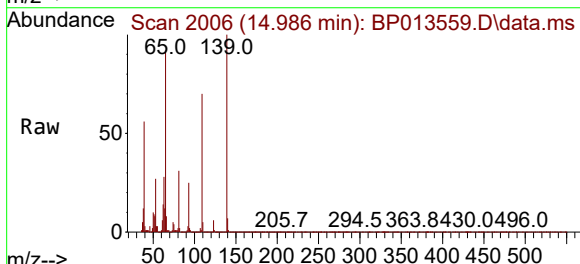
Instrument :
BNA_P
ClientSampleId :
PB150338BS

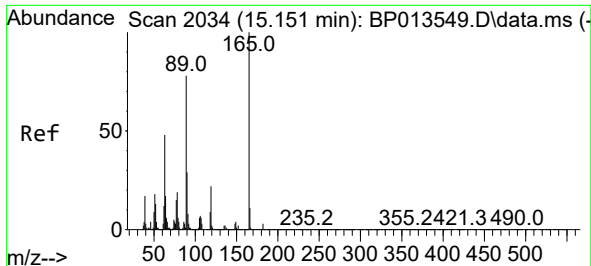
Tgt Ion:168 Resp: 2733971
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 99.646 ng
RT: 14.986 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:139 Resp: 799567
Ion Ratio Lower Upper
139 100
109 70.4 55.0 95.0
65 92.0 77.7 117.7





#57

2,4-Dinitrotoluene

Concen: 52.421 ng

RT: 15.145 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:165 Resp: 573646

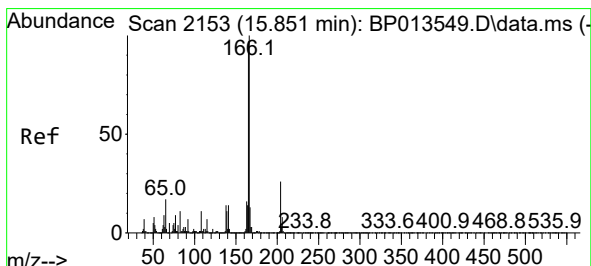
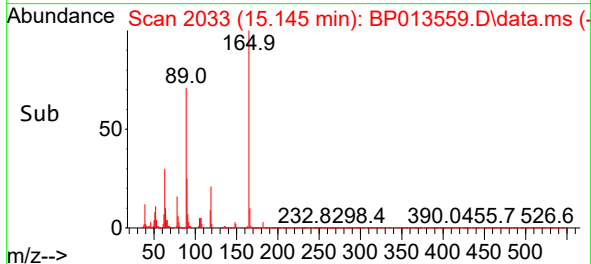
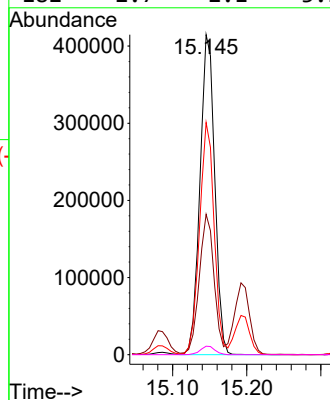
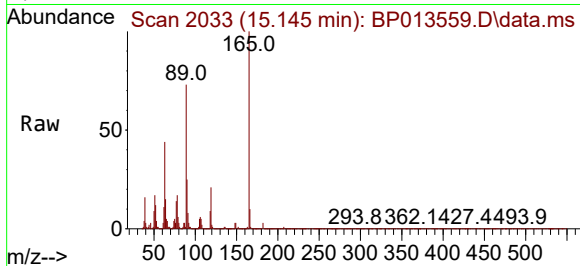
Ion Ratio Lower Upper

165 100

63 43.8 38.3 57.5

89 72.6 62.1 93.1

182 2.7 2.1 3.1



#58

Fluorene

Concen: 46.577 ng

RT: 15.845 min Scan# 2152

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

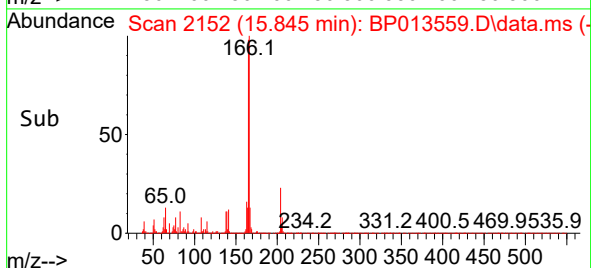
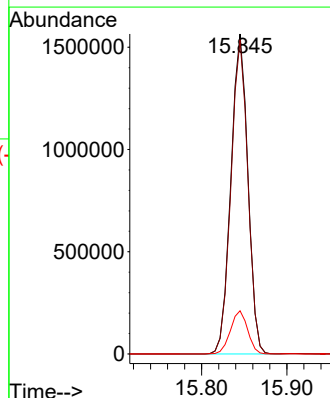
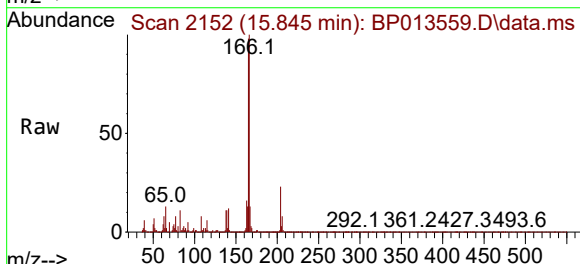
Tgt Ion:166 Resp: 2169142

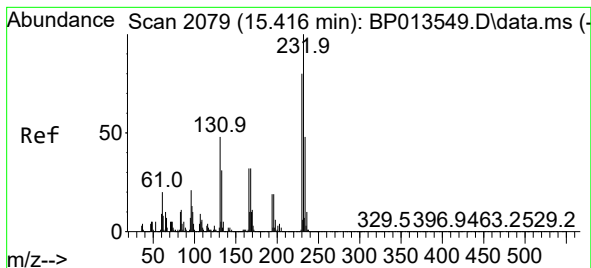
Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.490 ng

RT: 15.416 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion:232 Resp: 529231

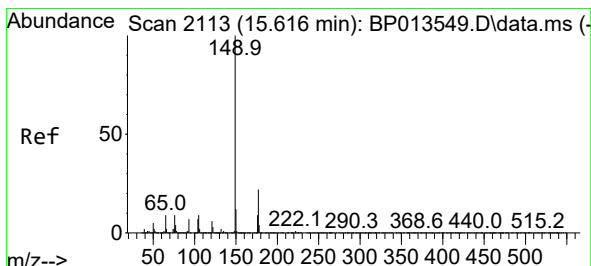
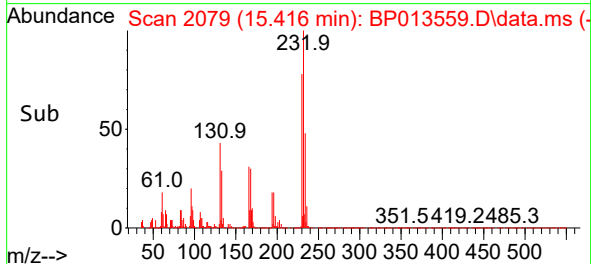
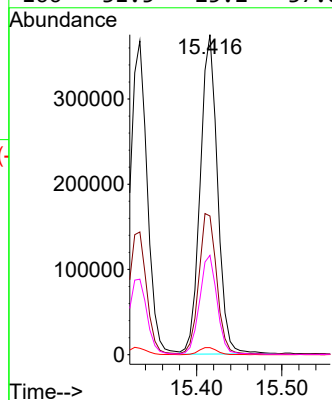
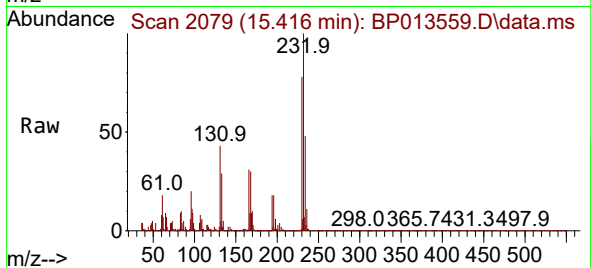
Ion Ratio Lower Upper

232 100

131 45.4 37.1 55.7

130 2.3 1.9 2.9

166 31.5 25.2 37.8



#60

Diethylphthalate

Concen: 46.165 ng

RT: 15.610 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

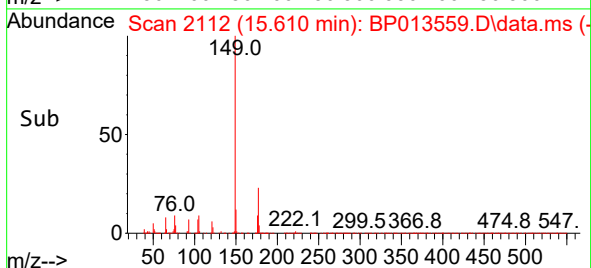
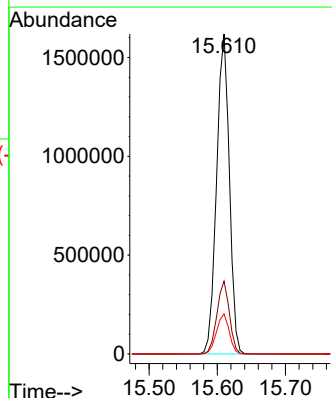
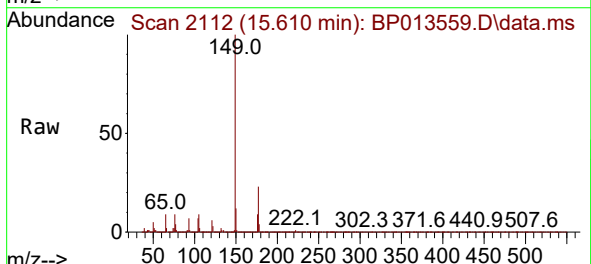
Tgt Ion:149 Resp: 2107153

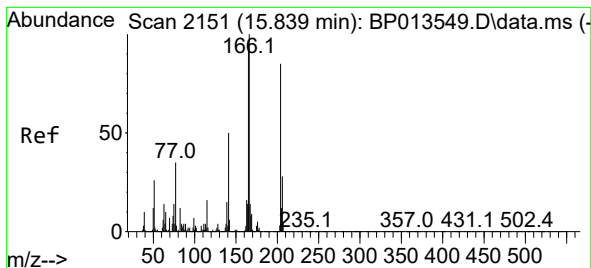
Ion Ratio Lower Upper

149 100

177 22.8 17.8 26.6

150 12.5 9.8 14.6

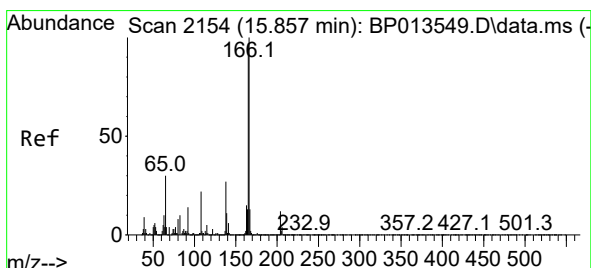
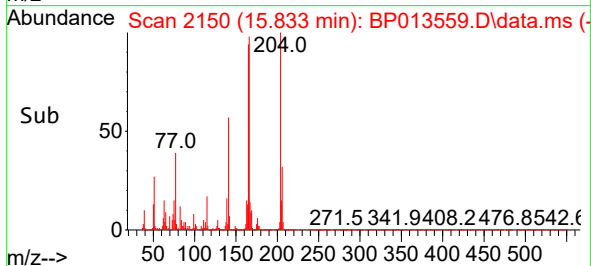
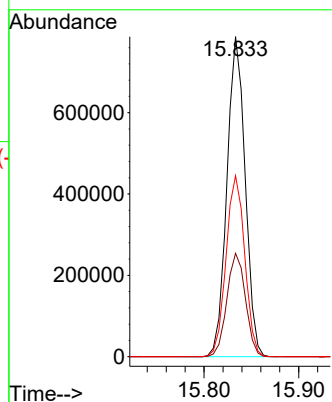
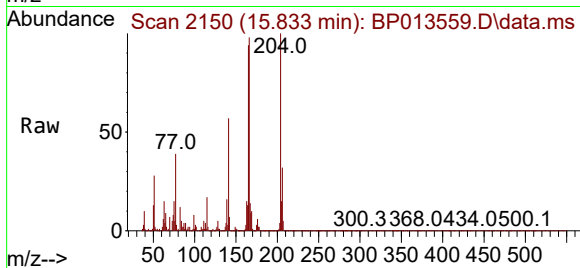




#61
4-Chlorophenyl-phenylether
Concen: 45.997 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

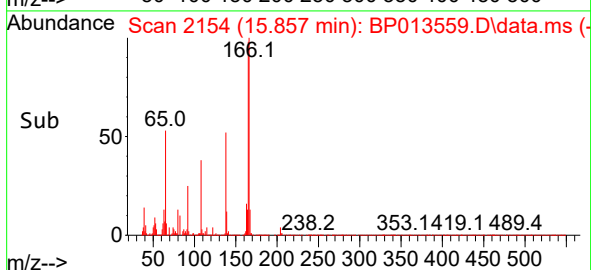
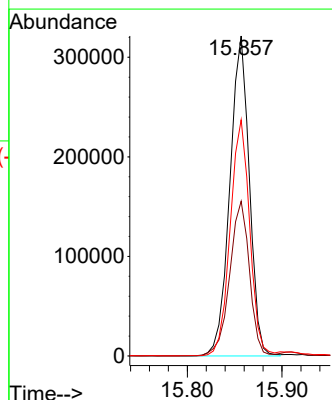
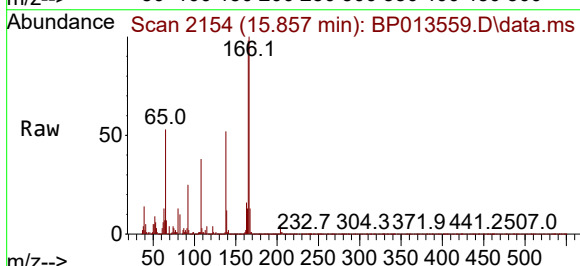
Instrument :
BNA_P
ClientSampleId :
PB150338BS

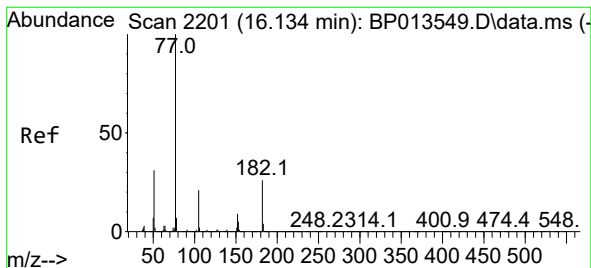
Tgt Ion:204 Resp: 1053322
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 56.6 47.0 70.4



#62
4-Nitroaniline
Concen: 46.046 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:138 Resp: 458262
Ion Ratio Lower Upper
138 100
92 48.4 32.3 72.3
108 73.8 59.2 99.2





#63

Azobenzene

Concen: 45.670 ng

RT: 16.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

Tgt Ion: 77 Resp: 2025582

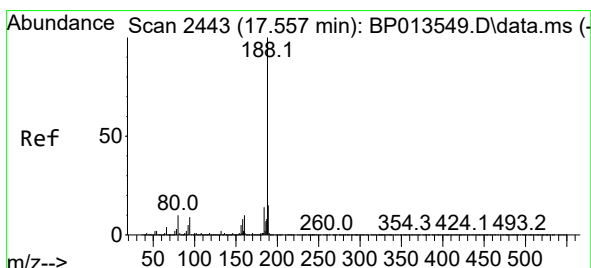
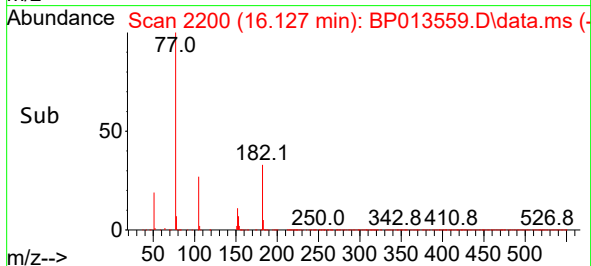
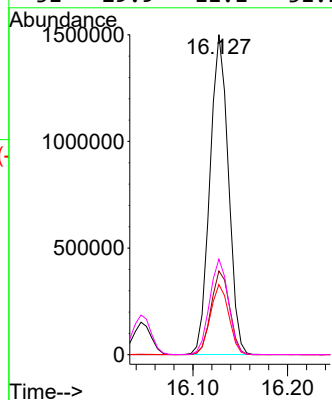
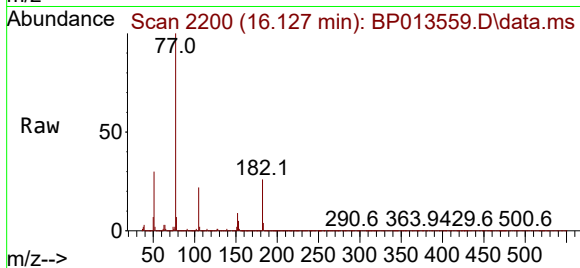
Ion Ratio Lower Upper

77 100

182 26.2 5.5 45.5

105 21.9 1.4 41.4

51 29.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.551 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

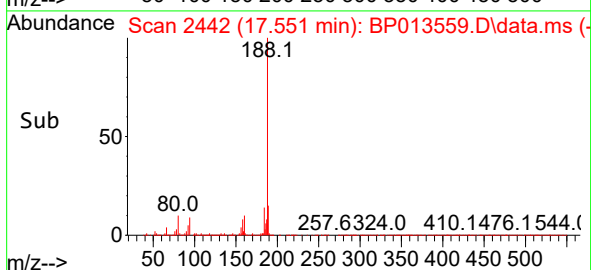
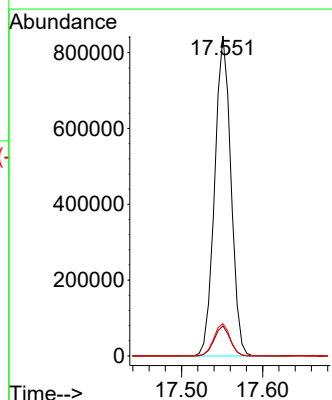
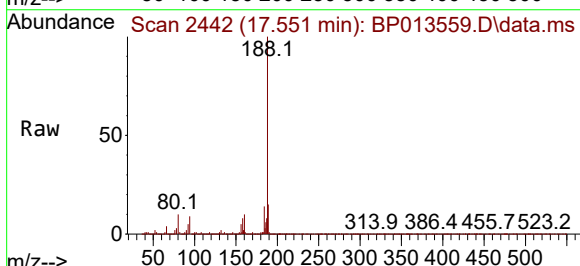
Tgt Ion:188 Resp: 1173361

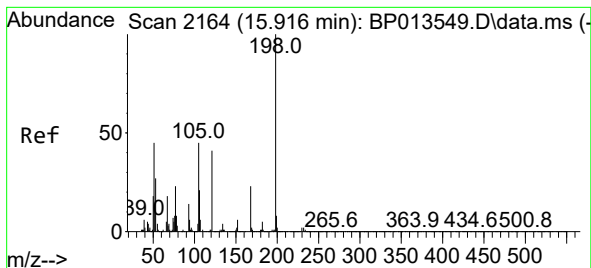
Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 10.1 8.2 12.2

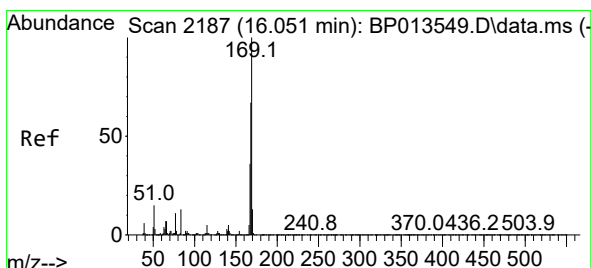
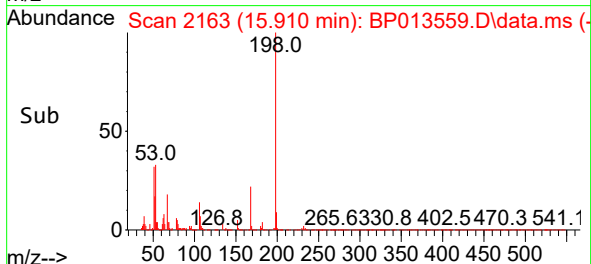
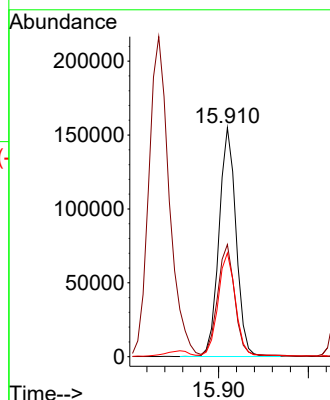
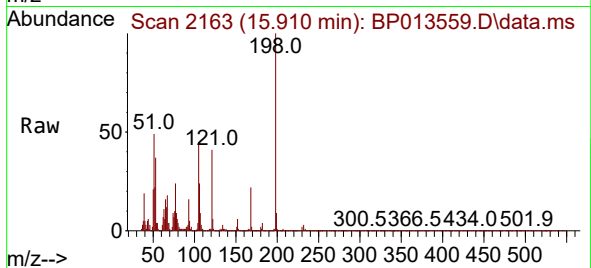




#65
4,6-Dinitro-2-methylphenol
Concen: 52.598 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

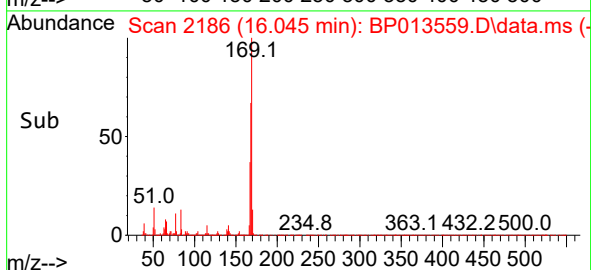
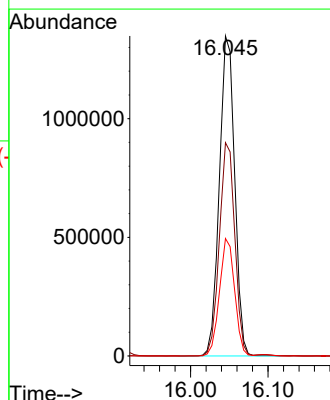
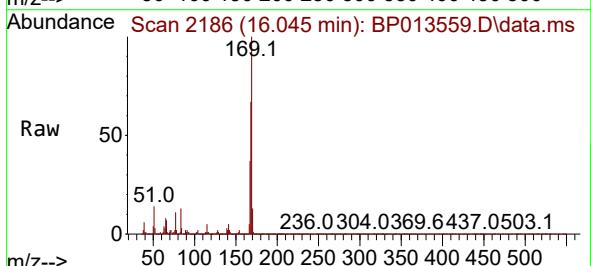
Instrument :
BNA_P
ClientSampleId :
PB150338BS

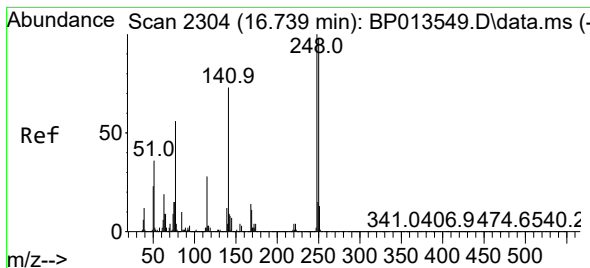
Tgt Ion:198 Resp: 203697
Ion Ratio Lower Upper
198 100
51 49.0 30.4 70.4
105 45.3 26.4 66.4



#66
n-Nitrosodiphenylamine
Concen: 48.379 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:169 Resp: 1851194
Ion Ratio Lower Upper
169 100
168 66.7 54.0 81.0
167 36.7 29.0 43.6

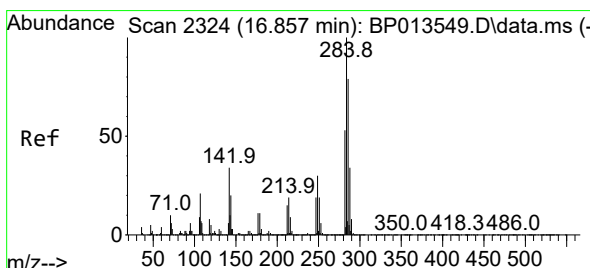
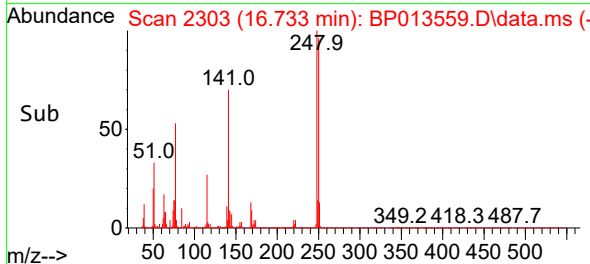
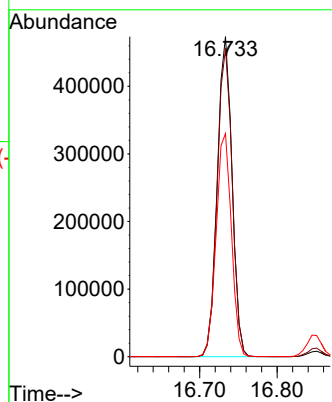
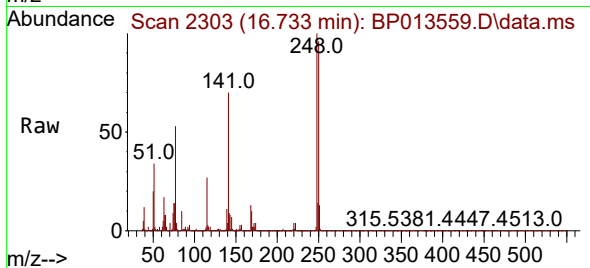




#67
4-Bromophenyl-phenylether
Concen: 48.449 ng
RT: 16.733 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

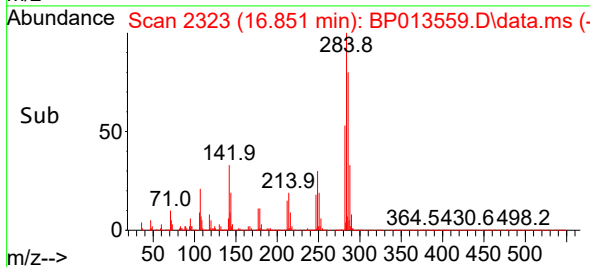
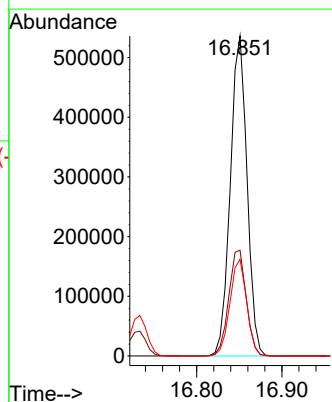
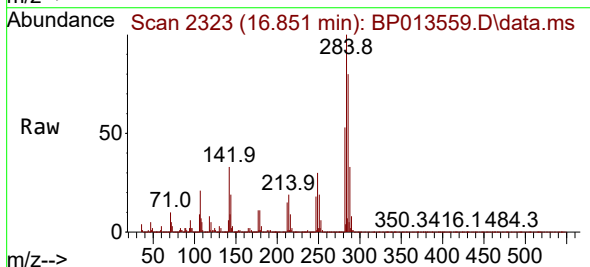
Instrument :
BNA_P
ClientSampleId :
PB150338BS

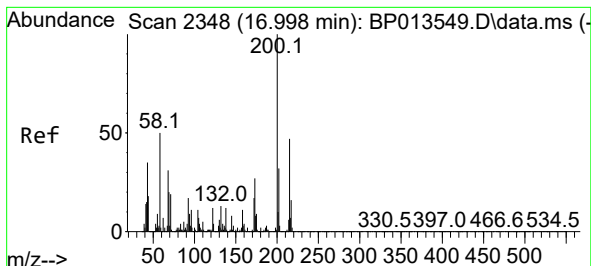
Tgt Ion:248 Resp: 629714
Ion Ratio Lower Upper
248 100
250 96.3 78.1 117.1
141 69.8 58.1 87.1



#68
Hexachlorobenzene
Concen: 52.096 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:284 Resp: 731393
Ion Ratio Lower Upper
284 100
142 33.1 27.3 40.9
249 30.1 24.0 36.0





#69

Atrazine

Concen: 53.535 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

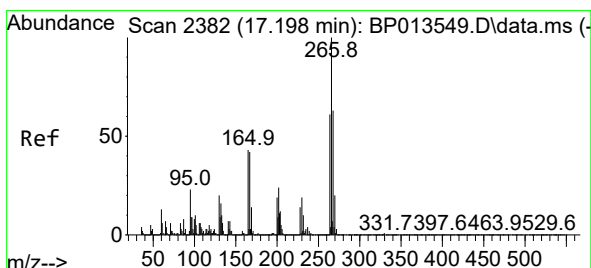
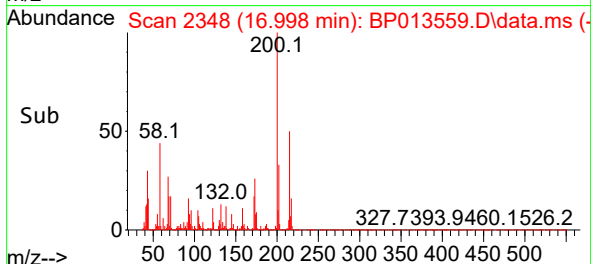
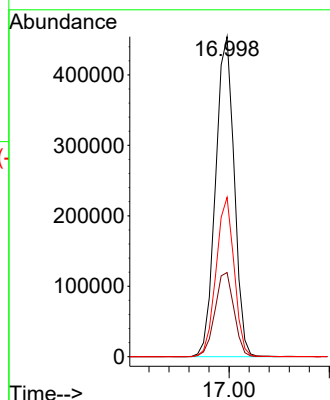
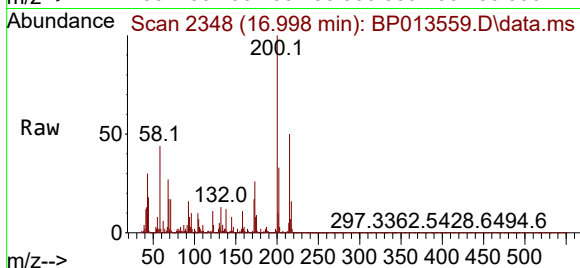
Tgt Ion:200 Resp: 586113

Ion Ratio Lower Upper

200 100

173 26.3 7.2 47.2

215 49.8 27.3 67.3



#70

Pentachlorophenol

Concen: 85.816 ng

RT: 17.192 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

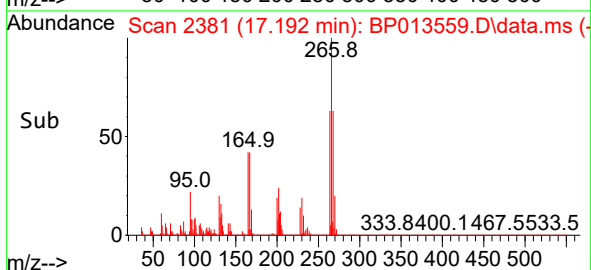
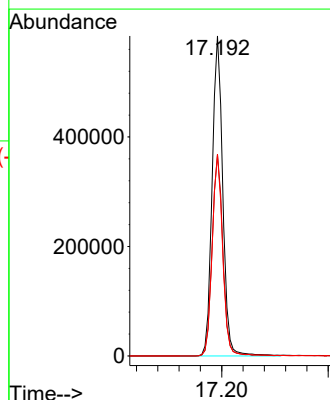
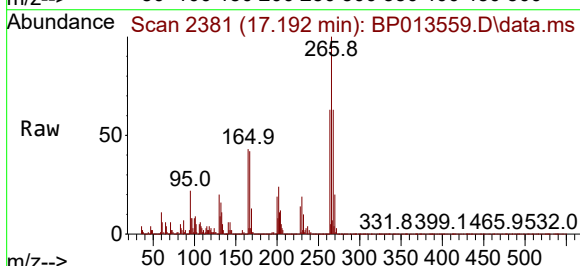
Tgt Ion:266 Resp: 807994

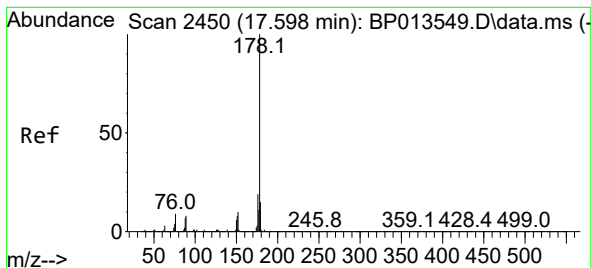
Ion Ratio Lower Upper

266 100

268 63.0 50.7 76.1

264 62.9 48.9 73.3





#71

Phenanthrene

Concen: 48.653 ng

RT: 17.592 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

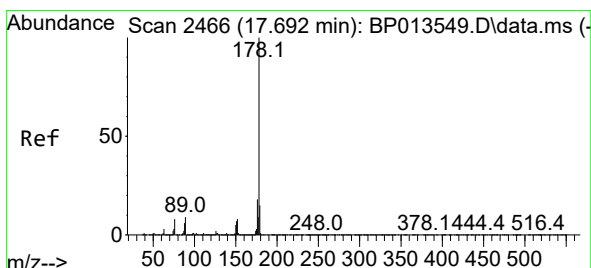
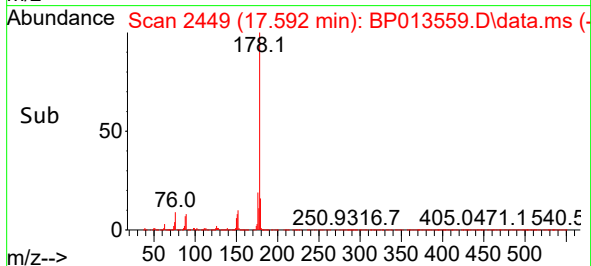
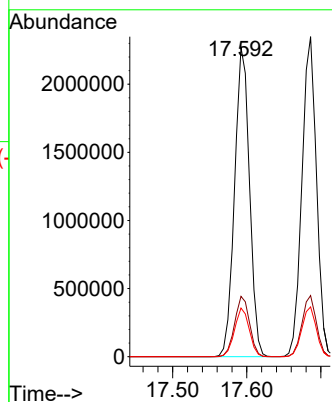
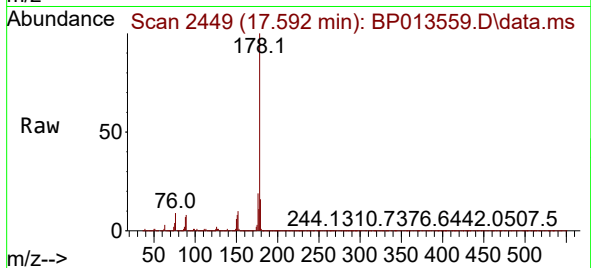
Tgt Ion:178 Resp: 3176233

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.8 12.2 18.4



#72

Anthracene

Concen: 48.479 ng

RT: 17.686 min Scan# 2465

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

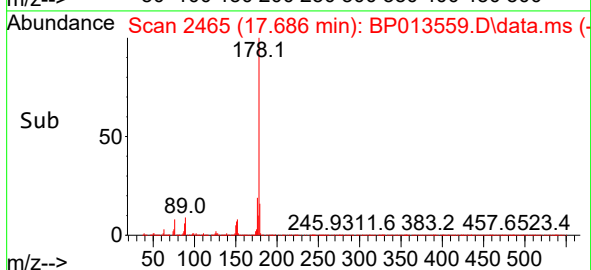
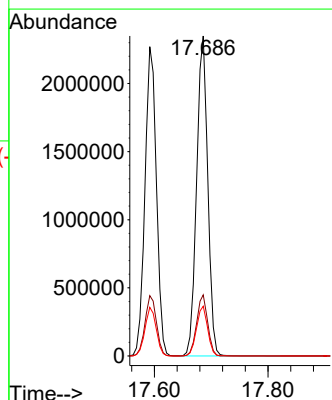
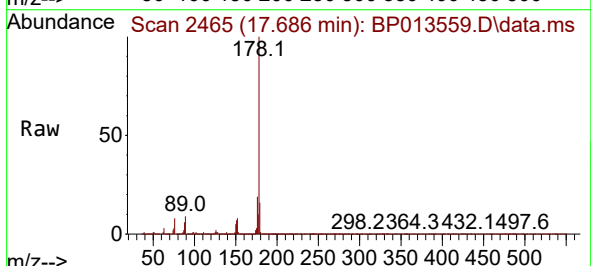
Tgt Ion:178 Resp: 3212196

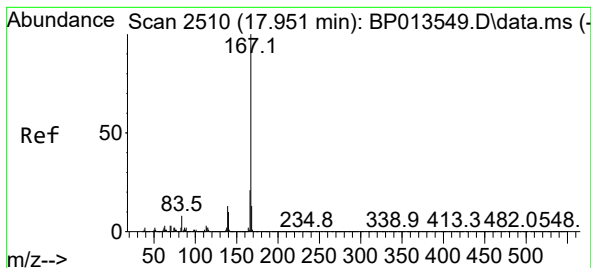
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.5 12.3 18.5





#73

Carbazole

Concen: 48.317 ng

RT: 17.945 min Scan# 2510

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

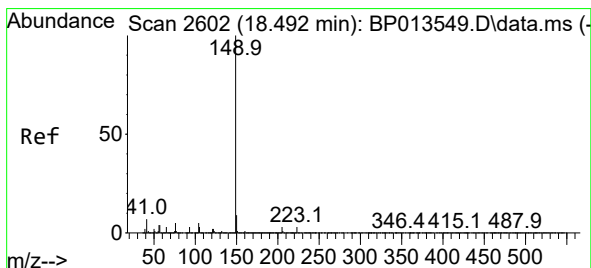
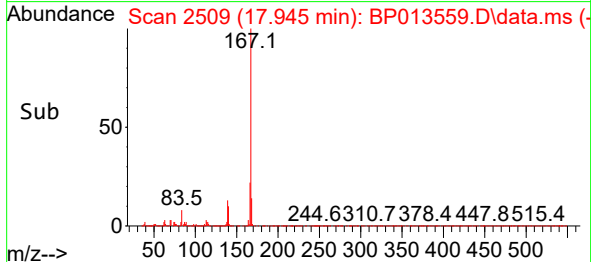
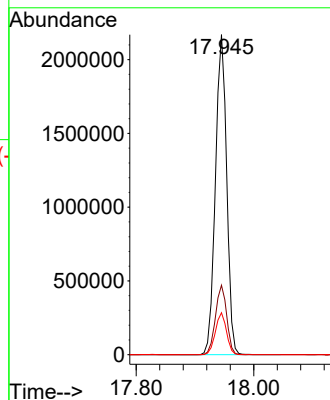
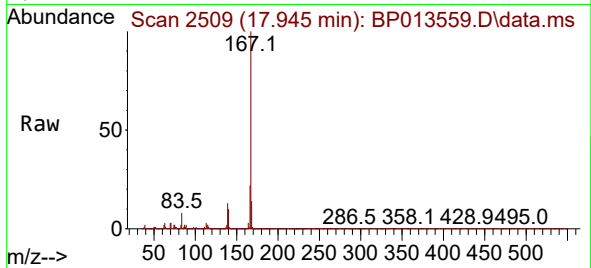
Tgt Ion:167 Resp: 2877111

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.865 ng

RT: 18.486 min Scan# 2601

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

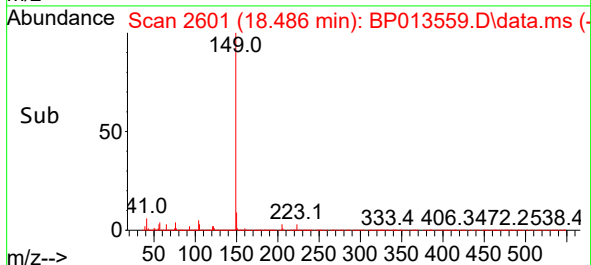
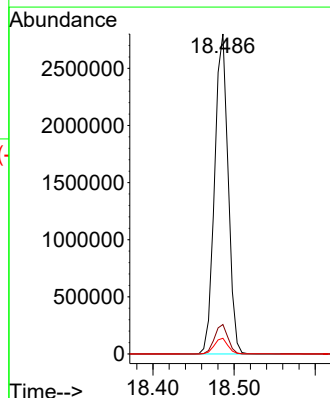
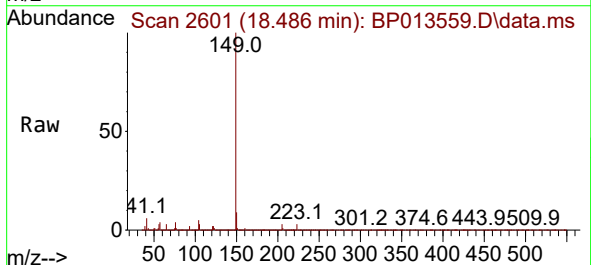
Tgt Ion:149 Resp: 3238410

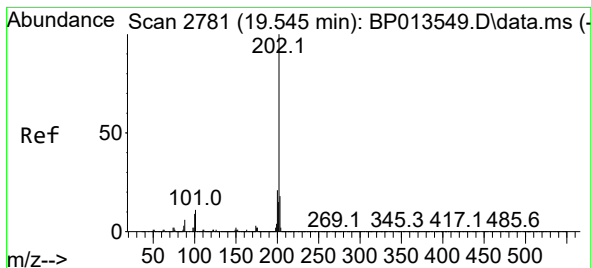
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 47.473 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

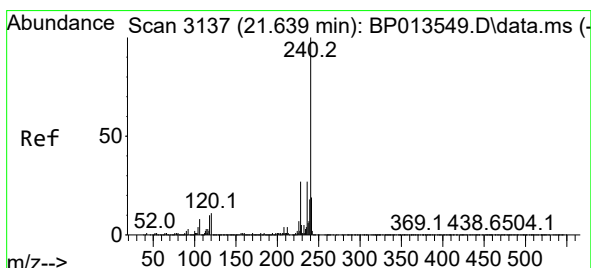
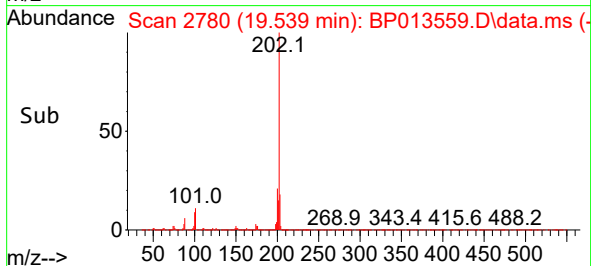
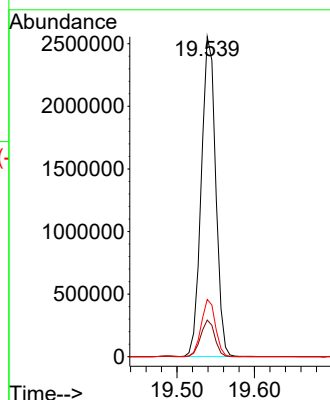
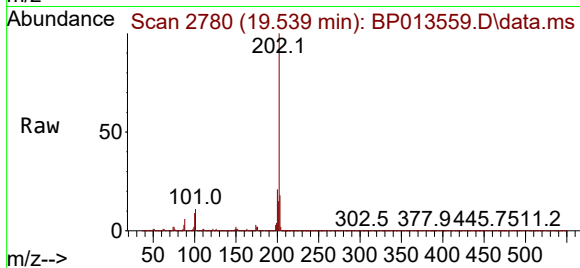
Tgt Ion:202 Resp: 3295837

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

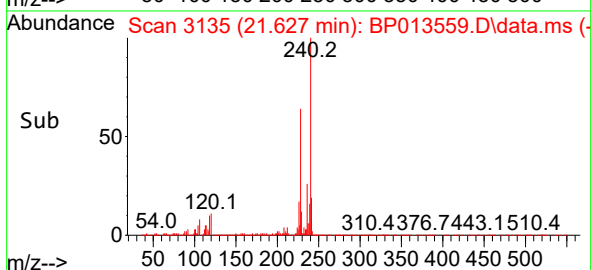
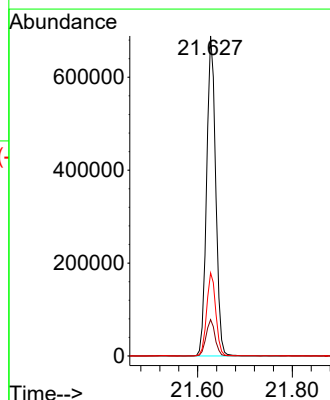
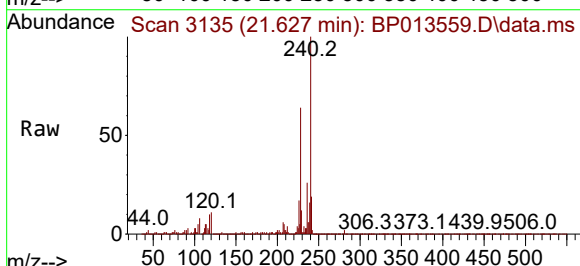
Tgt Ion:240 Resp: 917080

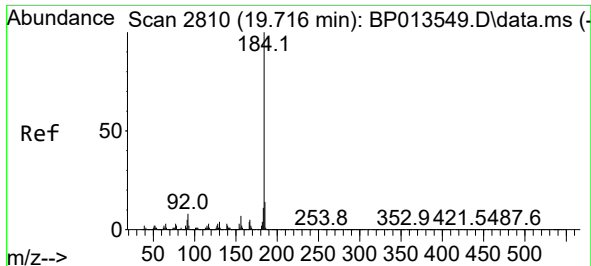
Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.9 21.3 31.9

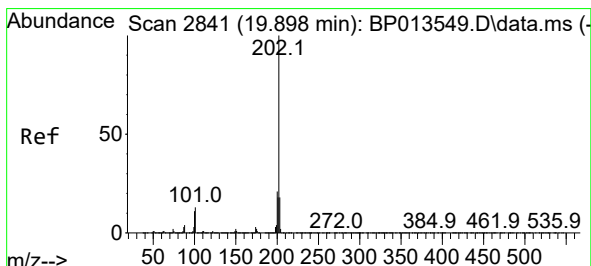
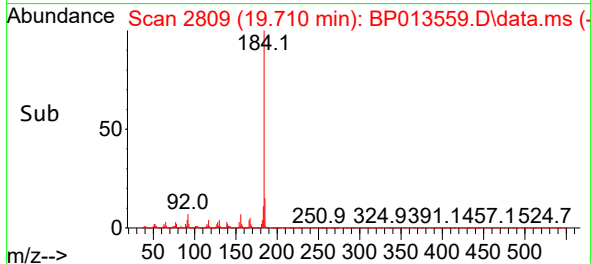
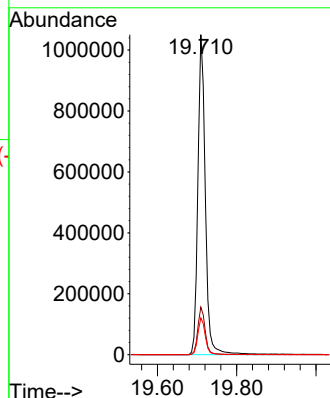
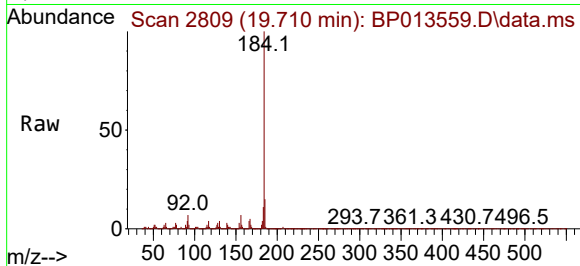




#77
Benzidine
Concen: 59.339 ng
RT: 19.710 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

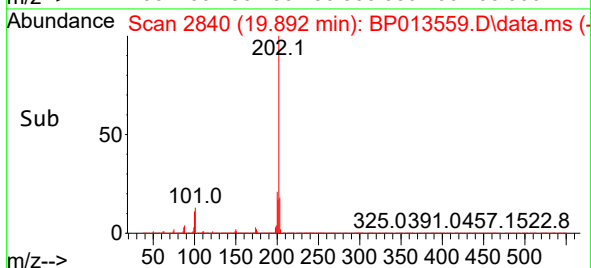
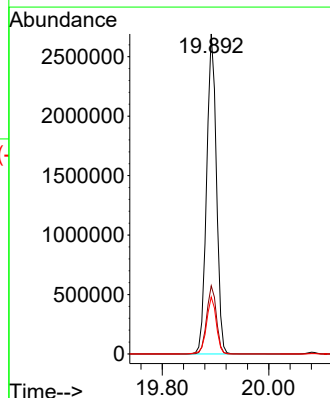
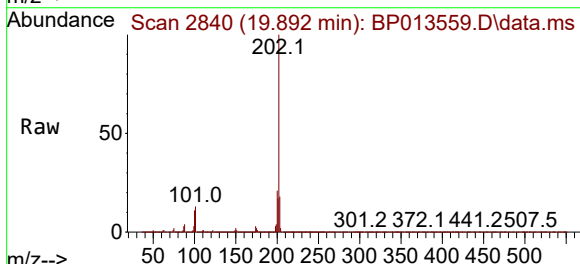
Instrument :
BNA_P
ClientSampleId :
PB150338BS

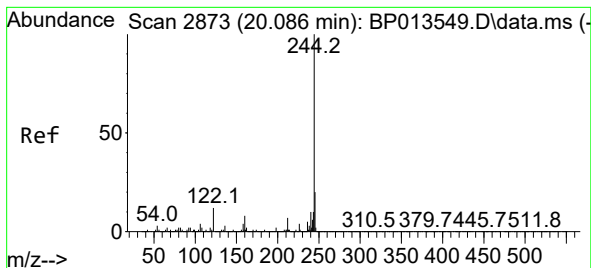
Tgt Ion:184 Resp: 1368654
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 11.5 9.0 13.6



#78
Pyrene
Concen: 48.781 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:202 Resp: 3420671
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 102.932 ng

RT: 20.080 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

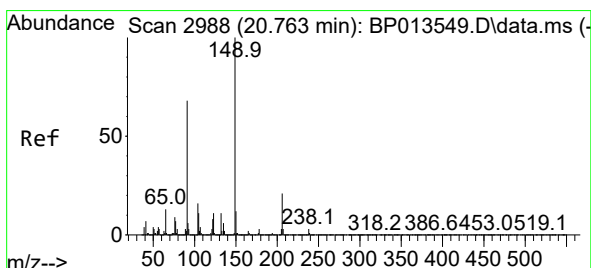
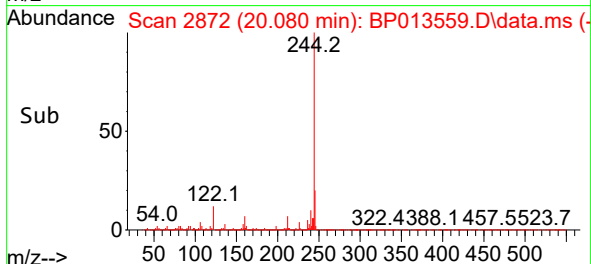
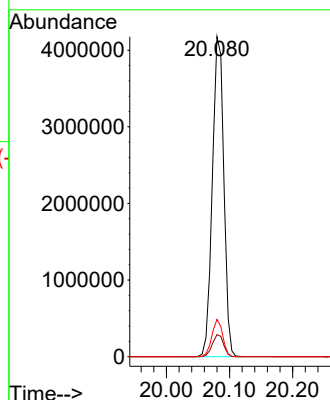
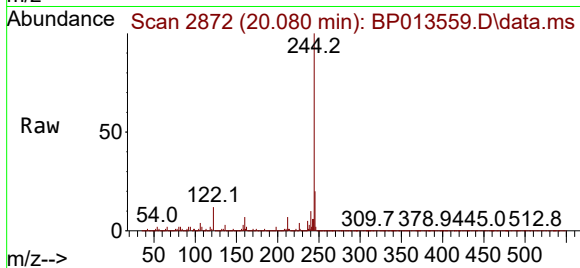
Tgt Ion:244 Resp: 5247178

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.7 9.2 13.8



#80

Butylbenzylphthalate

Concen: 53.528 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

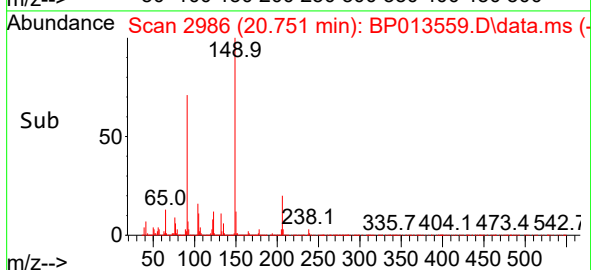
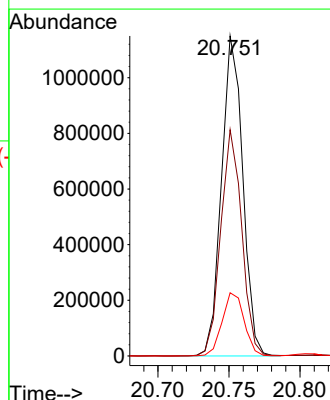
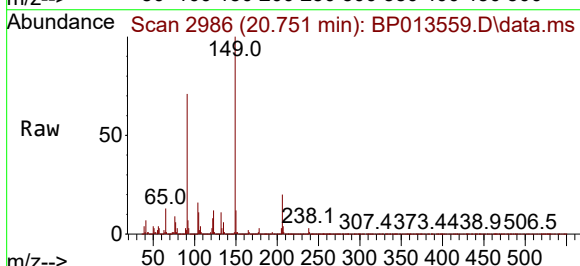
Tgt Ion:149 Resp: 1195083

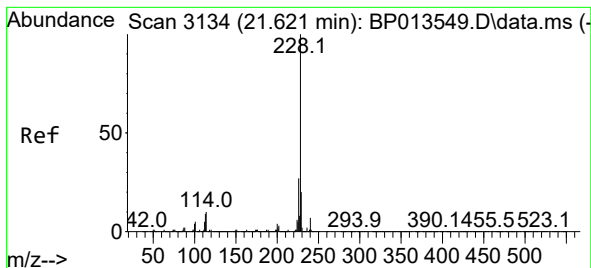
Ion Ratio Lower Upper

149 100

91 70.7 54.6 81.8

206 19.8 16.7 25.1





#81

Benzo(a)anthracene

Concen: 48.183 ng

RT: 21.609 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

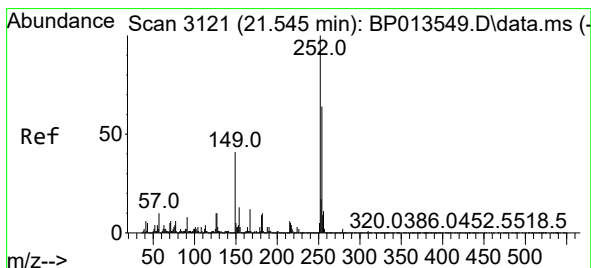
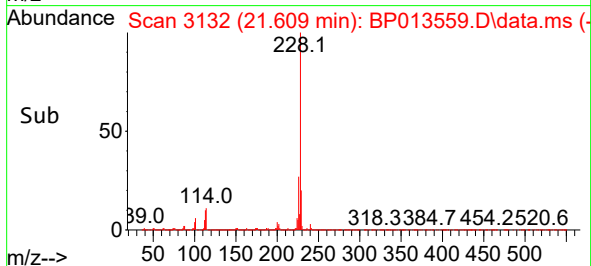
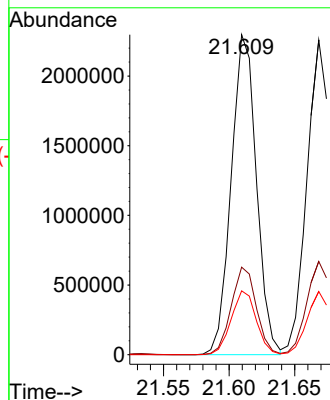
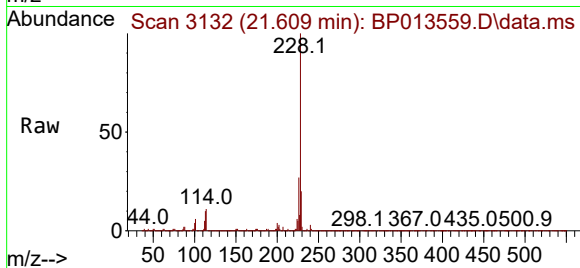
Tgt Ion:228 Resp: 3078363

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.245 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

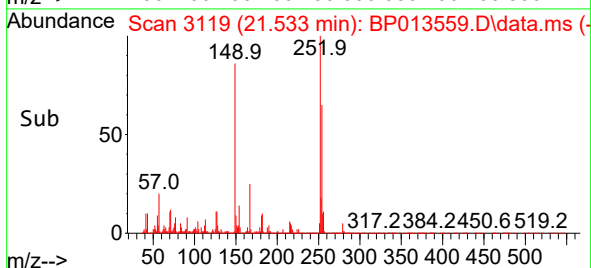
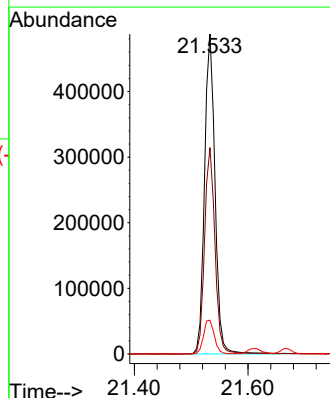
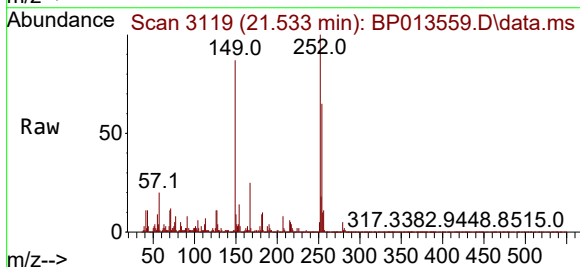
Tgt Ion:252 Resp: 622602

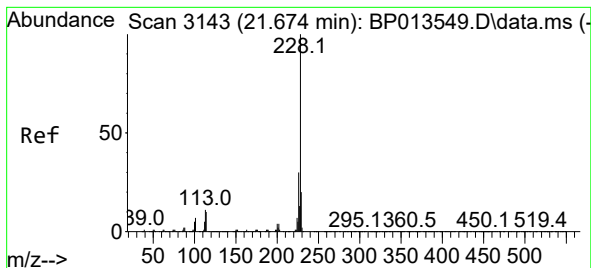
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 10.6 8.3 12.5





#83

Chrysene

Concen: 47.810 ng

RT: 21.668 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

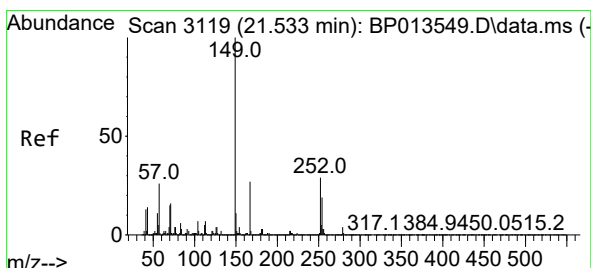
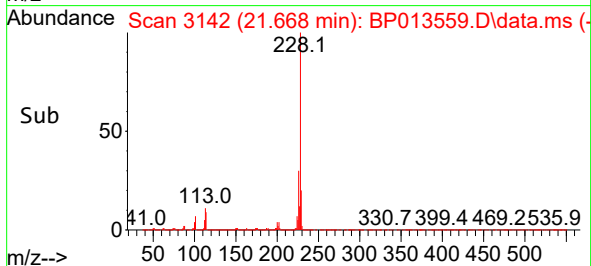
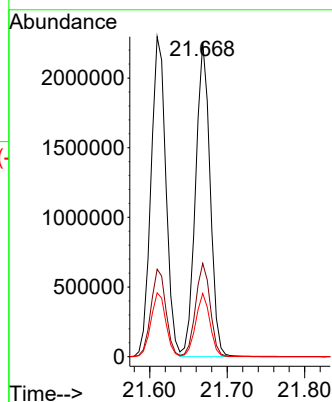
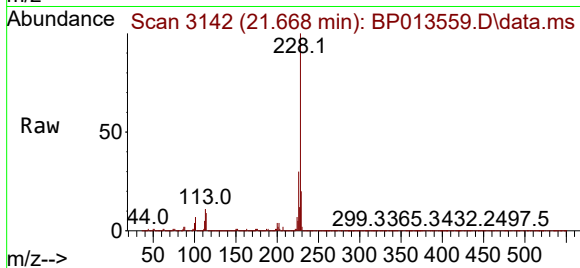
Tgt Ion:228 Resp: 2921582

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.848 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

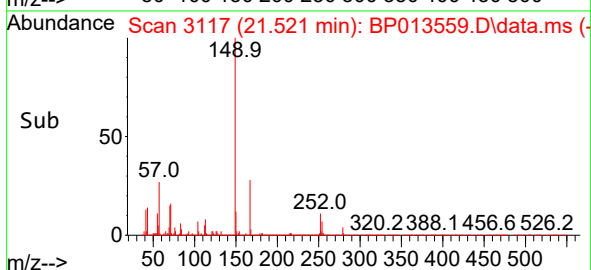
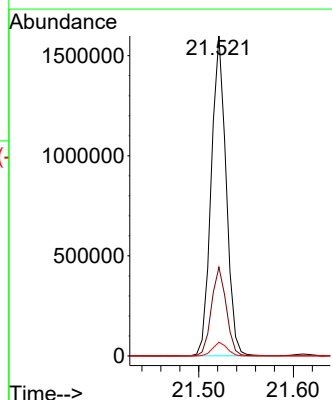
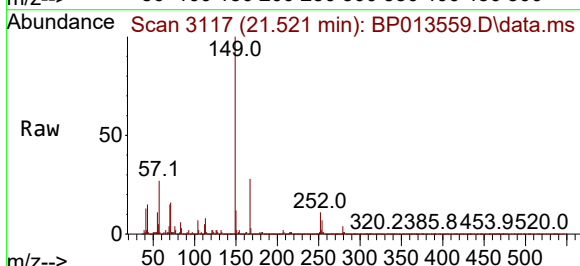
Tgt Ion:149 Resp: 1745413

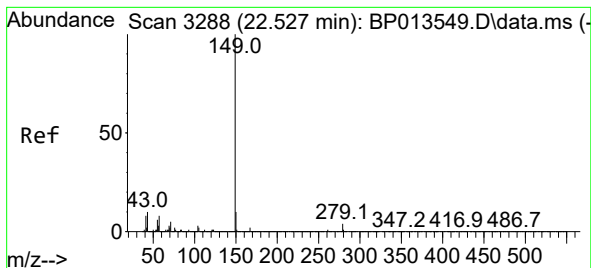
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 49.661 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

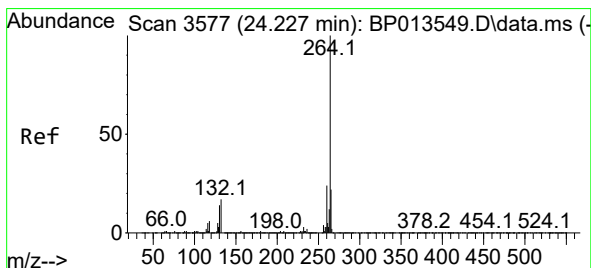
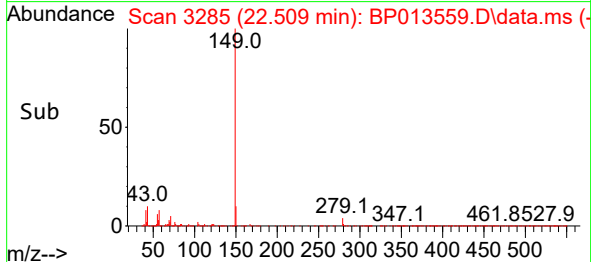
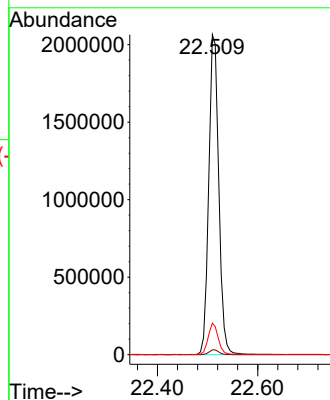
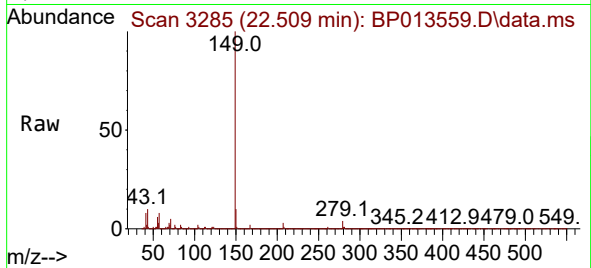
Tgt Ion:149 Resp: 2860809

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.8 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

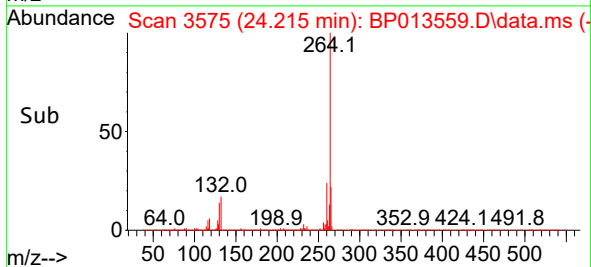
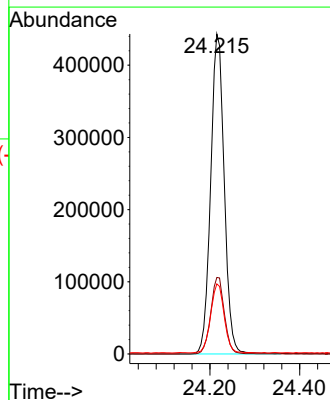
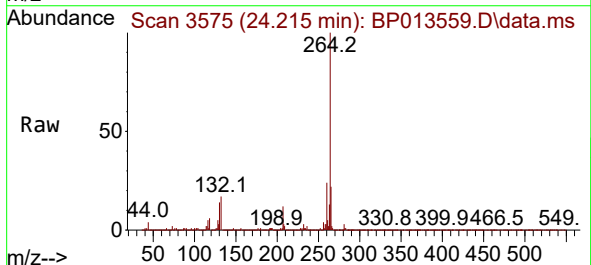
Tgt Ion:264 Resp: 931133

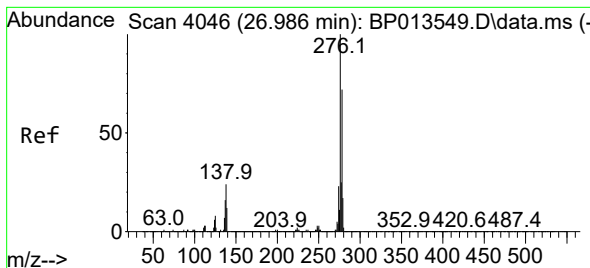
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.458 ng

RT: 26.956 min Scan# 4046

Delta R.T. -0.030 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

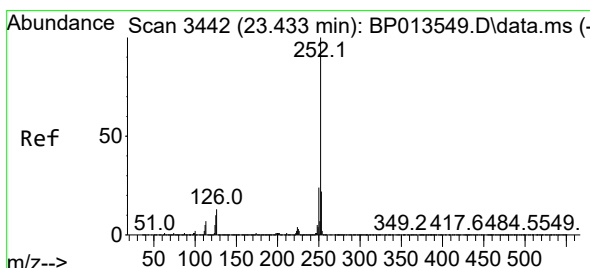
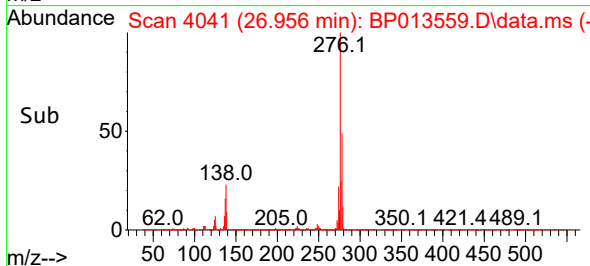
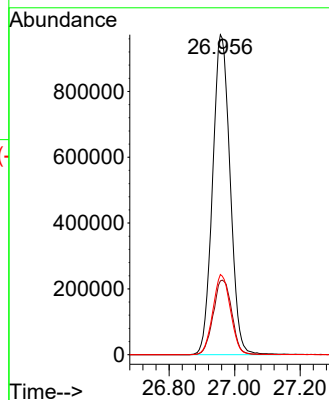
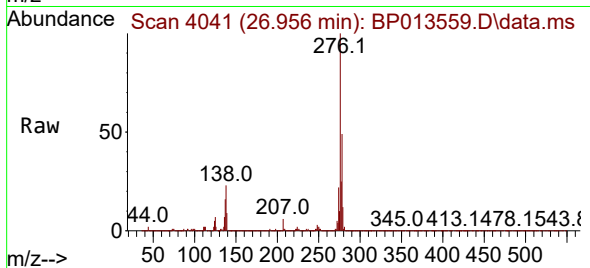
Tgt Ion:276 Resp: 3597835

Ion Ratio Lower Upper

276 100

138 24.6 19.8 29.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.327 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

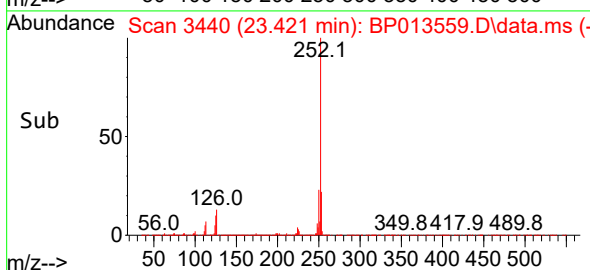
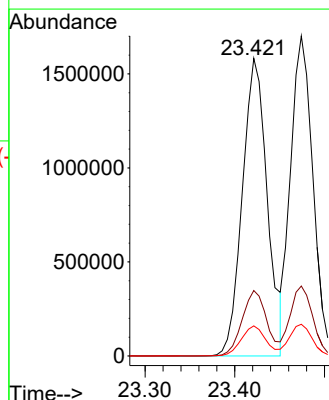
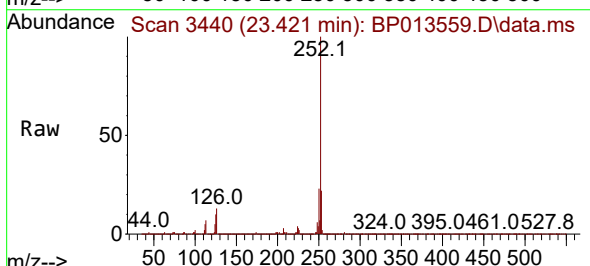
Tgt Ion:252 Resp: 3054637

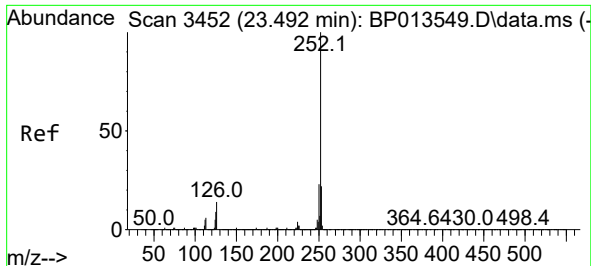
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.1 8.0 12.0

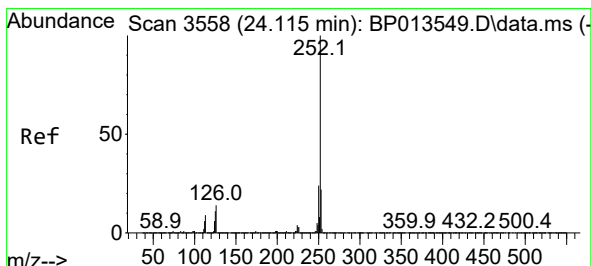
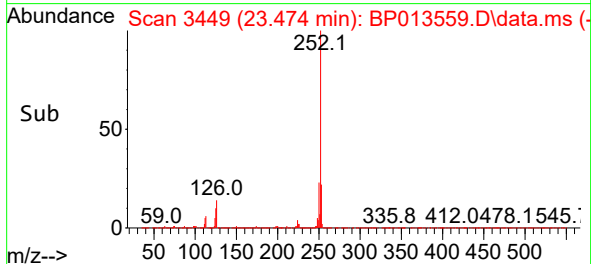
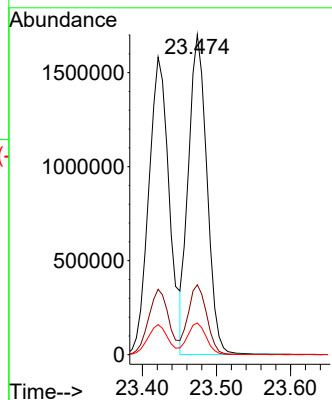
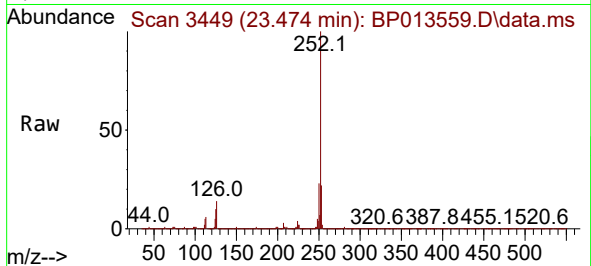




#89
Benzo(k)fluoranthene
Concen: 50.263 ng
RT: 23.474 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

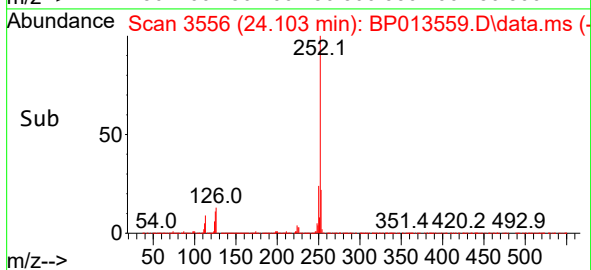
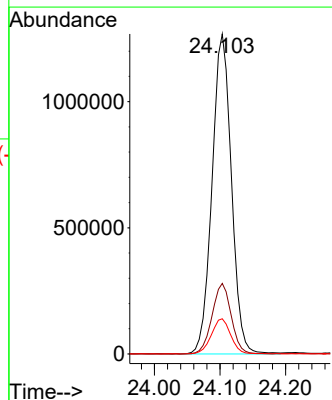
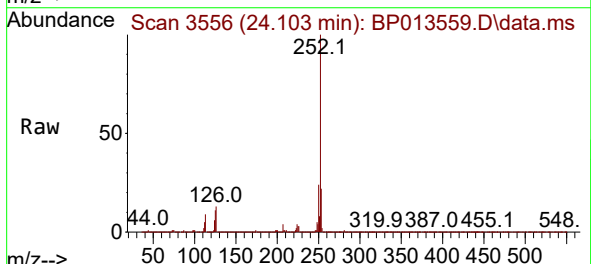
Instrument :
BNA_P
ClientSampleId :
PB150338BS

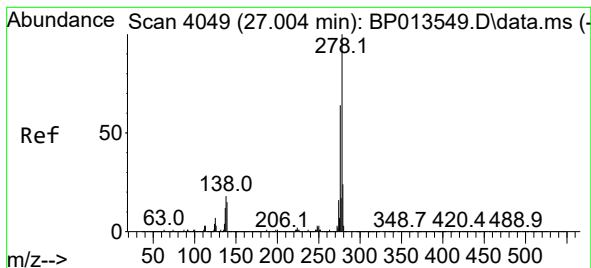
Tgt Ion:252 Resp: 2936541
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.9 7.5 11.3



#90
Benzo(a)pyrene
Concen: 46.717 ng
RT: 24.103 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP013559.D
Acq: 23 Jan 2023 22:04

Tgt Ion:252 Resp: 2595843
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 52.935 ng

RT: 26.980 min Scan# 4049

Delta R.T. -0.024 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Instrument :

BNA_P

ClientSampleId :

PB150338BS

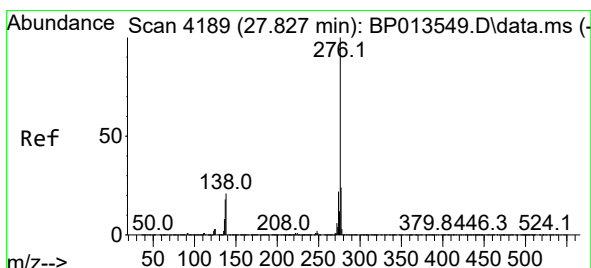
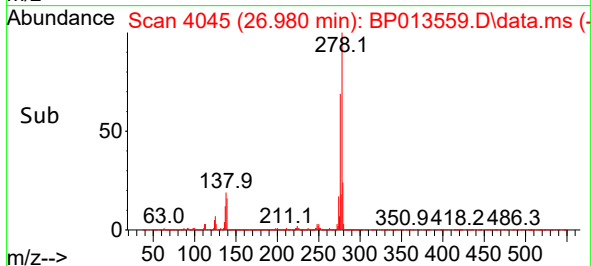
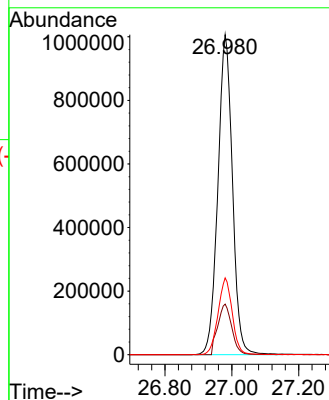
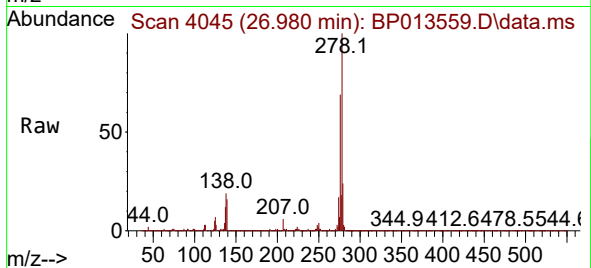
Tgt Ion:278 Resp: 3045259

Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 52.426 ng

RT: 27.803 min Scan# 4185

Delta R.T. -0.024 min

Lab File: BP013559.D

Acq: 23 Jan 2023 22:04

Tgt Ion:276 Resp: 2943954

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 21.1 16.6 25.0

