

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013556.D
 Acq On : 23 Jan 2023 20:22
 Operator : CG/JU
 Sample : PB150389BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150389BS

Quant Time: Jan 24 05:48:43 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	294965	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1191657	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	670156	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1343609	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1051051	20.000	ng	0.00
86) Perylene-d12	24.221	264	943778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2682062	155.792	ng	0.00
7) Phenol-d6	7.305	99	3383843	146.044	ng	0.00
23) Nitrobenzene-d5	9.334	82	1791471	99.246	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1113477	165.648	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	4433068	90.801	ng	0.00
79) Terphenyl-d14	20.080	244	5941458	101.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.534	88	269281	38.800	ng	99
3) Pyridine	3.940	79	764874	37.125	ng	99
4) n-Nitrosodimethylamine	3.852	42	407072	43.700	ng	99
6) Aniline	7.475	93	1162899	37.362	ng	99
8) 2-Chlorophenol	7.722	128	943834	49.684	ng	98
9) Benzaldehyde	7.287	77	399430	27.223	ng	99
10) Phenol	7.334	94	1197578	49.888	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	890095	45.347	ng	99
12) 1,3-Dichlorobenzene	8.052	146	1022523	48.673	ng	99
13) 1,4-Dichlorobenzene	8.199	146	1036788	48.672	ng	99
14) 1,2-Dichlorobenzene	8.522	146	998288	48.399	ng	99
15) Benzyl Alcohol	8.399	79	761939	46.027	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1231790	45.828	ng	99
17) 2-Methylphenol	8.599	107	788942	45.253	ng	99
18) Hexachloroethane	9.257	117	357459	50.205	ng	97
19) n-Nitroso-di-n-propyla...	8.975	70	652653	43.733	ng	99
20) 3+4-Methylphenols	8.928	107	1041408	45.382	ng	99
22) Acetophenone	8.993	105	1375592	44.997	ng	# 99
24) Nitrobenzene	9.381	77	929186	47.876	ng	98
25) Isophorone	9.904	82	1803005	42.111	ng	99
26) 2-Nitrophenol	10.093	139	334091	47.849	ng	98
27) 2,4-Dimethylphenol	10.146	122	891288	48.224	ng	98
28) bis(2-Chloroethoxy)met...	10.387	93	1150010	44.571	ng	99
29) 2,4-Dichlorophenol	10.628	162	837930	49.288	ng	99
30) 1,2,4-Trichlorobenzene	10.851	180	904408	46.616	ng	99
31) Naphthalene	11.046	128	2855801	44.577	ng	100
32) Benzoic acid	10.269	122	398185	46.083	ng	98
33) 4-Chloroaniline	11.146	127	452286	15.955	ng	98
34) Hexachlorobutadiene	11.328	225	512319	45.377	ng	99
35) Caprolactam	11.916	113	257974	46.805	ng	99
36) 4-Chloro-3-methylphenol	12.251	107	869826	46.980	ng	98
37) 2-Methylnaphthalene	12.640	142	1958377	43.006	ng	99
38) 1-Methylnaphthalene	12.857	142	1807946	42.252	ng	98
40) 1,2,4,5-Tetrachloroben...	12.998	216	955978	46.334	ng	99
41) Hexachlorocyclopentadiene	12.981	237	1204037	109.639	ng	98
43) 2,4,6-Trichlorophenol	13.234	196	610190	50.532	ng	99

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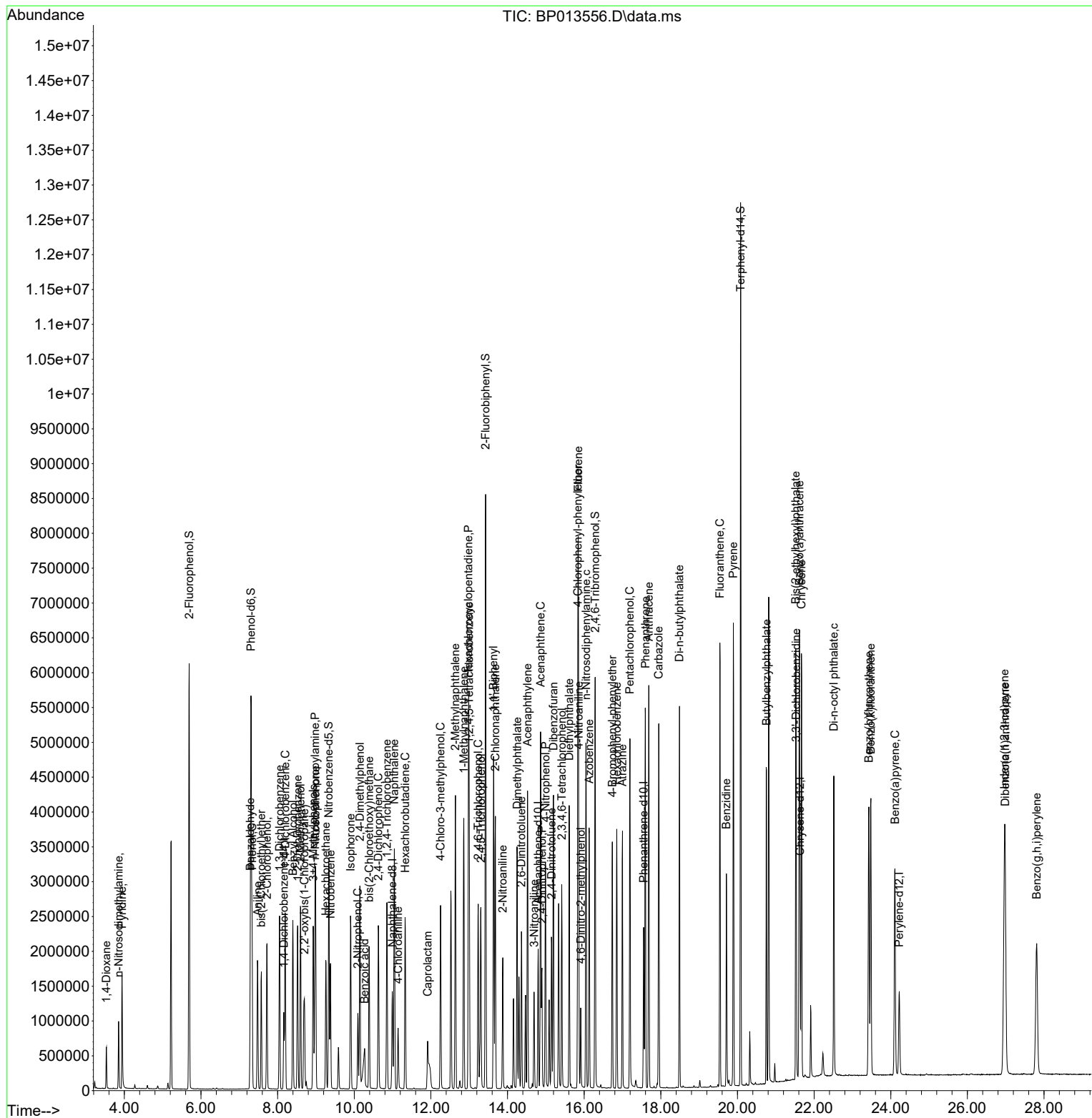
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	671916	47.089	ng	99
46) 1,1'-Biphenyl	13.634	154	2484571	46.164	ng	100
47) 2-Chloronaphthalene	13.681	162	1897220	47.053	ng	99
48) 2-Nitroaniline	13.875	65	463132	46.199	ng	94
49) Acenaphthylene	14.522	152	2999133	45.483	ng	99
50) Dimethylphthalate	14.251	163	2283959	45.848	ng	100
51) 2,6-Dinitrotoluene	14.363	165	453150	46.711	ng	98
52) Acenaphthene	14.863	154	1973989	48.462	ng	99
53) 3-Nitroaniline	14.692	138	329783	31.685	ng	99
54) 2,4-Dinitrophenol	14.898	184	322231	85.211	ng	95
55) Dibenzofuran	15.198	168	2809948	44.988	ng	99
56) 4-Nitrophenol	14.992	139	864282	100.972	ng	92
57) 2,4-Dinitrotoluene	15.151	165	599497	51.494	ng	91
58) Fluorene	15.845	166	2251402	45.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.416	232	555057	50.660	ng	99
60) Diethylphthalate	15.610	149	2240464	46.048	ng	99
61) 4-Chlorophenyl-phenyle...	15.834	204	1088813	44.604	ng	100
62) 4-Nitroaniline	15.857	138	505333	47.506	ng	94
63) Azobenzene	16.128	77	2110934	44.649	ng	99
65) 4,6-Dinitro-2-methylph...	15.910	198	212577	49.769	ng	100
66) n-Nitrosodiphenylamine	16.051	169	1963987	44.823	ng	99
67) 4-Bromophenyl-phenylether	16.733	248	662137	44.489	ng	99
68) Hexachlorobenzene	16.851	284	759534	47.246	ng	99
69) Atrazine	16.998	200	640106	51.058	ng	99
70) Pentachlorophenol	17.192	266	865115	80.587	ng	97
71) Phenanthrene	17.598	178	3432165	45.911	ng	100
72) Anthracene	17.686	178	3470975	45.747	ng	100
73) Carbazole	17.945	167	3208149	47.050	ng	99
74) Di-n-butylphthalate	18.486	149	3563643	46.959	ng	100
75) Fluoranthene	19.539	202	3663279	46.080	ng	100
77) Benzidine	19.710	184	1643897	62.187	ng	99
78) Pyrene	19.892	202	3783098	47.073	ng	100
80) Butylbenzylphthalate	20.757	149	1332661	52.082	ng	100
81) Benzo(a)anthracene	21.616	228	3345098	45.684	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	665784	28.220	ng	99
83) Chrysene	21.669	228	3153282	45.025	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	1920796	46.905	ng	99
85) Di-n-octyl phthalate	22.516	149	2968896	44.968	ng	99
87) Indeno(1,2,3-cd)pyrene	26.968	276	3315656	47.696	ng	100
88) Benzo(b)fluoranthene	23.427	252	2924198	50.366	ng	100
89) Benzo(k)fluoranthene	23.480	252	2937120	49.599	ng	100
90) Benzo(a)pyrene	24.110	252	2488109	44.178	ng	99
91) Dibenzo(a,h)anthracene	26.986	278	2786148	47.782	ng	99
92) Benzo(g,h,i)perylene	27.809	276	2705006	47.525	ng	100

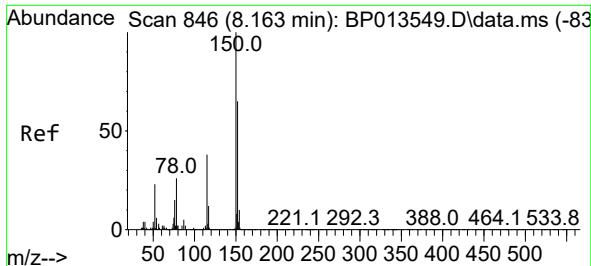
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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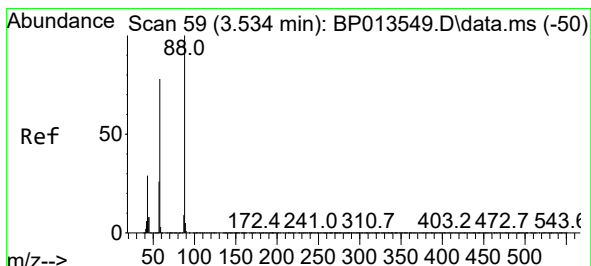
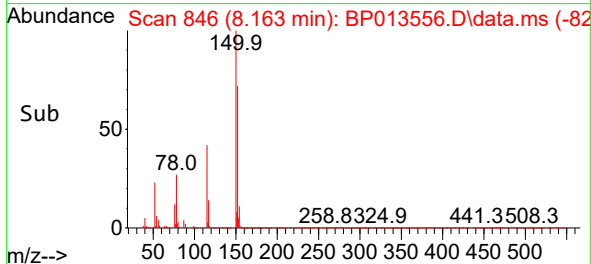
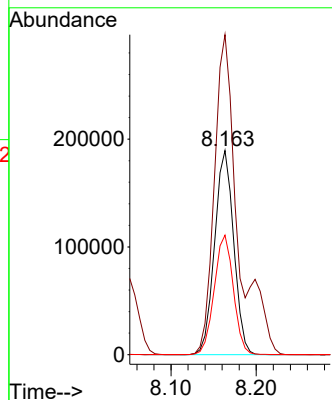
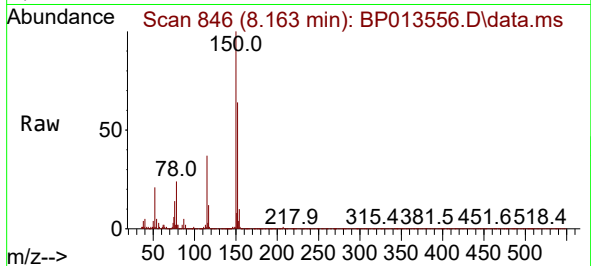




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

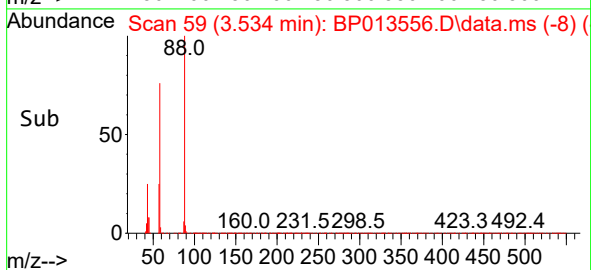
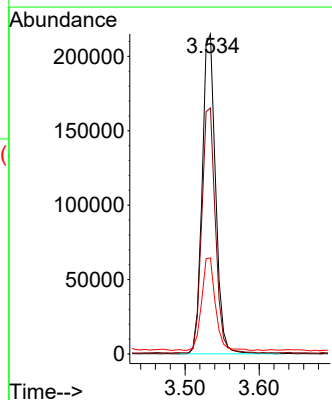
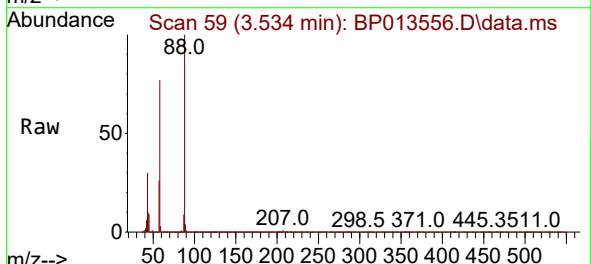
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BNA_P
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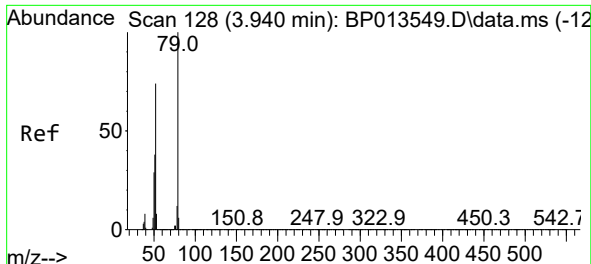
Tgt Ion:152 Resp: 294965
Ion Ratio Lower Upper
152 100
150 156.8 122.4 183.6
115 58.6 46.1 69.1



#2
1,4-Dioxane
Concen: 38.800 ng
RT: 3.534 min Scan# 59
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 88 Resp: 269281
Ion Ratio Lower Upper
88 100
58 78.1 63.6 95.4
43 29.6 24.2 36.2

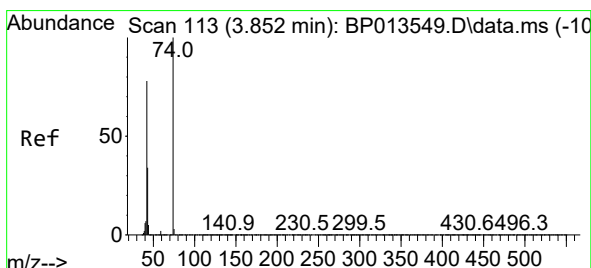
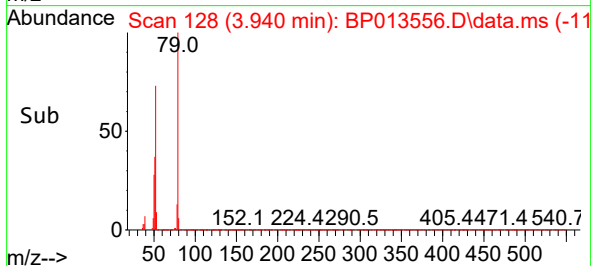
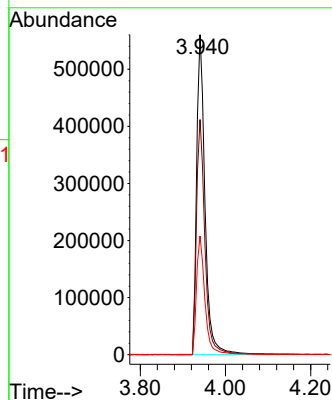
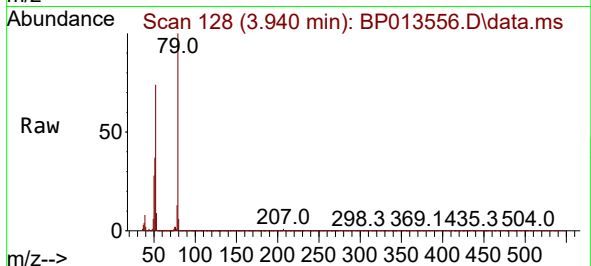




#3
Pyridine
Concen: 37.125 ng
RT: 3.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

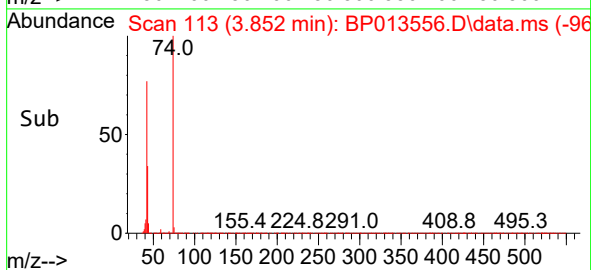
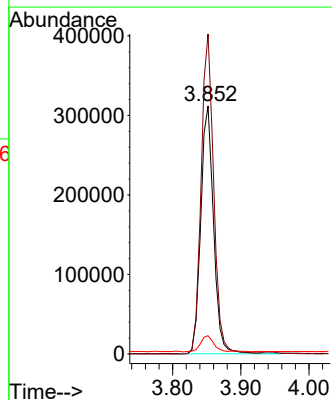
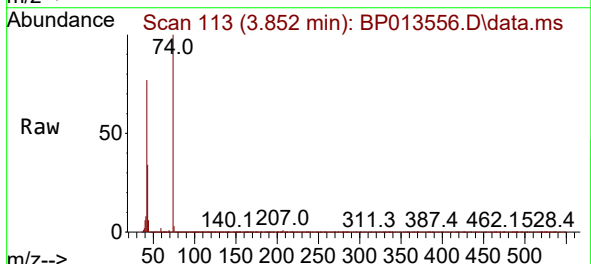
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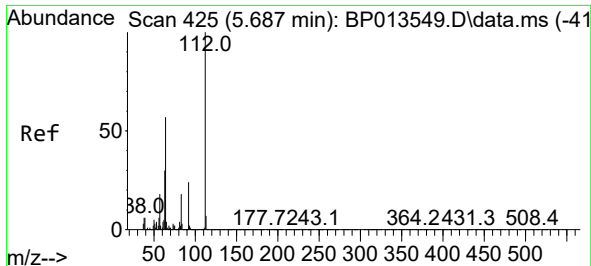
Tgt Ion: 79 Resp: 764874
Ion Ratio Lower Upper
79 100
52 73.5 59.4 89.2
51 37.1 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 43.700 ng
RT: 3.852 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 42 Resp: 407072
Ion Ratio Lower Upper
42 100
74 129.1 102.3 153.5
44 7.3 6.2 9.2

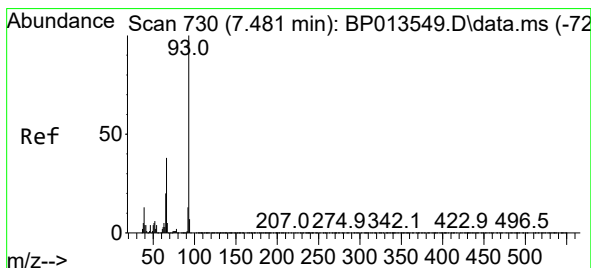
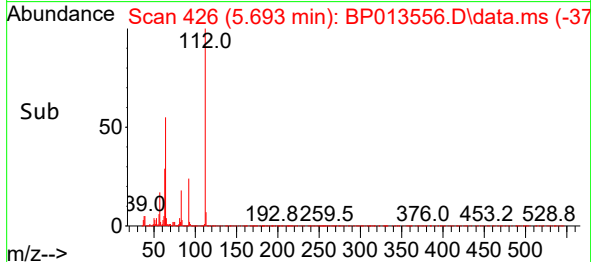
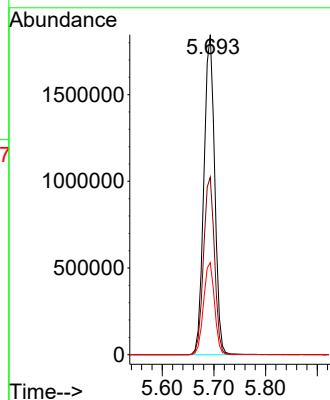
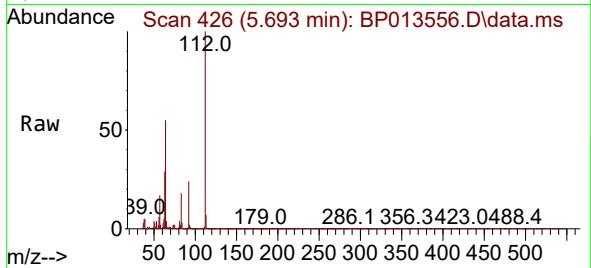




#5
2-Fluorophenol
Concen: 155.792 ng
RT: 5.693 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

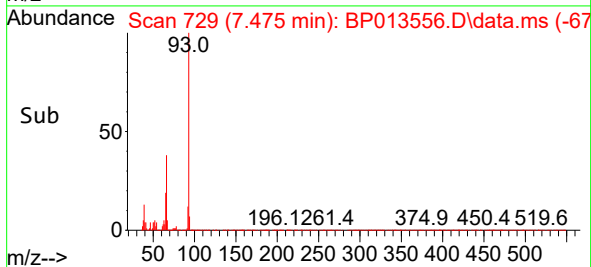
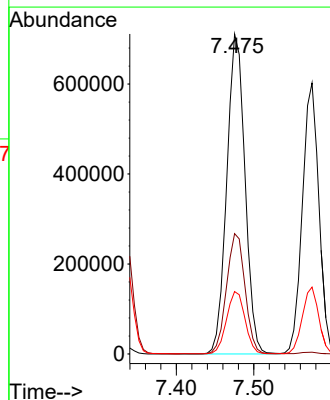
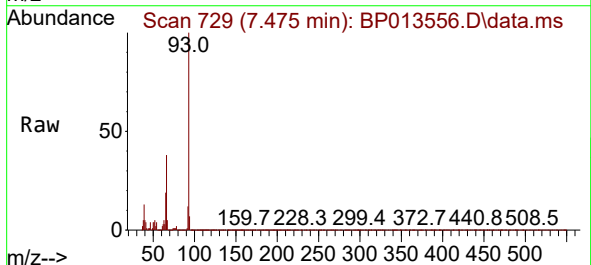
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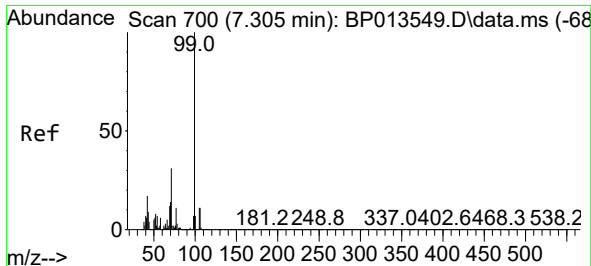
Tgt Ion:112 Resp: 2682062
Ion Ratio Lower Upper
112 100
64 55.4 45.4 68.0
63 28.8 24.1 36.1



#6
Aniline
Concen: 37.362 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 93 Resp: 1162899
Ion Ratio Lower Upper
93 100
66 37.6 30.3 45.5
65 19.5 15.9 23.9

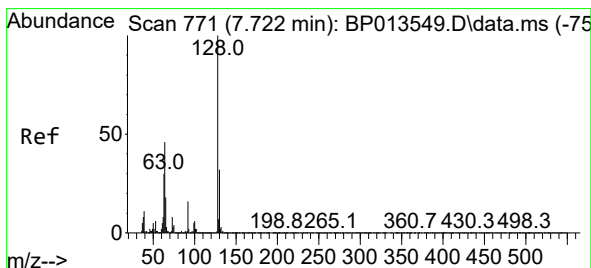
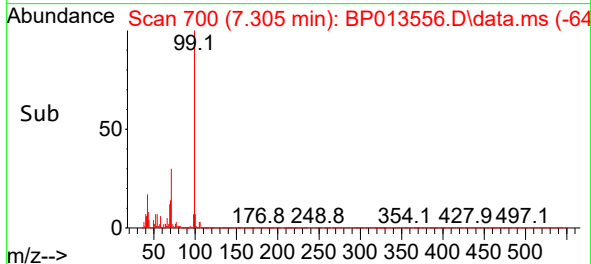
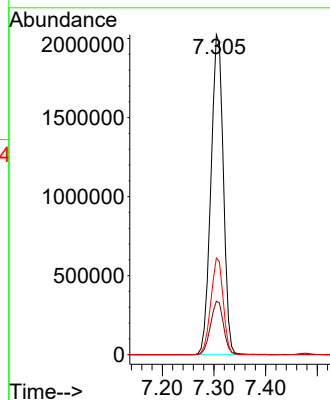
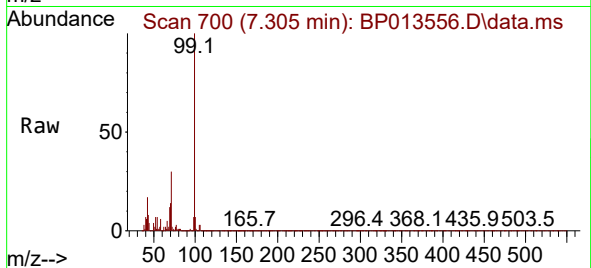




#7
Phenol-d6
Concen: 146.044 ng
RT: 7.305 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

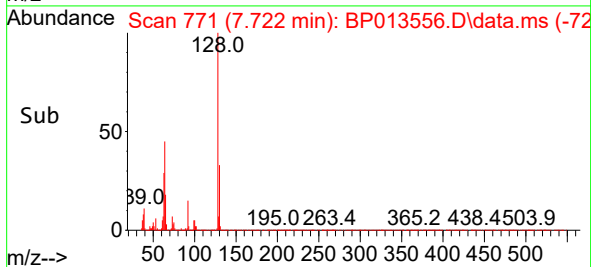
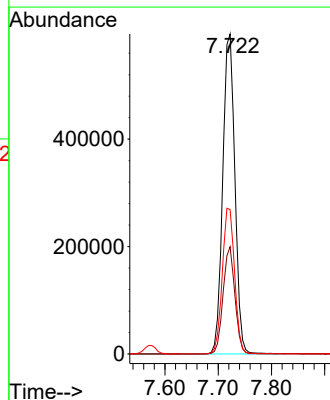
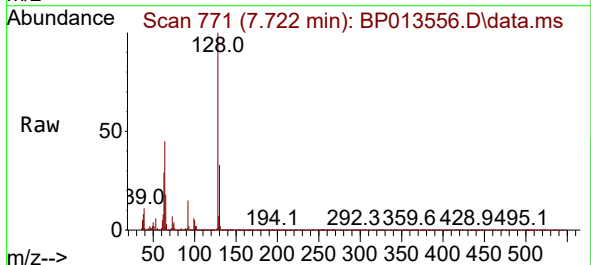
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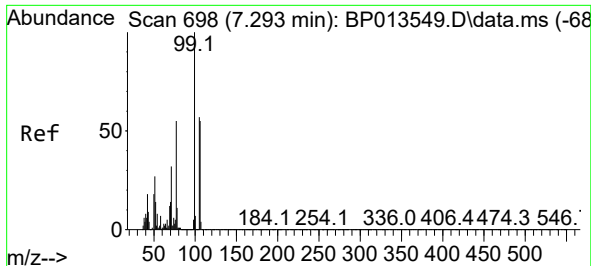
Tgt Ion: 99 Resp: 3383843
Ion Ratio Lower Upper
99 100
42 16.7 14.0 21.0
71 30.3 24.7 37.1



#8
2-Chlorophenol
Concen: 49.684 ng
RT: 7.722 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 128 Resp: 943834
Ion Ratio Lower Upper
128 100
130 33.5 12.4 52.4
64 45.1 26.2 66.2

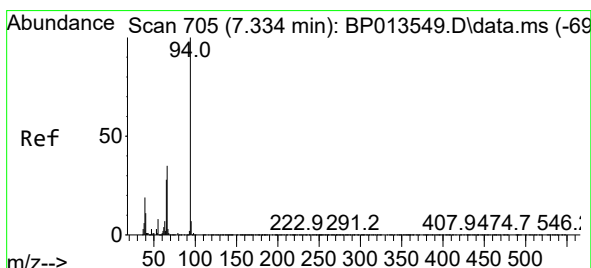
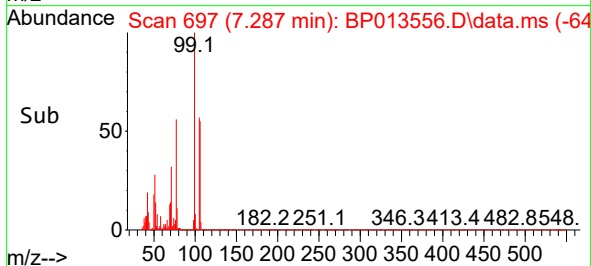
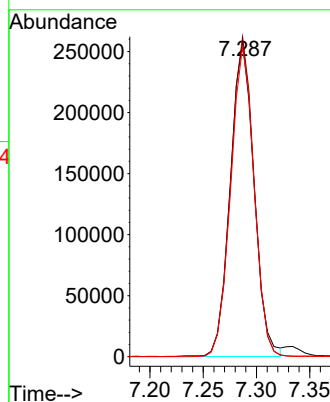
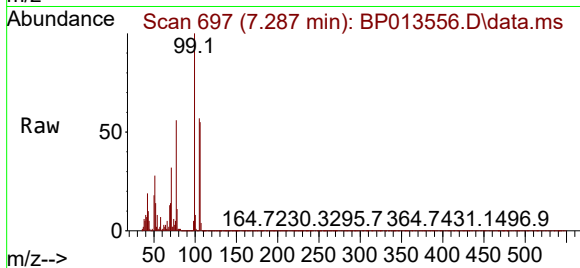




#9
Benzaldehyde
Concen: 27.223 ng
RT: 7.287 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP013556.D
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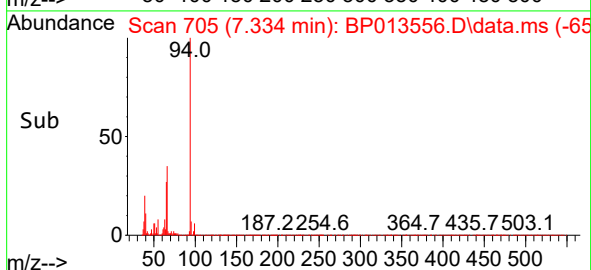
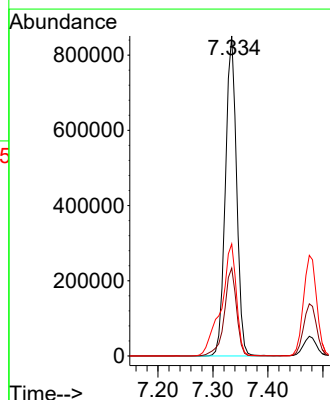
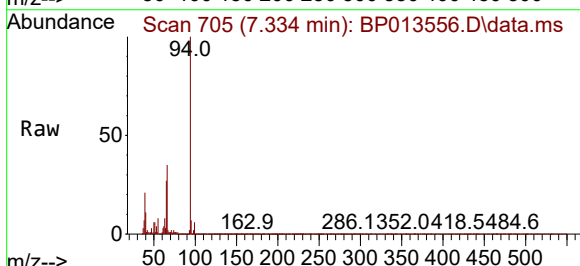
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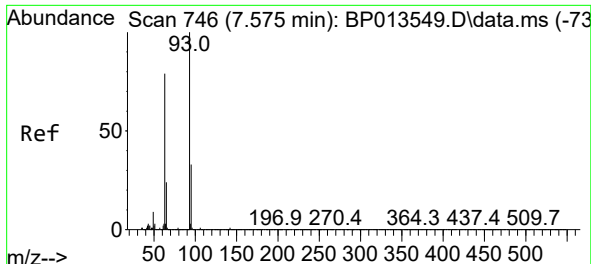
Tgt Ion: 77 Resp: 399430
Ion Ratio Lower Upper
77 100
105 101.7 82.6 122.6
106 98.6 78.9 118.9



#10
Phenol
Concen: 49.888 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 94 Resp: 1197578
Ion Ratio Lower Upper
94 100
65 27.5 7.8 47.8
66 35.0 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 45.347 ng

RT: 7.575 min Scan# 746

Delta R.T. -0.000 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

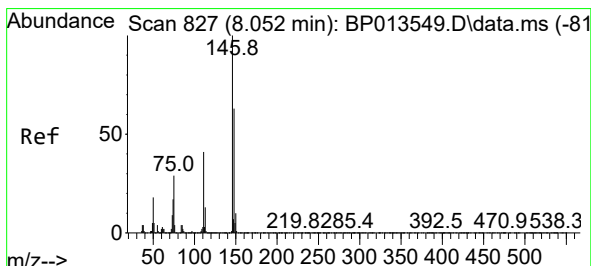
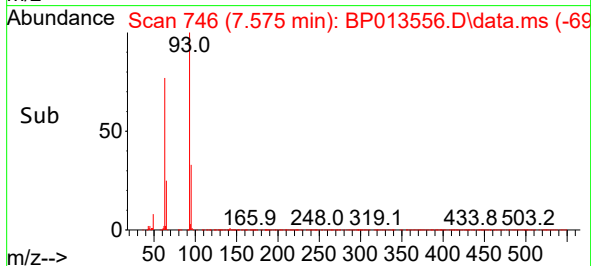
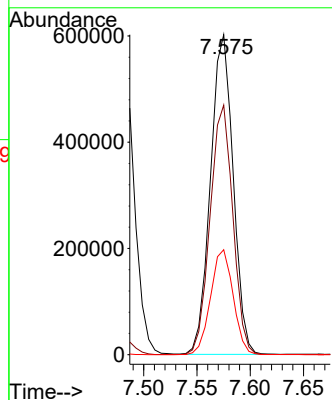
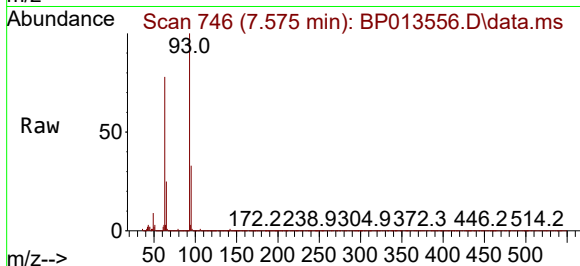
Tgt Ion: 93 Resp: 890095

Ion Ratio Lower Upper

93 100

63 78.0 58.7 98.7

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 48.673 ng

RT: 8.052 min Scan# 827

Delta R.T. 0.000 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

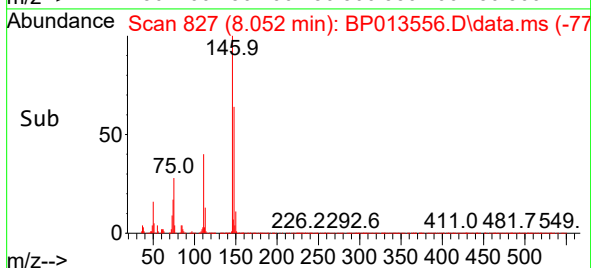
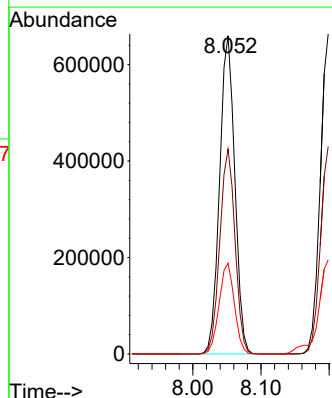
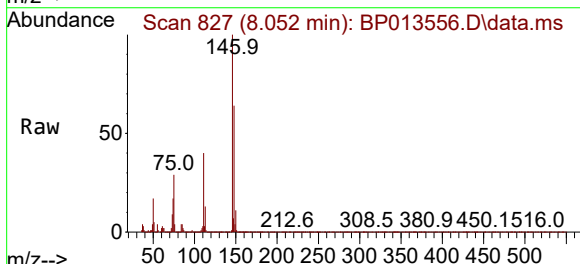
Tgt Ion:146 Resp: 1022523

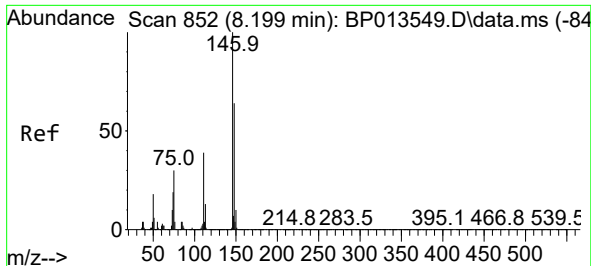
Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

75 28.5 23.4 35.2

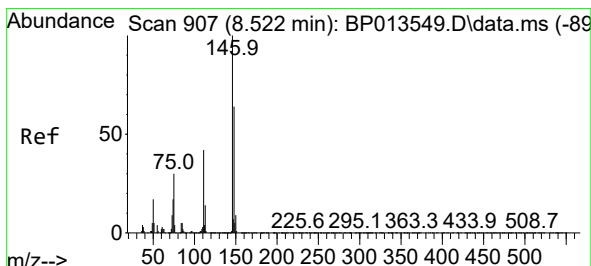
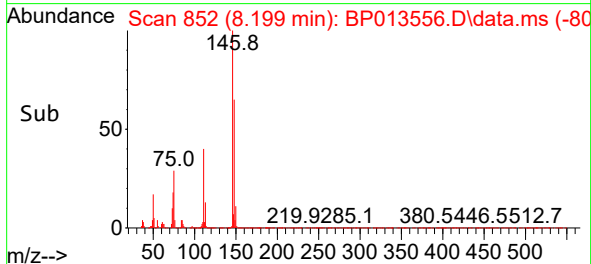
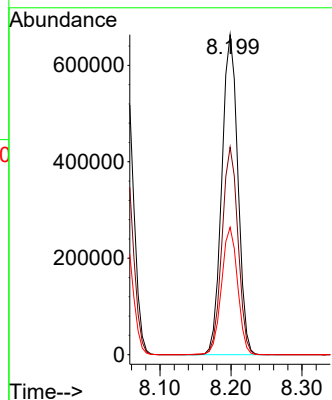
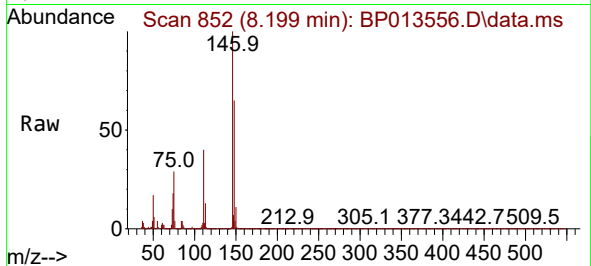




#13
1,4-Dichlorobenzene
Concen: 48.672 ng
RT: 8.199 min Scan# 852
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

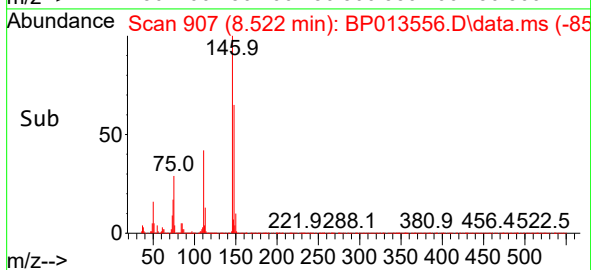
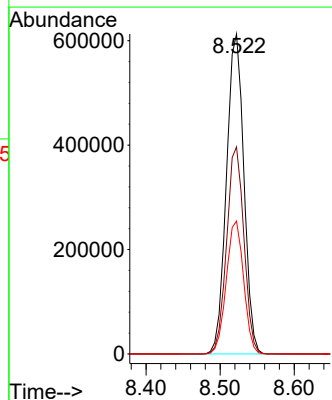
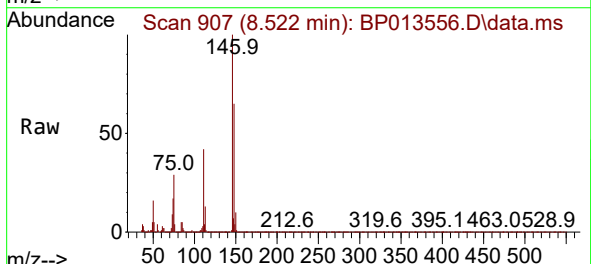
Instrument :
BNA_P
ClientSampleId :
PB150389BS

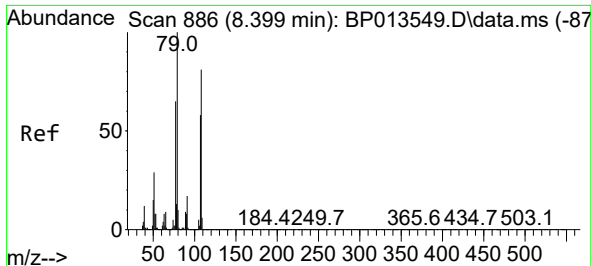
Tgt Ion:146 Resp: 1036788
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
111 39.8 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 48.399 ng
RT: 8.522 min Scan# 907
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:146 Resp: 998288
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 41.5 33.4 50.2

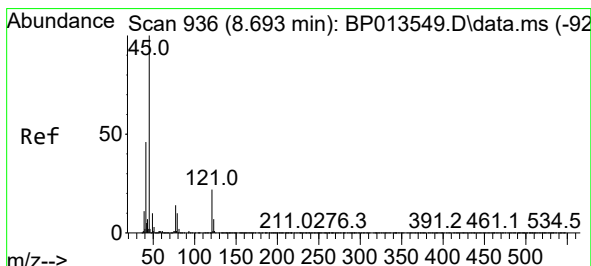
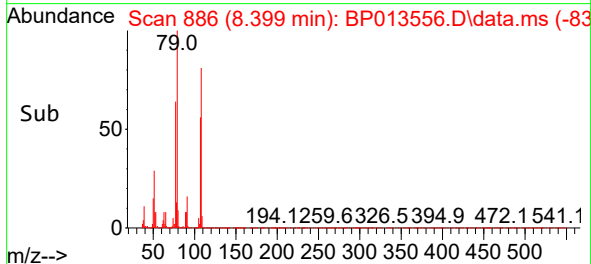
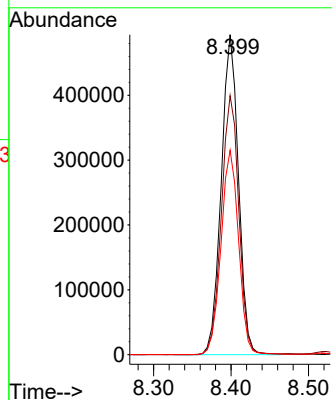
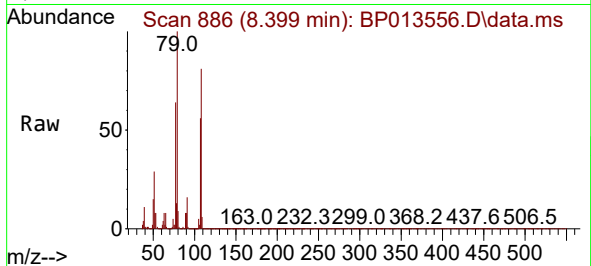




#15
Benzyl Alcohol
Concen: 46.027 ng
RT: 8.399 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

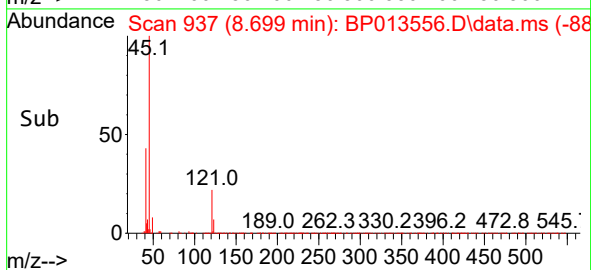
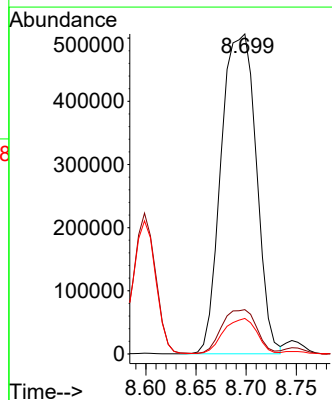
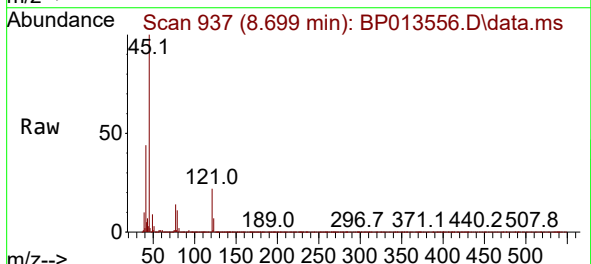
Instrument :
BNA_P
ClientSampleId :
PB150389BS

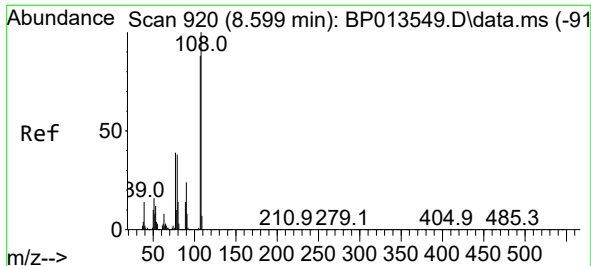
Tgt Ion: 79 Resp: 761939
Ion Ratio Lower Upper
79 100
108 80.9 65.2 97.8
77 63.9 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.828 ng
RT: 8.699 min Scan# 937
Delta R.T. 0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 45 Resp: 1231790
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.2
79 11.1 0.0 30.4





#17

2-Methylphenol

Concen: 45.253 ng

RT: 8.599 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

Tgt Ion:107 Resp: 788942

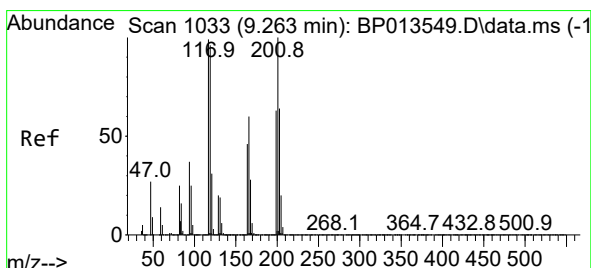
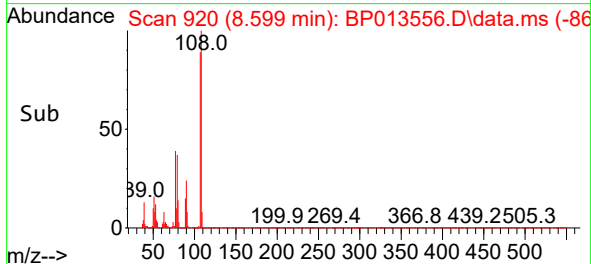
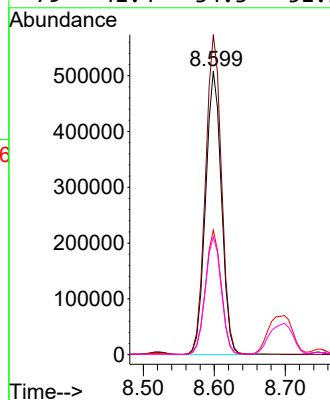
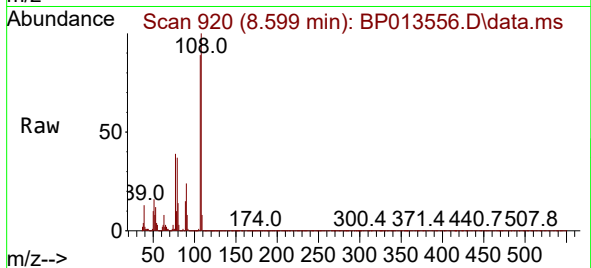
Ion Ratio Lower Upper

107 100

108 112.8 90.5 135.7

77 43.9 35.4 53.2

79 41.4 34.3 51.5



#18

Hexachloroethane

Concen: 50.205 ng

RT: 9.257 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

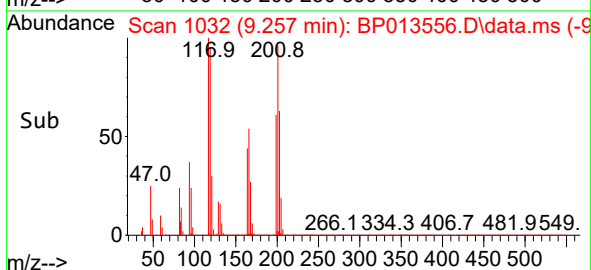
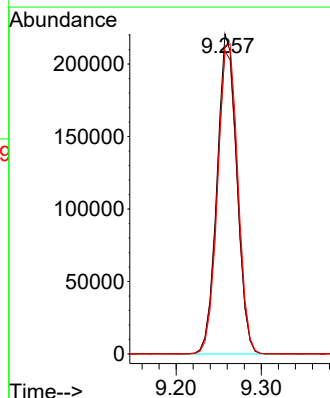
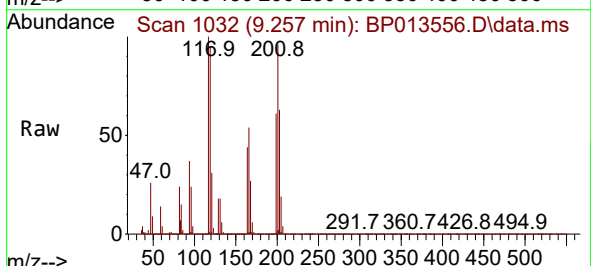
Tgt Ion:117 Resp: 357459

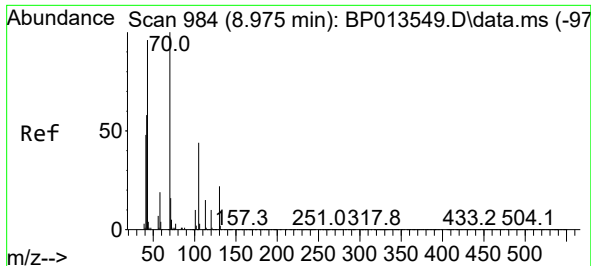
Ion Ratio Lower Upper

117 100

119 94.7 77.0 115.6

201 96.1 80.6 120.8

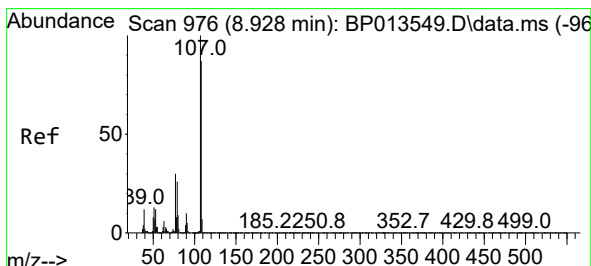
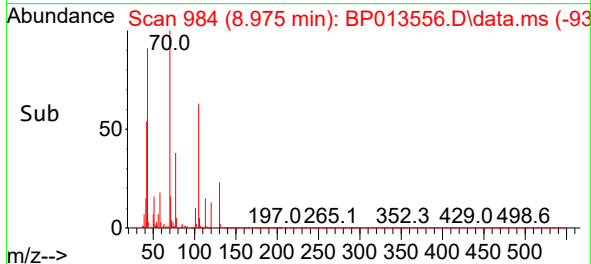
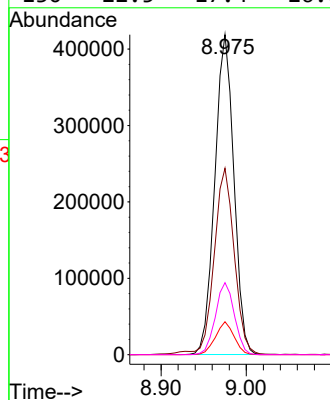
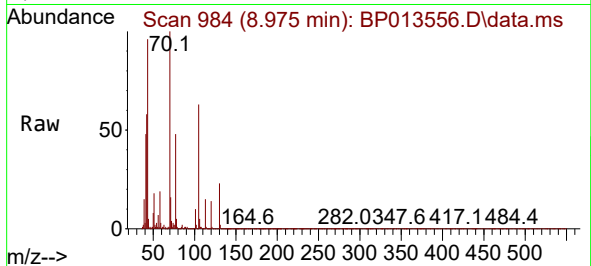




#19
n-Nitroso-di-n-propylamine
Concen: 43.733 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

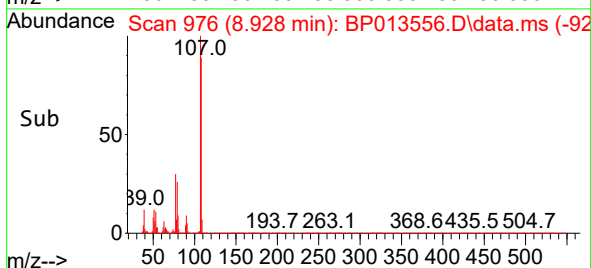
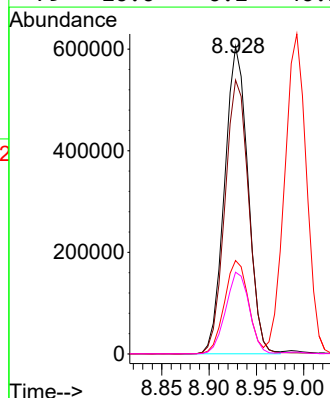
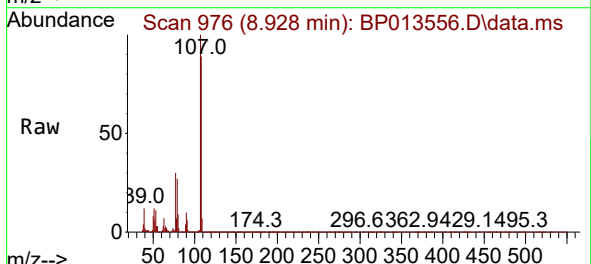
Instrument :
BNA_P
ClientSampleId :
PB150389BS

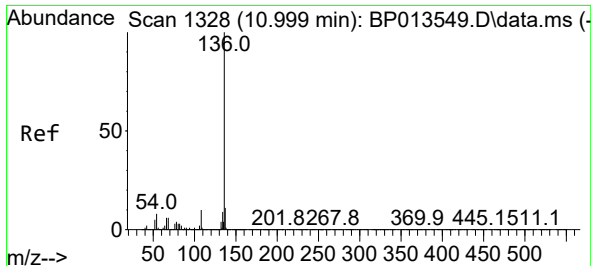
Tgt Ion: 70 Resp: 652653
Ion Ratio Lower Upper
70 100
42 58.2 47.2 70.8
101 10.3 8.0 12.0
130 22.5 17.4 26.0



#20
3+4-Methylphenols
Concen: 45.382 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 107 Resp: 1041408
Ion Ratio Lower Upper
107 100
108 89.1 67.5 107.5
77 30.4 10.5 50.5
79 26.6 6.2 46.2

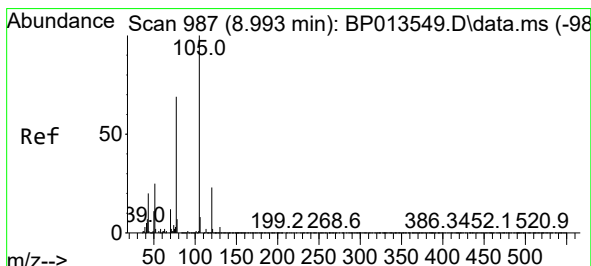
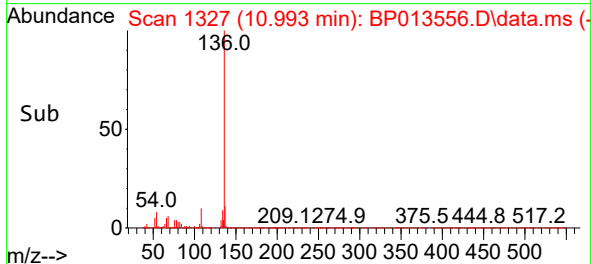
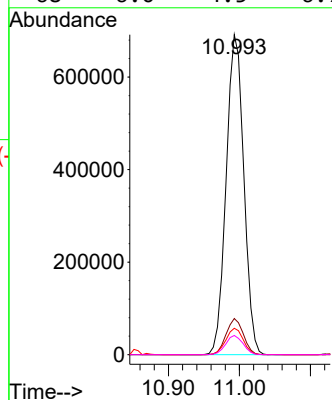
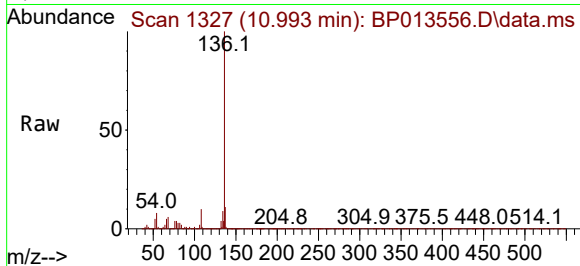




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

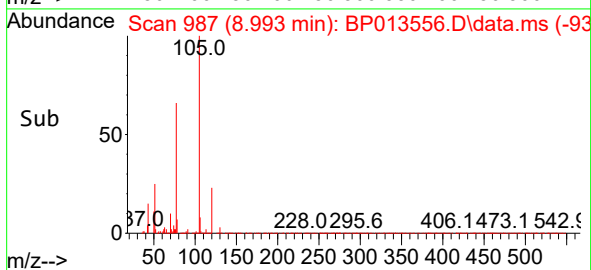
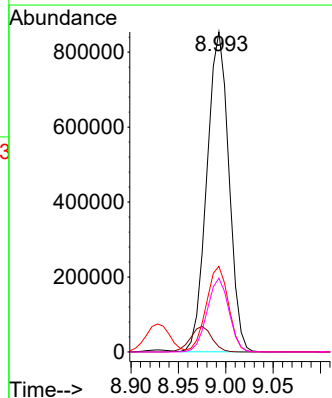
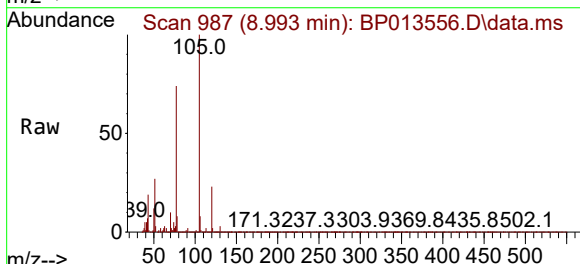
Instrument :
BNA_P
ClientSampleId :
PB150389BS

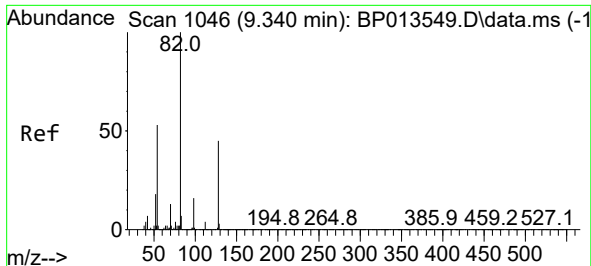
Tgt Ion:136 Resp: 1191657
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.2 6.6 9.8
68 6.0 4.5 6.7



#22
Acetophenone
Concen: 44.997 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:105 Resp: 1375592
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.8#
51 26.8 21.1 31.7
120 23.0 18.2 27.2

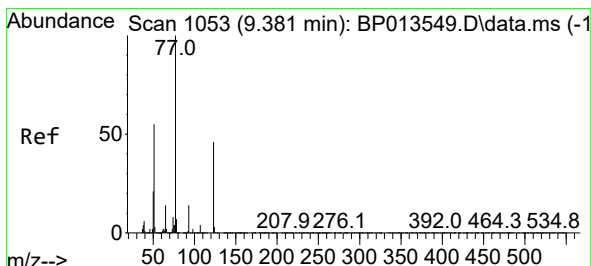
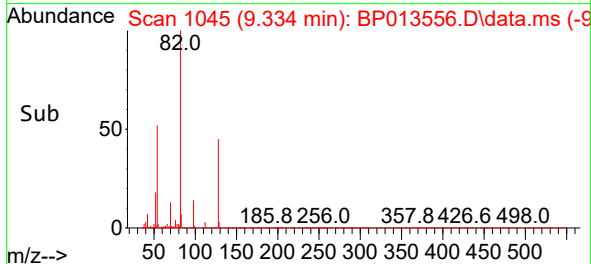
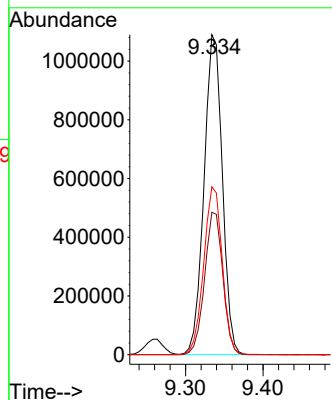
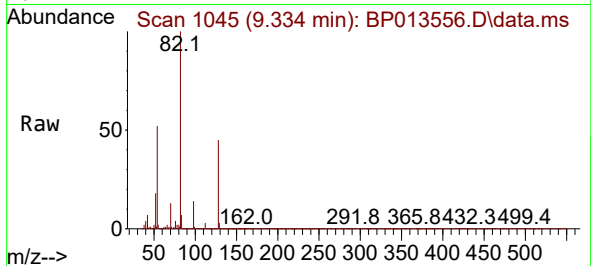




#23
Nitrobenzene-d5
Concen: 99.246 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

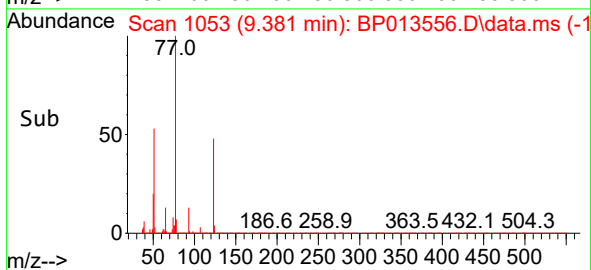
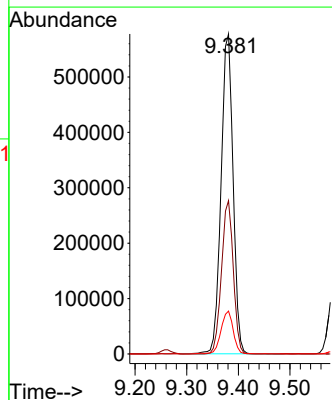
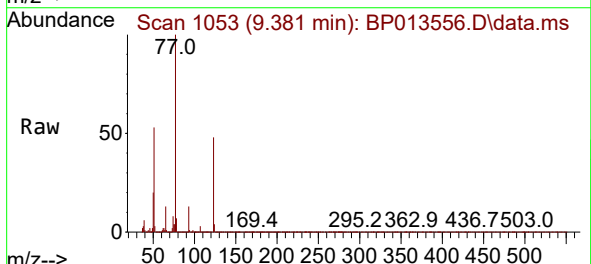
Instrument :
BNA_P
ClientSampleId :
PB150389BS

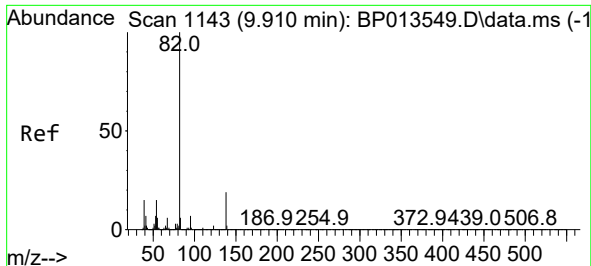
Tgt Ion: 82 Resp: 1791471
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 52.5 42.6 64.0



#24
Nitrobenzene
Concen: 47.876 ng
RT: 9.381 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 77 Resp: 929186
Ion Ratio Lower Upper
77 100
123 47.9 37.2 55.8
65 13.4 11.1 16.7

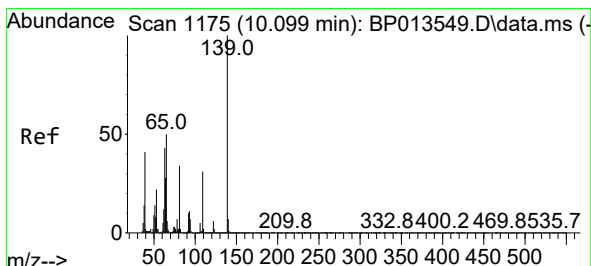
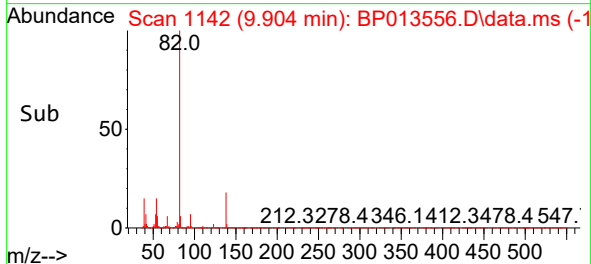
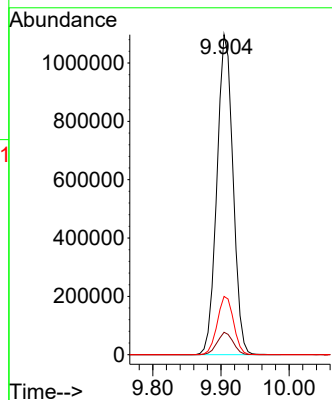
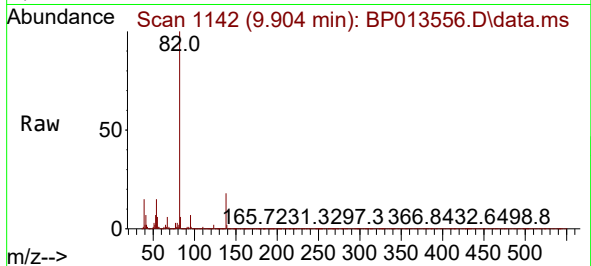




#25
Isophorone
Concen: 42.111 ng
RT: 9.904 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

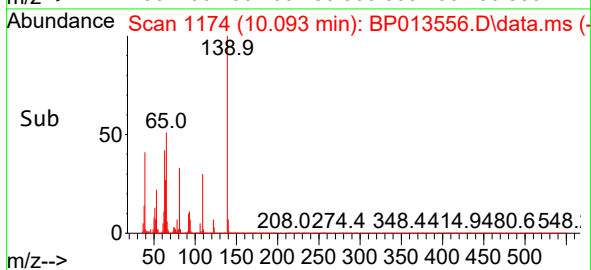
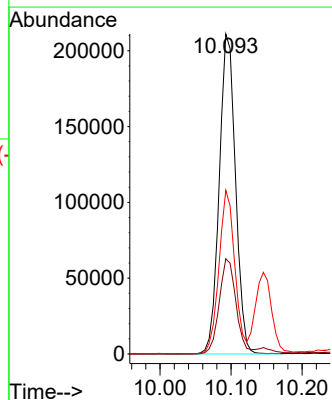
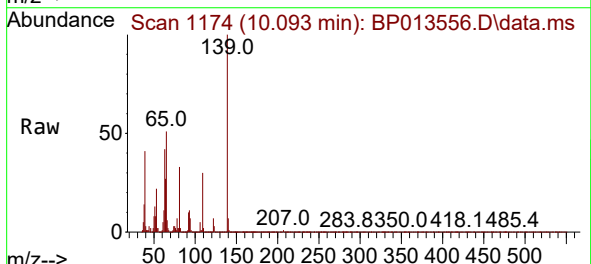
Instrument :
BNA_P
ClientSampleId :
PB150389BS

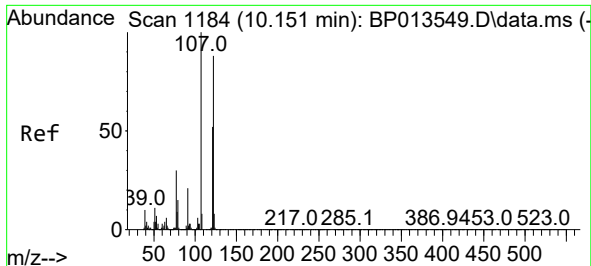
Tgt Ion: 82 Resp: 1803005
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 18.2 15.1 22.7



#26
2-Nitrophenol
Concen: 47.849 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 139 Resp: 334091
Ion Ratio Lower Upper
139 100
109 29.7 25.1 37.7
65 51.2 40.1 60.1

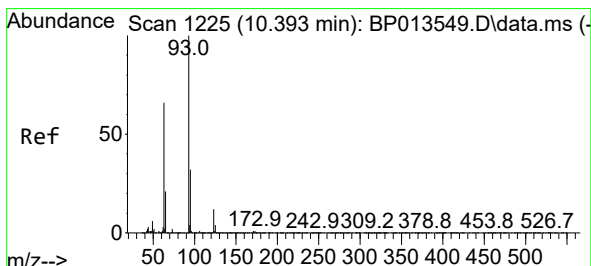
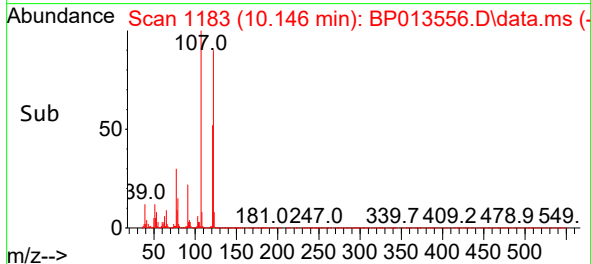
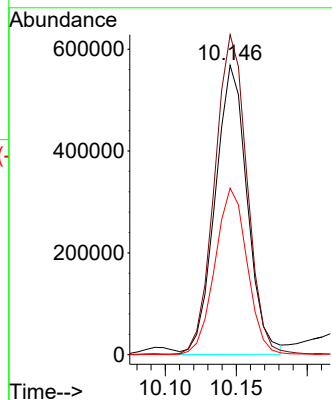
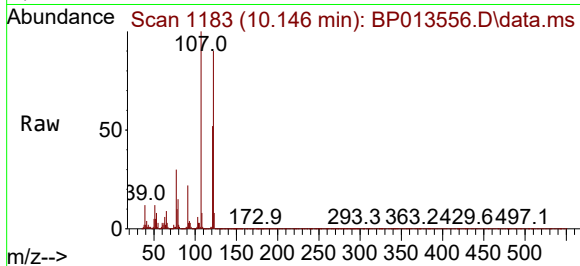




#27
2,4-Dimethylphenol
Concen: 48.224 ng
RT: 10.146 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

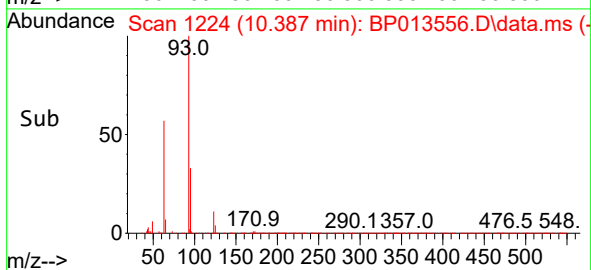
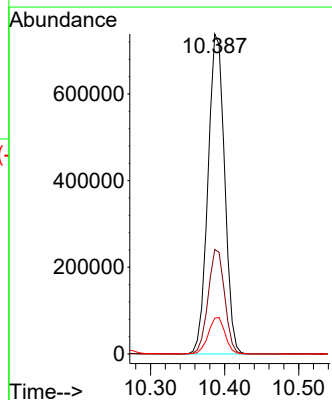
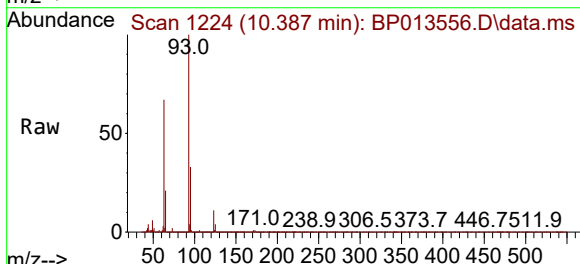
Instrument :
BNA_P
ClientSampleId :
PB150389BS

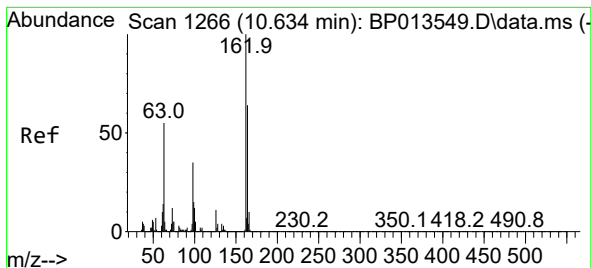
Tgt Ion:122 Resp: 891288
Ion Ratio Lower Upper
122 100
107 110.6 90.7 136.1
121 57.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.571 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 93 Resp: 1150010
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.288 ng

RT: 10.628 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

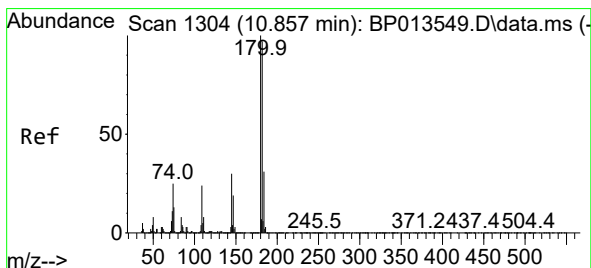
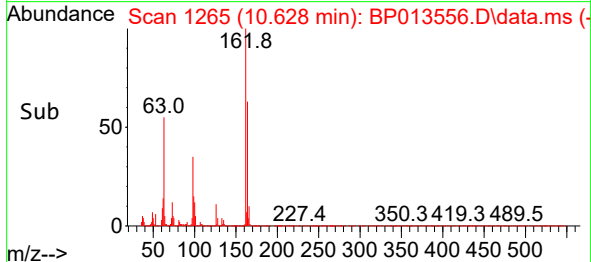
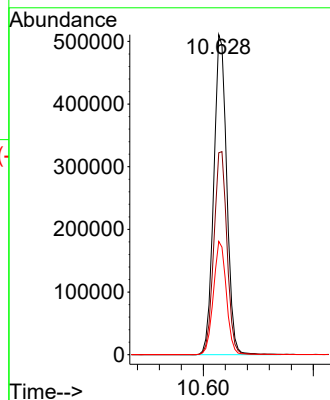
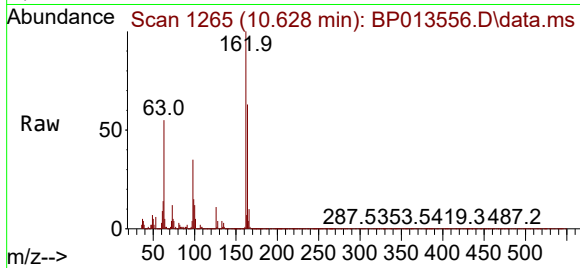
Tgt Ion:162 Resp: 837930

Ion Ratio Lower Upper

162 100

164 63.1 44.3 84.3

98 35.4 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 46.616 ng

RT: 10.851 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

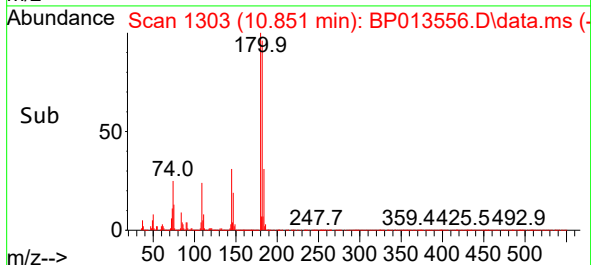
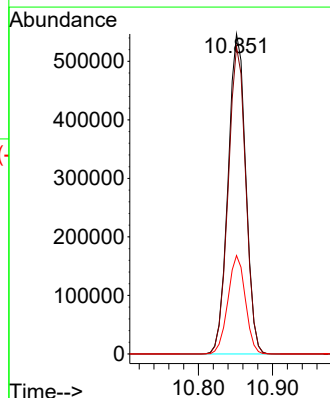
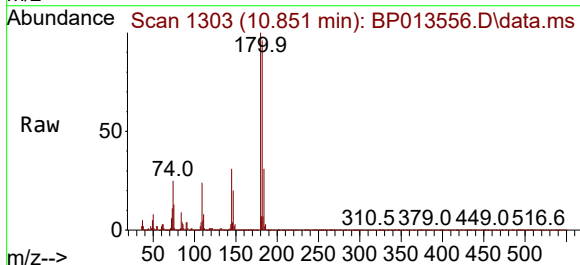
Tgt Ion:180 Resp: 904408

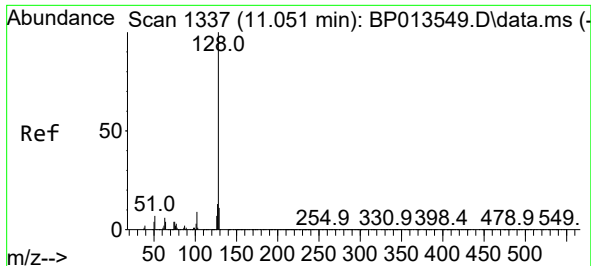
Ion Ratio Lower Upper

180 100

182 96.0 77.9 116.9

145 30.8 24.0 36.0

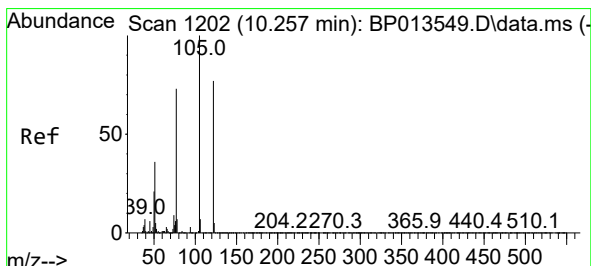
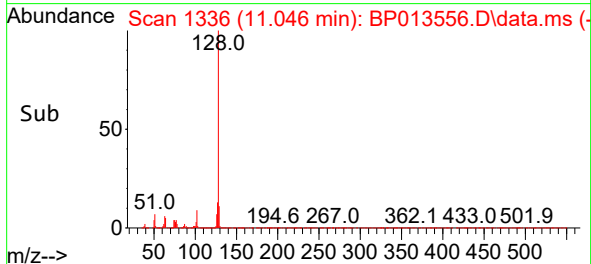
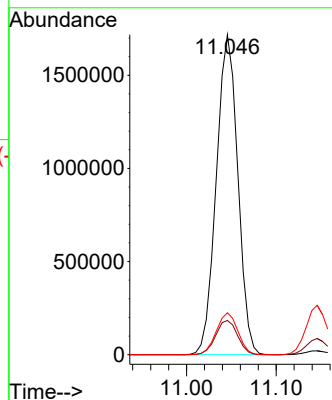
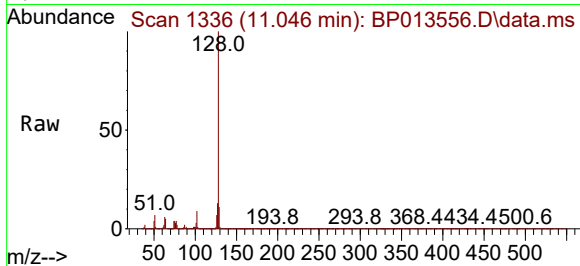




#31
Naphthalene
Concen: 44.577 ng
RT: 11.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

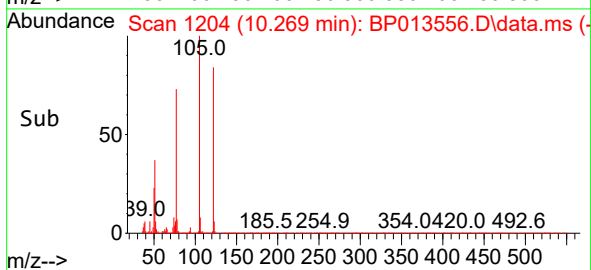
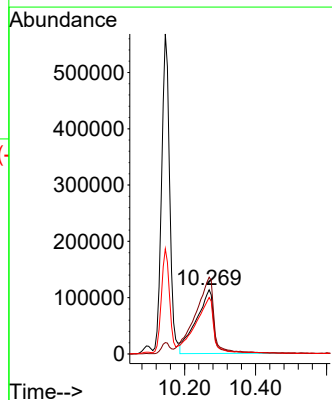
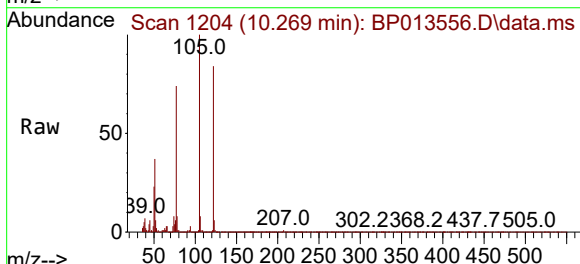
Instrument :
BNA_P
ClientSampleId :
PB150389BS

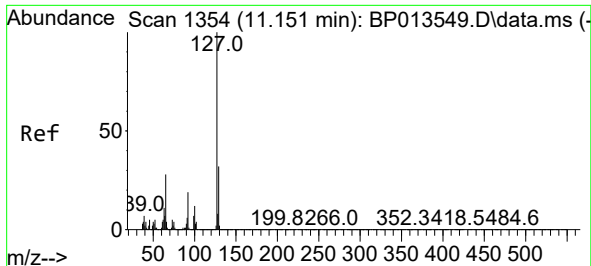
Tgt Ion:128 Resp: 2855801
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 46.083 ng
RT: 10.269 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:122 Resp: 398185
Ion Ratio Lower Upper
122 100
105 119.5 100.5 140.5
77 87.9 70.9 110.9

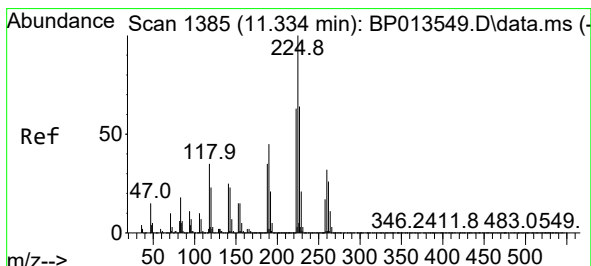
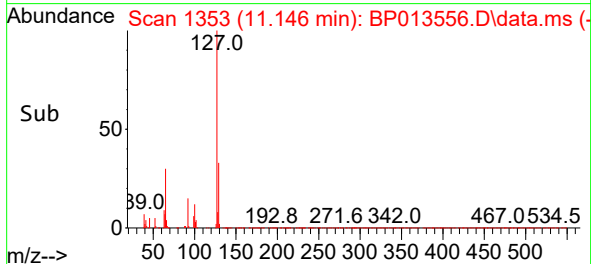
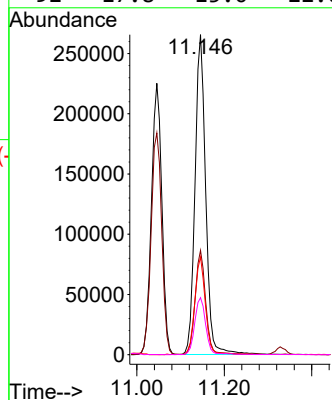
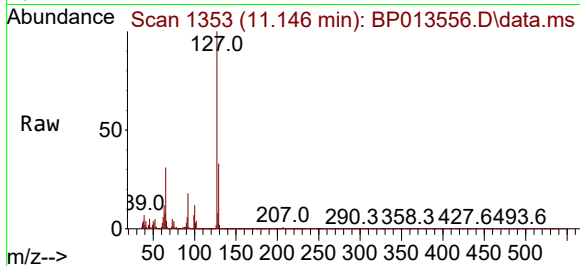




#33
4-Chloroaniline
Concen: 15.955 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

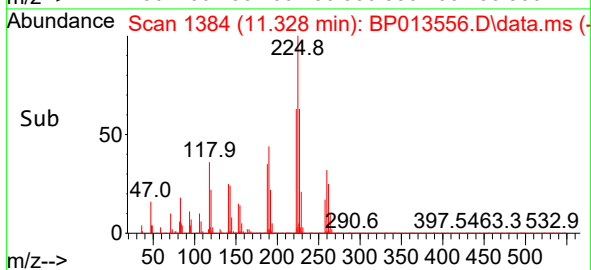
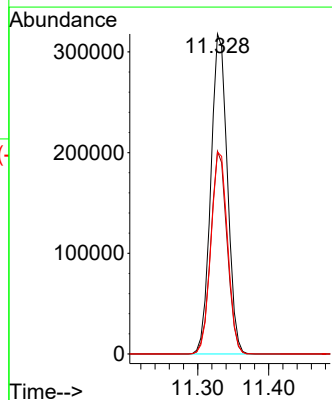
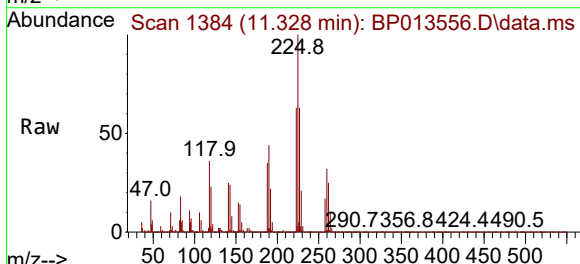
Instrument :
BNA_P
ClientSampleId :
PB150389BS

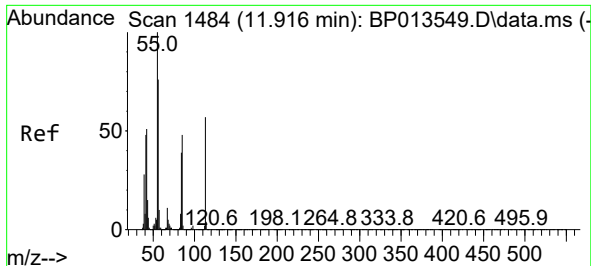
Tgt Ion:	127	Resp:	452286
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	30.6	22.7	34.1
92	17.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 45.377 ng
RT: 11.328 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:	225	Resp:	512319
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	63.1	51.4	77.2

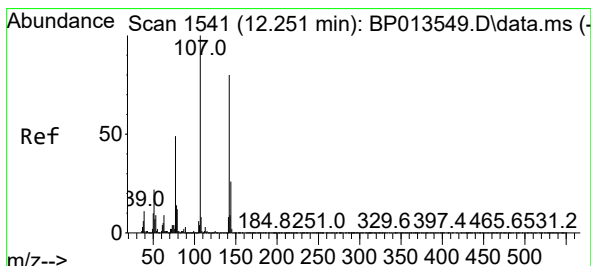
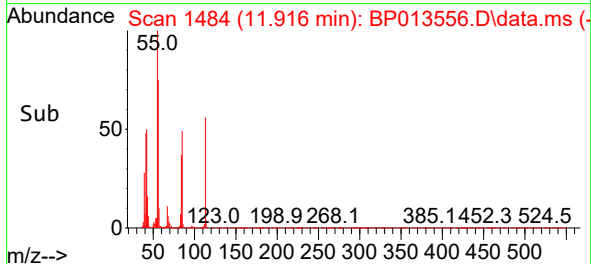
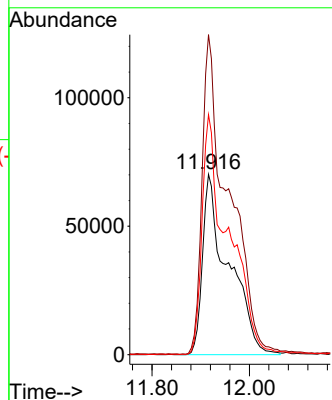
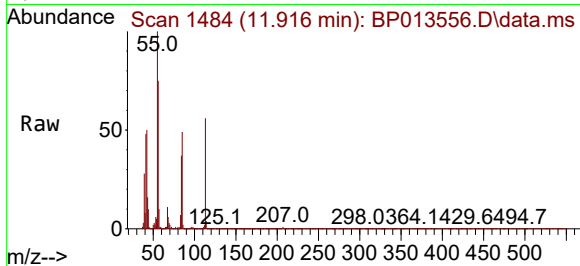




#35
Caprolactam
Concen: 46.805 ng
RT: 11.916 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

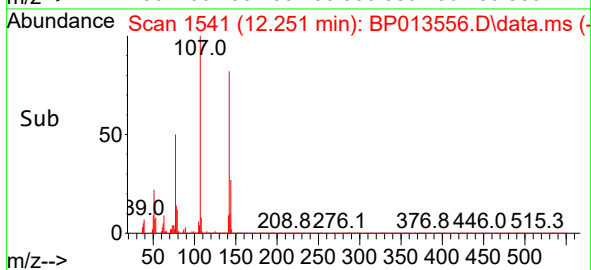
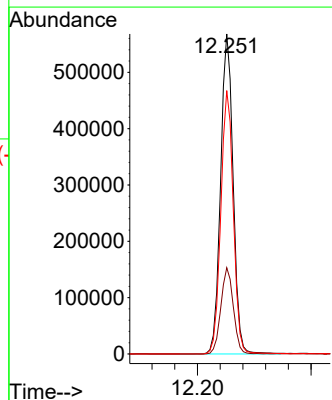
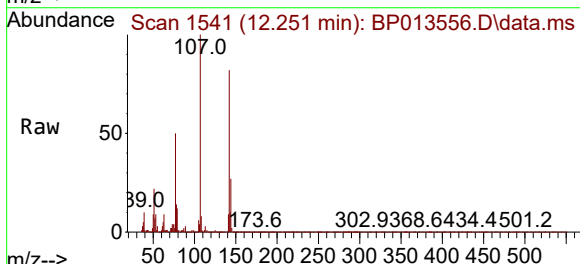
Instrument :
BNA_P
ClientSampleId :
PB150389BS

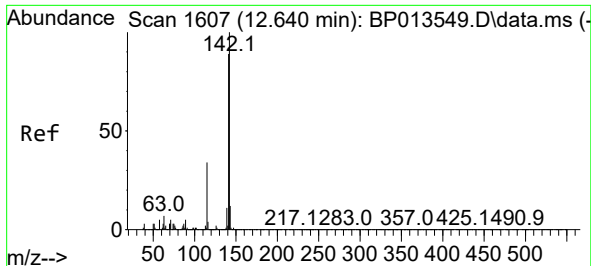
Tgt Ion:113 Resp: 257974
Ion Ratio Lower Upper
113 100
55 177.4 156.5 196.5
56 133.1 113.5 153.5



#36
4-Chloro-3-methylphenol
Concen: 46.980 ng
RT: 12.251 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:107 Resp: 869826
Ion Ratio Lower Upper
107 100
144 26.9 21.1 31.7
142 82.3 64.0 96.0

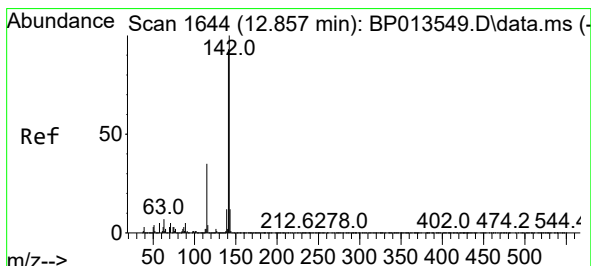
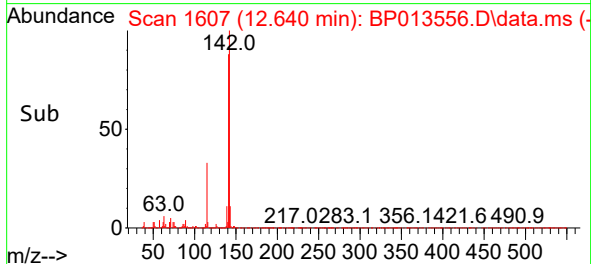
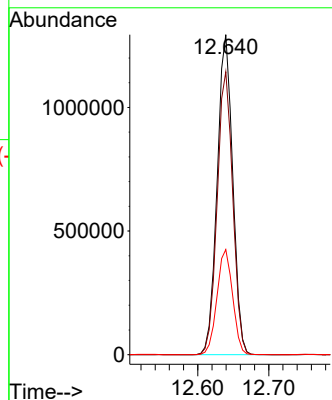
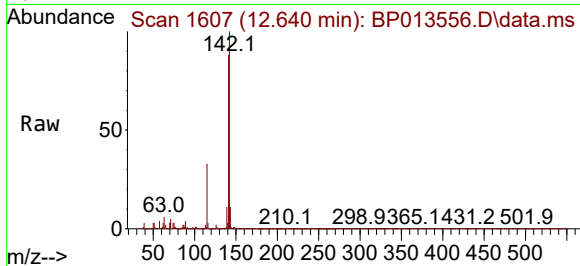




#37
2-Methylnaphthalene
Concen: 43.006 ng
RT: 12.640 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

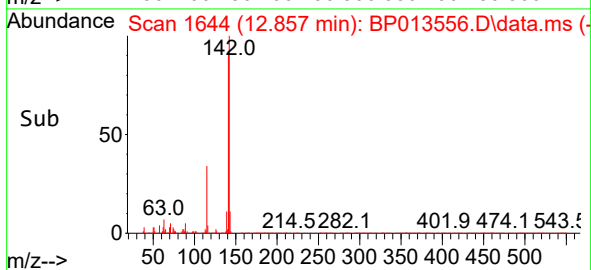
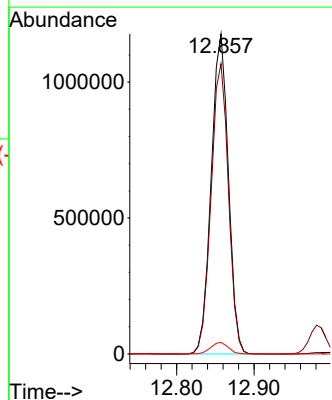
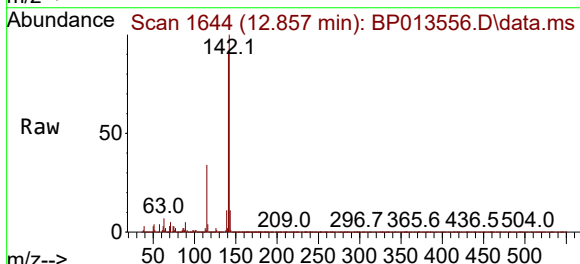
Instrument :
BNA_P
ClientSampleId :
PB150389BS

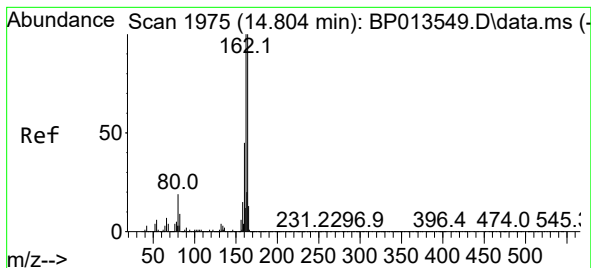
Tgt Ion:142 Resp: 1958377
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 32.9 27.4 41.2



#38
1-Methylnaphthalene
Concen: 42.252 ng
RT: 12.857 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:142 Resp: 1807946
Ion Ratio Lower Upper
142 100
141 90.7 74.3 111.5
116 3.6 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: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

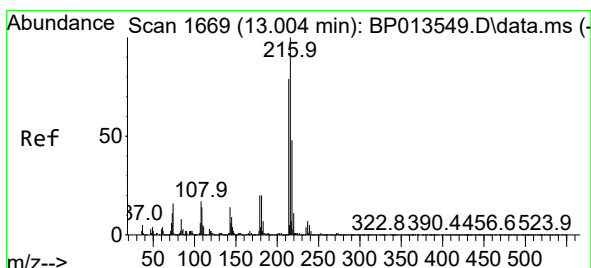
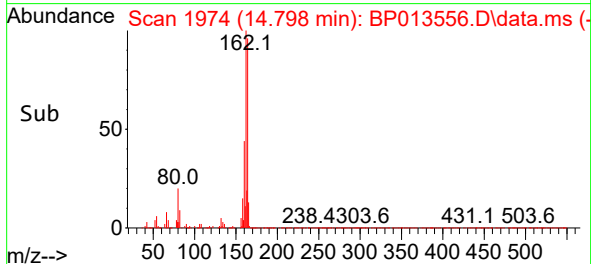
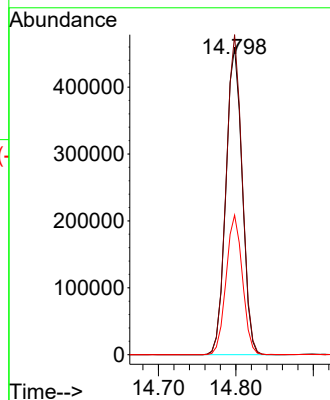
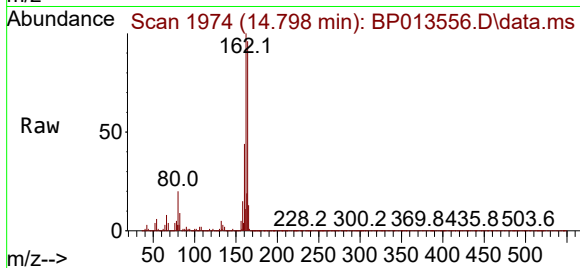
Tgt Ion:164 Resp: 670156

Ion Ratio Lower Upper

164 100

162 104.1 80.1 120.1

160 45.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.334 ng

RT: 12.998 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Tgt Ion:216 Resp: 955978

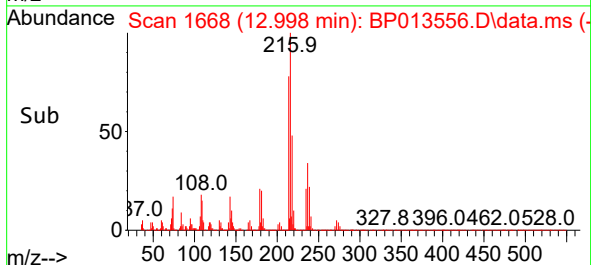
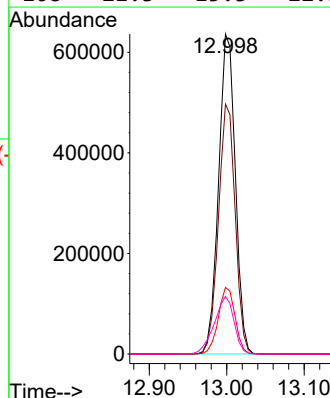
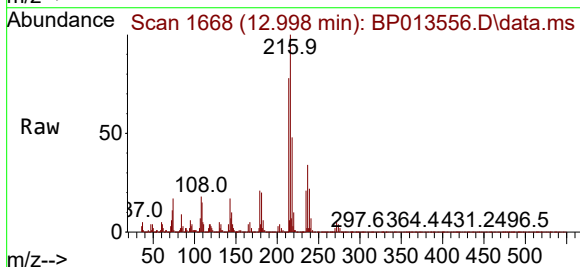
Ion Ratio Lower Upper

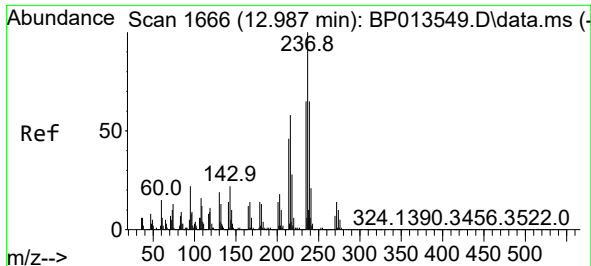
216 100

214 78.3 62.9 94.3

179 20.9 16.6 24.8

108 21.3 15.3 22.9

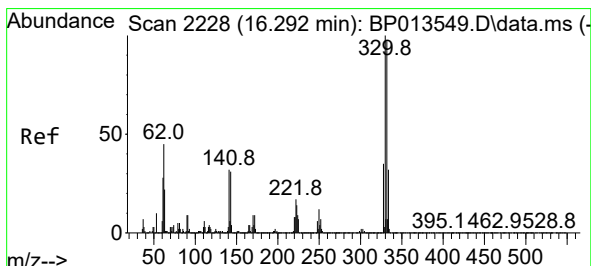
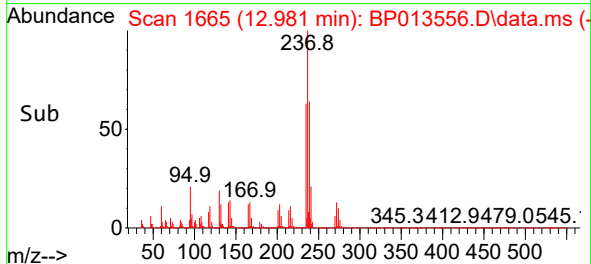
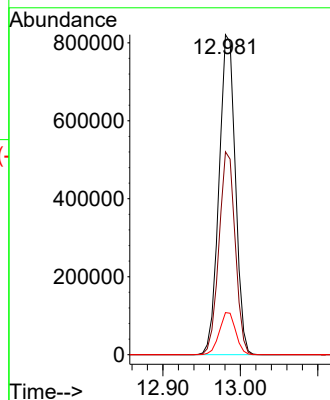
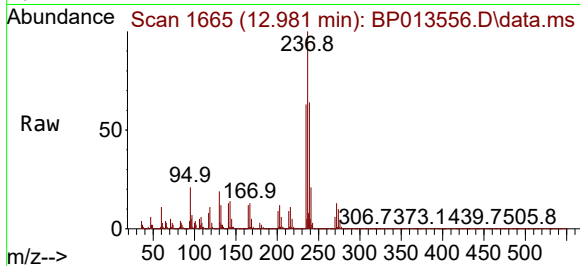




#41
Hexachlorocyclopentadiene
Concen: 109.639 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

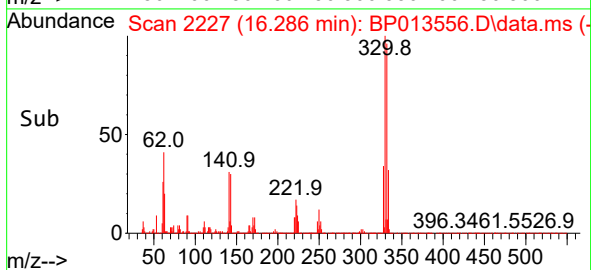
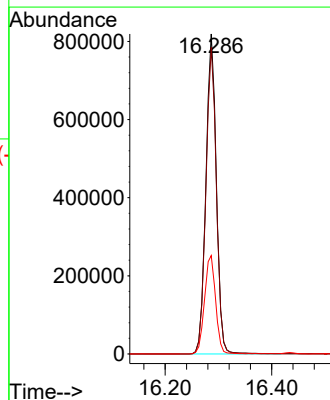
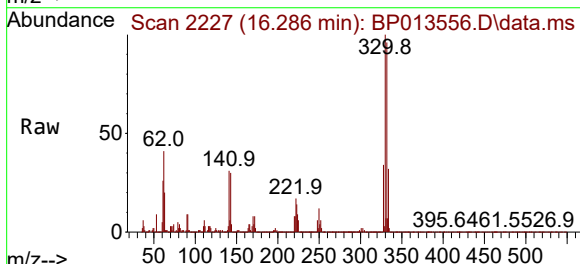
Instrument :
BNA_P
ClientSampleId :
PB150389BS

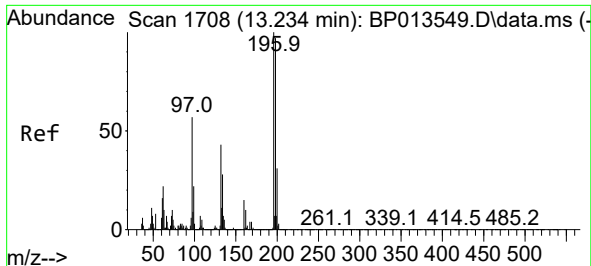
Tgt Ion:237 Resp: 1204037
Ion Ratio Lower Upper
237 100
235 63.4 44.6 84.6
272 13.2 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 165.648 ng
RT: 16.286 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:330 Resp: 1113477
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 32.6 27.6 41.4

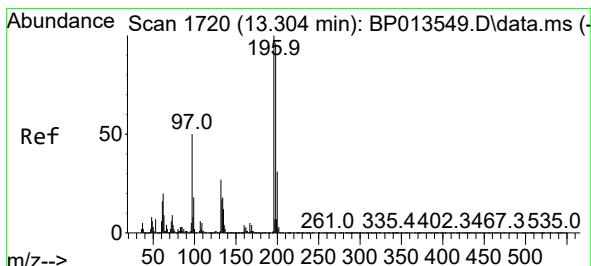
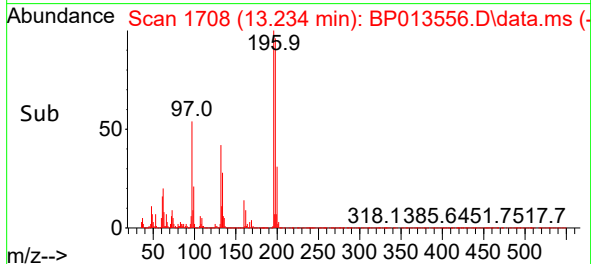
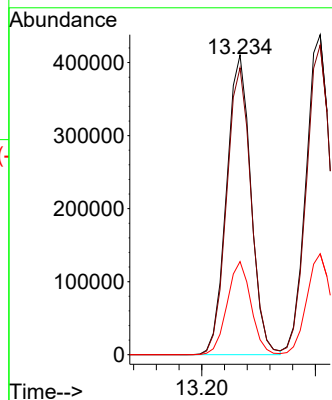
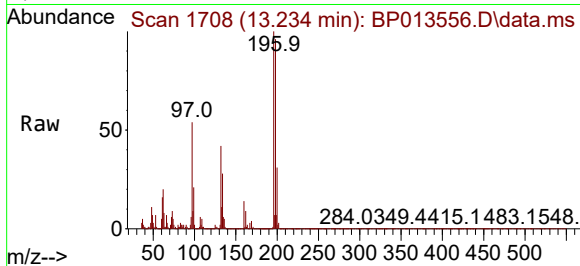




#43
2,4,6-Trichlorophenol
Concen: 50.532 ng
RT: 13.234 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

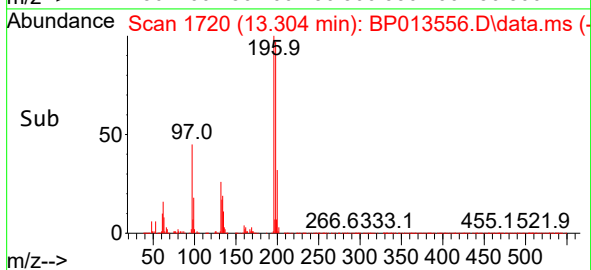
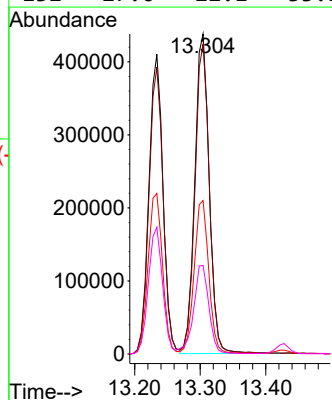
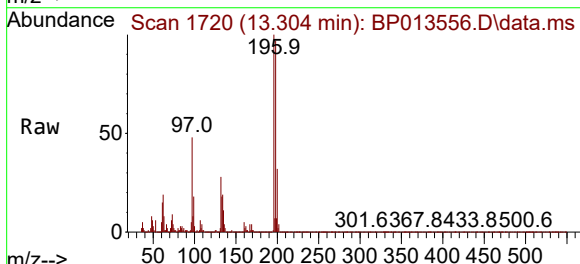
Instrument :
BNA_P
ClientSampleId :
PB150389BS

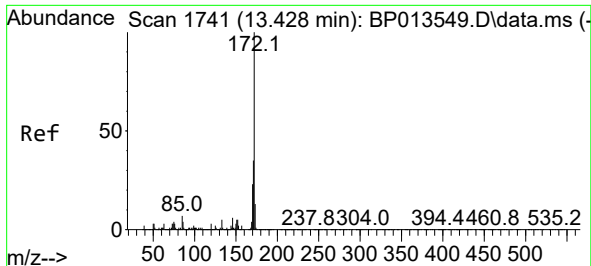
Tgt Ion:196 Resp: 610190
Ion Ratio Lower Upper
196 100
198 95.7 77.3 115.9
200 31.1 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 47.089 ng
RT: 13.304 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:196 Resp: 671916
Ion Ratio Lower Upper
196 100
198 96.8 76.7 115.1
97 47.9 40.0 60.0
132 27.6 22.1 33.1

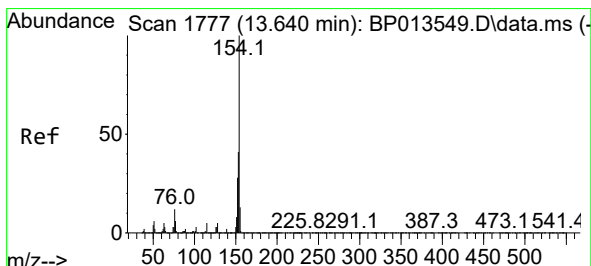
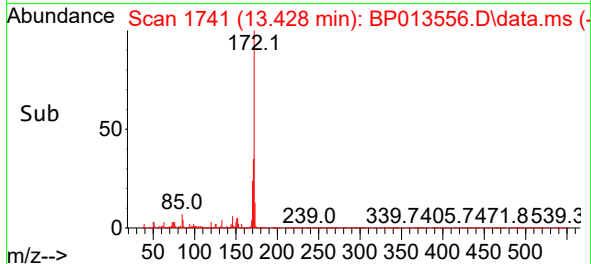
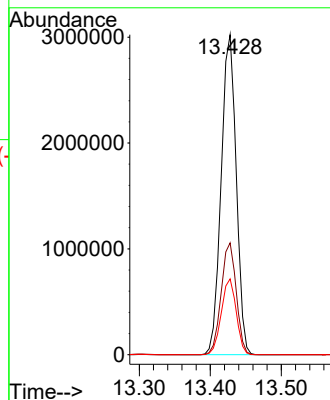
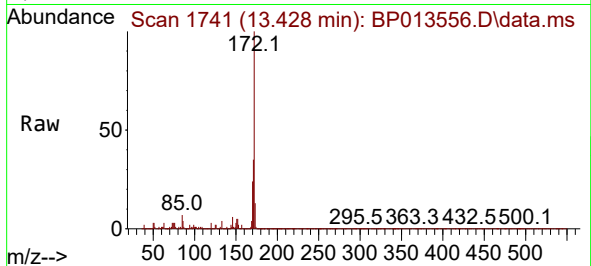




#45
2-Fluorobiphenyl
Concen: 90.801 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

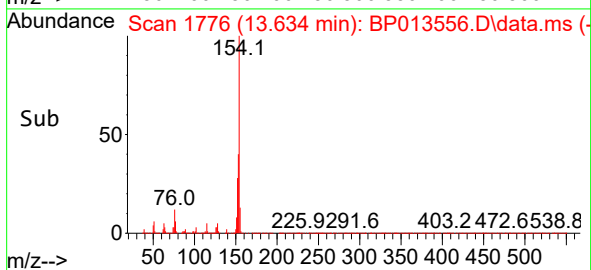
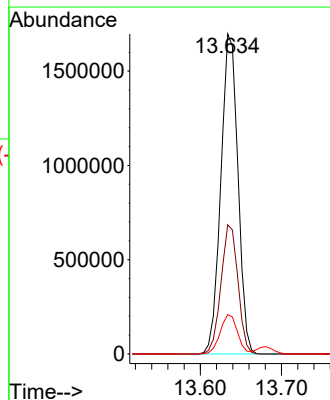
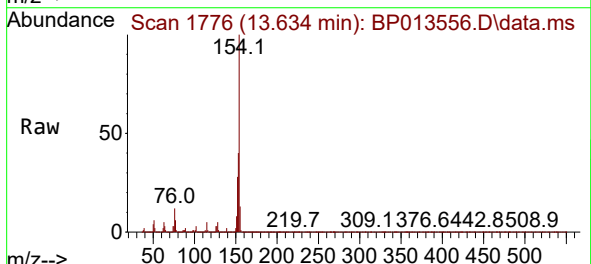
Instrument :
BNA_P
ClientSampleId :
PB150389BS

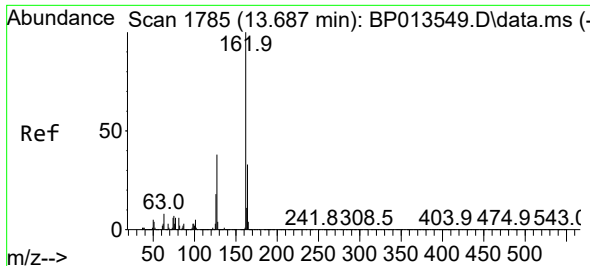
Tgt Ion:172 Resp: 4433068
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 46.164 ng
RT: 13.634 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:154 Resp: 2484571
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.3 0.0 32.1

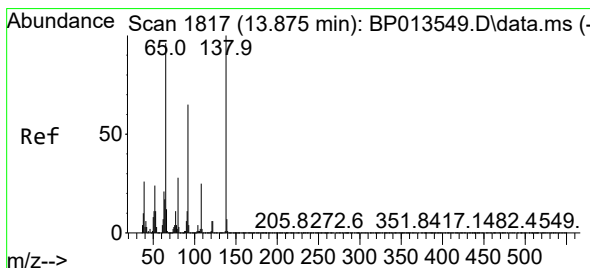
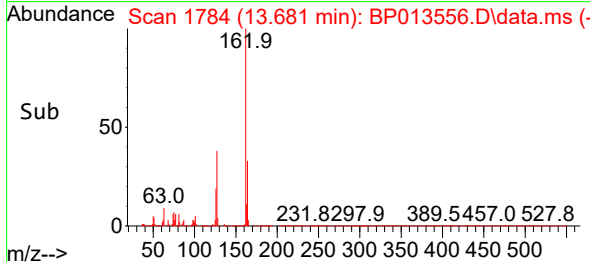
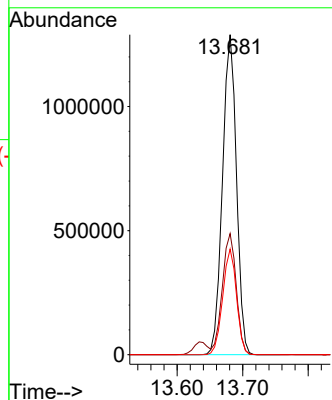
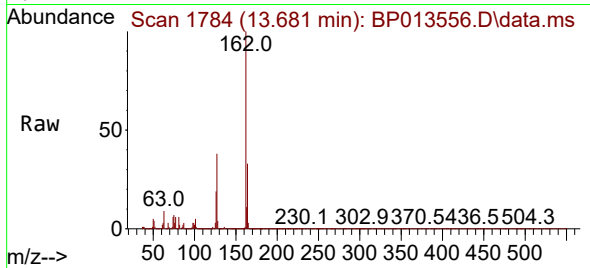




#47
2-Chloronaphthalene
Concen: 47.053 ng
RT: 13.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

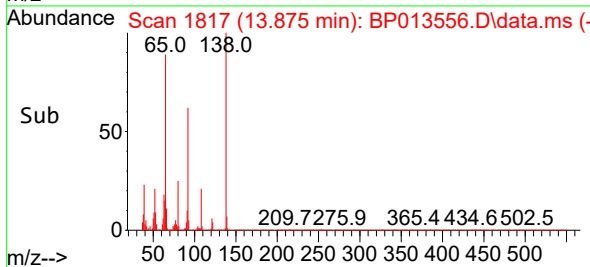
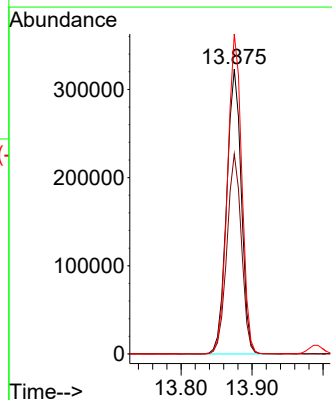
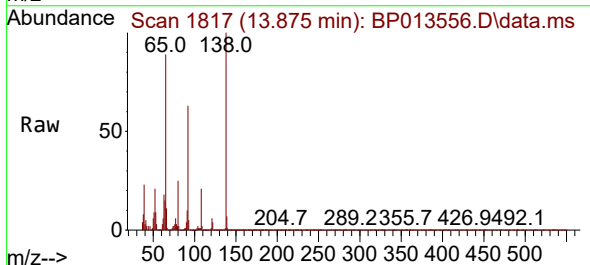
Instrument :
BNA_P
ClientSampleId :
PB150389BS

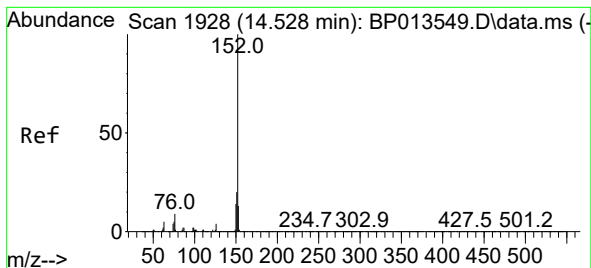
Tgt Ion:162 Resp: 1897220
Ion Ratio Lower Upper
162 100
127 37.8 30.8 46.2
164 33.0 26.2 39.2



#48
2-Nitroaniline
Concen: 46.199 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion: 65 Resp: 463132
Ion Ratio Lower Upper
65 100
92 70.2 54.1 81.1
138 112.3 83.6 125.4





#49

Acenaphthylene

Concen: 45.483 ng

RT: 14.522 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

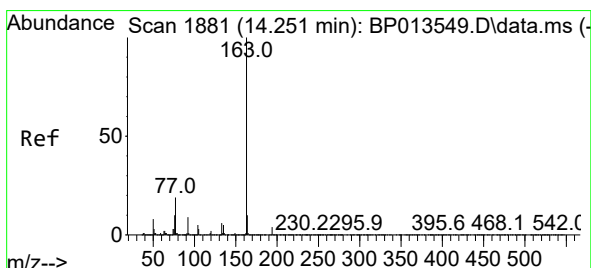
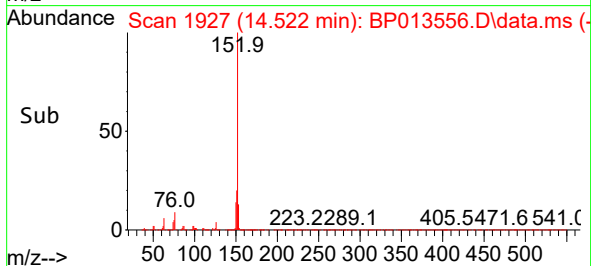
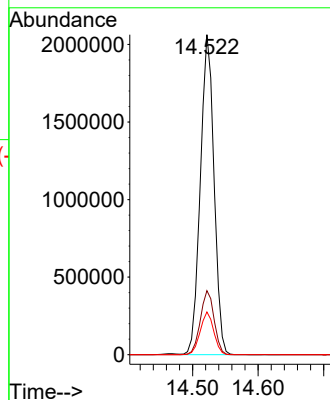
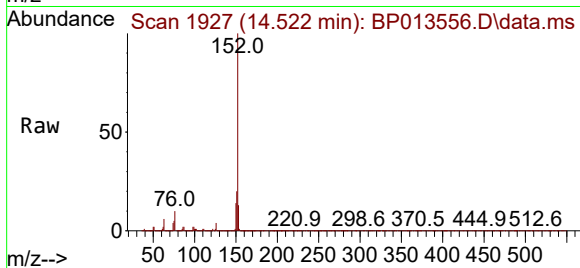
Tgt Ion:152 Resp: 2999133

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.4 10.1 15.1



#50

Dimethylphthalate

Concen: 45.848 ng

RT: 14.251 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

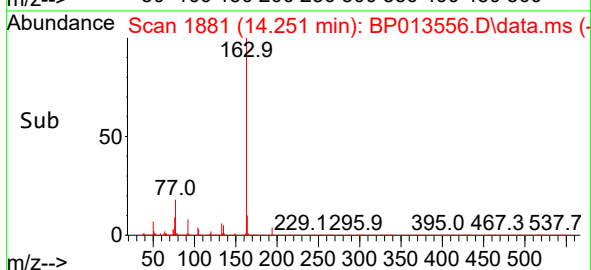
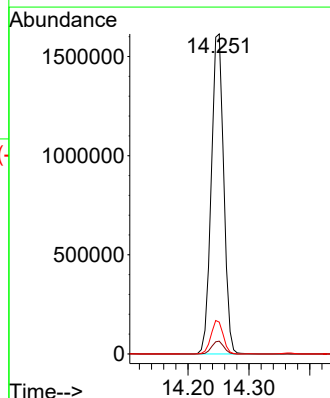
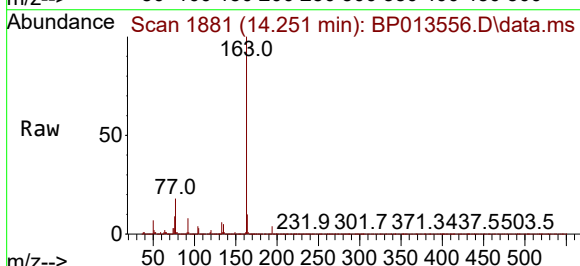
Tgt Ion:163 Resp: 2283959

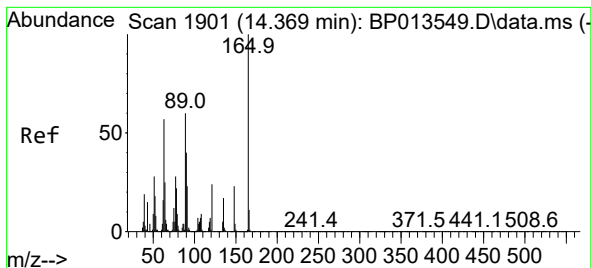
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.0 8.1 12.1

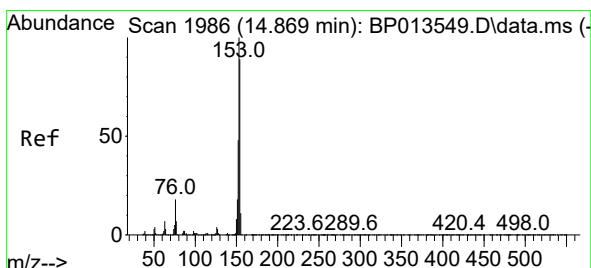
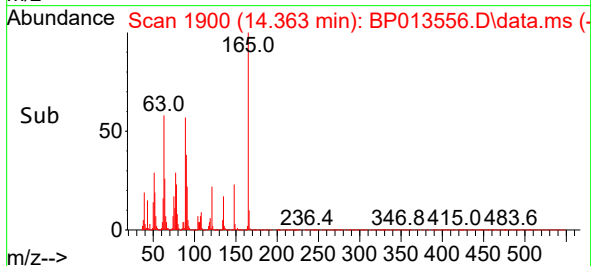
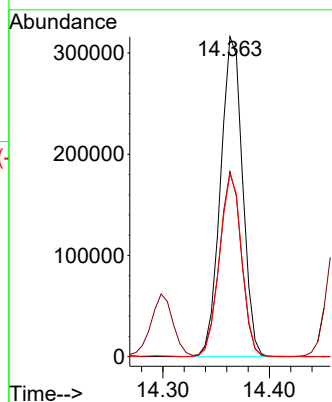
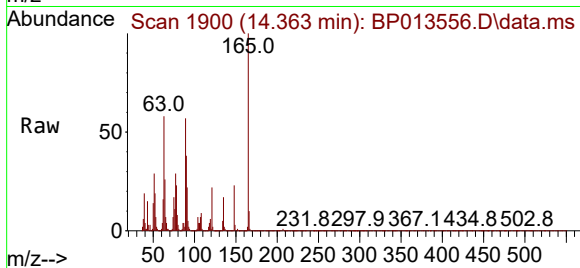




#51
2,6-Dinitrotoluene
Concen: 46.711 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

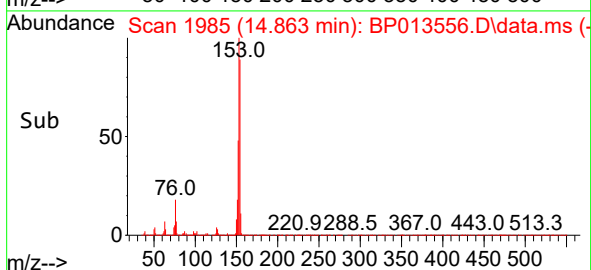
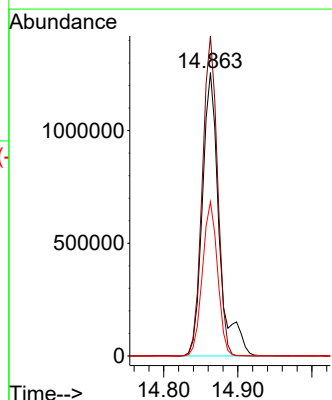
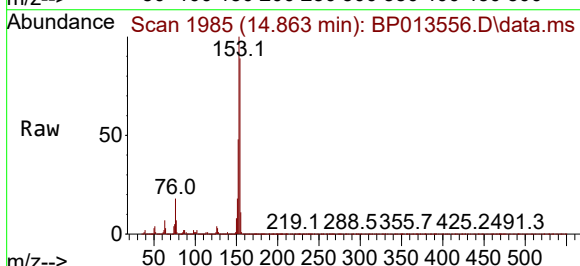
Instrument :
BNA_P
ClientSampleId :
PB150389BS

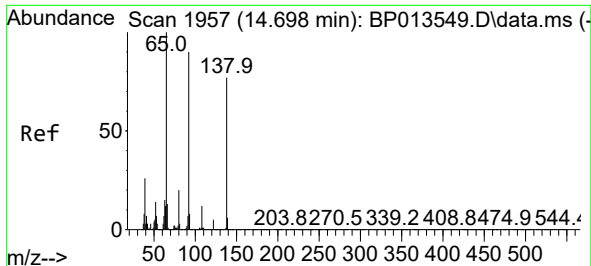
Tgt Ion:165 Resp: 453150
Ion Ratio Lower Upper
165 100
63 57.8 47.2 70.8
89 57.2 47.8 71.6



#52
Acenaphthene
Concen: 48.462 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:154 Resp: 1973989
Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.0
152 54.4 42.7 64.1

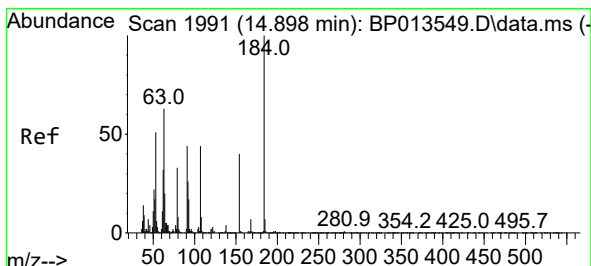
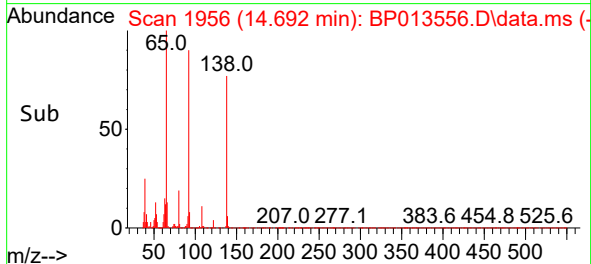
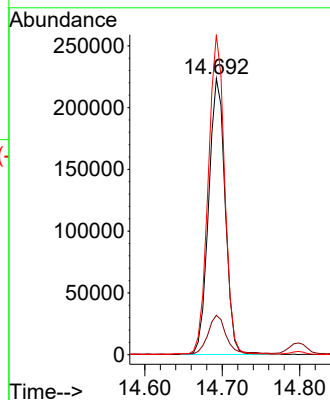
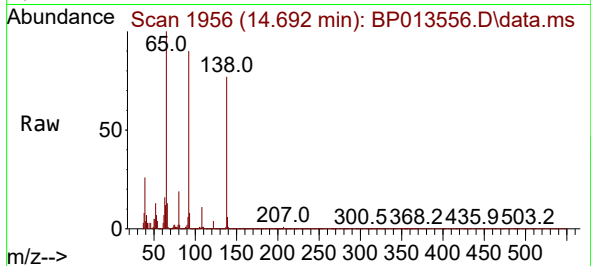




#53
3-Nitroaniline
Concen: 31.685 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

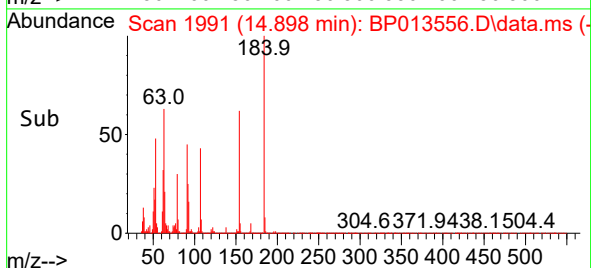
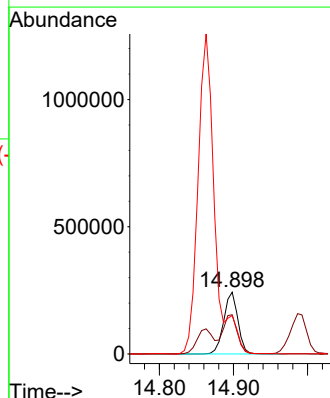
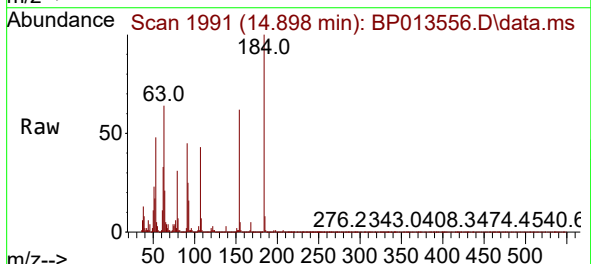
Instrument :
BNA_P
ClientSampleId :
PB150389BS

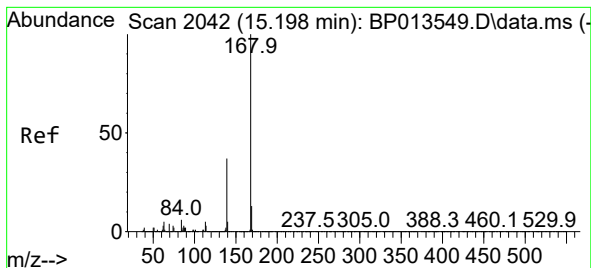
Tgt Ion:138 Resp: 329783
Ion Ratio Lower Upper
138 100
108 14.2 12.8 19.2
92 115.9 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 85.211 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:184 Resp: 322231
Ion Ratio Lower Upper
184 100
63 63.6 53.2 79.8
154 62.3 54.4 81.6





#55

Dibenzofuran

Concen: 44.988 ng

RT: 15.198 min Scan# 20

Delta R.T. -0.000 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

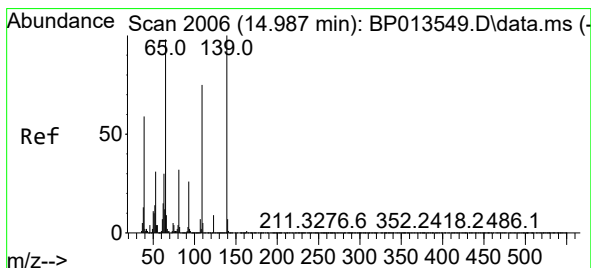
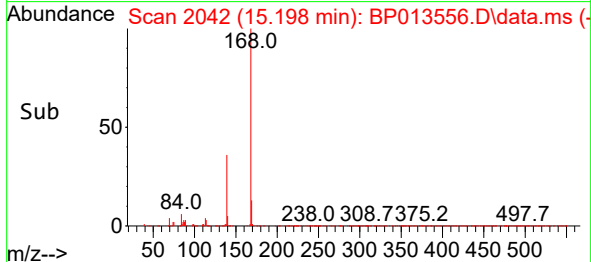
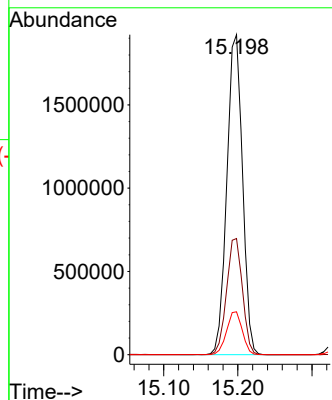
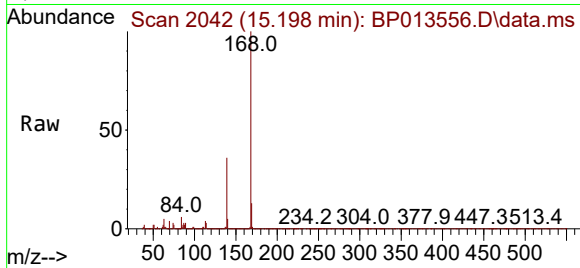
Tgt Ion:168 Resp: 2809948

Ion Ratio Lower Upper

168 100

139 36.3 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 100.972 ng

RT: 14.992 min Scan# 2007

Delta R.T. 0.005 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

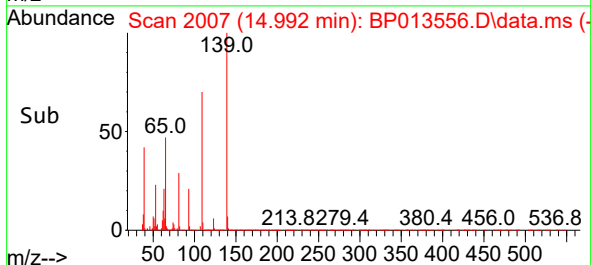
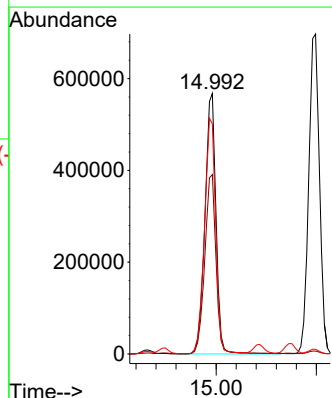
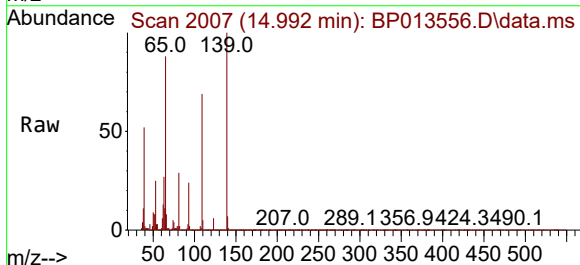
Tgt Ion:139 Resp: 864282

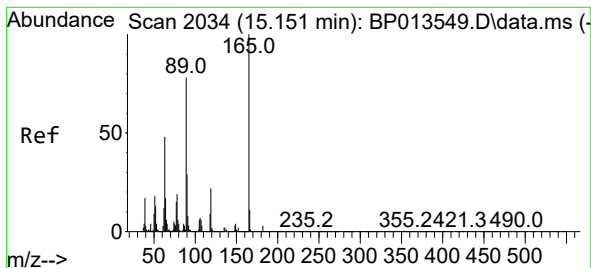
Ion Ratio Lower Upper

139 100

109 68.9 55.0 95.0

65 88.3 77.7 117.7

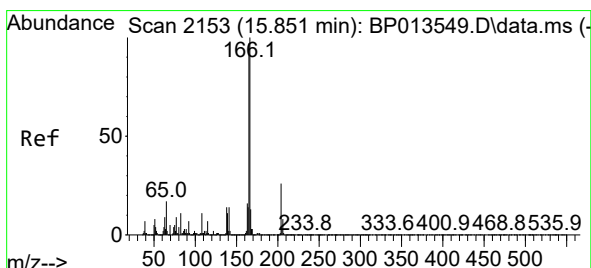
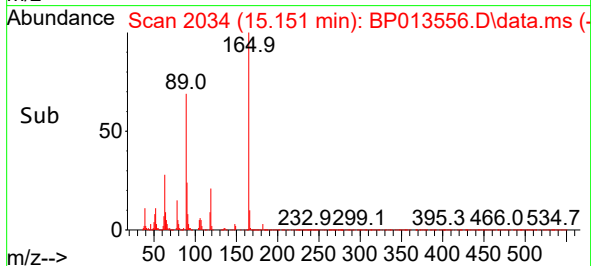
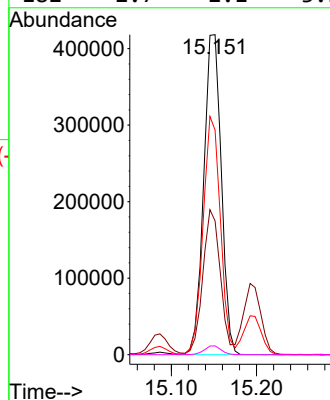
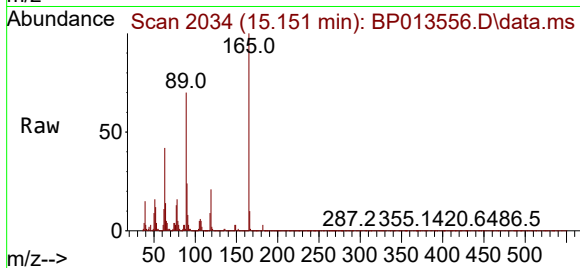




#57
2,4-Dinitrotoluene
Concen: 51.494 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

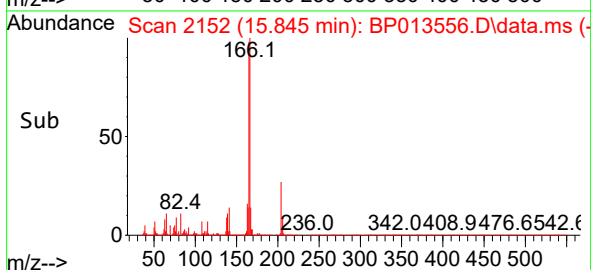
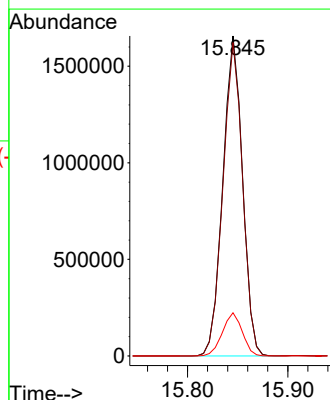
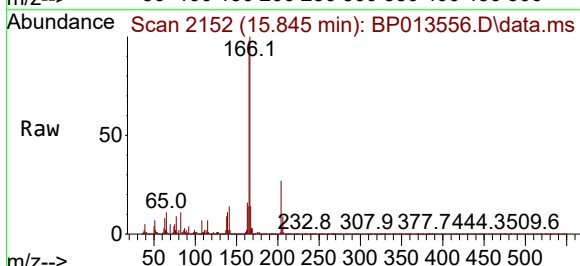
Instrument :
BNA_P
ClientSampleId :
PB150389BS

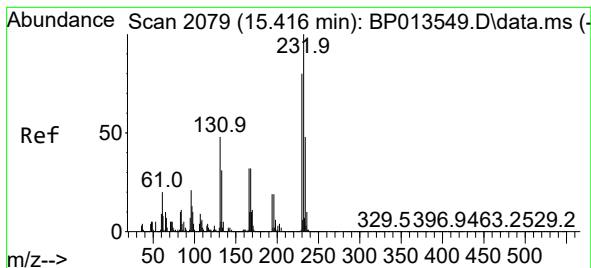
Tgt Ion:165 Resp: 599497
Ion Ratio Lower Upper
165 100
63 41.8 38.3 57.5
89 70.2 62.1 93.1
182 2.7 2.1 3.1



#58
Fluorene
Concen: 45.351 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:166 Resp: 2251402
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.5 10.7 16.1

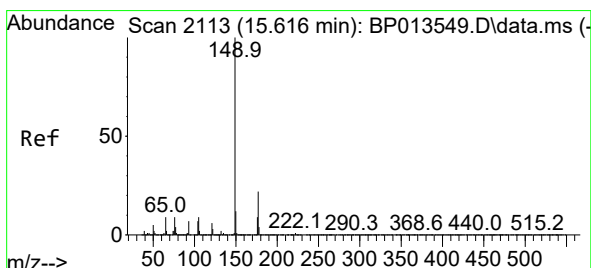
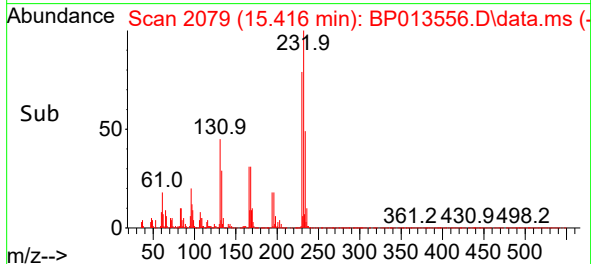
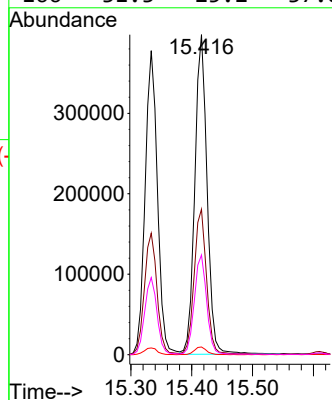
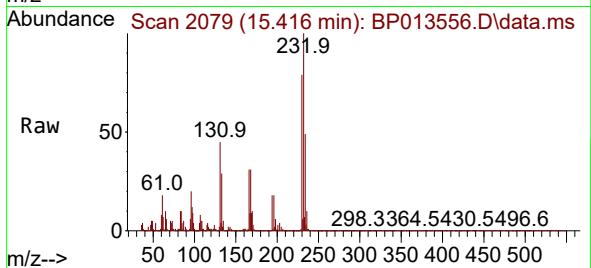




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.660 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

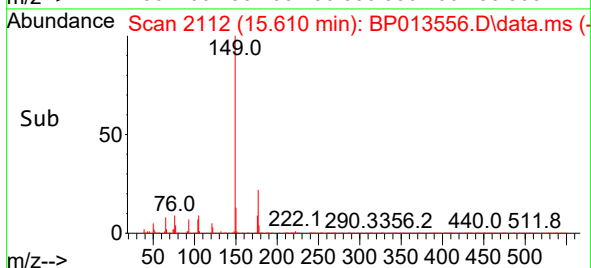
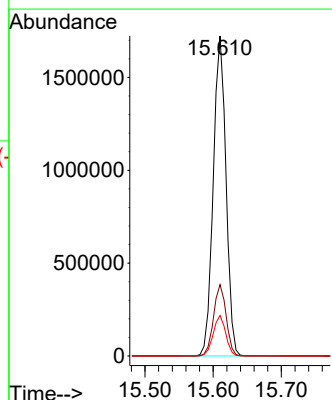
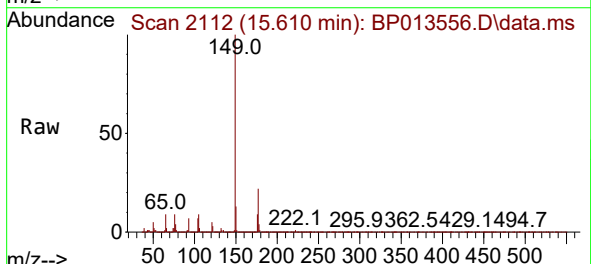
Instrument :
BNA_P
ClientSampleId :
PB150389BS

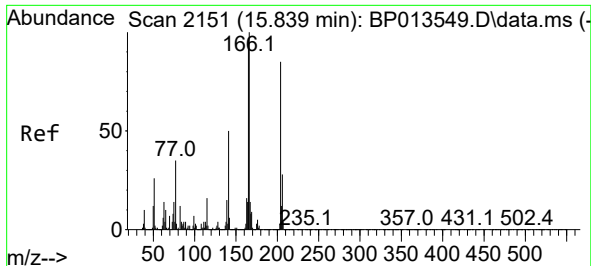
Tgt Ion:232 Resp: 555057
Ion Ratio Lower Upper
232 100
131 45.8 37.1 55.7
130 2.4 1.9 2.9
166 31.3 25.2 37.8



#60
Diethylphthalate
Concen: 46.048 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:149 Resp: 2240464
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.7 9.8 14.6

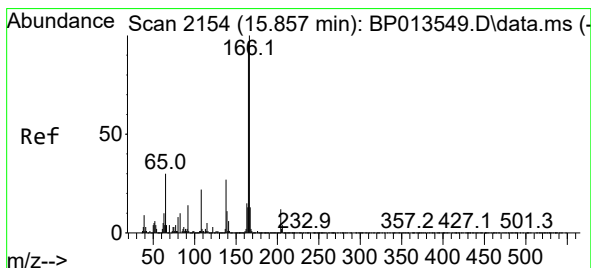
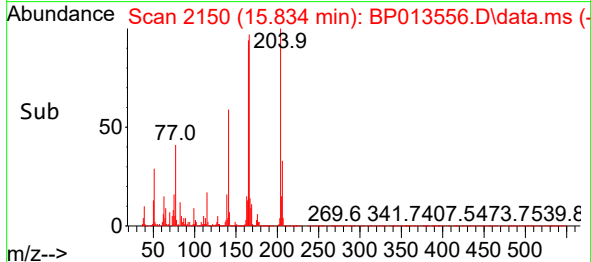
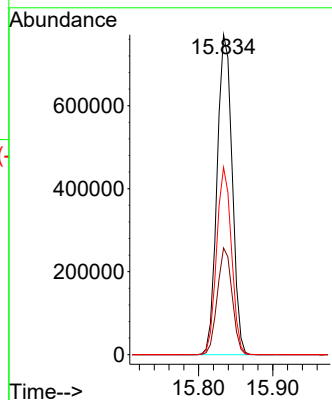
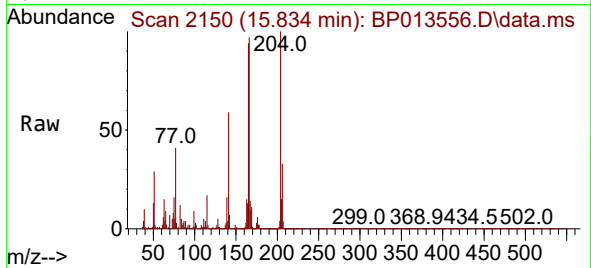




#61
4-Chlorophenyl-phenylether
Concen: 44.604 ng
RT: 15.834 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

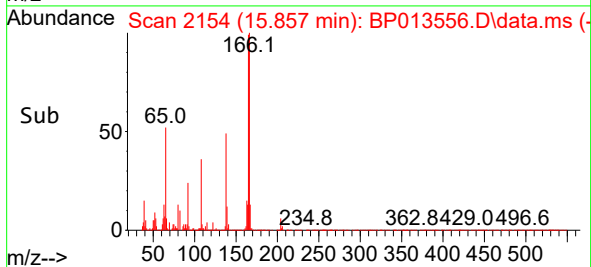
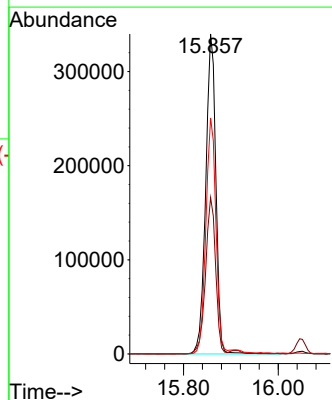
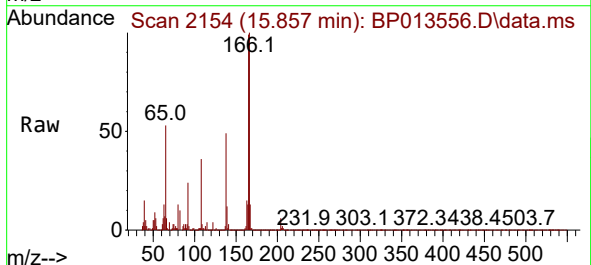
Instrument :
BNA_P
ClientSampleId :
PB150389BS

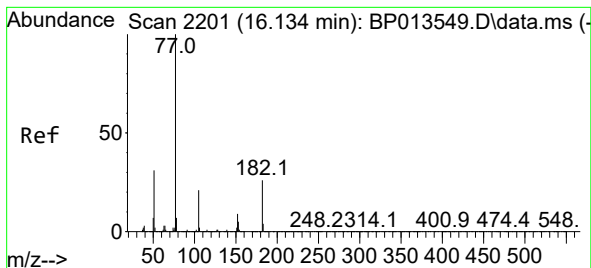
Tgt Ion:204 Resp: 1088813
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 58.5 47.0 70.4



#62
4-Nitroaniline
Concen: 47.506 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:138 Resp: 505333
Ion Ratio Lower Upper
138 100
92 48.9 32.3 72.3
108 73.8 59.2 99.2





#63

Azobenzene

Concen: 44.649 ng

RT: 16.128 min Scan# 2110934

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

Tgt Ion: 77 Resp: 2110934

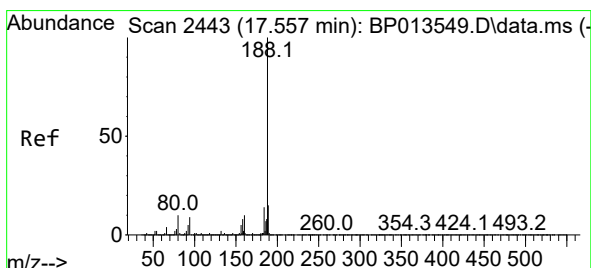
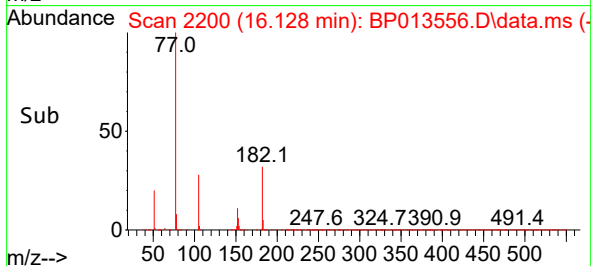
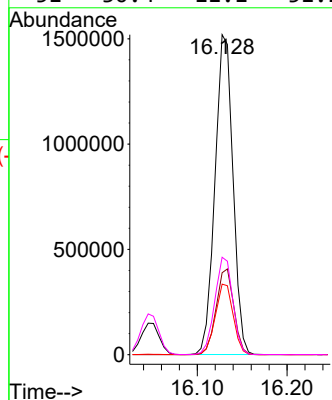
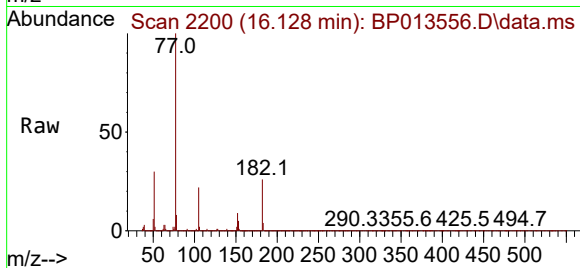
Ion Ratio Lower Upper

77 100

182 25.6 5.5 45.5

105 22.1 1.4 41.4

51 30.4 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: BP013556.D

Acq: 23 Jan 2023 20:22

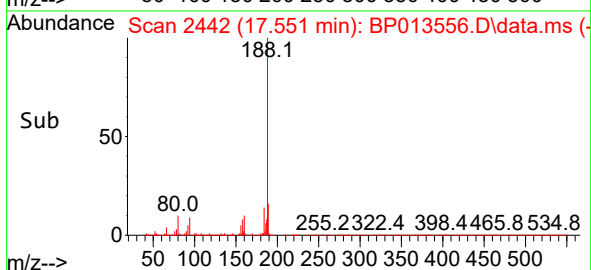
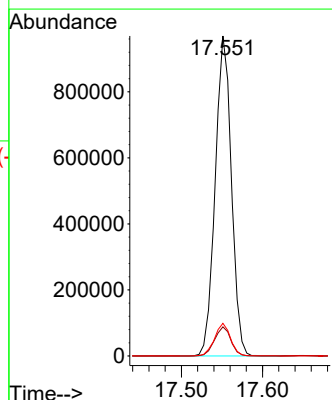
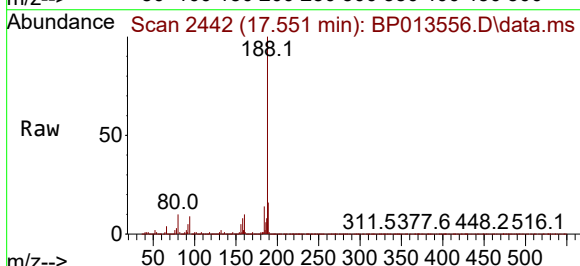
Tgt Ion:188 Resp: 1343609

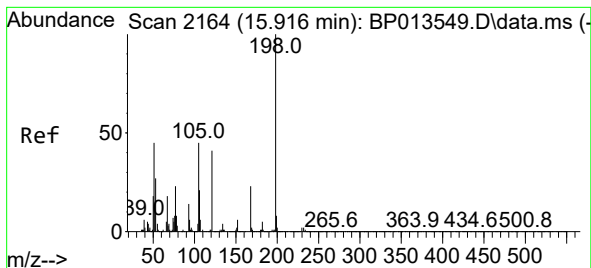
Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 10.2 8.2 12.2

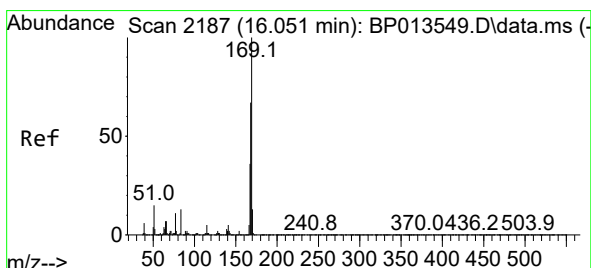
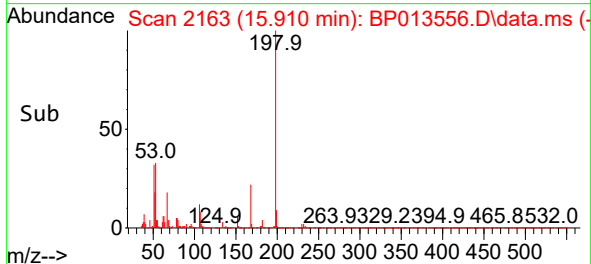
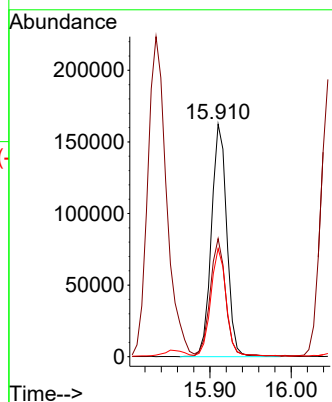
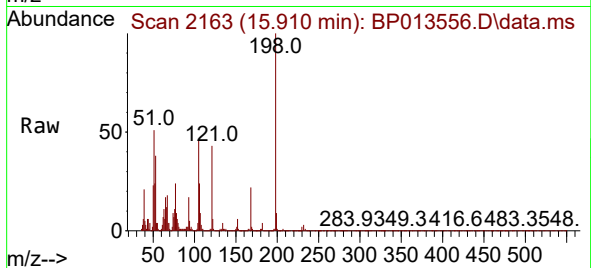




#65
4,6-Dinitro-2-methylphenol
Concen: 49.769 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

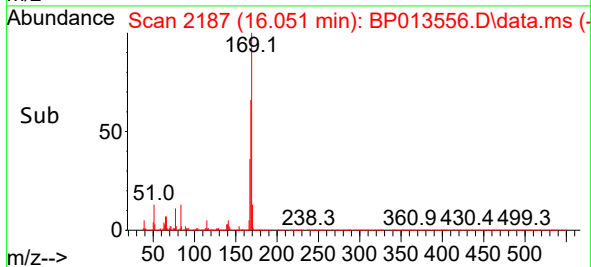
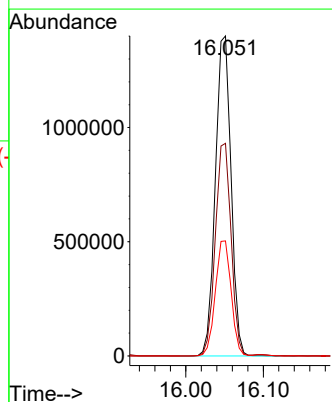
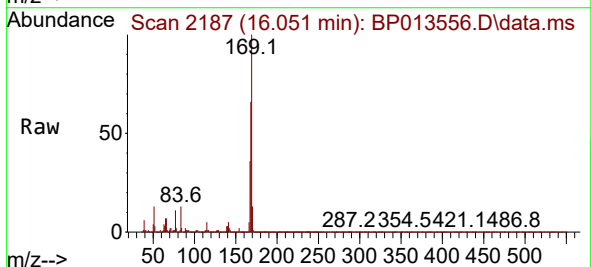
Instrument :
BNA_P
ClientSampleId :
PB150389BS

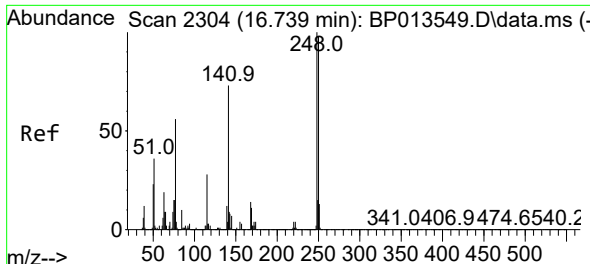
Tgt Ion:198 Resp: 212577
Ion Ratio Lower Upper
198 100
51 50.8 30.4 70.4
105 46.5 26.4 66.4



#66
n-Nitrosodiphenylamine
Concen: 44.823 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:169 Resp: 1963987
Ion Ratio Lower Upper
169 100
168 66.4 54.0 81.0
167 36.0 29.0 43.6

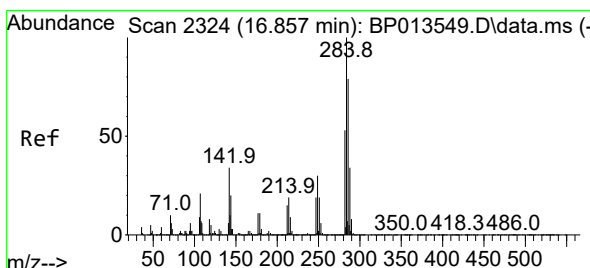
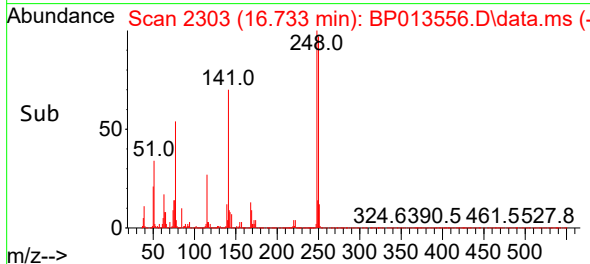
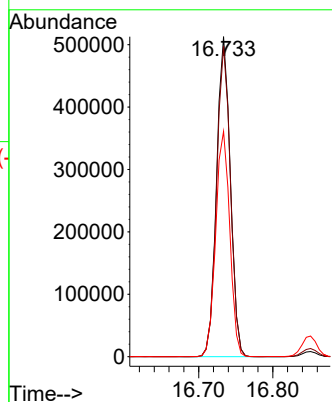
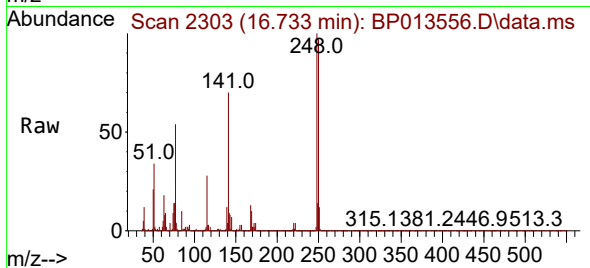




#67
4-Bromophenyl-phenylether
Concen: 44.489 ng
RT: 16.733 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

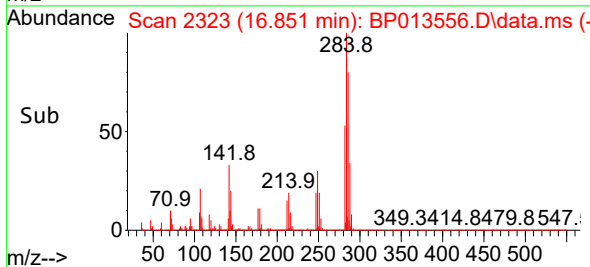
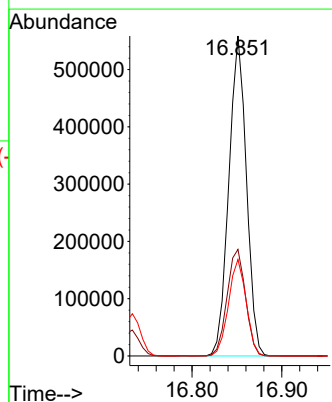
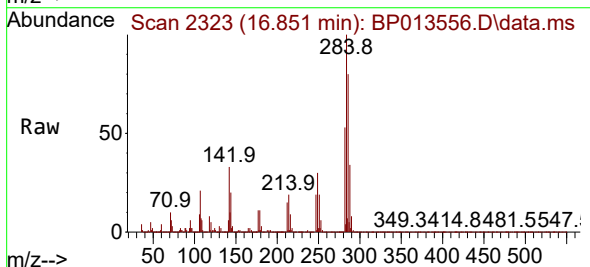
Instrument :
BNA_P
ClientSampleId :
PB150389BS

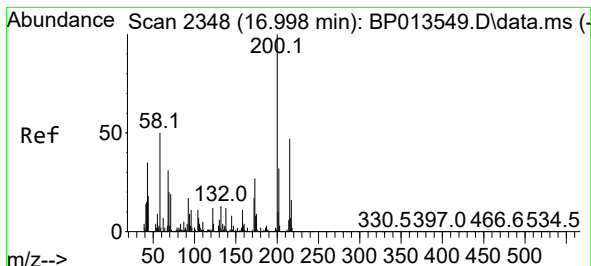
Tgt Ion:248 Resp: 662137
Ion Ratio Lower Upper
248 100
250 97.1 78.1 117.1
141 70.4 58.1 87.1



#68
Hexachlorobenzene
Concen: 47.246 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BP013556.D
Acq: 23 Jan 2023 20:22

Tgt Ion:284 Resp: 759534
Ion Ratio Lower Upper
284 100
142 33.3 27.3 40.9
249 30.1 24.0 36.0





#69

Atrazine

Concen: 51.058 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

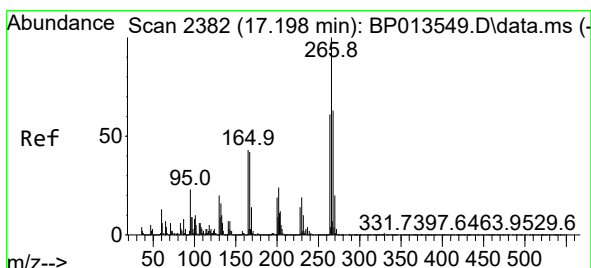
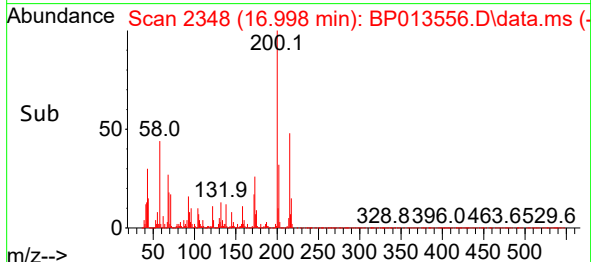
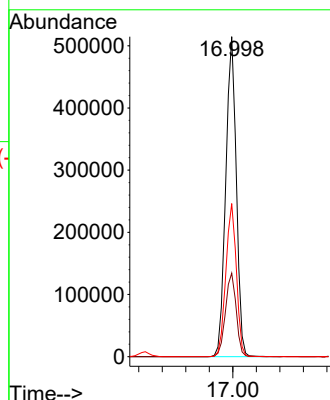
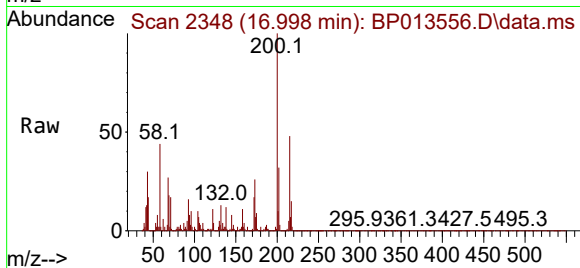
Tgt Ion:200 Resp: 640106

Ion Ratio Lower Upper

200 100

173 26.1 7.2 47.2

215 47.8 27.3 67.3



#70

Pentachlorophenol

Concen: 80.587 ng

RT: 17.192 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

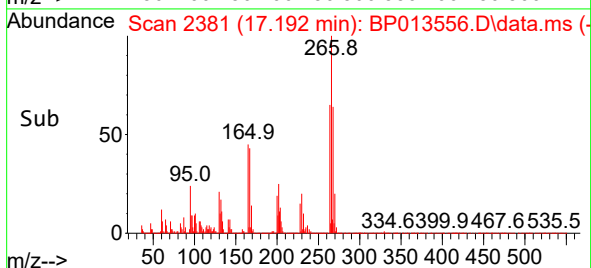
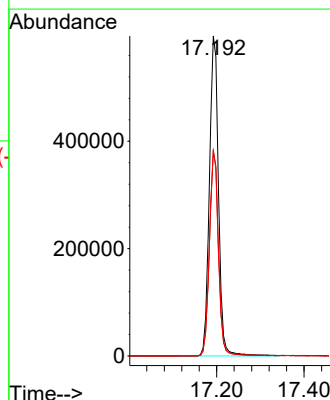
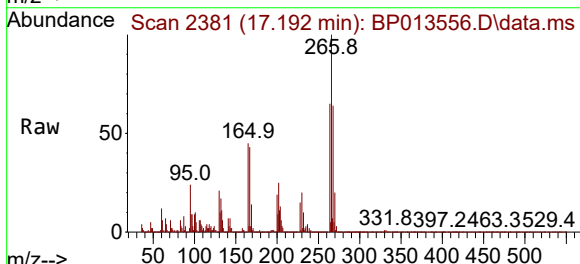
Tgt Ion:266 Resp: 865115

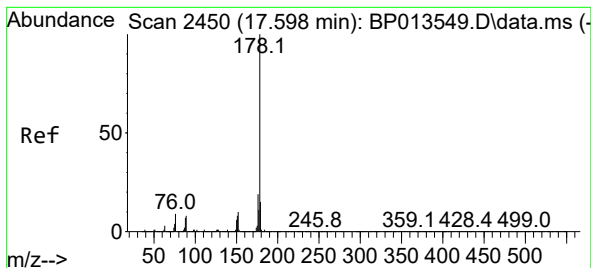
Ion Ratio Lower Upper

266 100

268 63.9 50.7 76.1

264 64.5 48.9 73.3





#71

Phenanthrene

Concen: 45.911 ng

RT: 17.598 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

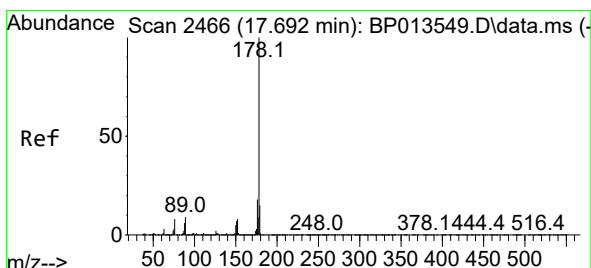
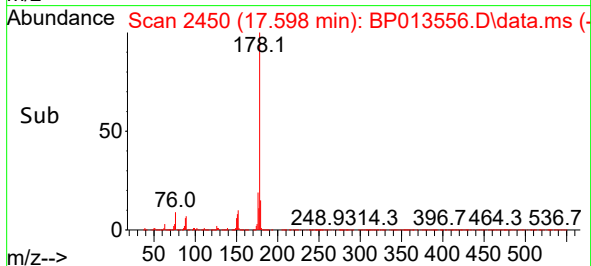
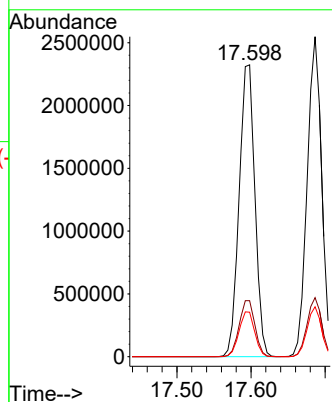
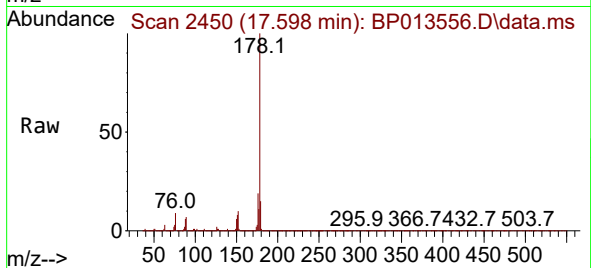
Tgt Ion:178 Resp: 3432165

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.747 ng

RT: 17.686 min Scan# 2465

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

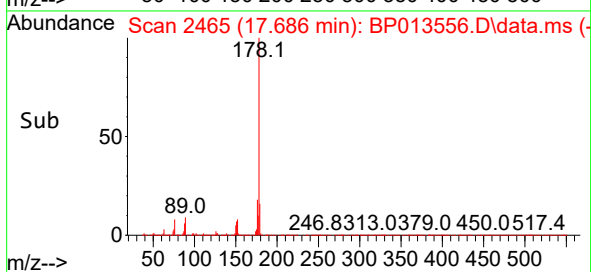
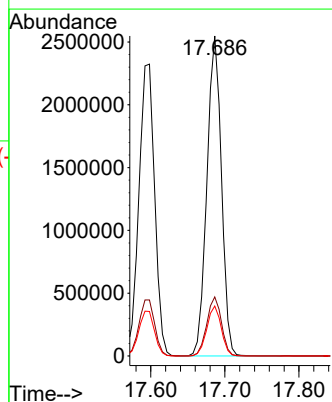
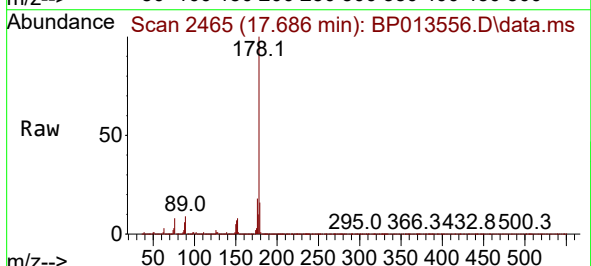
Tgt Ion:178 Resp: 3470975

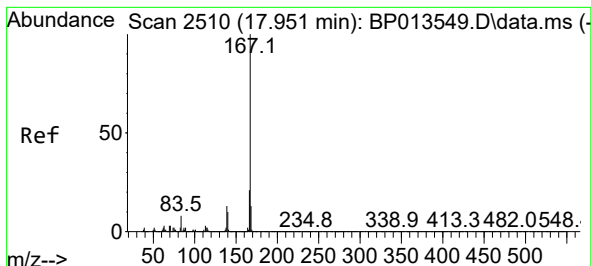
Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 15.6 12.3 18.5





#73

Carbazole

Concen: 47.050 ng

RT: 17.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

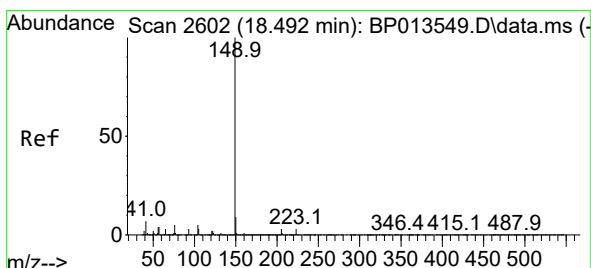
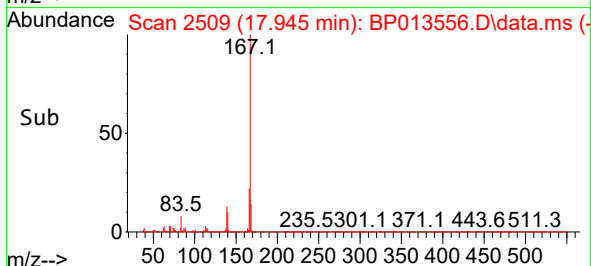
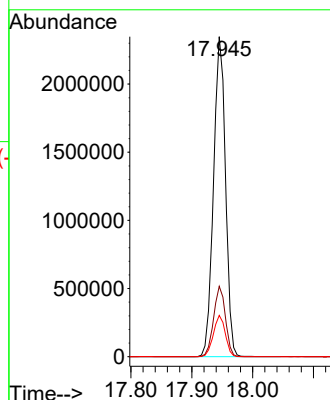
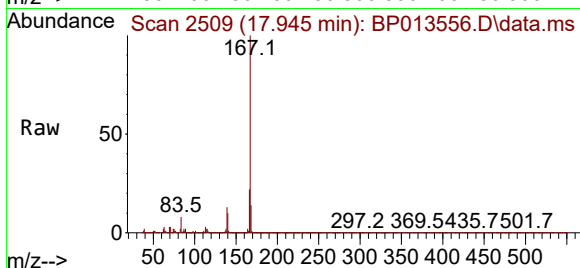
Tgt Ion:167 Resp: 3208149

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.959 ng

RT: 18.486 min Scan# 2601

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

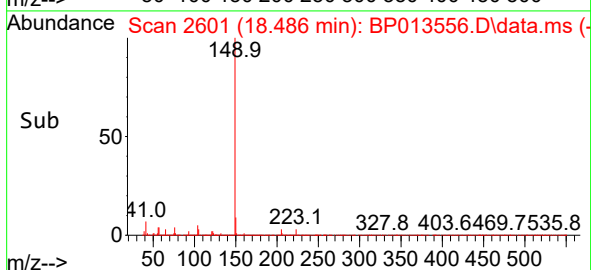
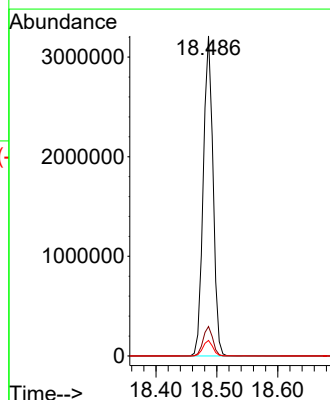
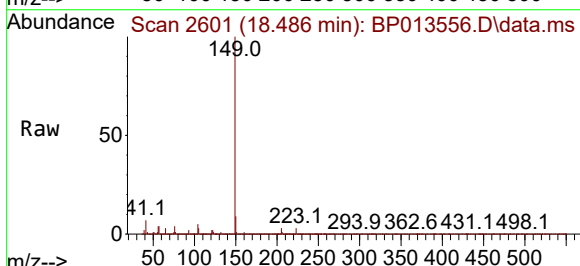
Tgt Ion:149 Resp: 3563643

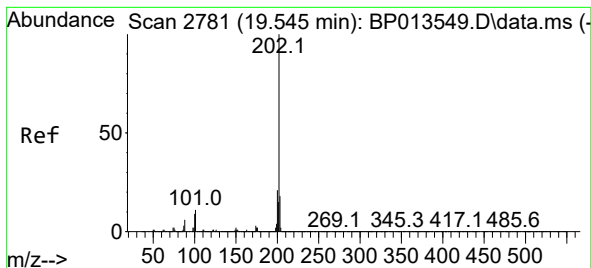
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 46.080 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

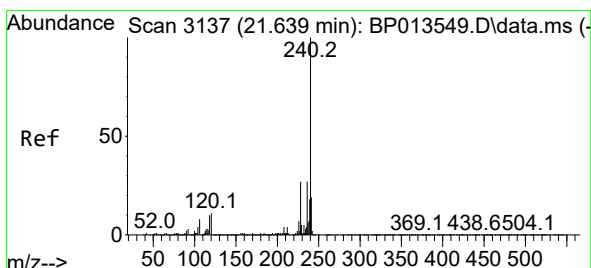
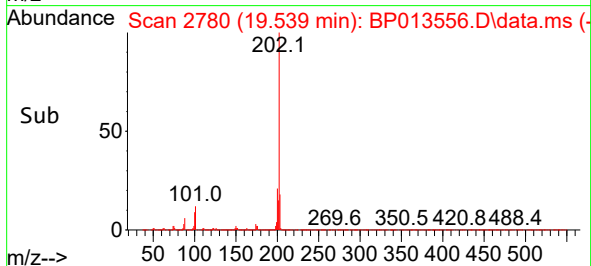
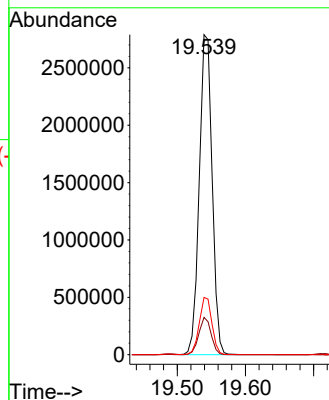
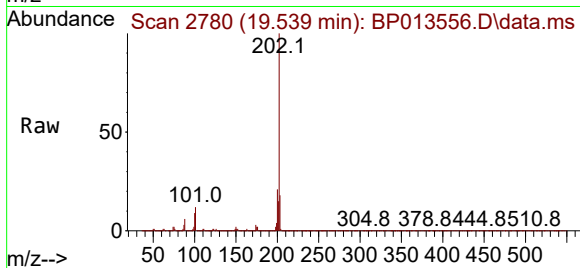
Tgt Ion:202 Resp: 3663279

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.4

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

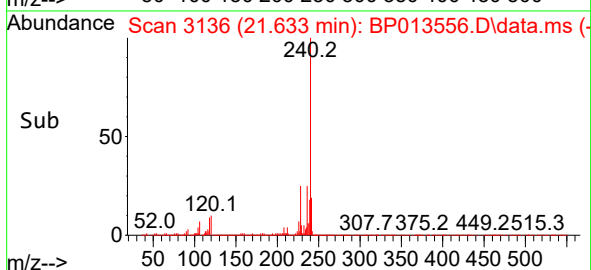
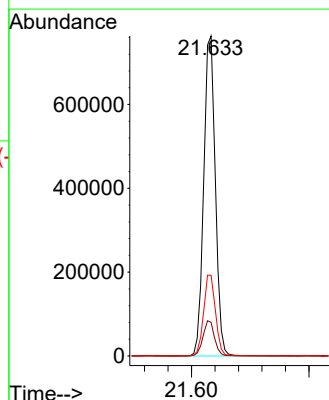
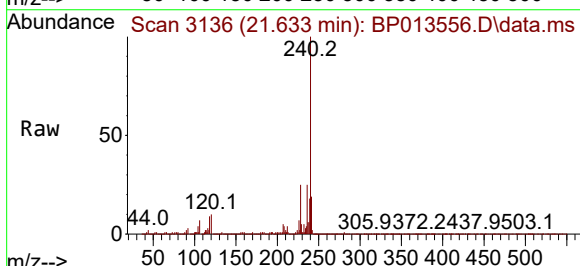
Tgt Ion:240 Resp: 1051051

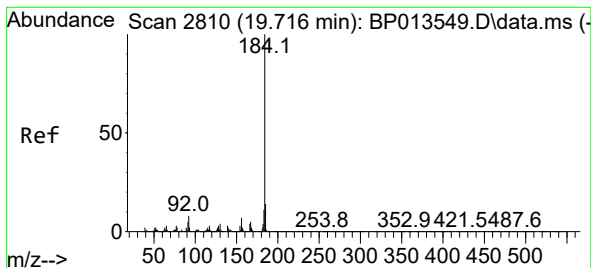
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.2 21.3 31.9





#77

Benzidine

Concen: 62.187 ng

RT: 19.710 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

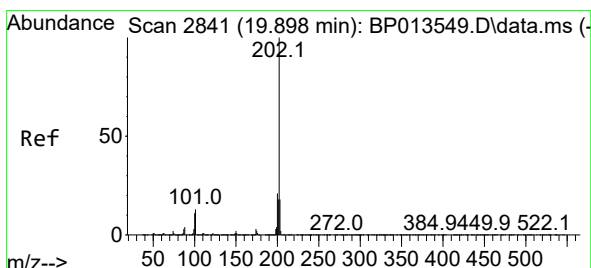
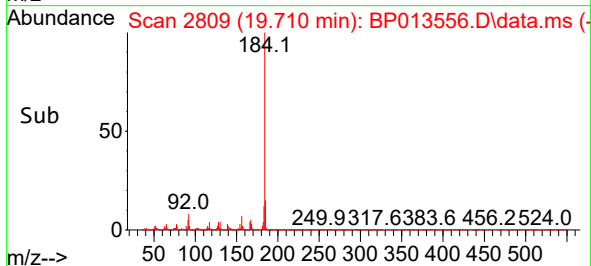
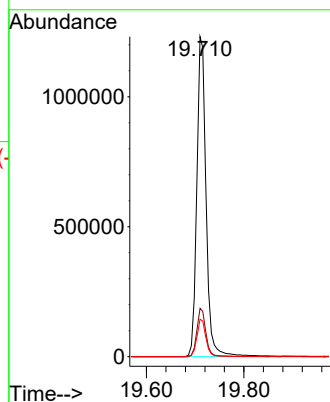
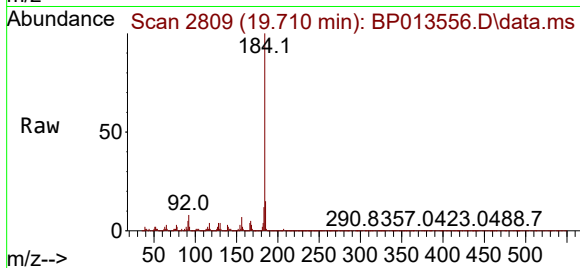
Tgt Ion:184 Resp: 1643897

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 11.7 9.0 13.6



#78

Pyrene

Concen: 47.073 ng

RT: 19.892 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

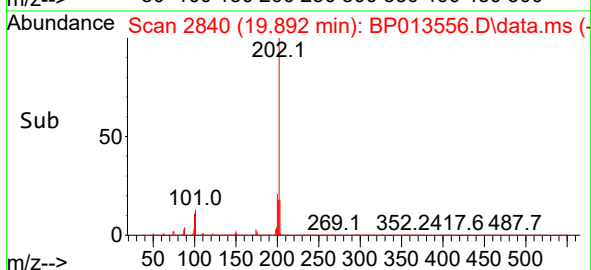
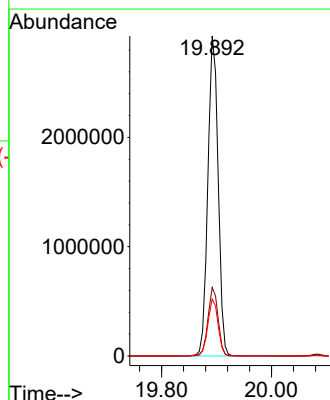
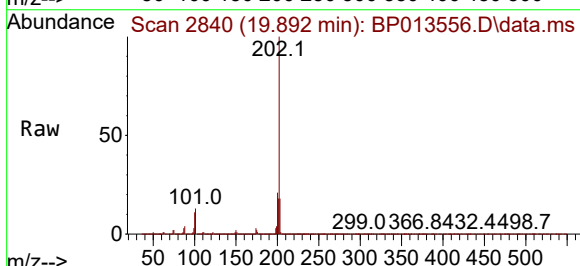
Tgt Ion:202 Resp: 3783098

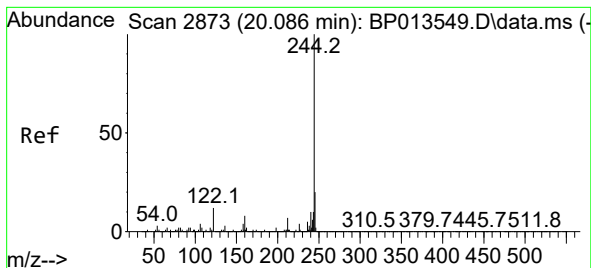
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 101.695 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

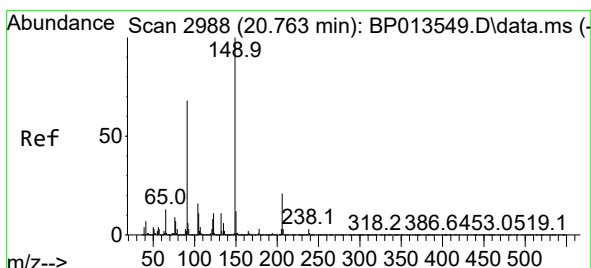
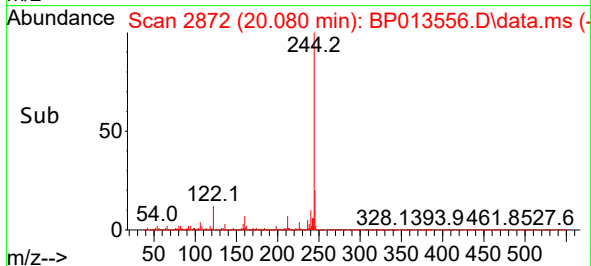
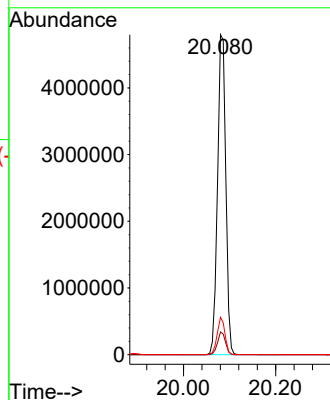
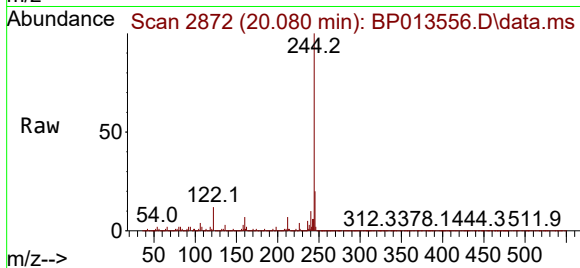
Tgt Ion:244 Resp: 5941458

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.7 9.2 13.8



#80

Butylbenzylphthalate

Concen: 52.082 ng

RT: 20.757 min Scan# 2987

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

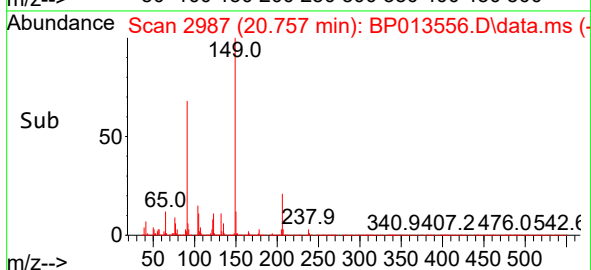
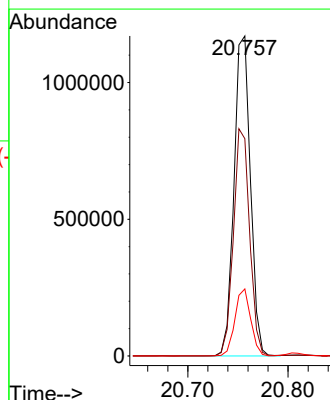
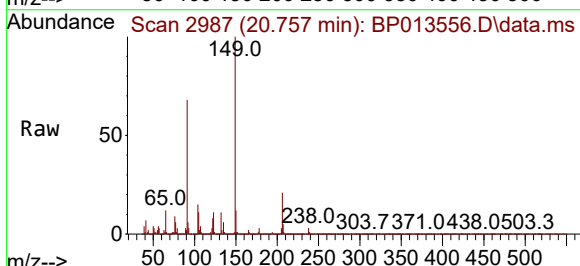
Tgt Ion:149 Resp: 1332661

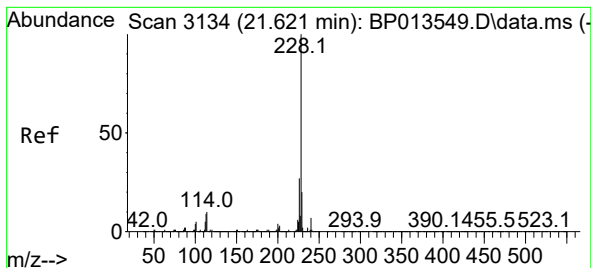
Ion Ratio Lower Upper

149 100

91 67.9 54.6 81.8

206 21.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 45.684 ng

RT: 21.616 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

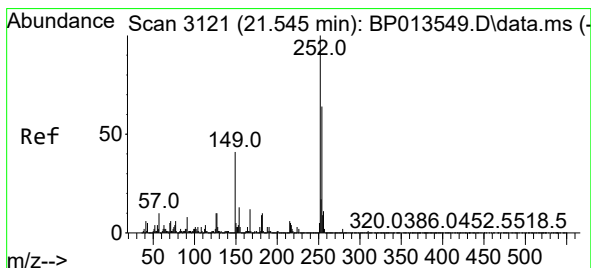
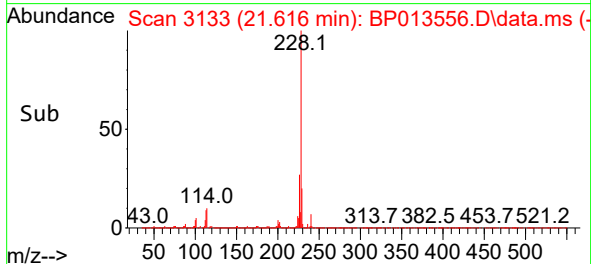
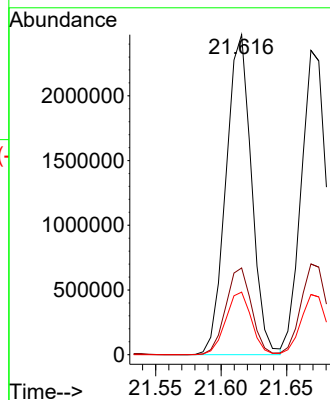
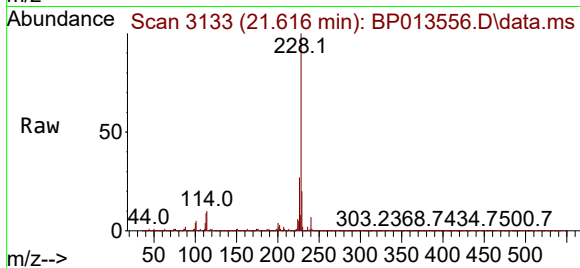
Tgt Ion:228 Resp: 3345098

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 28.220 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

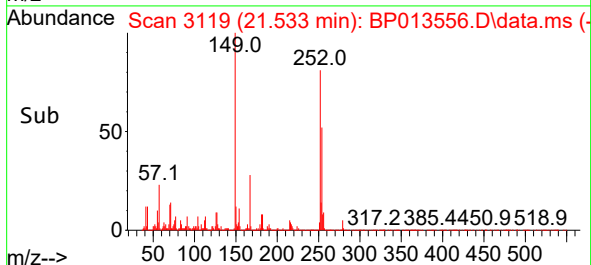
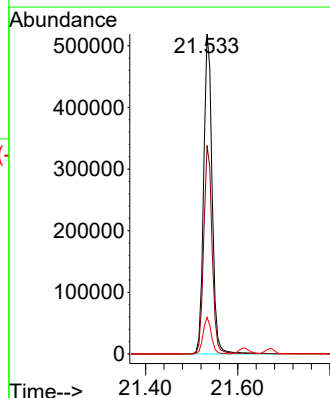
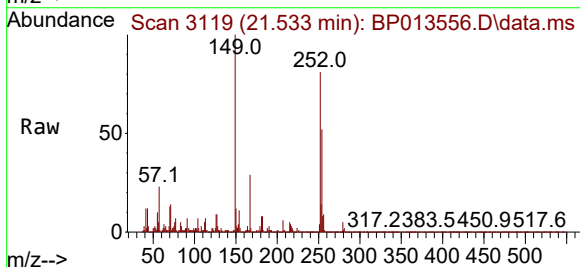
Tgt Ion:252 Resp: 665784

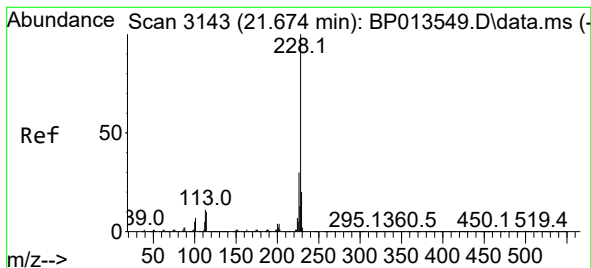
Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.0

126 11.4 8.3 12.5





#83

Chrysene

Concen: 45.025 ng

RT: 21.669 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

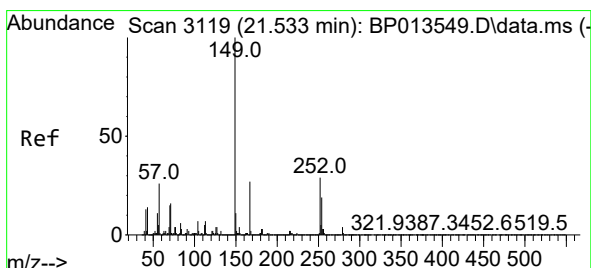
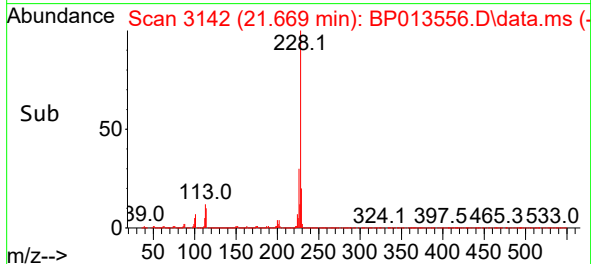
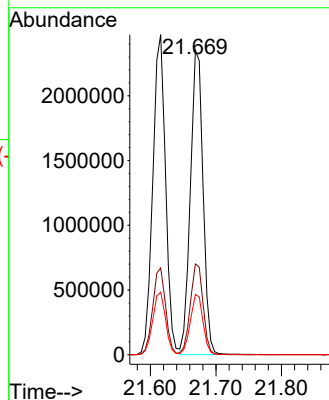
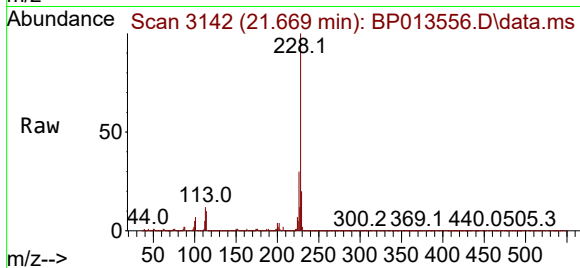
Tgt Ion:228 Resp: 3153282

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.8 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.905 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

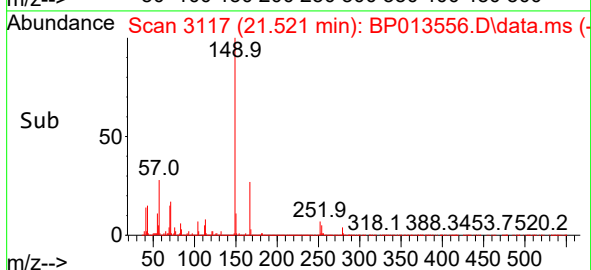
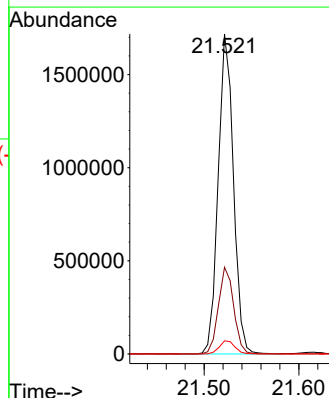
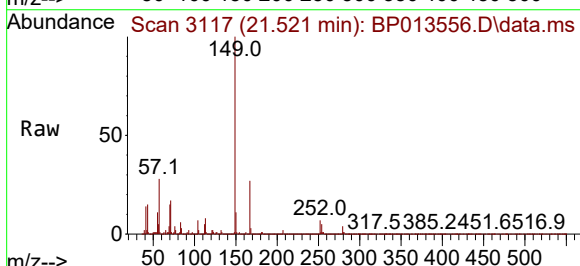
Tgt Ion:149 Resp: 1920796

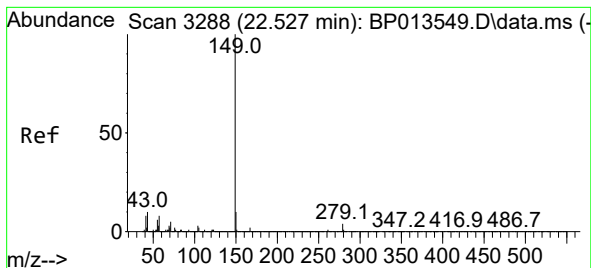
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 44.968 ng

RT: 22.516 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

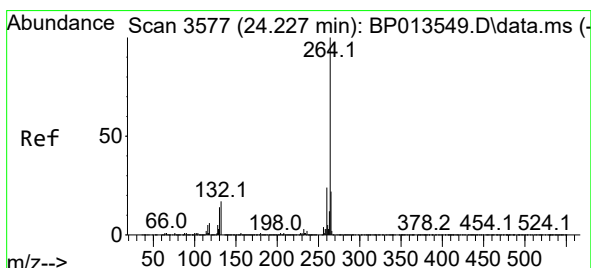
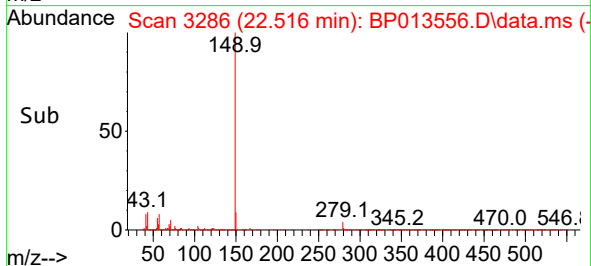
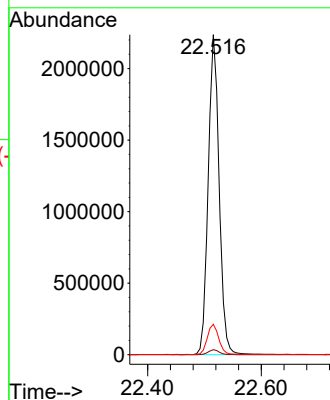
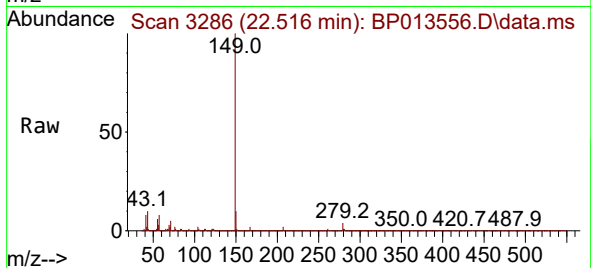
Tgt Ion:149 Resp: 2968896

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.221 min Scan# 3576

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

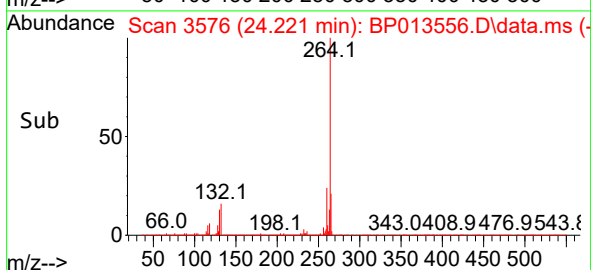
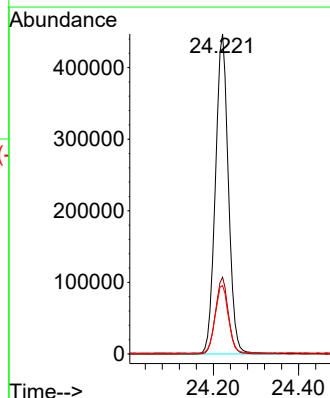
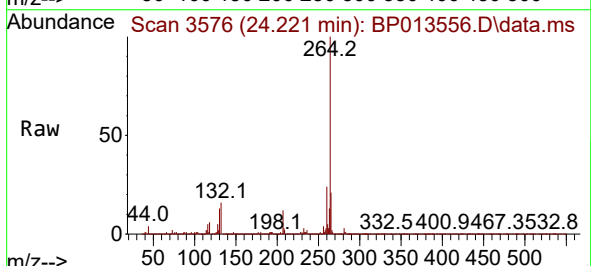
Tgt Ion:264 Resp: 943778

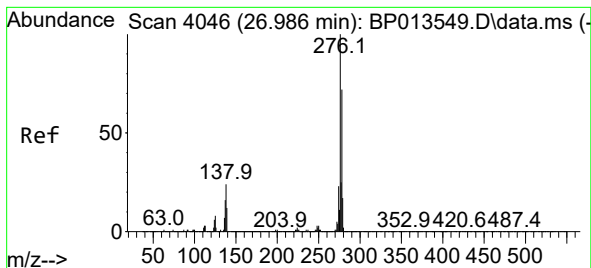
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.696 ng

RT: 26.968 min Scan# 4046

Delta R.T. -0.018 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

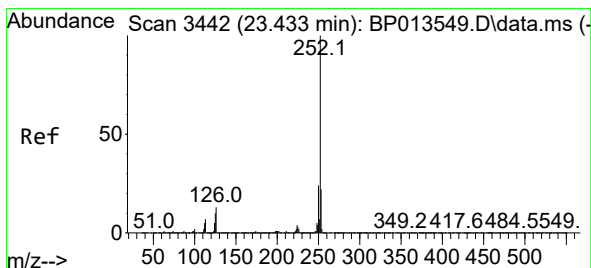
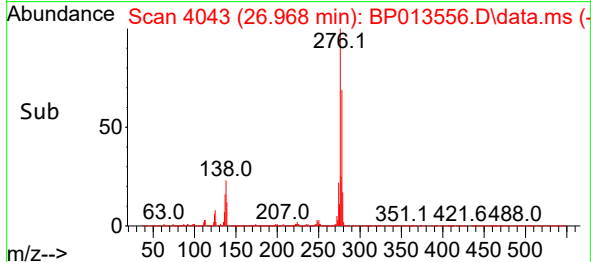
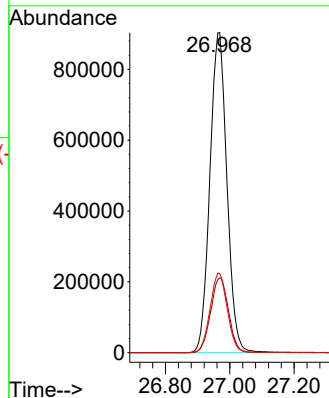
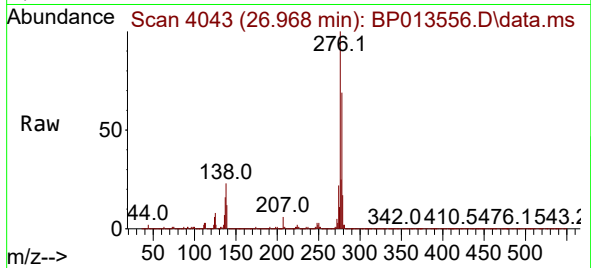
Tgt Ion:276 Resp: 3315656

Ion Ratio Lower Upper

276 100

138 24.6 19.8 29.6

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.366 ng

RT: 23.427 min Scan# 3441

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

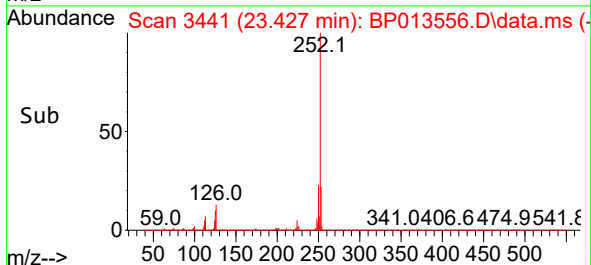
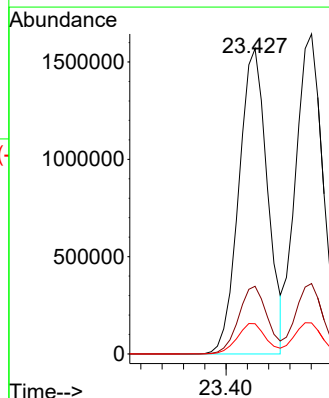
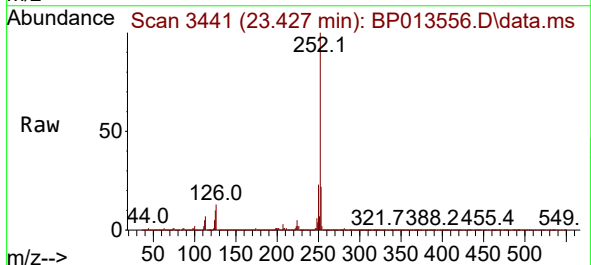
Tgt Ion:252 Resp: 2924198

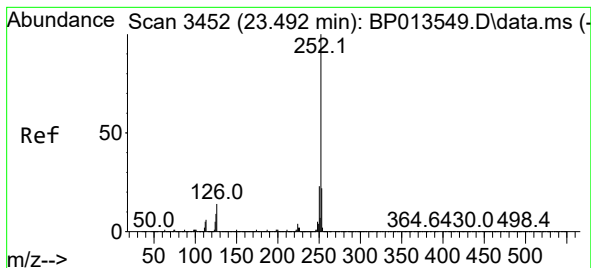
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.599 ng

RT: 23.480 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

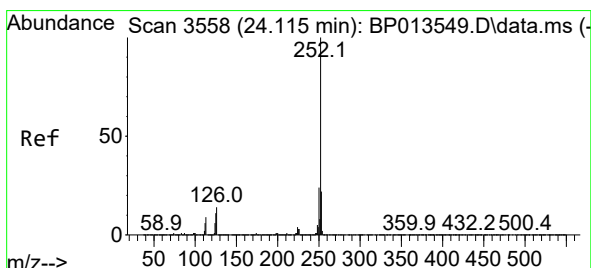
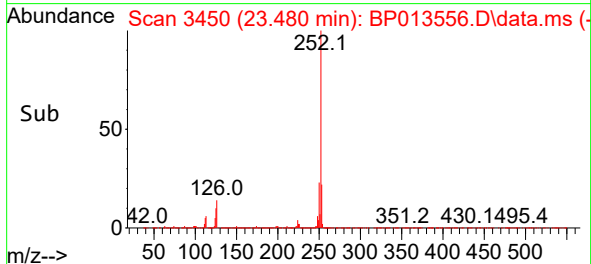
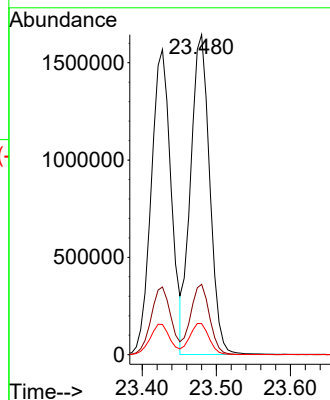
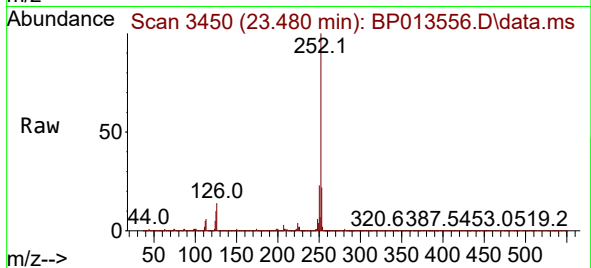
Tgt Ion:252 Resp: 2937120

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.7 7.5 11.3



#90

Benzo(a)pyrene

Concen: 44.178 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.006 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

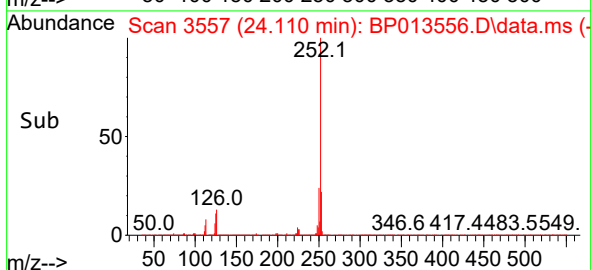
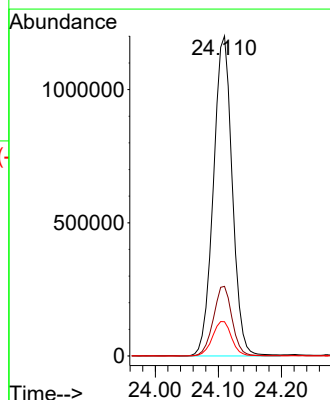
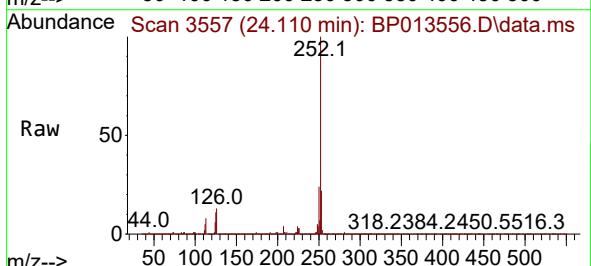
Tgt Ion:252 Resp: 2488109

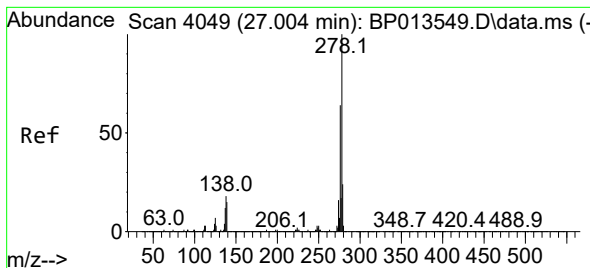
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 47.782 ng

RT: 26.986 min Scan# 4049

Delta R.T. -0.018 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Instrument :

BNA_P

ClientSampleId :

PB150389BS

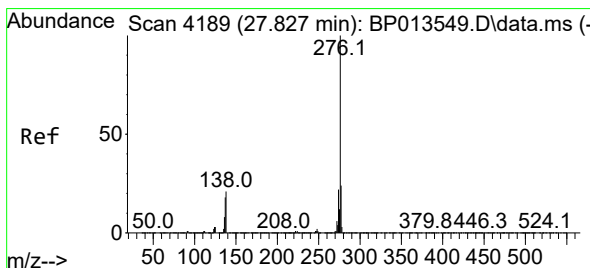
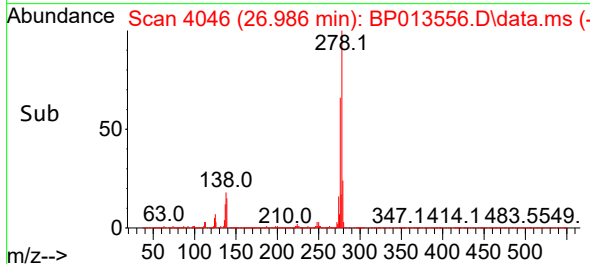
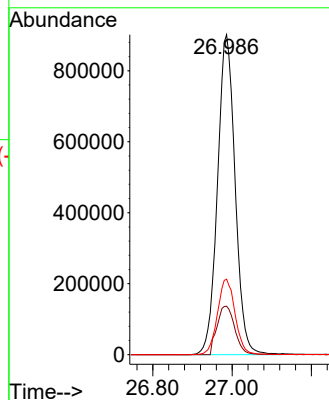
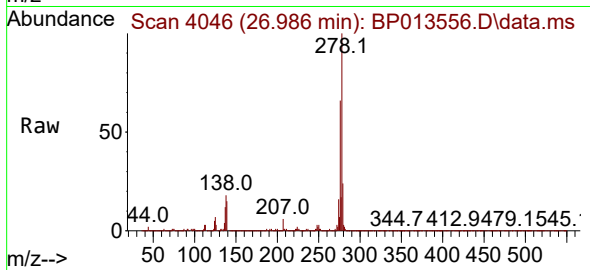
Tgt Ion:278 Resp: 2786148

Ion Ratio Lower Upper

278 100

139 15.1 12.3 18.5

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 47.525 ng

RT: 27.809 min Scan# 4186

Delta R.T. -0.018 min

Lab File: BP013556.D

Acq: 23 Jan 2023 20:22

Tgt Ion:276 Resp: 2705006

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 20.6 16.6 25.0

