

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013557.D
 Acq On : 23 Jan 2023 20:56
 Operator : CG/JU
 Sample : PB150341BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150341BS

Quant Time: Jan 24 05:49:26 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	8.164	152	320903	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1208139	20.000	ng	0.00
39) Acenaphthene-d10	14.799	164	627280	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1135634	20.000	ng	0.00
76) Chrysene-d12	21.628	240	838750	20.000	ng	-0.01
86) Perylene-d12	24.216	264	878451	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2765319	147.645	ng	0.00
7) Phenol-d6	7.305	99	3328220	132.033	ng	0.00
23) Nitrobenzene-d5	9.334	82	1842430	100.676	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	968768	153.971	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	4247194	92.940	ng	0.00
79) Terphenyl-d14	20.081	244	4932785	105.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.534	88	309068	40.934	ng	97
3) Pyridine	3.940	79	850064	37.925	ng	98
4) n-Nitrosodimethylamine	3.852	42	439087	43.326	ng	100
6) Aniline	7.475	93	1044094	30.833	ng	99
8) 2-Chlorophenol	7.722	128	987208	47.767	ng	99
9) Benzaldehyde	7.287	77	441403	27.652	ng	99
10) Phenol	7.334	94	1191119	45.608	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	956737	44.802	ng	98
12) 1,3-Dichlorobenzene	8.052	146	1122903	49.131	ng	99
13) 1,4-Dichlorobenzene	8.199	146	1134183	48.941	ng	99
14) 1,2-Dichlorobenzene	8.522	146	1085997	48.396	ng	99
15) Benzyl Alcohol	8.399	79	767146	42.596	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1293270	44.227	ng	99
17) 2-Methylphenol	8.599	107	787309	41.509	ng	99
18) Hexachloroethane	9.264	117	398668	51.467	ng	99
19) n-Nitroso-di-n-propyla...	8.975	70	665419	40.984	ng	98
20) 3+4-Methylphenols	8.928	107	1021370	40.912	ng	98
22) Acetophenone	8.993	105	1410082	45.496	ng	# 99
24) Nitrobenzene	9.381	77	965184	49.052	ng	98
25) Isophorone	9.905	82	1794676	41.345	ng	99
26) 2-Nitrophenol	10.093	139	367629	50.593	ng	97
27) 2,4-Dimethylphenol	10.146	122	868635	46.357	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	1160945	44.381	ng	100
29) 2,4-Dichlorophenol	10.628	162	819886	47.569	ng	99
30) 1,2,4-Trichlorobenzene	10.852	180	954517	48.527	ng	99
31) Naphthalene	11.046	128	2932821	45.155	ng	99
32) Benzoic acid	10.263	122	381086	44.333	ng	97
33) 4-Chloroaniline	11.146	127	290244	10.099	ng	98
34) Hexachlorobutadiene	11.328	225	557930	48.742	ng	100
35) Caprolactam	11.916	113	227094	40.640	ng	95
36) 4-Chloro-3-methylphenol	12.252	107	796643	42.441	ng	96
37) 2-Methylnaphthalene	12.640	142	1936882	41.954	ng	98
38) 1-Methylnaphthalene	12.857	142	1784304	41.131	ng	100
40) 1,2,4,5-Tetrachloroben...	12.999	216	961798	49.803	ng	99
41) Hexachlorocyclopentadiene	12.981	237	1270330	123.086	ng	99
43) 2,4,6-Trichlorophenol	13.234	196	570841	50.504	ng	99

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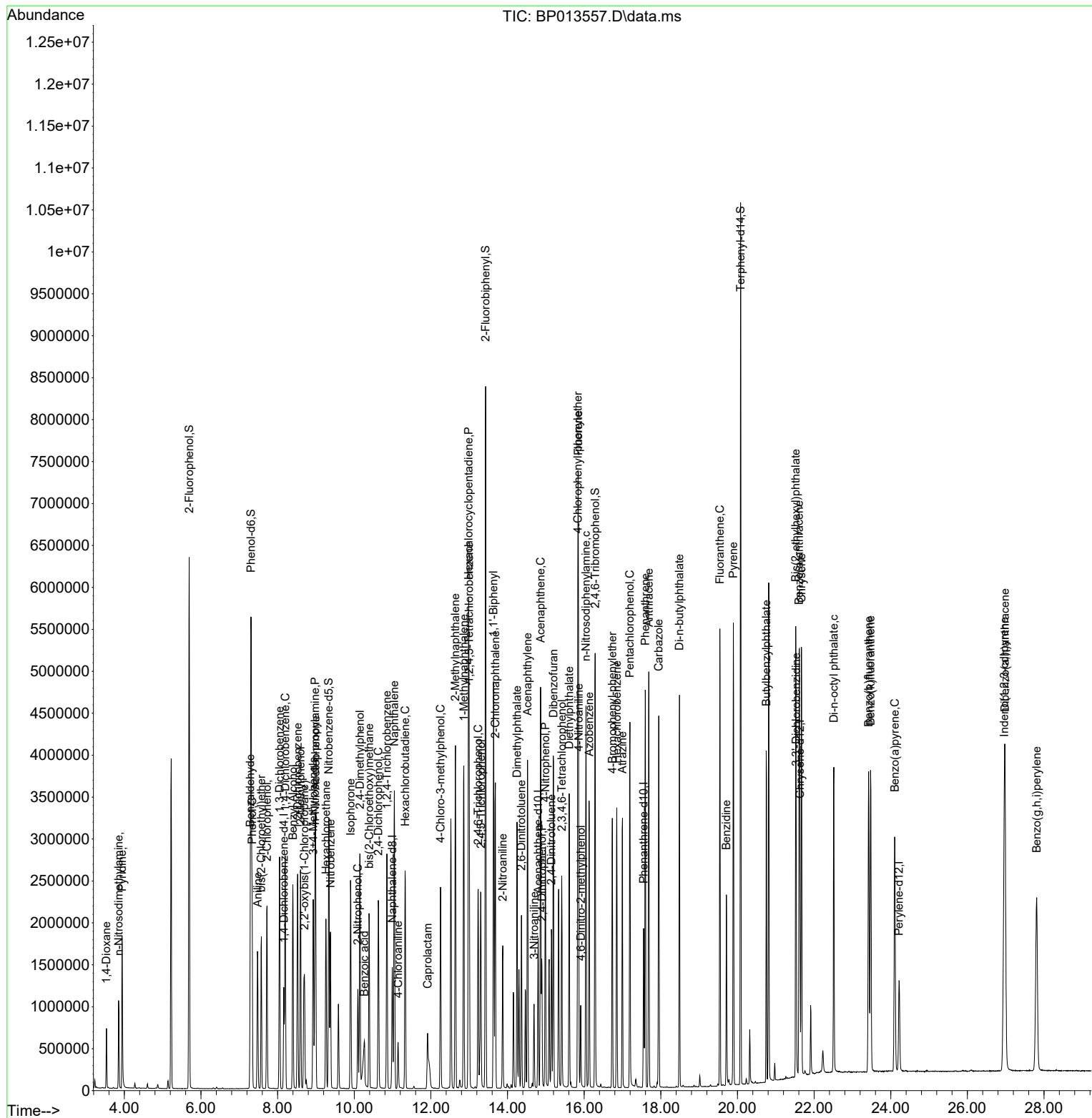
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	619438	46.378	ng	98
46) 1,1'-Biphenyl	13.634	154	2392128	47.484	ng	99
47) 2-Chloronaphthalene	13.681	162	1814293	48.072	ng	100
48) 2-Nitroaniline	13.875	65	414876	44.482	ng	94
49) Acenaphthylene	14.522	152	2806402	45.469	ng	99
50) Dimethylphthalate	14.246	163	2044961	43.856	ng	99
51) 2,6-Dinitrotoluene	14.363	165	407848	45.113	ng	97
52) Acenaphthene	14.863	154	1843955	48.364	ng	99
53) 3-Nitroaniline	14.693	138	231603	25.124	ng	96
54) 2,4-Dinitrophenol	14.898	184	293308	83.876	ng	95
55) Dibenzofuran	15.198	168	2588413	44.274	ng	99
56) 4-Nitrophenol	14.987	139	725164	91.047	ng	95
57) 2,4-Dinitrotoluene	15.146	165	530601	48.974	ng	94
58) Fluorene	15.845	166	2018828	43.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.416	232	490726	47.850	ng	99
60) Diethylphthalate	15.610	149	1990380	43.704	ng	100
61) 4-Chlorophenyl-phenyle...	15.834	204	1000654	43.795	ng	99
62) 4-Nitroaniline	15.857	138	420835	42.671	ng	97
63) Azobenzene	16.128	77	1882282	42.534	ng	99
65) 4,6-Dinitro-2-methylph...	15.910	198	187438	51.041	ng	96
66) n-Nitrosodiphenylamine	16.045	169	1724339	46.561	ng	99
67) 4-Bromophenyl-phenylether	16.734	248	587782	46.726	ng	98
68) Hexachlorobenzene	16.851	284	684373	50.367	ng	100
69) Atrazine	16.998	200	556038	52.475	ng	98
70) Pentachlorophenol	17.192	266	752263	82.754	ng	99
71) Phenanthrene	17.592	178	2926130	46.311	ng	100
72) Anthracene	17.687	178	2957937	46.125	ng	100
73) Carbazole	17.945	167	2675140	46.418	ng	100
74) Di-n-butylphthalate	18.487	149	3105839	48.421	ng	100
75) Fluoranthene	19.539	202	3016393	44.892	ng	99
77) Benzidine	19.710	184	1175496	55.724	ng	99
78) Pyrene	19.892	202	3117255	48.606	ng	100
80) Butylbenzylphthalate	20.751	149	1095049	53.628	ng	96
81) Benzo(a)anthracene	21.610	228	2732957	46.771	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	546009	29.001	ng	99
83) Chrysene	21.669	228	2602703	46.570	ng	100
84) Bis(2-ethylhexyl)phtha...	21.522	149	1599069	48.932	ng	100
85) Di-n-octyl phthalate	22.516	149	2559341	48.577	ng	99
87) Indeno(1,2,3-cd)pyrene	26.963	276	3470425	53.635	ng	100
88) Benzo(b)fluoranthene	23.422	252	2719745	50.328	ng	100
89) Benzo(k)fluoranthene	23.474	252	2661149	48.281	ng	99
90) Benzo(a)pyrene	24.104	252	2373965	45.286	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	2936552	54.106	ng	100
92) Benzo(g,h,i)perylene	27.810	276	2865279	54.085	ng	100

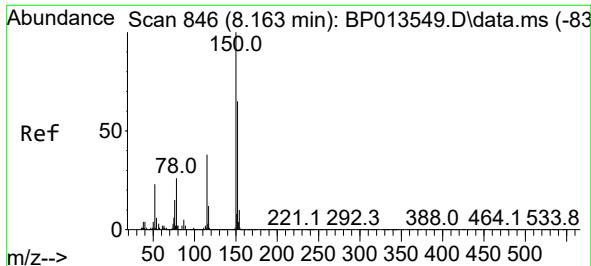
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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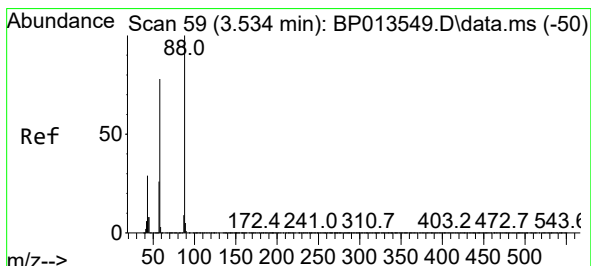
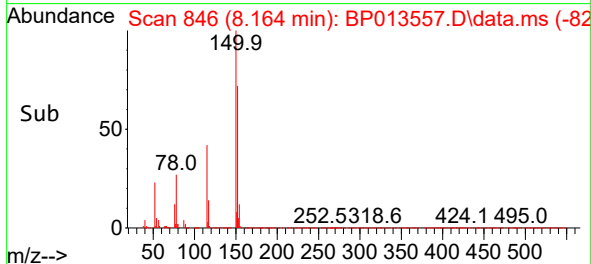
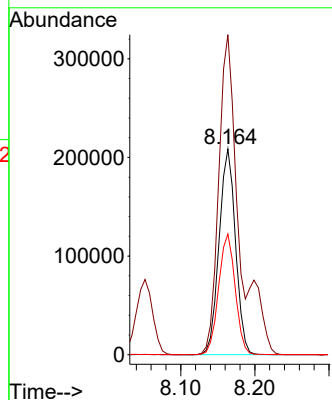
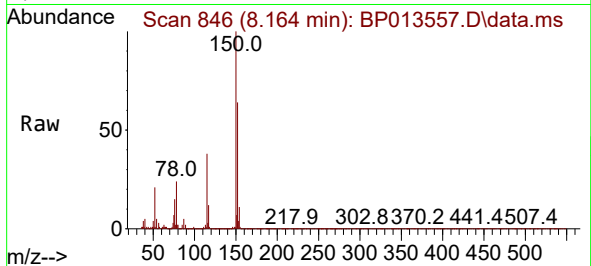




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 84
Delta R.T. 0.001 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

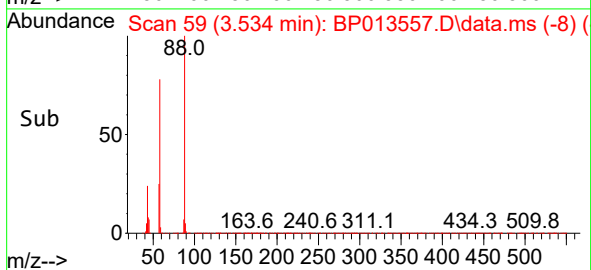
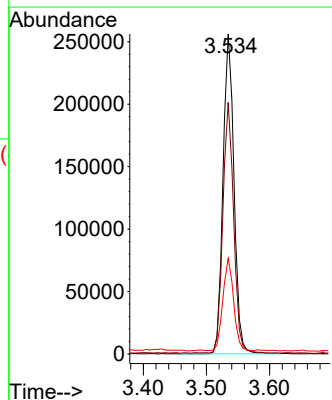
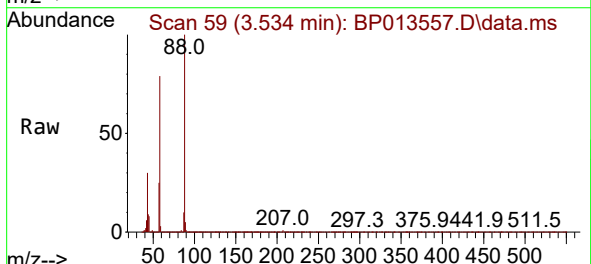
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BNA_P
ClientSampleId :
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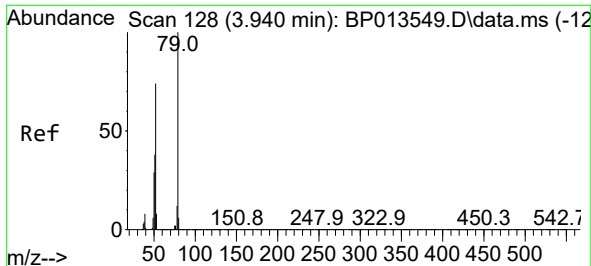
Tgt Ion:152 Resp: 320903
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 58.7 46.1 69.1



#2
1,4-Dioxane
Concen: 40.934 ng
RT: 3.534 min Scan# 59
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 88 Resp: 309068
Ion Ratio Lower Upper
88 100
58 76.7 63.6 95.4
43 28.2 24.2 36.2





#3

Pyridine

Concen: 37.925 ng

RT: 3.940 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

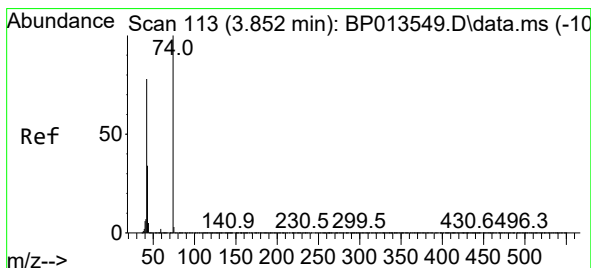
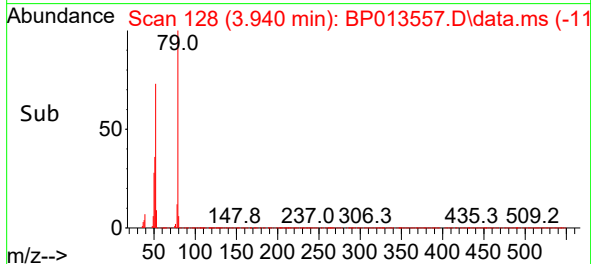
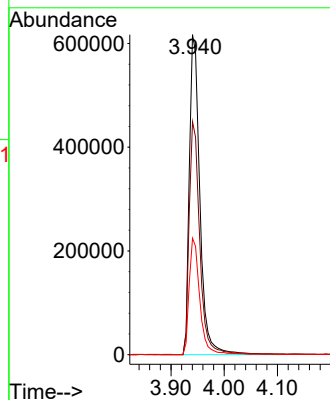
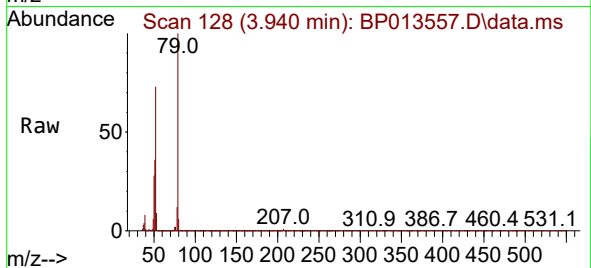
Tgt Ion: 79 Resp: 850064

Ion Ratio Lower Upper

79 100

52 72.8 59.4 89.2

51 36.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 43.326 ng

RT: 3.852 min Scan# 113

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

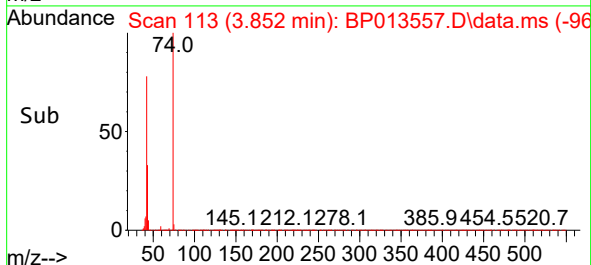
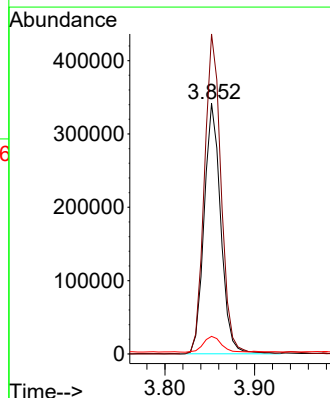
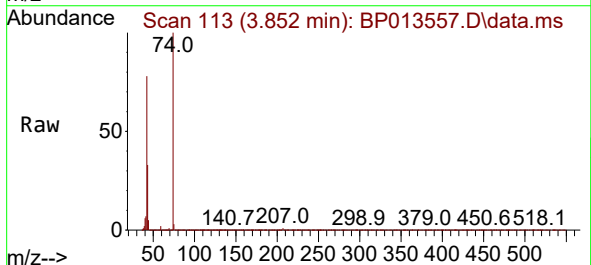
Tgt Ion: 42 Resp: 439087

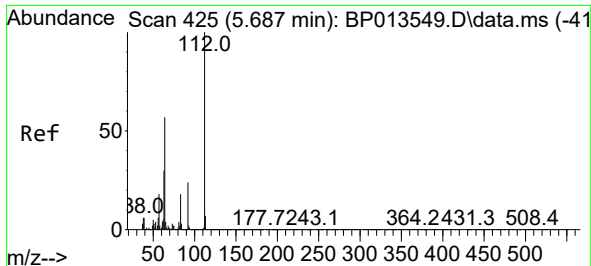
Ion Ratio Lower Upper

42 100

74 127.7 102.3 153.5

44 7.0 6.2 9.2

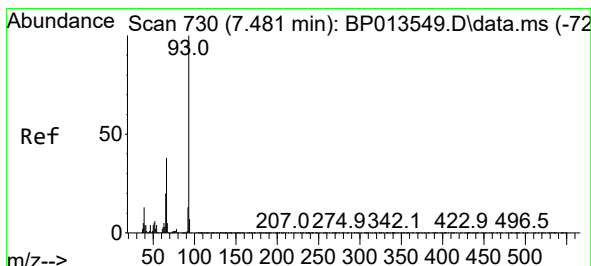
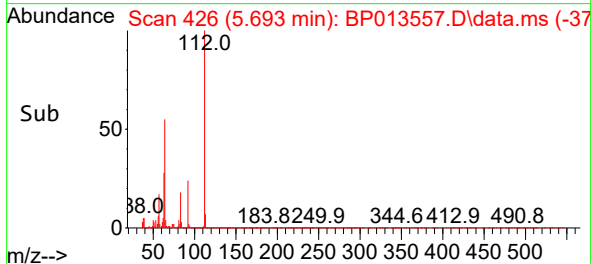
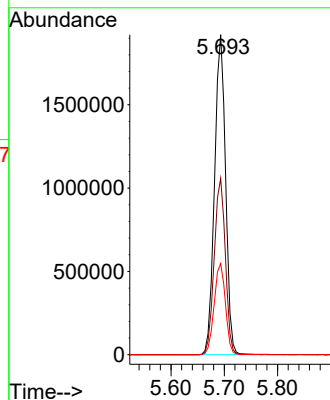
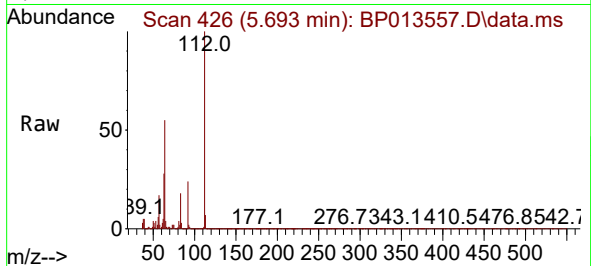




#5
2-Fluorophenol
Concen: 147.645 ng
RT: 5.693 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

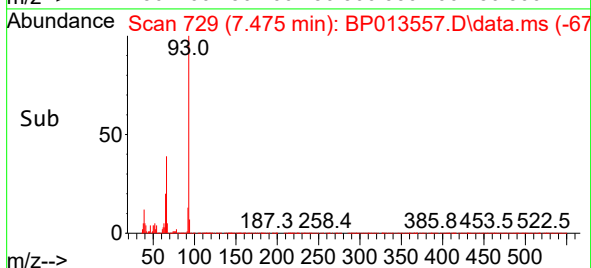
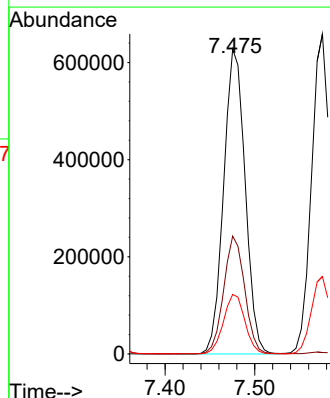
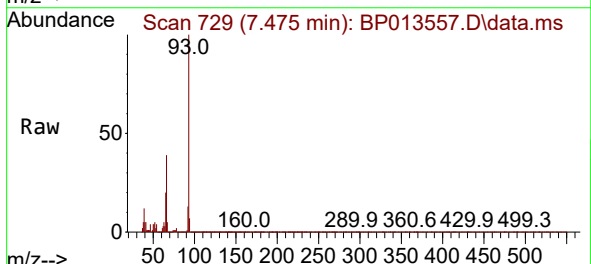
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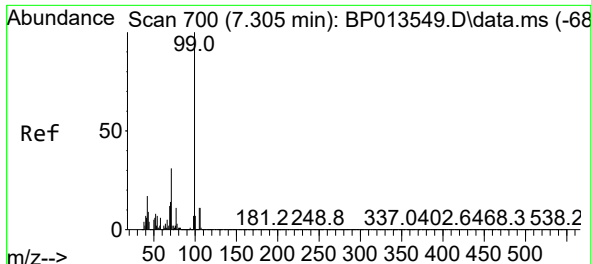
Tgt Ion:112 Resp: 2765319
Ion Ratio Lower Upper
112 100
64 55.1 45.4 68.0
63 28.4 24.1 36.1



#6
Aniline
Concen: 30.833 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 93 Resp: 1044094
Ion Ratio Lower Upper
93 100
66 38.7 30.3 45.5
65 19.5 15.9 23.9

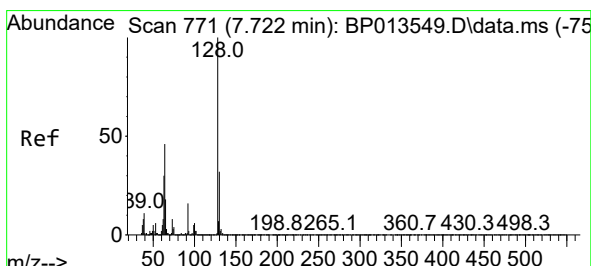
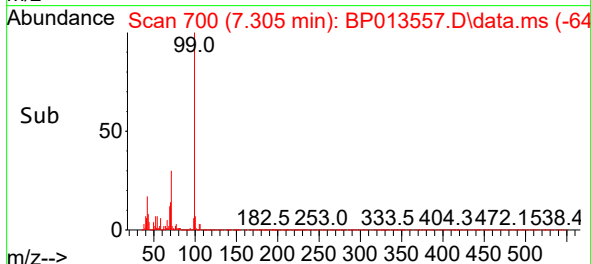
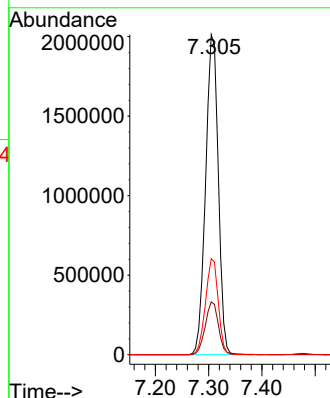
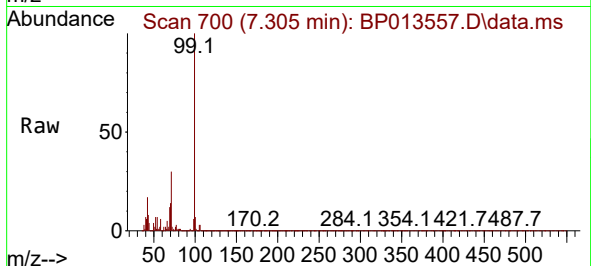




#7
Phenol-d6
Concen: 132.033 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

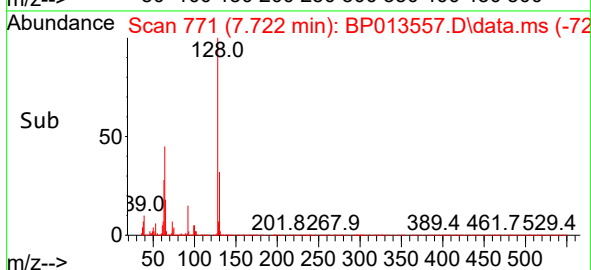
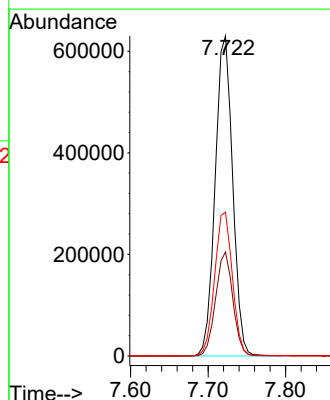
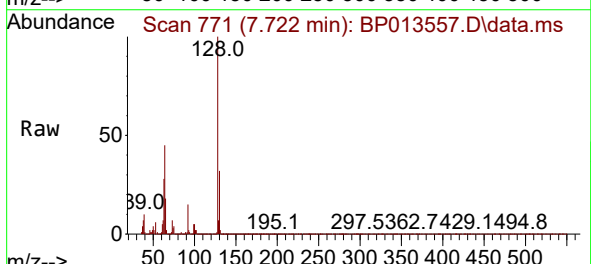
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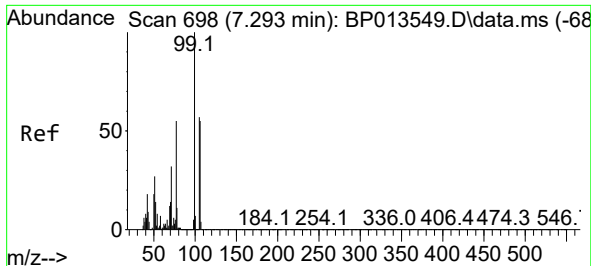
Tgt Ion: 99 Resp: 3328220
Ion Ratio Lower Upper
99 100
42 16.5 14.0 21.0
71 30.0 24.7 37.1



#8
2-Chlorophenol
Concen: 47.767 ng
RT: 7.722 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 128 Resp: 987208
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 45.0 26.2 66.2

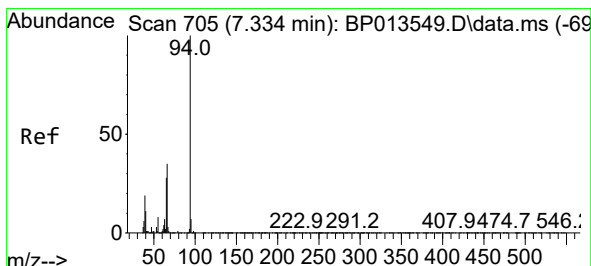
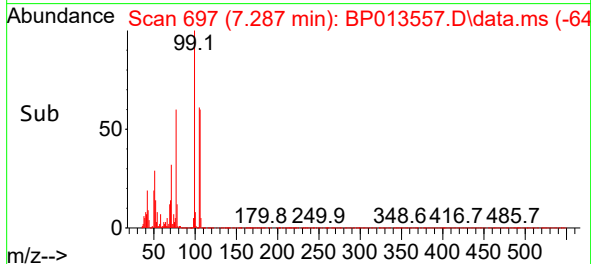
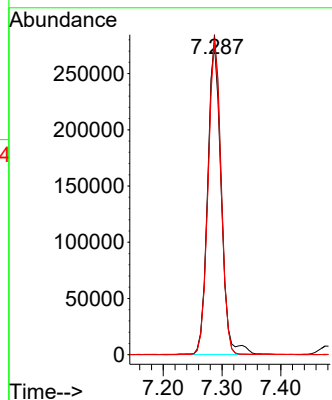
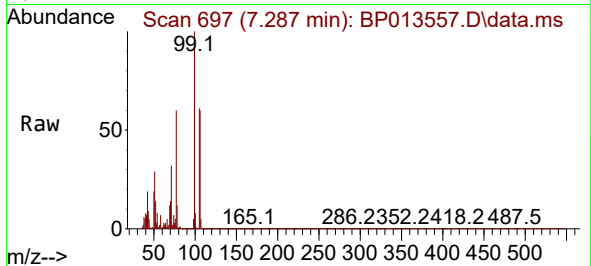




#9
Benzaldehyde
Concen: 27.652 ng
RT: 7.287 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP013557.D
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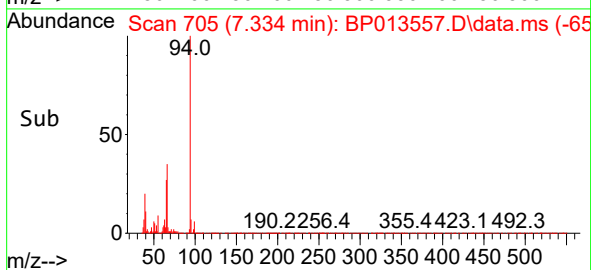
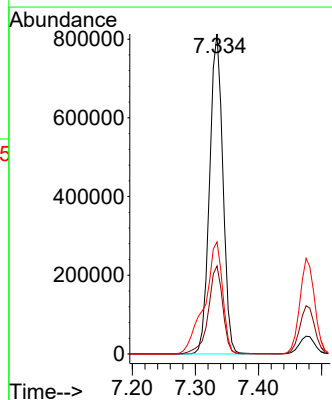
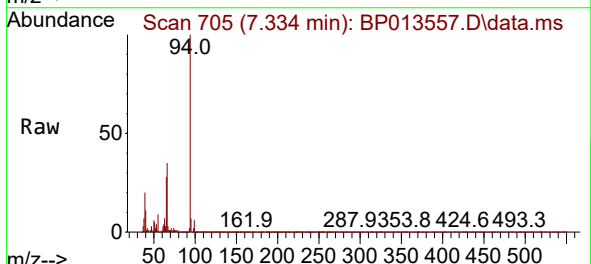
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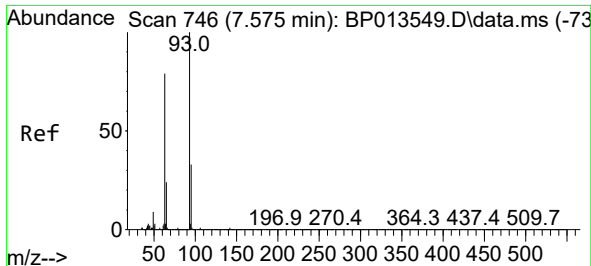
Tgt Ion: 77 Resp: 441403
Ion Ratio Lower Upper
77 100
105 103.0 82.6 122.6
106 101.2 78.9 118.9



#10
Phenol
Concen: 45.608 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 1191119
Ion Ratio Lower Upper
94 100
65 27.5 7.8 47.8
66 35.0 15.5 55.5

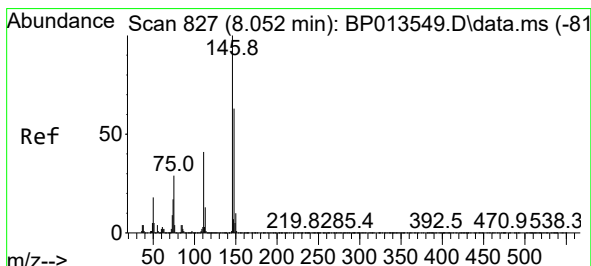
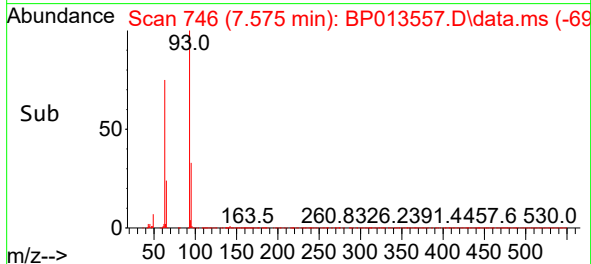
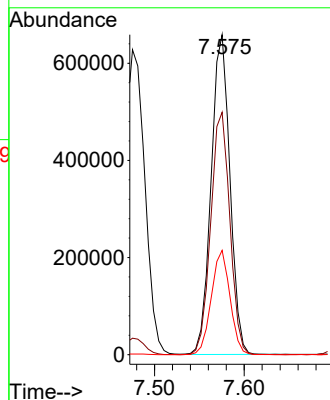
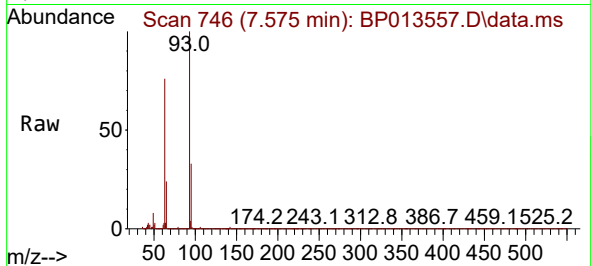




#11
bis(2-Chloroethyl)ether
Concen: 44.802 ng
RT: 7.575 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

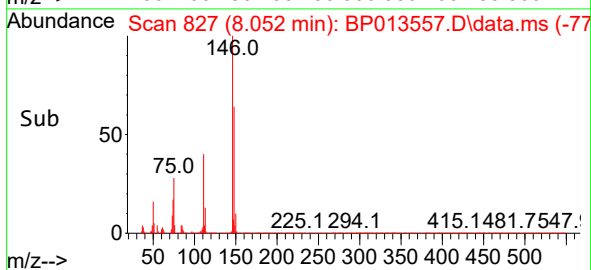
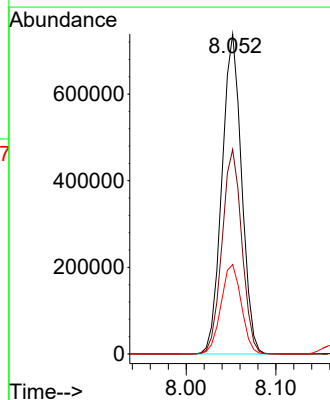
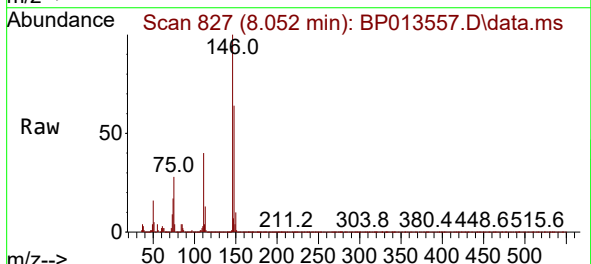
Instrument :
BNA_P
ClientSampleId :
PB150341BS

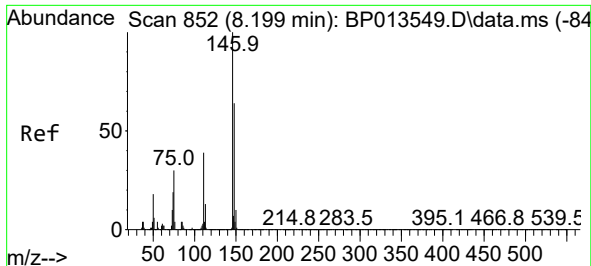
Tgt Ion: 93 Resp: 956737
Ion Ratio Lower Upper
93 100
63 75.8 58.7 98.7
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 49.131 ng
RT: 8.052 min Scan# 827
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:146 Resp: 1122903
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
75 28.0 23.4 35.2

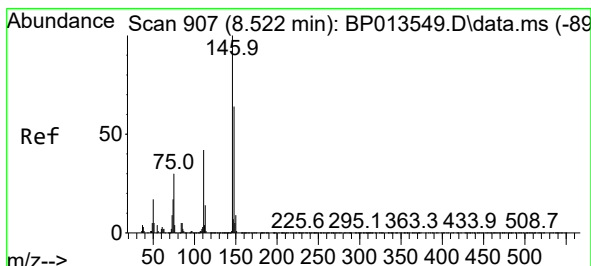
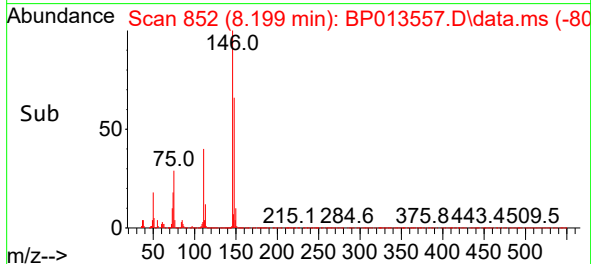
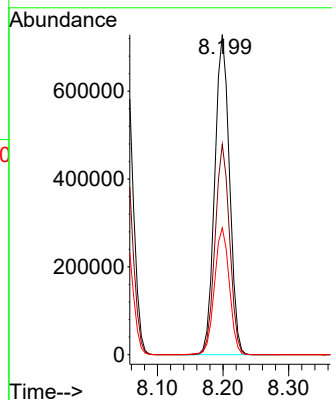
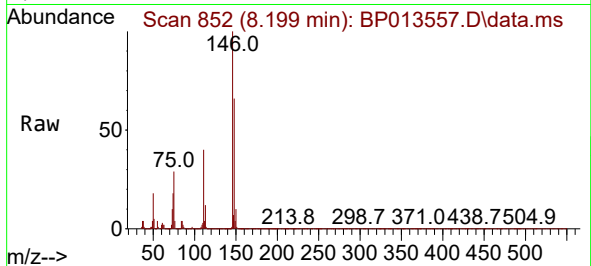




#13
1,4-Dichlorobenzene
Concen: 48.941 ng
RT: 8.199 min Scan# 852
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

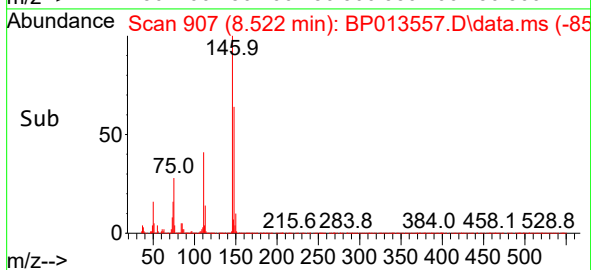
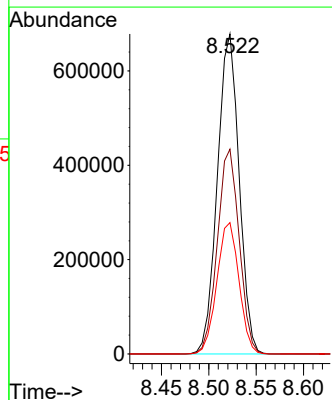
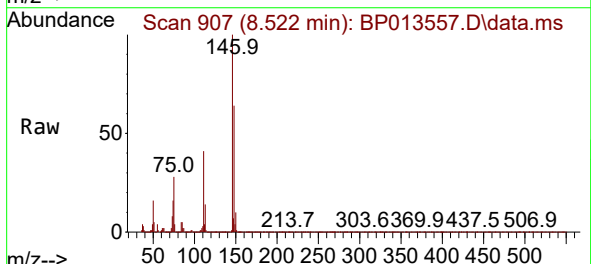
Instrument :
BNA_P
ClientSampleId :
PB150341BS

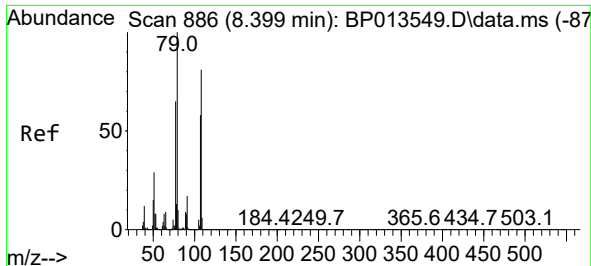
Tgt Ion:146 Resp: 1134183
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.0
111 39.7 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 48.396 ng
RT: 8.522 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:146 Resp: 1085997
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 41.0 33.4 50.2

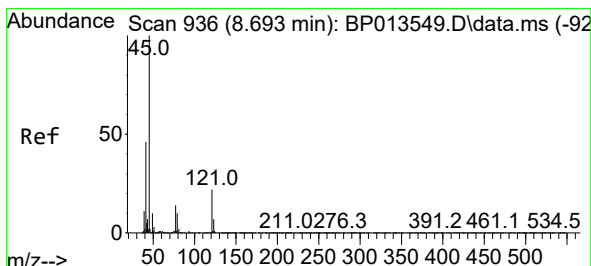
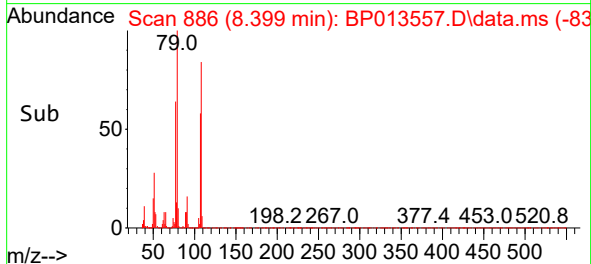
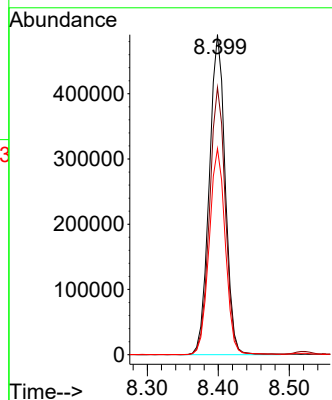
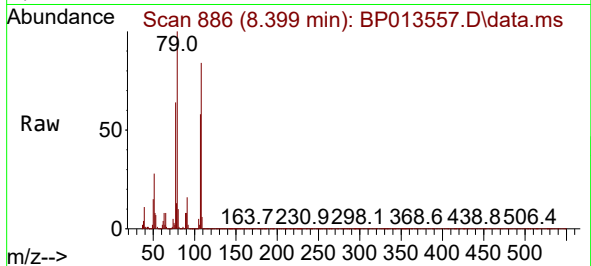




#15
Benzyl Alcohol
Concen: 42.596 ng
RT: 8.399 min Scan# 886
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

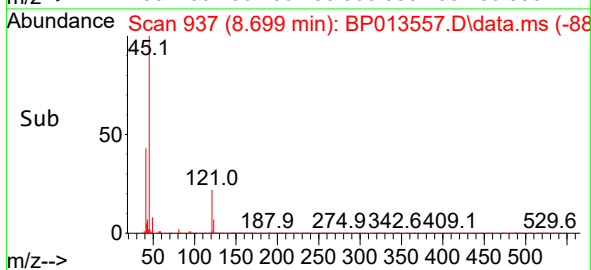
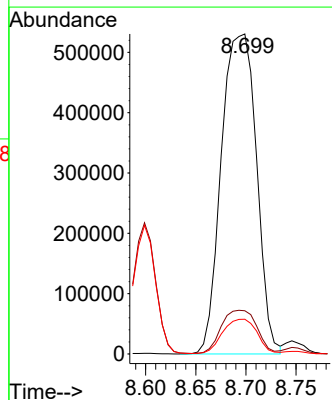
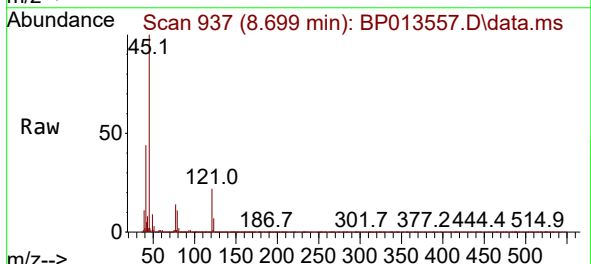
Instrument :
BNA_P
ClientSampleId :
PB150341BS

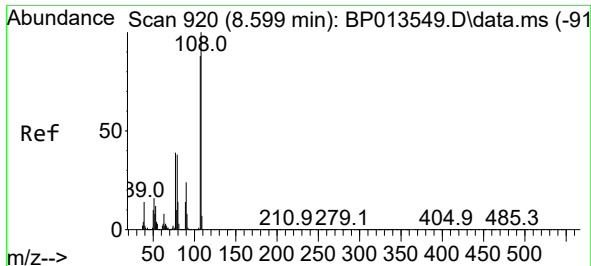
Tgt Ion: 79 Resp: 767146
Ion Ratio Lower Upper
79 100
108 83.5 65.2 97.8
77 64.4 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.227 ng
RT: 8.699 min Scan# 937
Delta R.T. 0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 45 Resp: 1293270
Ion Ratio Lower Upper
45 100
77 13.5 0.0 34.2
79 10.8 0.0 30.4





#17

2-Methylphenol

Concen: 41.509 ng

RT: 8.599 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

Tgt Ion:107 Resp: 787309

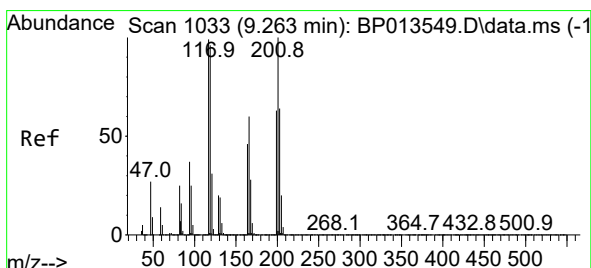
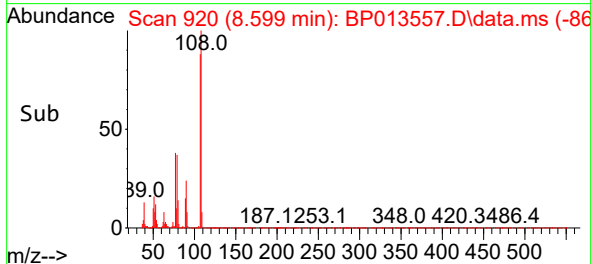
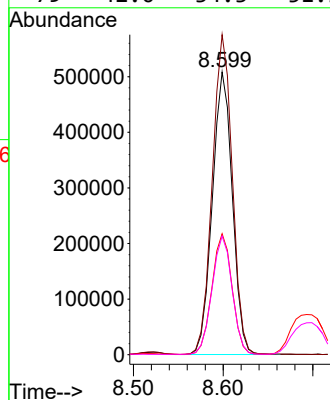
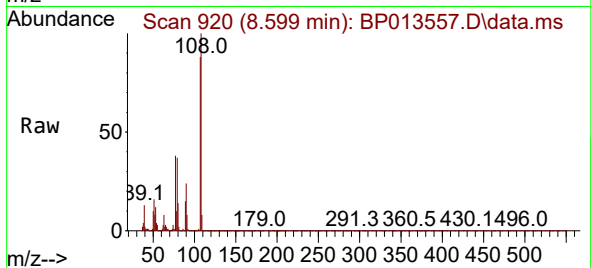
Ion Ratio Lower Upper

107 100

108 113.2 90.5 135.7

77 42.8 35.4 53.2

79 42.0 34.3 51.5



#18

Hexachloroethane

Concen: 51.467 ng

RT: 9.264 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

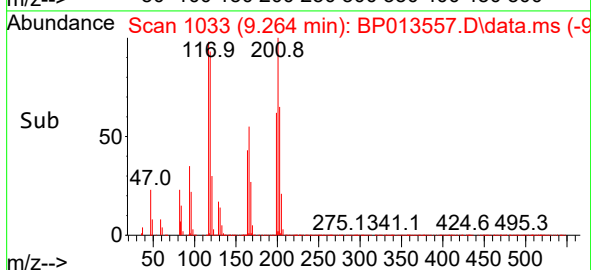
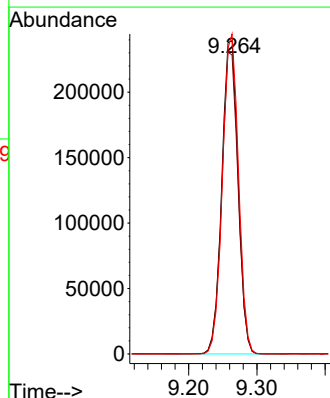
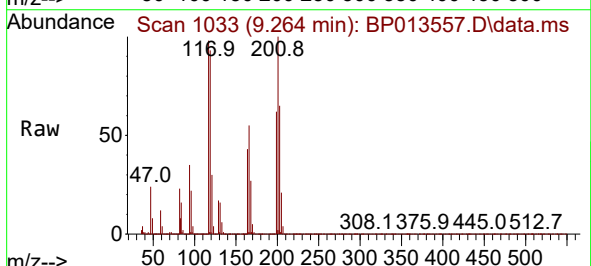
Tgt Ion:117 Resp: 398668

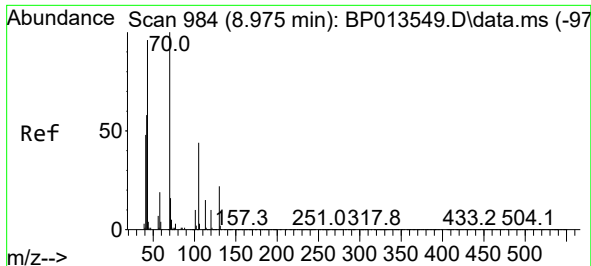
Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.6

201 102.1 80.6 120.8

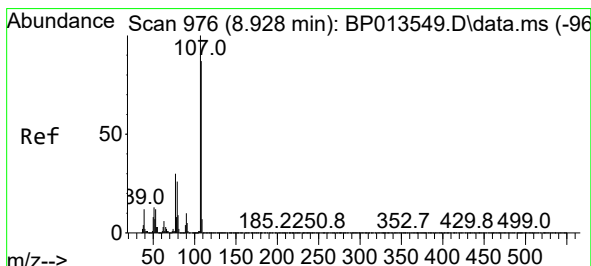
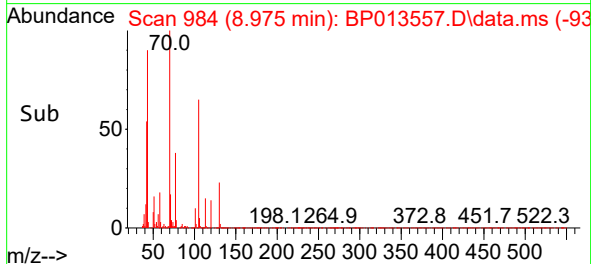
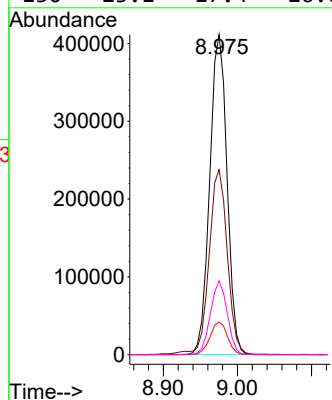
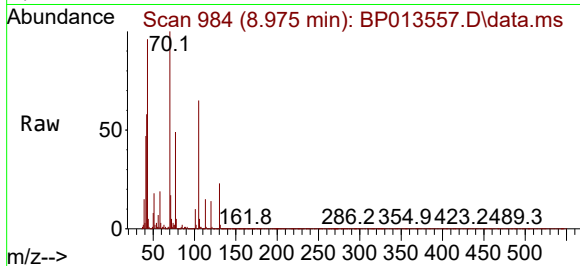




#19
n-Nitroso-di-n-propylamine
Concen: 40.984 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

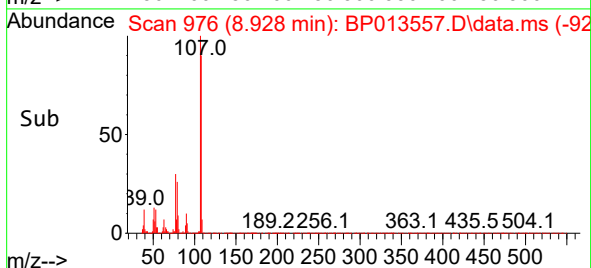
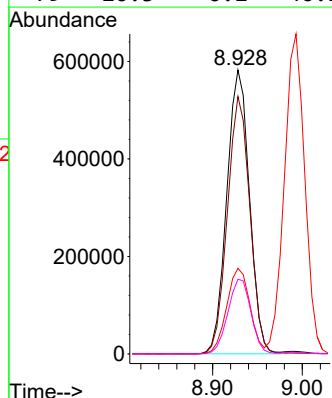
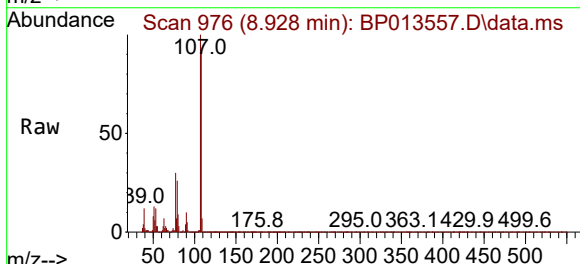
Instrument :
BNA_P
ClientSampleId :
PB150341BS

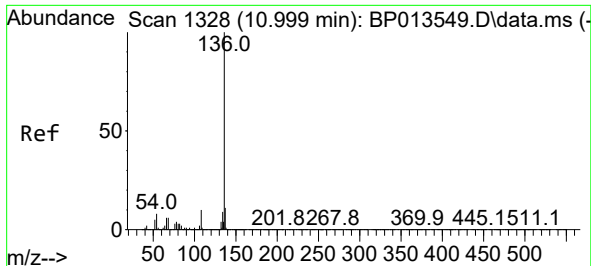
Tgt Ion: 70 Resp: 665419
Ion Ratio Lower Upper
70 100
42 57.8 47.2 70.8
101 10.2 8.0 12.0
130 23.1 17.4 26.0



#20
3+4-Methylphenols
Concen: 40.912 ng
RT: 8.928 min Scan# 976
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 107 Resp: 1021370
Ion Ratio Lower Upper
107 100
108 90.6 67.5 107.5
77 30.1 10.5 50.5
79 26.3 6.2 46.2

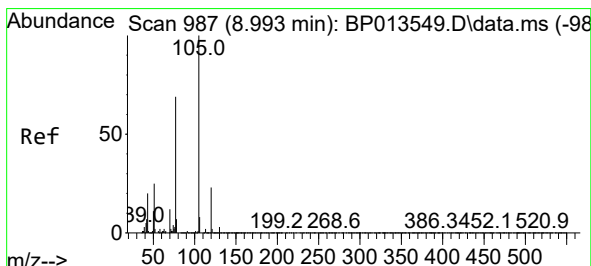
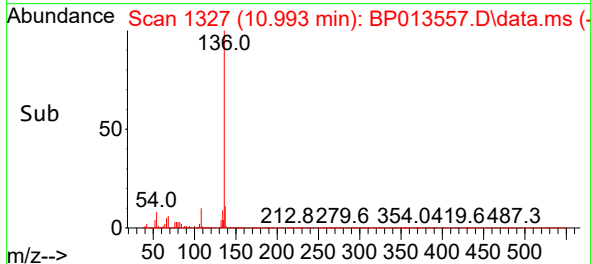
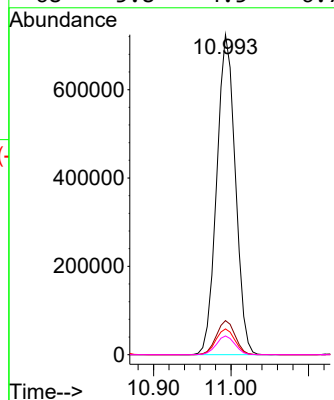
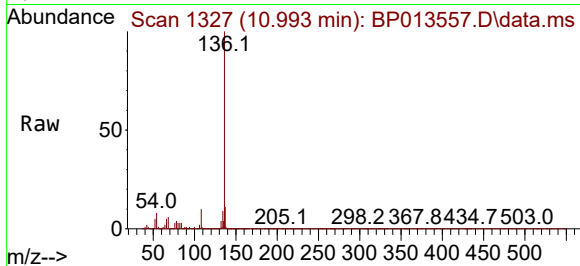




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

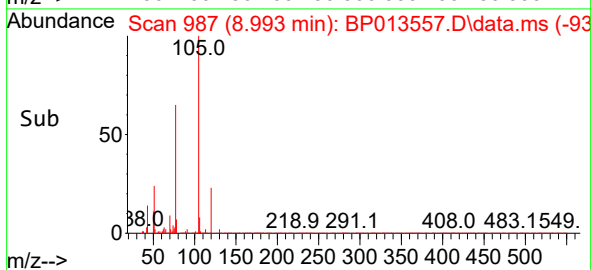
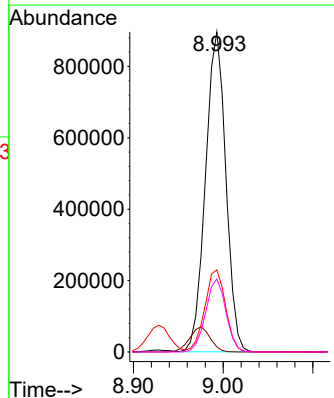
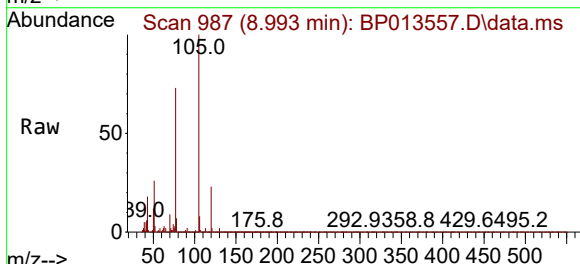
Instrument :
BNA_P
ClientSampleId :
PB150341BS

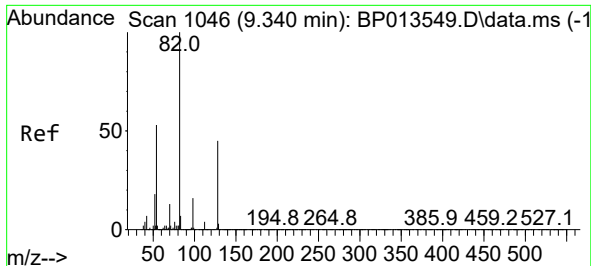
Tgt Ion:136 Resp: 1208139
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.0 6.6 9.8
68 5.8 4.5 6.7



#22
Acetophenone
Concen: 45.496 ng
RT: 8.993 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:105 Resp: 1410082
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.8#
51 25.6 21.1 31.7
120 22.8 18.2 27.2

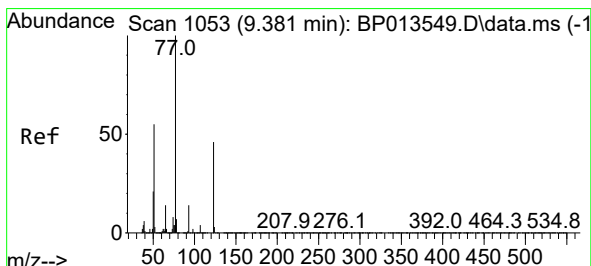
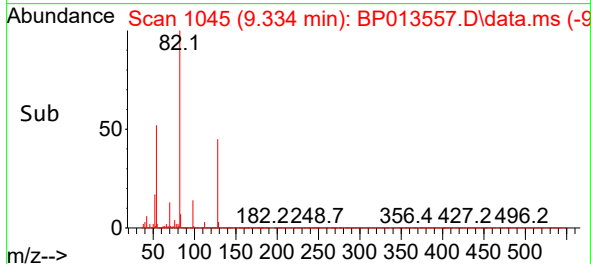
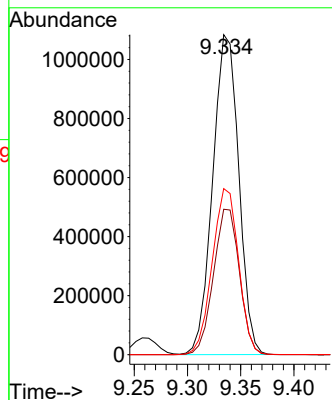
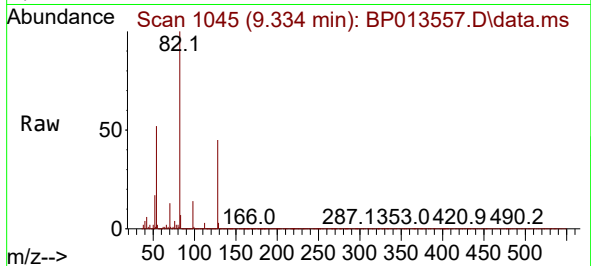




#23
Nitrobenzene-d5
Concen: 100.676 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

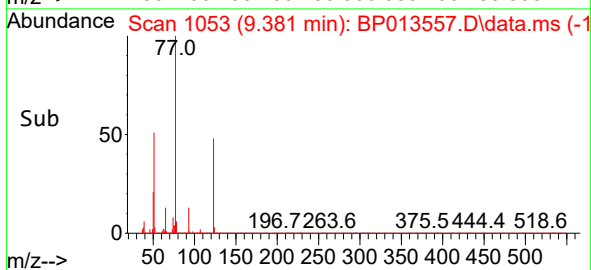
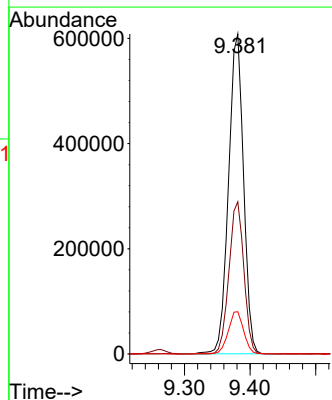
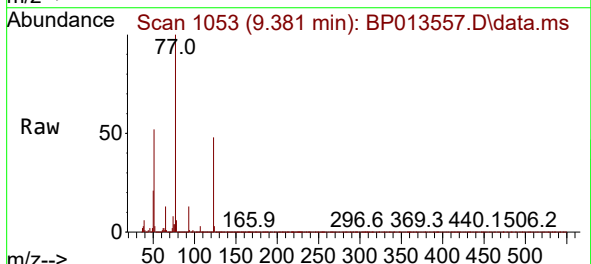
Instrument :
BNA_P
ClientSampleId :
PB150341BS

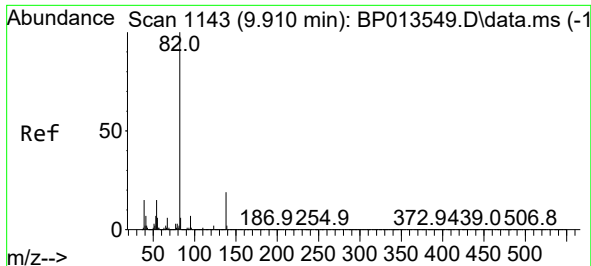
Tgt Ion: 82 Resp: 1842430
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.6
54 51.9 42.6 64.0



#24
Nitrobenzene
Concen: 49.052 ng
RT: 9.381 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 77 Resp: 965184
Ion Ratio Lower Upper
77 100
123 47.6 37.2 55.8
65 13.2 11.1 16.7

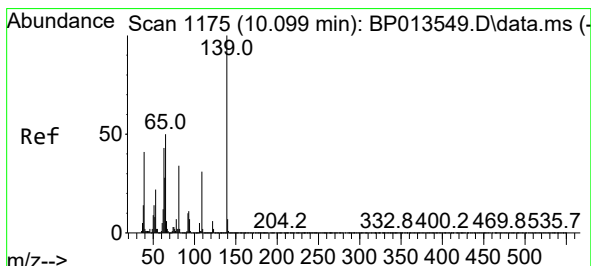
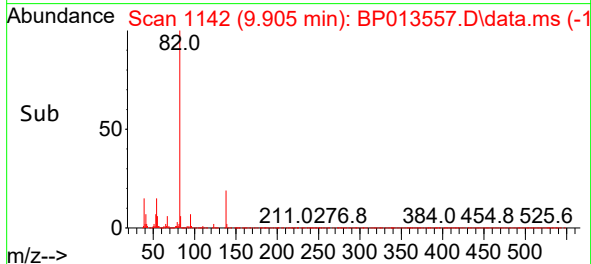
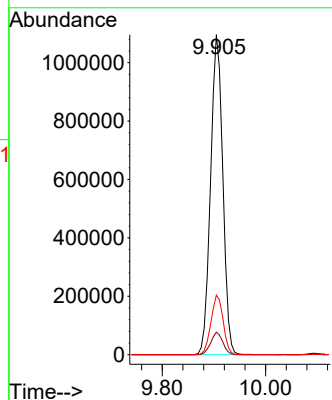
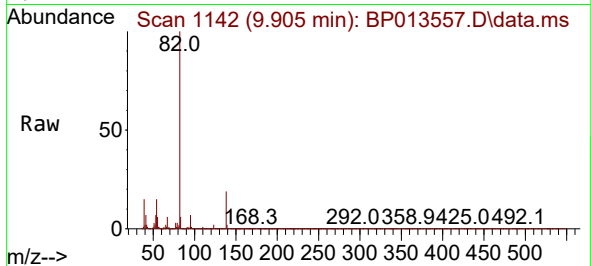




#25
Isophorone
Concen: 41.345 ng
RT: 9.905 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

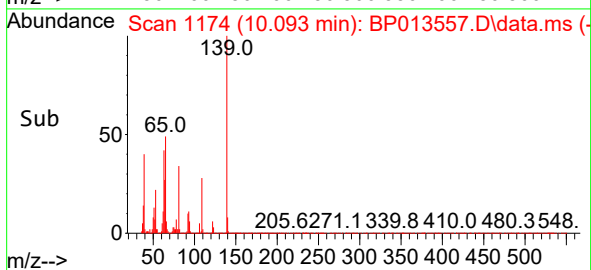
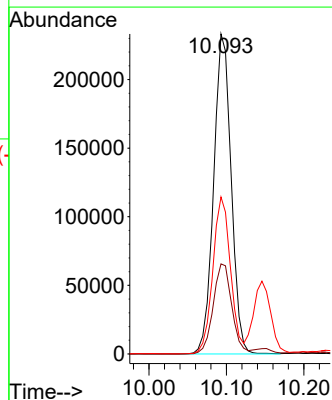
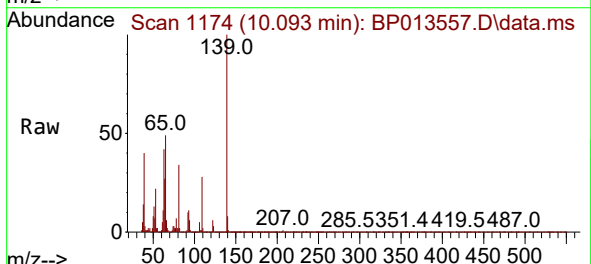
Instrument :
BNA_P
ClientSampleId :
PB150341BS

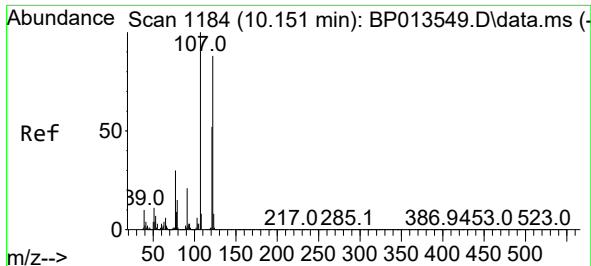
Tgt Ion: 82 Resp: 1794676
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 18.6 15.1 22.7



#26
2-Nitrophenol
Concen: 50.593 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 139 Resp: 367629
Ion Ratio Lower Upper
139 100
109 28.1 25.1 37.7
65 49.1 40.1 60.1

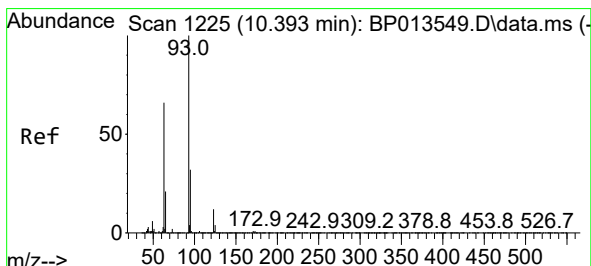
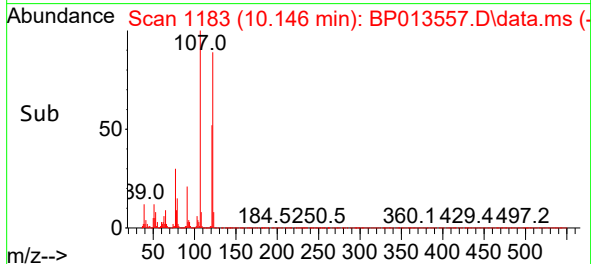
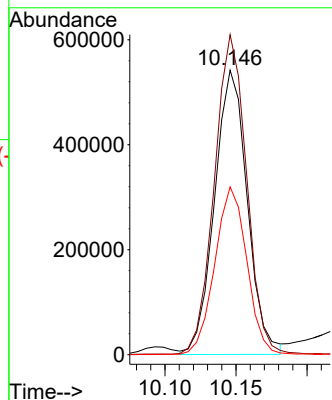
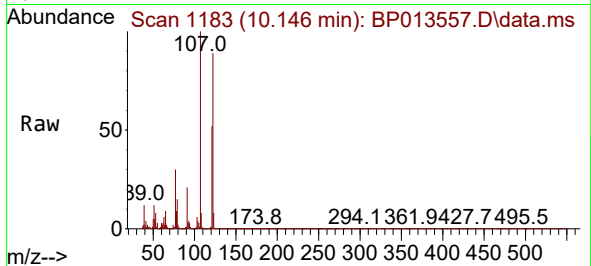




#27
2,4-Dimethylphenol
Concen: 46.357 ng
RT: 10.146 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

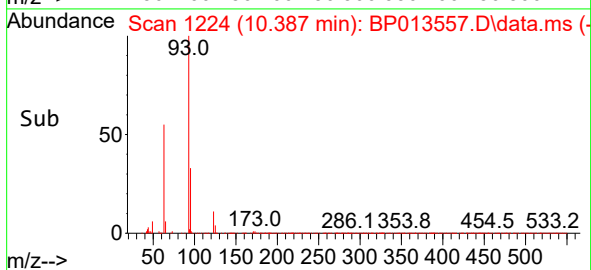
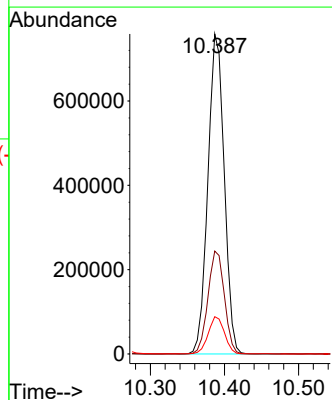
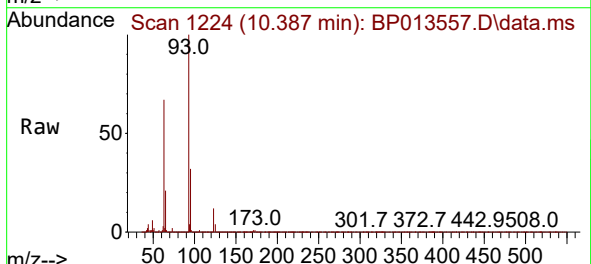
Instrument :
BNA_P
ClientSampleId :
PB150341BS

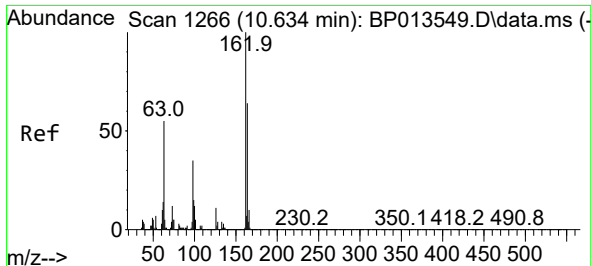
Tgt Ion:122 Resp: 868635
Ion Ratio Lower Upper
122 100
107 112.5 90.7 136.1
121 59.0 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.381 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 93 Resp: 1160945
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.569 ng

RT: 10.628 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

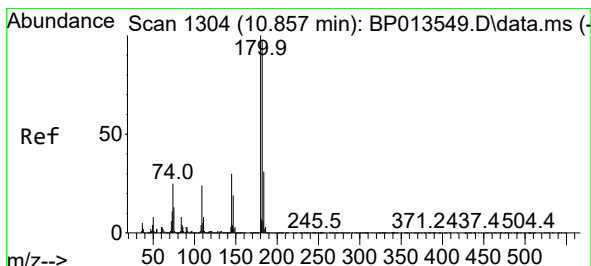
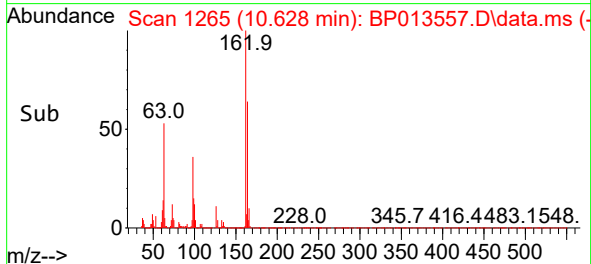
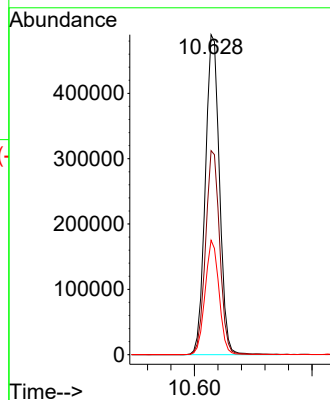
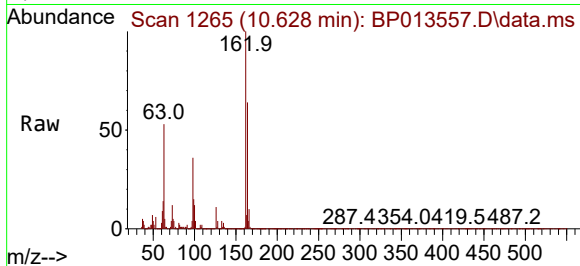
Tgt Ion:162 Resp: 819886

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

98 35.8 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 48.527 ng

RT: 10.852 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

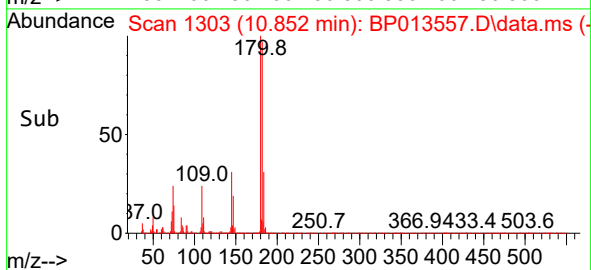
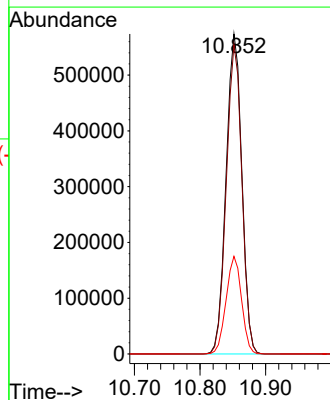
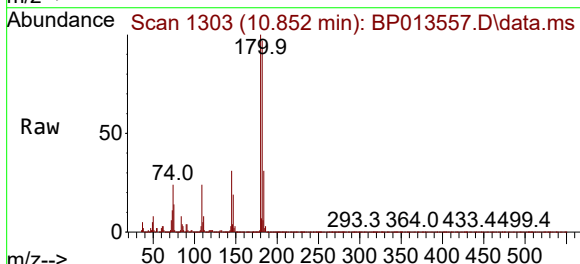
Tgt Ion:180 Resp: 954517

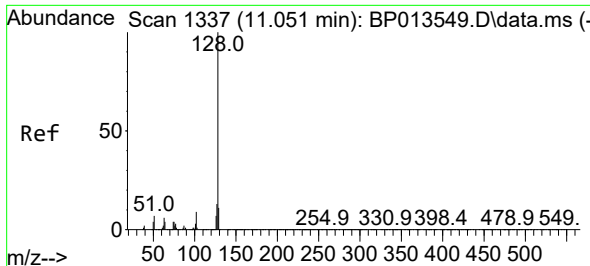
Ion Ratio Lower Upper

180 100

182 96.6 77.9 116.9

145 30.5 24.0 36.0

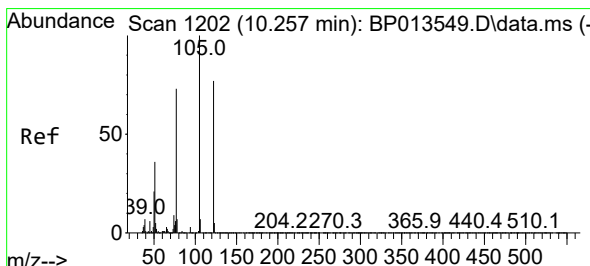
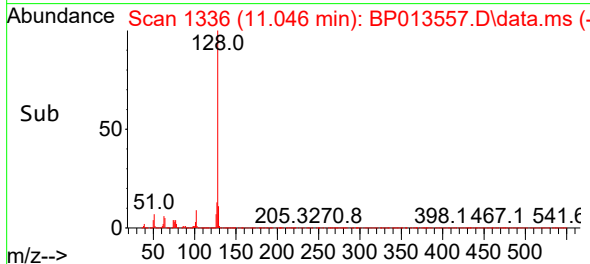
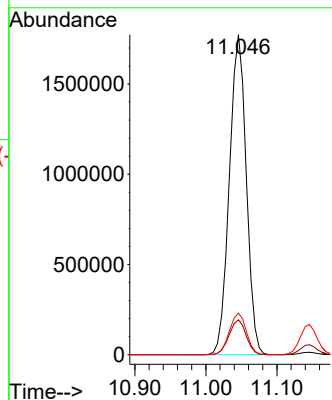
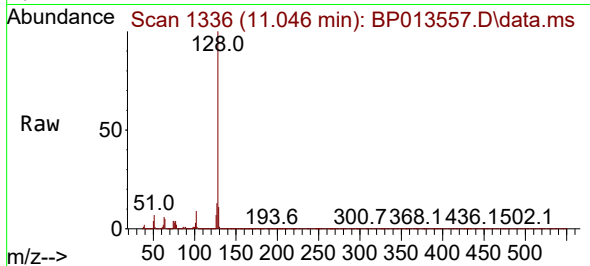




#31
Naphthalene
Concen: 45.155 ng
RT: 11.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

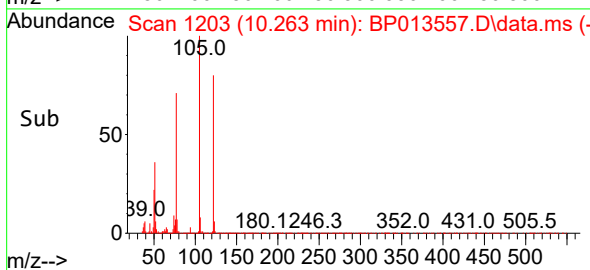
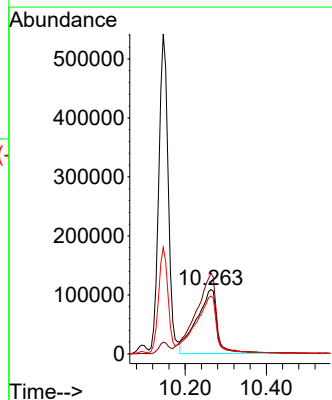
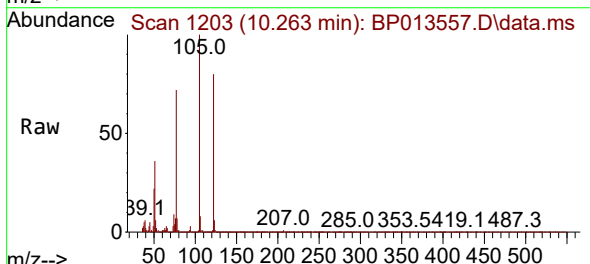
Instrument :
BNA_P
ClientSampleId :
PB150341BS

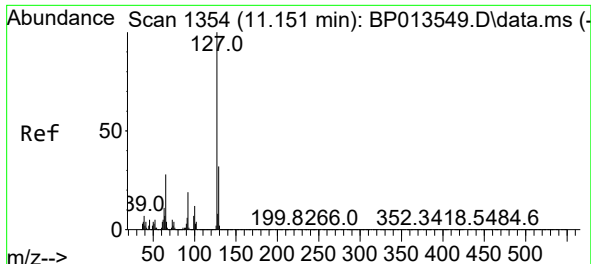
Tgt Ion:128 Resp: 2932821
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 44.333 ng
RT: 10.263 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:122 Resp: 381086
Ion Ratio Lower Upper
122 100
105 125.4 100.5 140.5
77 89.8 70.9 110.9

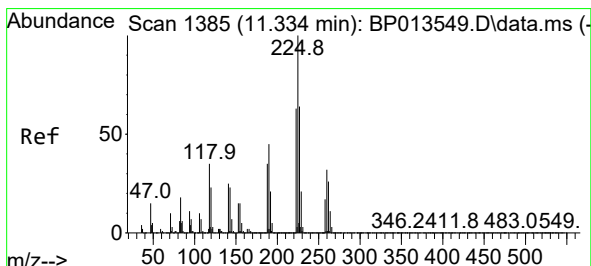
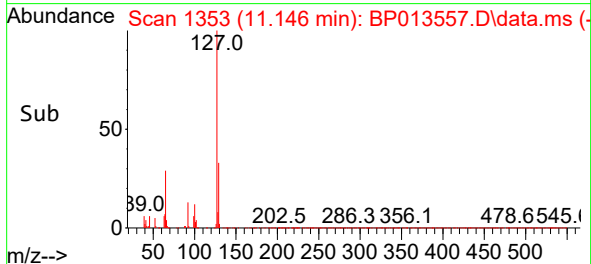
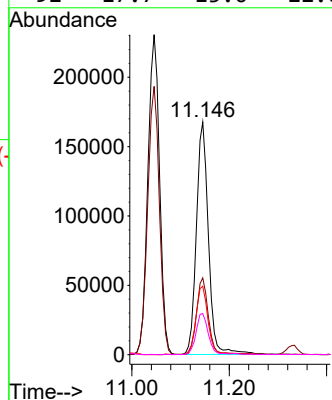
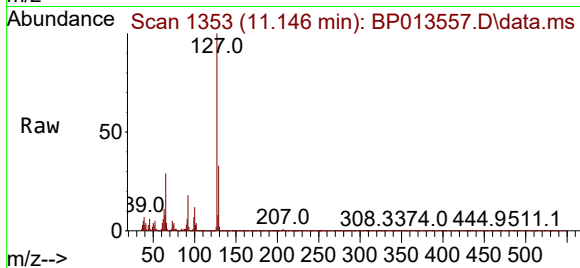




#33
4-Chloroaniline
Concen: 10.099 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

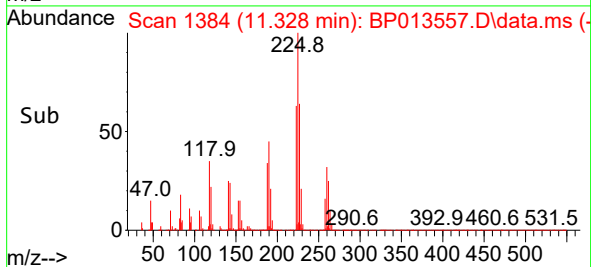
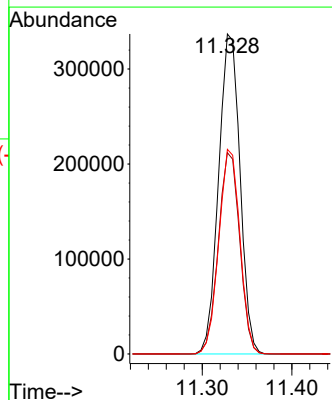
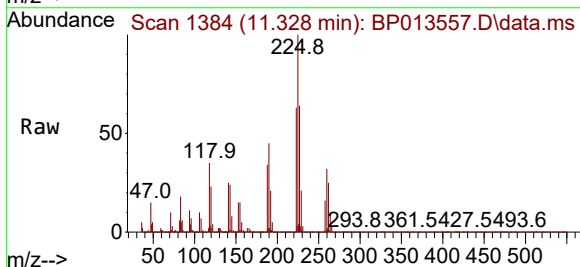
Instrument :
BNA_P
ClientSampleId :
PB150341BS

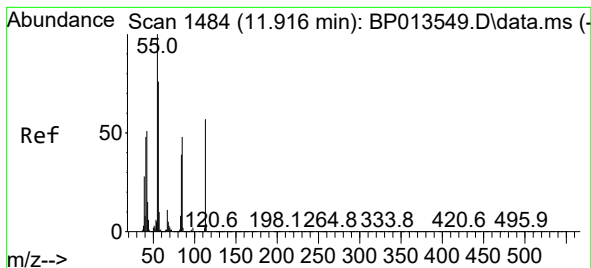
Tgt Ion:	127	Resp:	290244
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.7	38.5
65	29.4	22.7	34.1
92	17.7	15.0	22.6



#34
Hexachlorobutadiene
Concen: 48.742 ng
RT: 11.328 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:	225	Resp:	557930
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.9	51.4	77.2

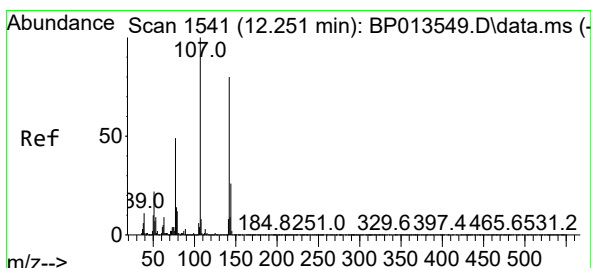
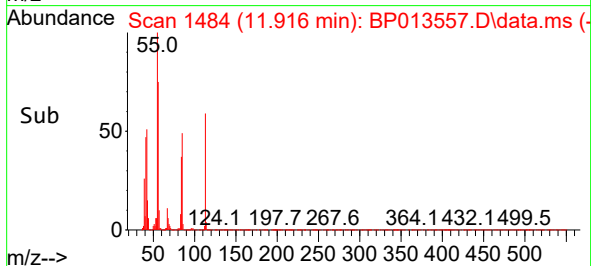
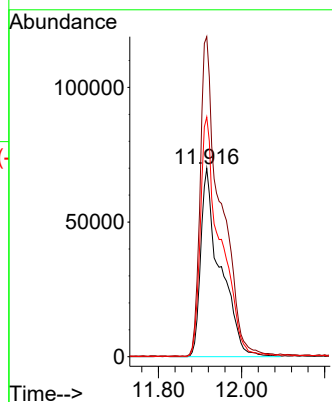
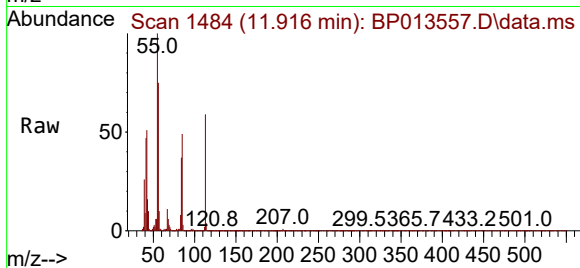




#35
 Caprolactam
 Concen: 40.640 ng
 RT: 11.916 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: BP013557.D
 Acq: 23 Jan 2023 20:56

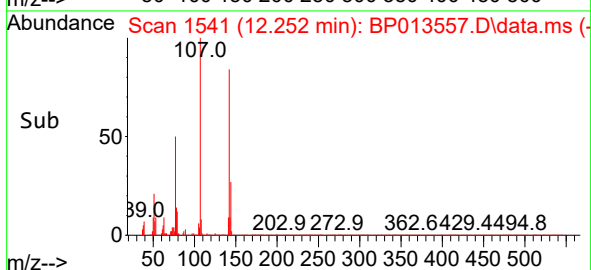
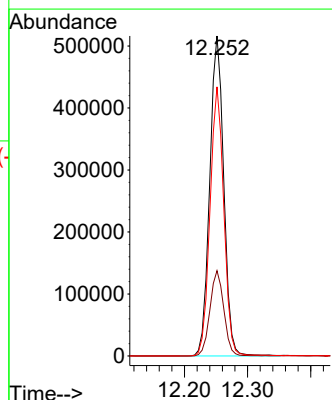
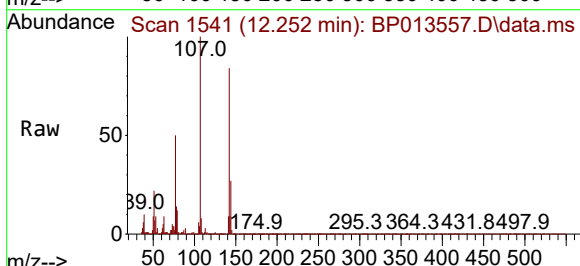
Instrument :
 BNA_P
 ClientSampleId :
 PB150341BS

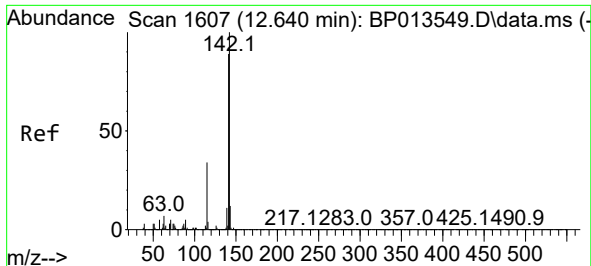
Tgt Ion:113 Resp: 227094
 Ion Ratio Lower Upper
 113 100
 55 169.9 156.5 196.5
 56 127.3 113.5 153.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.441 ng
 RT: 12.252 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: BP013557.D
 Acq: 23 Jan 2023 20:56

Tgt Ion:107 Resp: 796643
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.1 31.7
 142 84.1 64.0 96.0

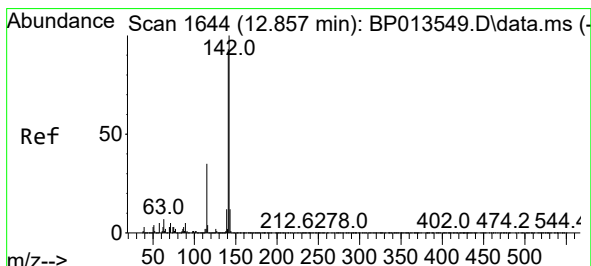
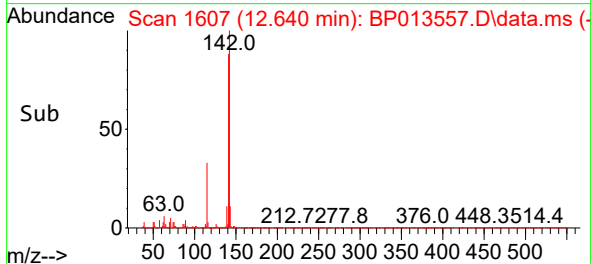
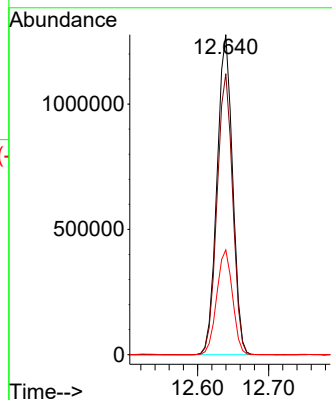
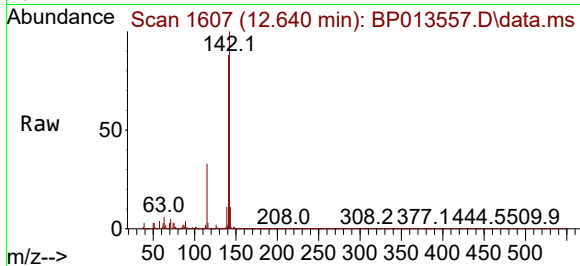




#37
2-Methylnaphthalene
Concen: 41.954 ng
RT: 12.640 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

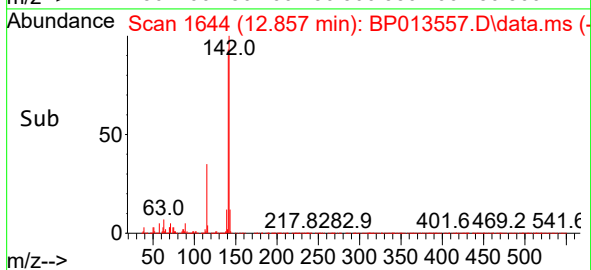
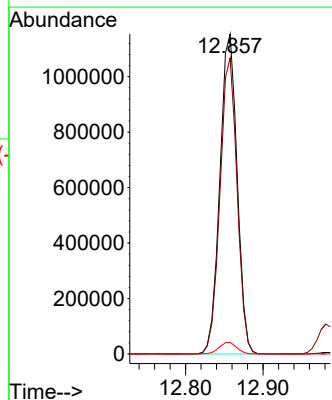
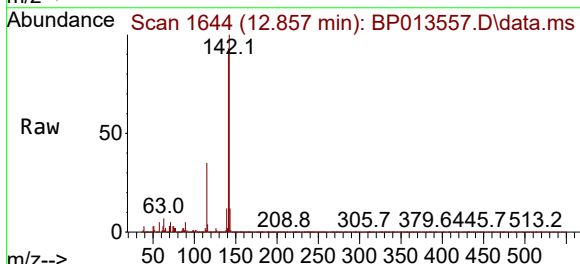
Instrument :
BNA_P
ClientSampleId :
PB150341BS

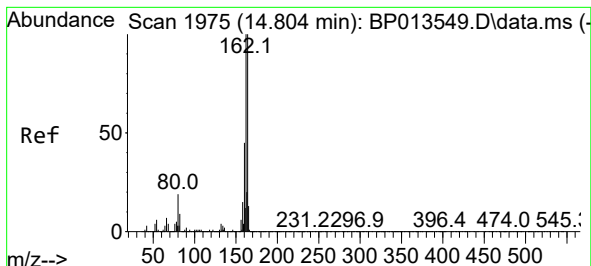
Tgt Ion:142 Resp: 1936882
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 32.7 27.4 41.2



#38
1-Methylnaphthalene
Concen: 41.131 ng
RT: 12.857 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:142 Resp: 1784304
Ion Ratio Lower Upper
142 100
141 92.5 74.3 111.5
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.799 min Scan# 1975

Delta R.T. -0.005 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

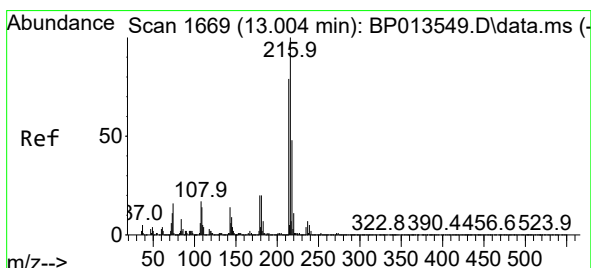
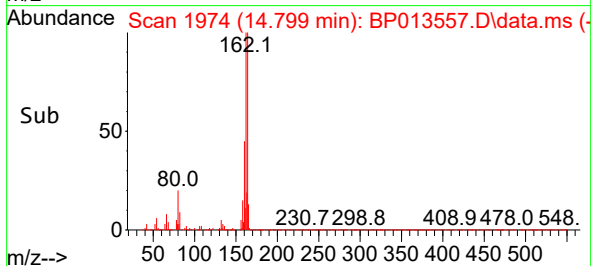
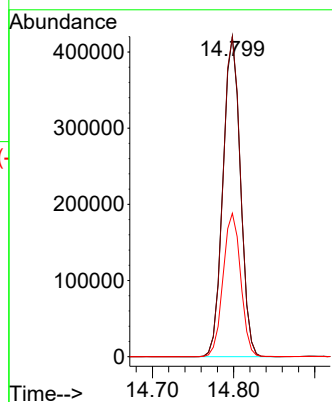
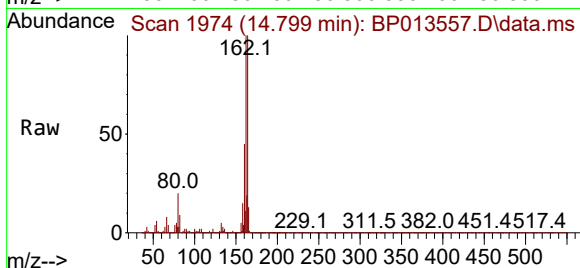
Tgt Ion:164 Resp: 627280

Ion Ratio Lower Upper

164 100

162 100.1 80.1 120.1

160 44.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.803 ng

RT: 12.999 min Scan# 1668

Delta R.T. -0.005 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Tgt Ion:216 Resp: 961798

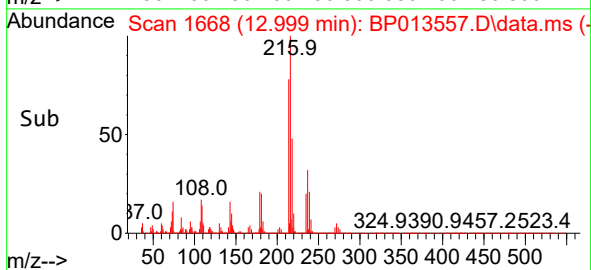
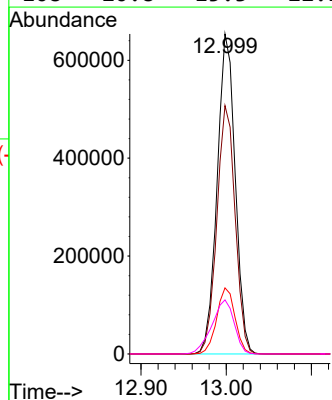
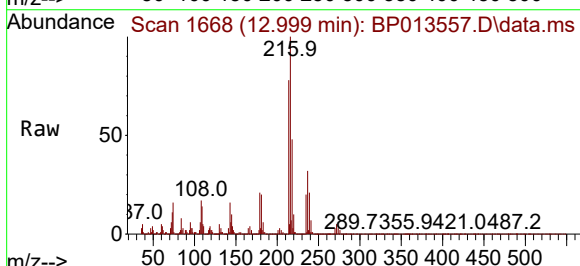
Ion Ratio Lower Upper

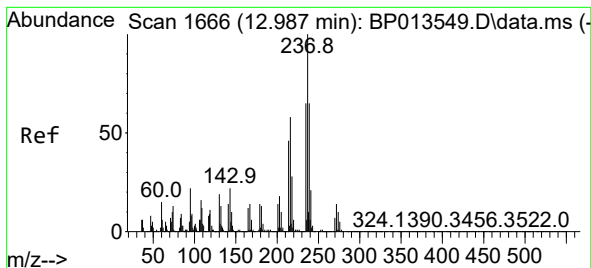
216 100

214 78.7 62.9 94.3

179 21.0 16.6 24.8

108 20.8 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 123.086 ng

RT: 12.981 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

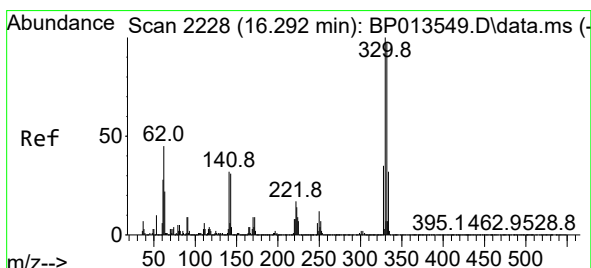
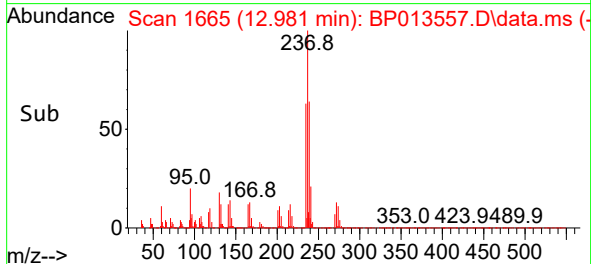
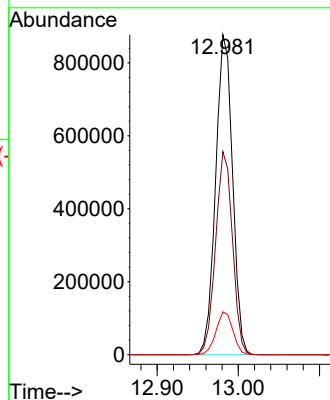
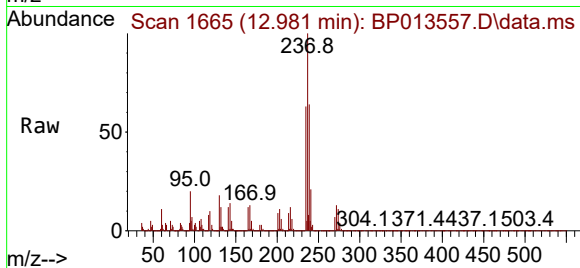
Tgt Ion:237 Resp: 1270330

Ion Ratio Lower Upper

237 100

235 63.5 44.6 84.6

272 13.4 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 153.971 ng

RT: 16.287 min Scan# 2227

Delta R.T. -0.005 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

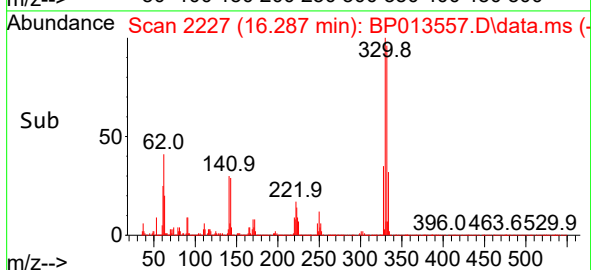
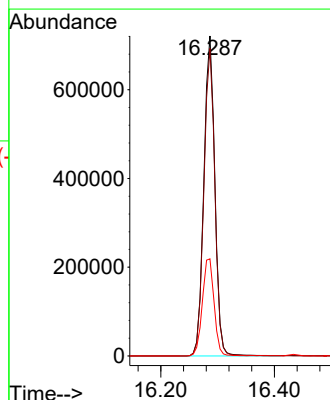
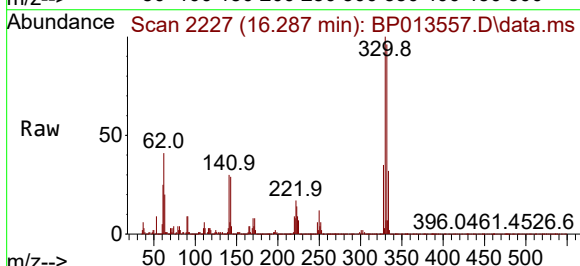
Tgt Ion:330 Resp: 968768

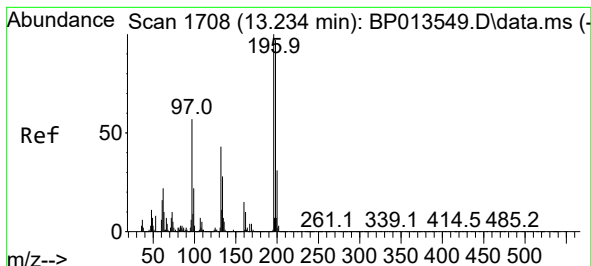
Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

141 32.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 50.504 ng

RT: 13.234 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

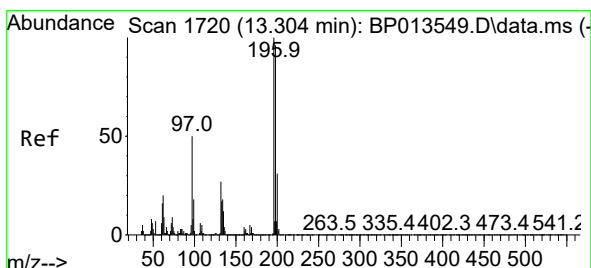
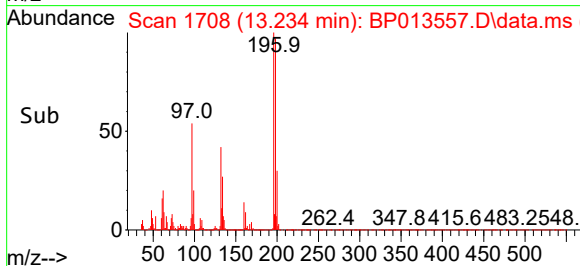
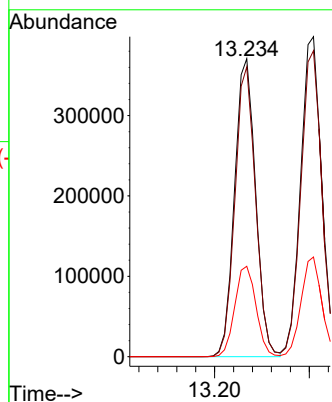
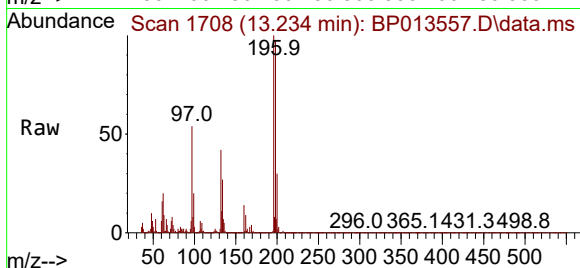
Tgt Ion:196 Resp: 570841

Ion Ratio Lower Upper

196 100

198 97.3 77.3 115.9

200 30.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 46.378 ng

RT: 13.304 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Tgt Ion:196 Resp: 619438

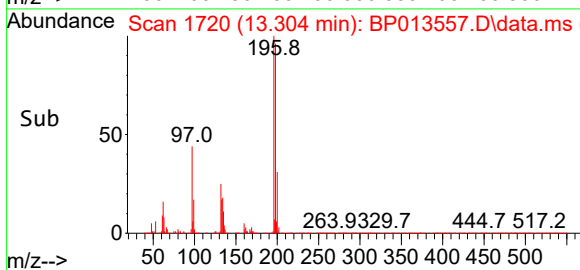
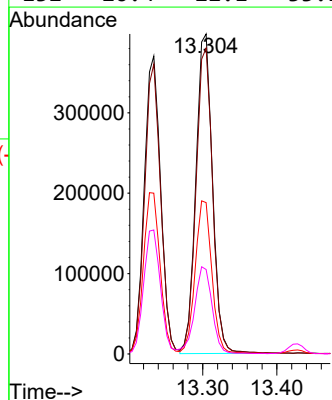
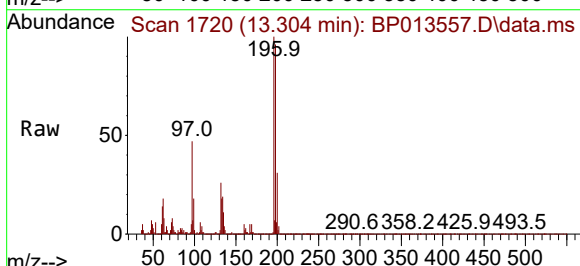
Ion Ratio Lower Upper

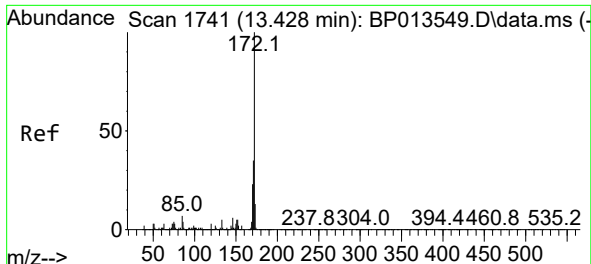
196 100

198 95.6 76.7 115.1

97 47.3 40.0 60.0

132 26.4 22.1 33.1

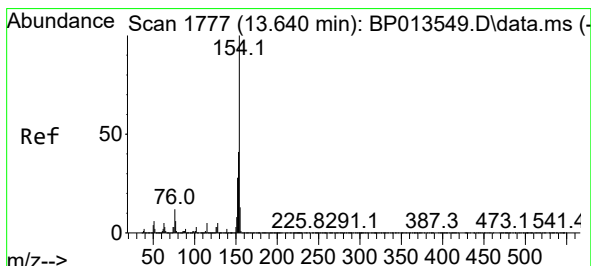
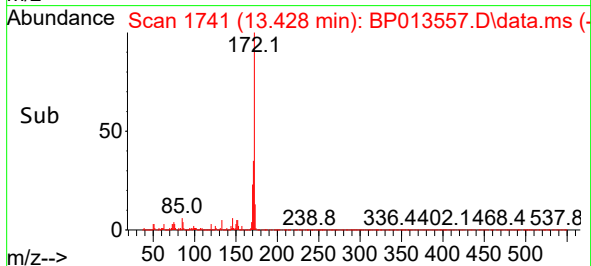
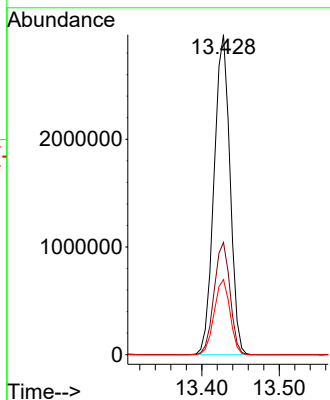
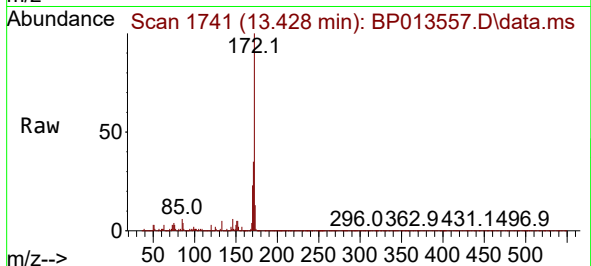




#45
2-Fluorobiphenyl
Concen: 92.940 ng
RT: 13.428 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

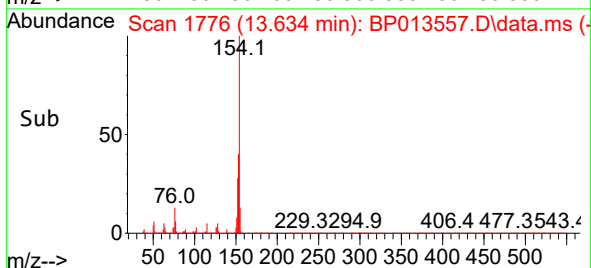
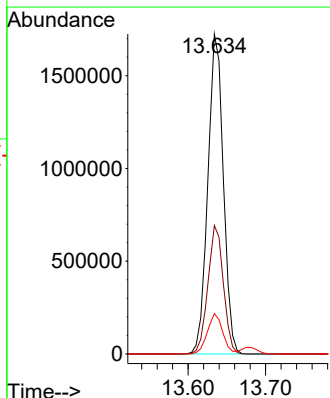
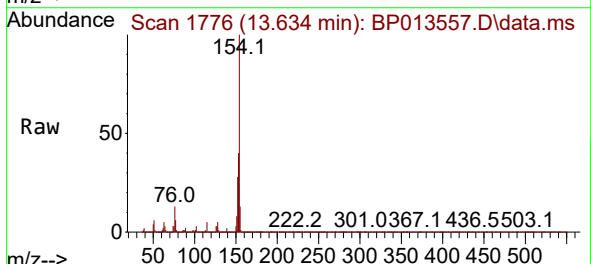
Instrument :
BNA_P
ClientSampleId :
PB150341BS

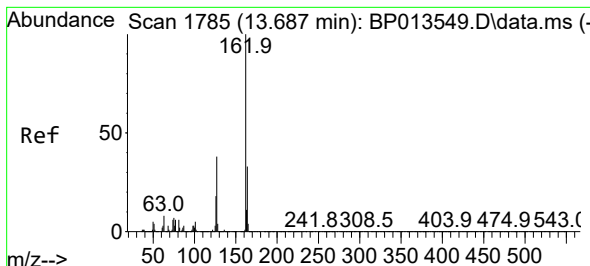
Tgt Ion:172 Resp: 4247194
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 47.484 ng
RT: 13.634 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:154 Resp: 2392128
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 12.6 0.0 32.1

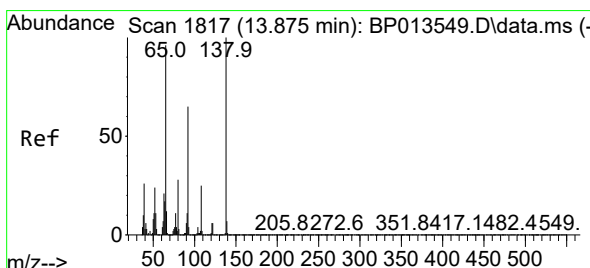
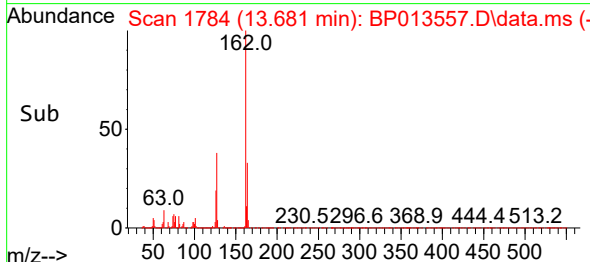
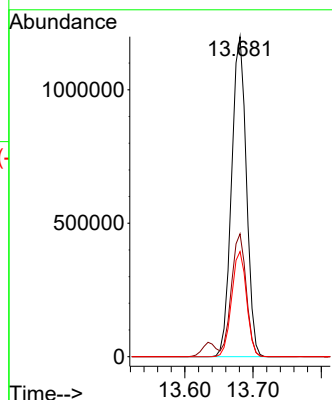
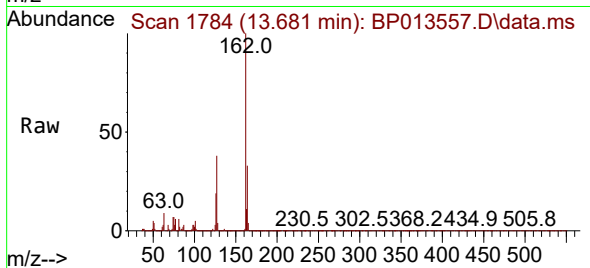




#47
2-Chloronaphthalene
Concen: 48.072 ng
RT: 13.681 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

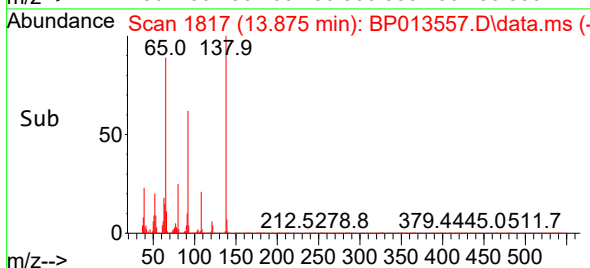
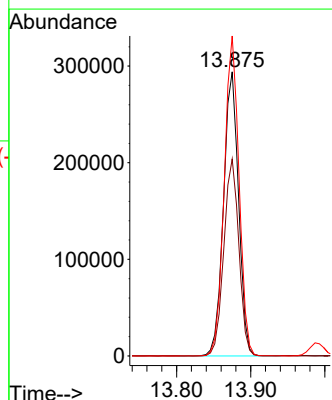
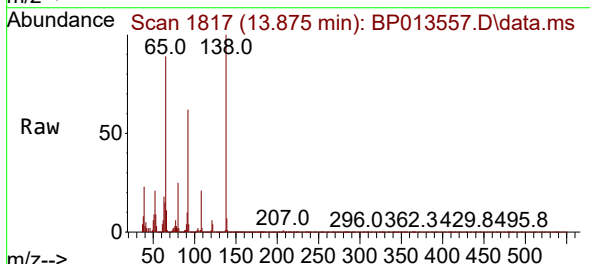
Instrument :
BNA_P
ClientSampleId :
PB150341BS

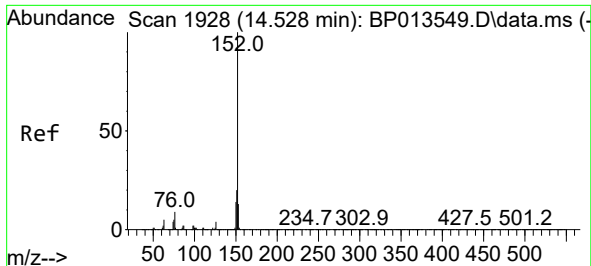
Tgt Ion:162 Resp: 1814293
Ion Ratio Lower Upper
162 100
127 38.4 30.8 46.2
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 44.482 ng
RT: 13.875 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion: 65 Resp: 414876
Ion Ratio Lower Upper
65 100
92 69.3 54.1 81.1
138 112.6 83.6 125.4

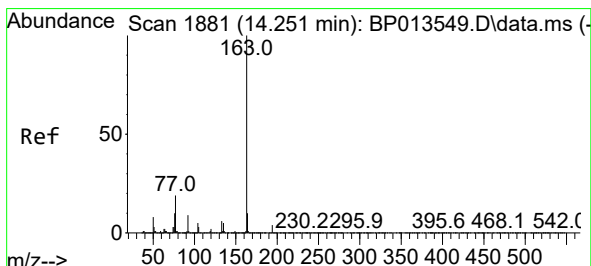
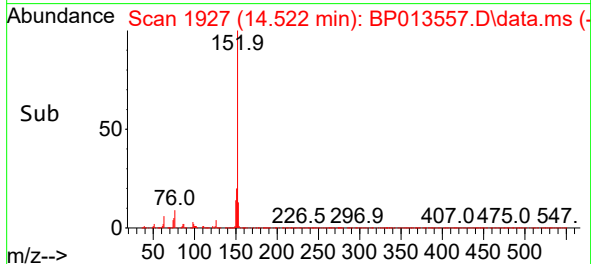
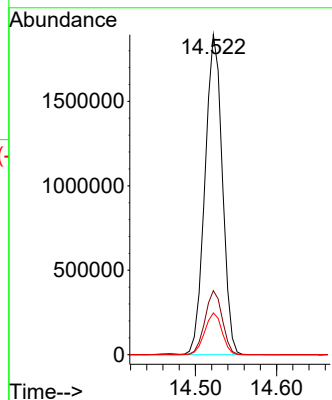
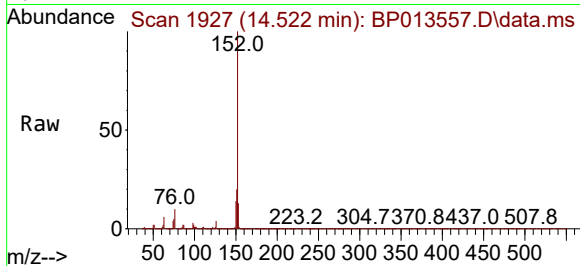




#49
Acenaphthylene
Concen: 45.469 ng
RT: 14.522 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

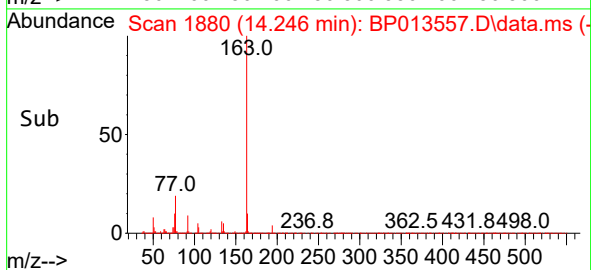
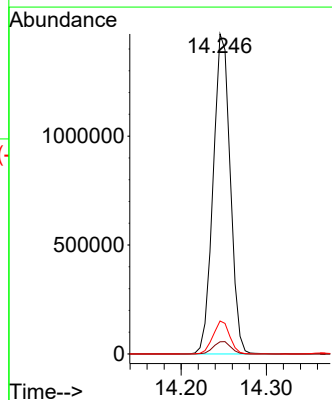
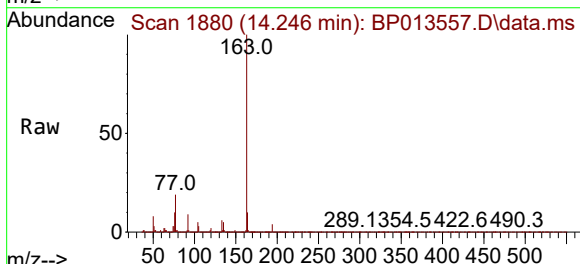
Instrument :
BNA_P
ClientSampleId :
PB150341BS

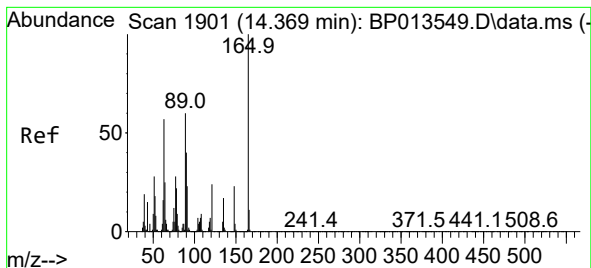
Tgt Ion:152 Resp: 2806402
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.1 15.1



#50
Dimethylphthalate
Concen: 43.856 ng
RT: 14.246 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:163 Resp: 2044961
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.1 12.1

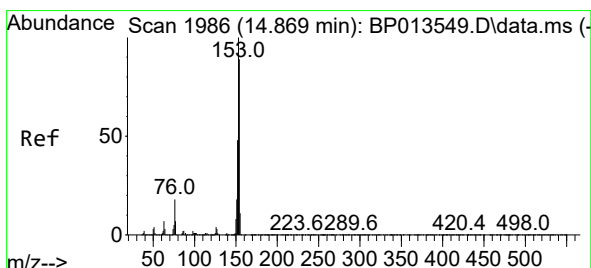
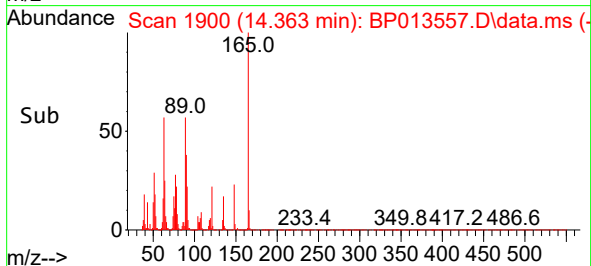
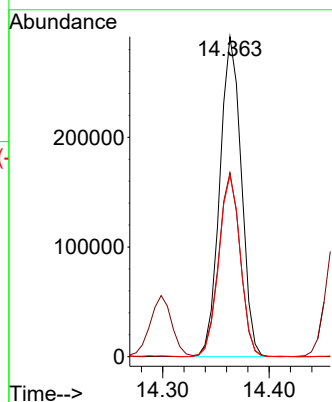
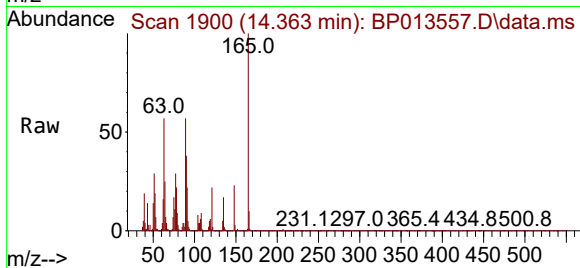




#51
2,6-Dinitrotoluene
Concen: 45.113 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

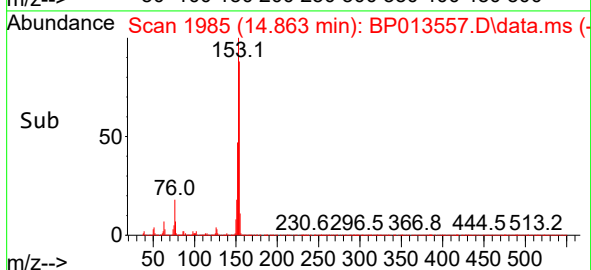
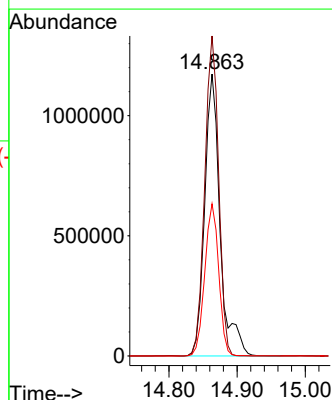
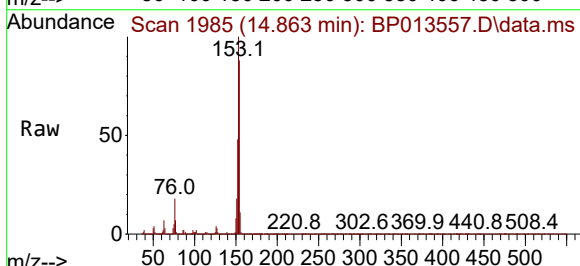
Instrument :
BNA_P
ClientSampleId :
PB150341BS

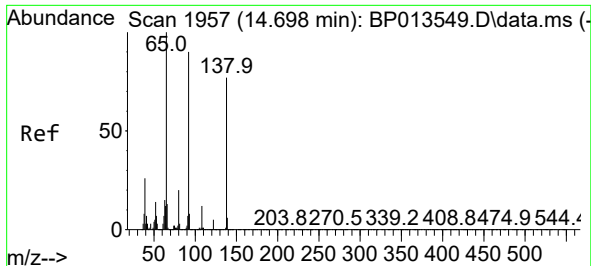
Tgt Ion:165 Resp: 407848
Ion Ratio Lower Upper
165 100
63 57.5 47.2 70.8
89 56.7 47.8 71.6



#52
Acenaphthene
Concen: 48.364 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:154 Resp: 1843955
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.0
152 54.0 42.7 64.1

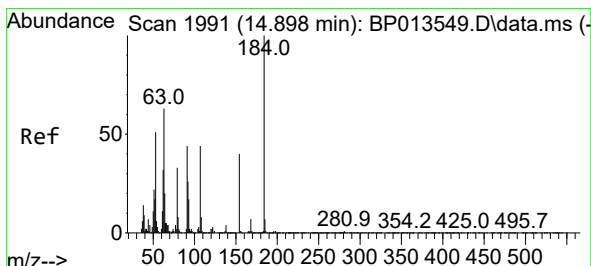
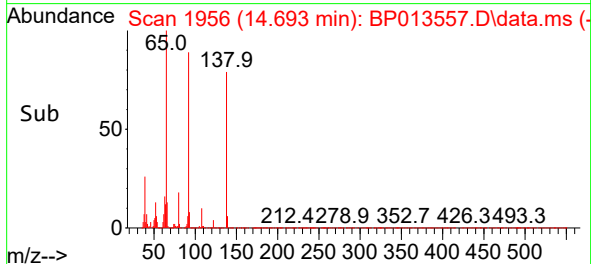
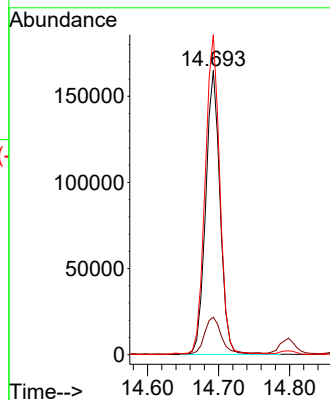
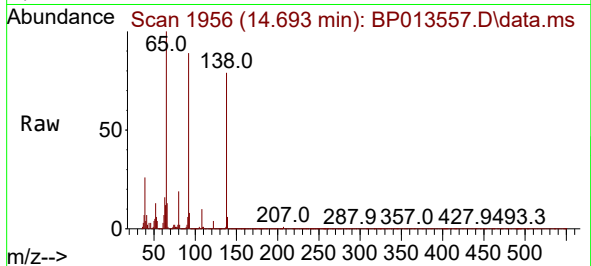




#53
3-Nitroaniline
Concen: 25.124 ng
RT: 14.693 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

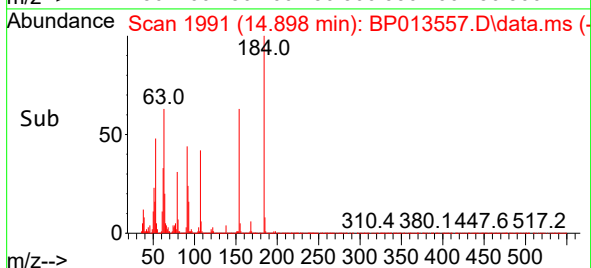
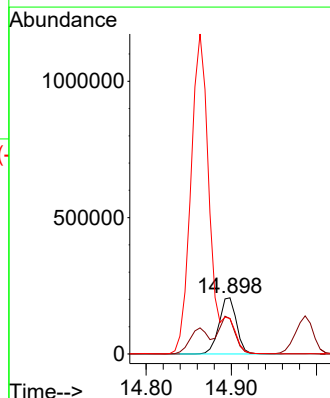
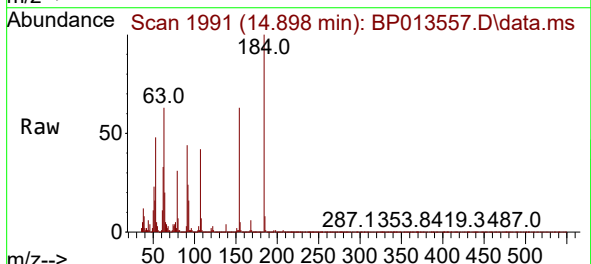
Instrument :
BNA_P
ClientSampleId :
PB150341BS

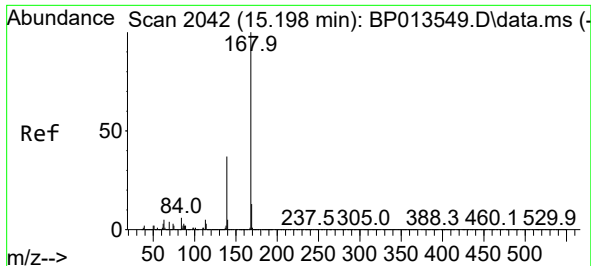
Tgt Ion:138 Resp: 231603
Ion Ratio Lower Upper
138 100
108 13.2 12.8 19.2
92 112.6 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 83.876 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:184 Resp: 293308
Ion Ratio Lower Upper
184 100
63 63.0 53.2 79.8
154 63.2 54.4 81.6

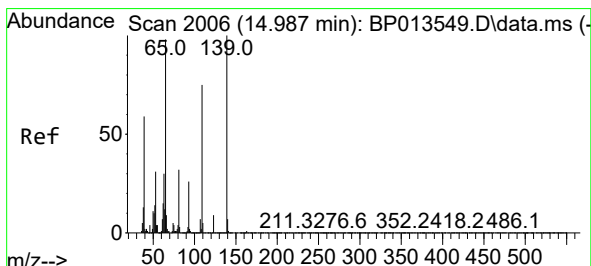
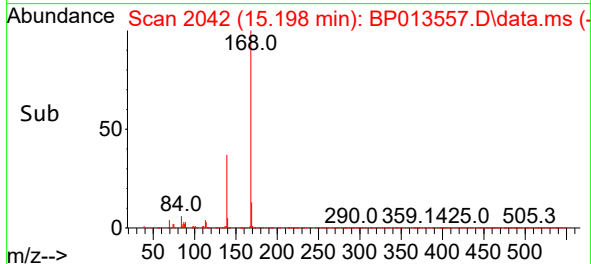
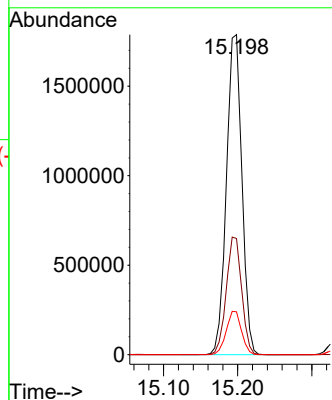
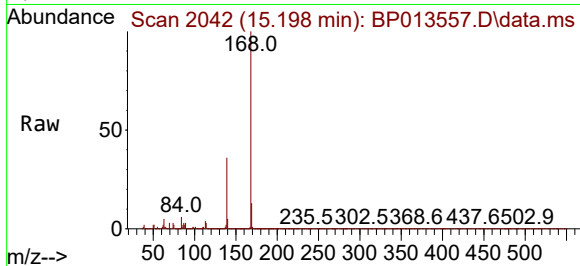




#55
Dibenzofuran
Concen: 44.274 ng
RT: 15.198 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

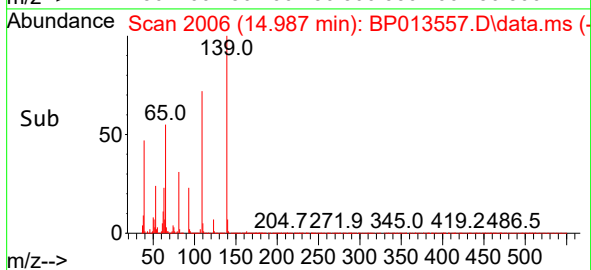
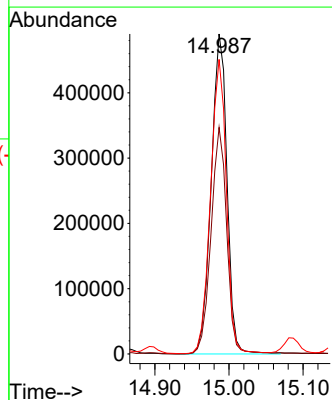
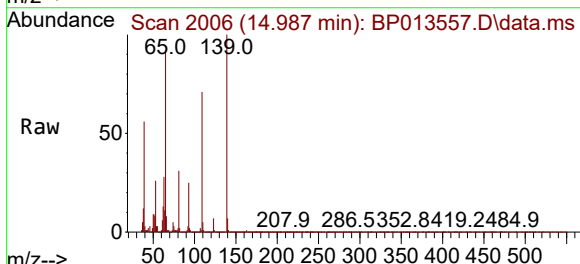
Instrument :
BNA_P
ClientSampleId :
PB150341BS

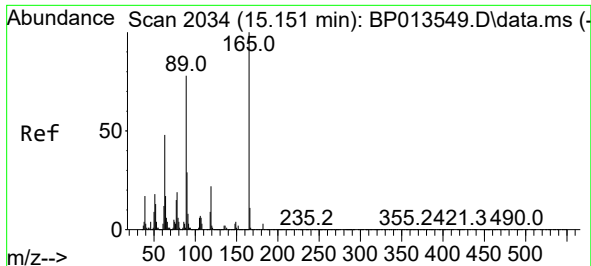
Tgt Ion:168 Resp: 2588413
Ion Ratio Lower Upper
168 100
139 36.3 29.9 44.9
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 91.047 ng
RT: 14.987 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:139 Resp: 725164
Ion Ratio Lower Upper
139 100
109 70.8 55.0 95.0
65 92.1 77.7 117.7

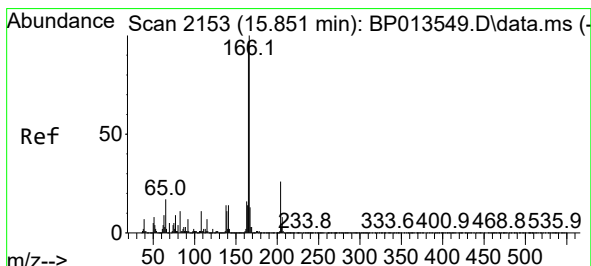
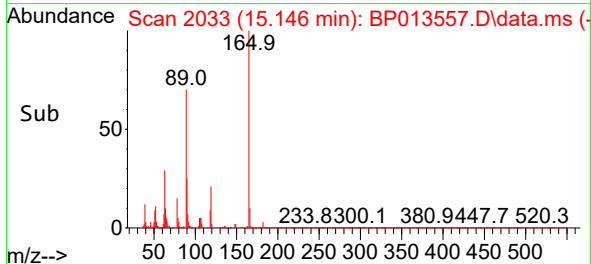
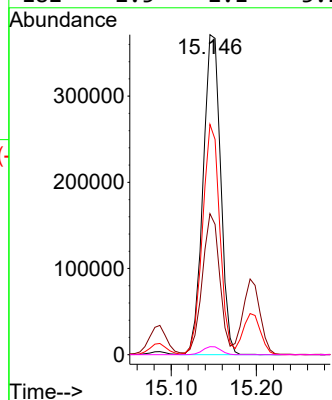
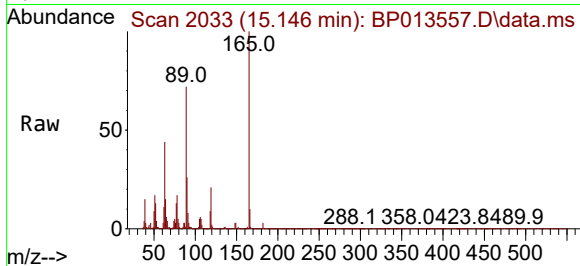




#57
2,4-Dinitrotoluene
Concen: 48.974 ng
RT: 15.146 min Scan# 2033
Delta R.T. -0.005 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

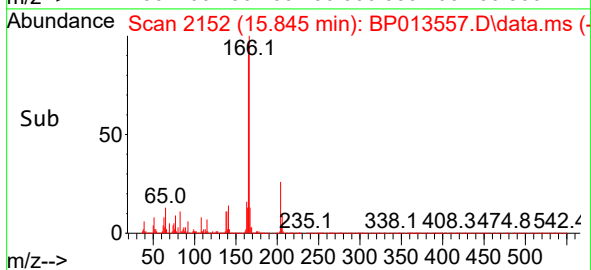
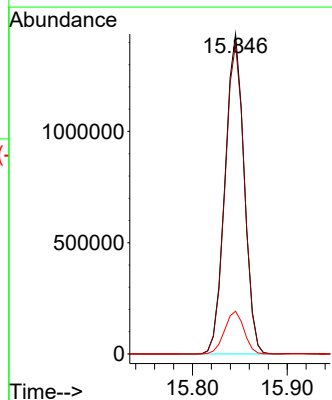
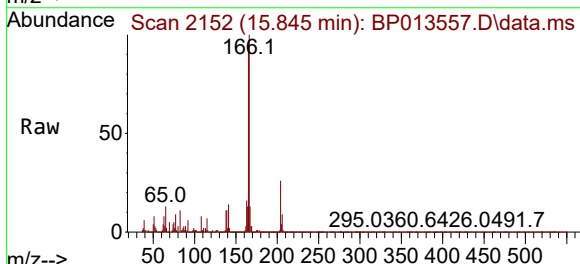
Instrument :
BNA_P
ClientSampleId :
PB150341BS

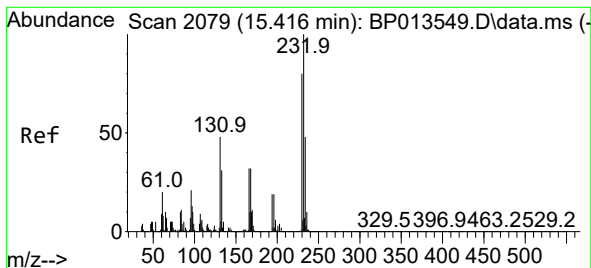
Tgt Ion:165 Resp: 530601
Ion Ratio Lower Upper
165 100
63 44.1 38.3 57.5
89 71.9 62.1 93.1
182 2.5 2.1 3.1



#58
Fluorene
Concen: 43.446 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:166 Resp: 2018828
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.4 10.7 16.1

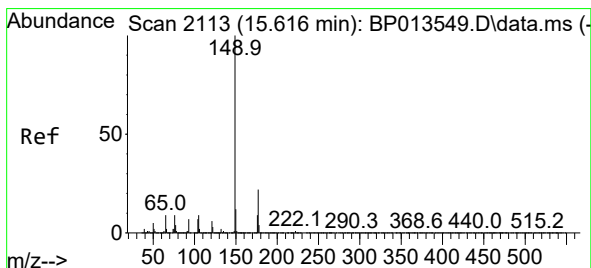
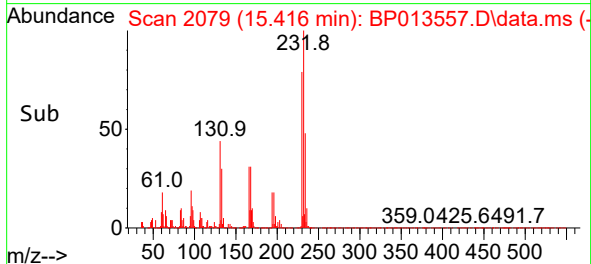
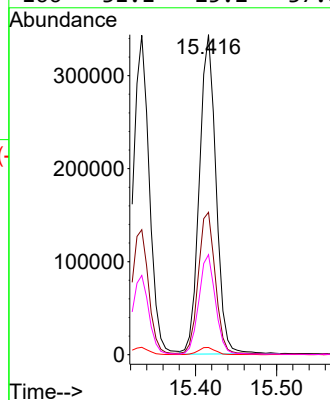
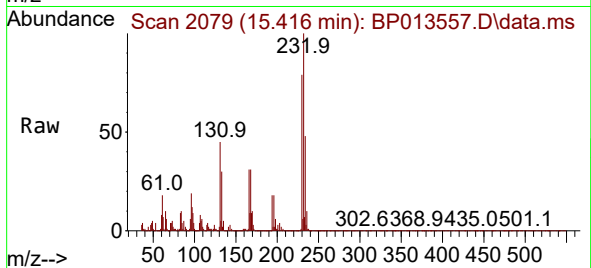




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.850 ng
RT: 15.416 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

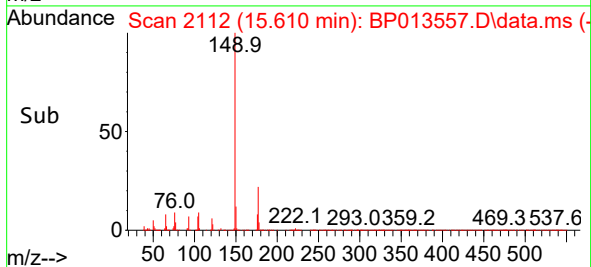
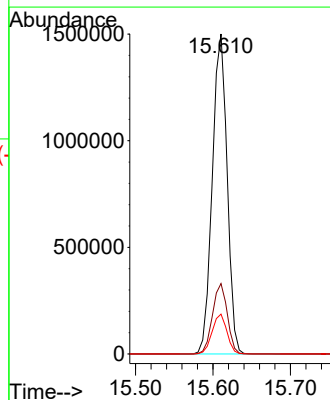
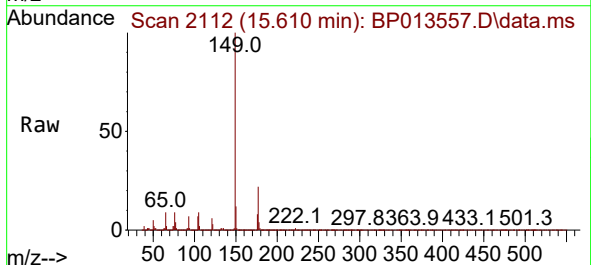
Instrument :
BNA_P
ClientSampleId :
PB150341BS

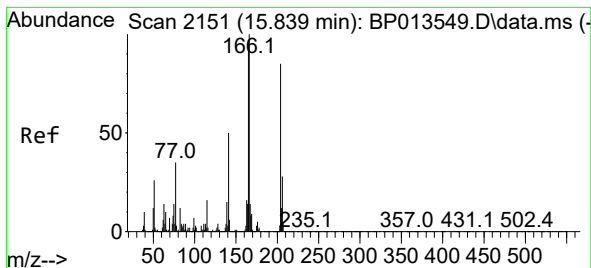
Tgt Ion:232 Resp: 490726
Ion Ratio Lower Upper
232 100
131 45.8 37.1 55.7
130 2.4 1.9 2.9
166 31.1 25.2 37.8



#60
Diethylphthalate
Concen: 43.704 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:149 Resp: 1990380
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.4 9.8 14.6

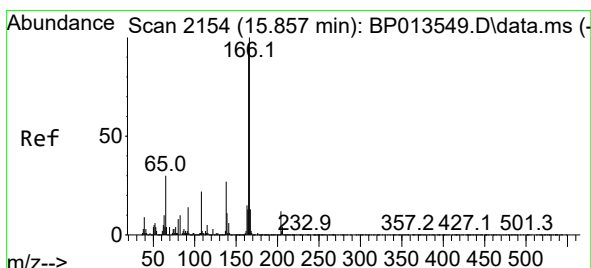
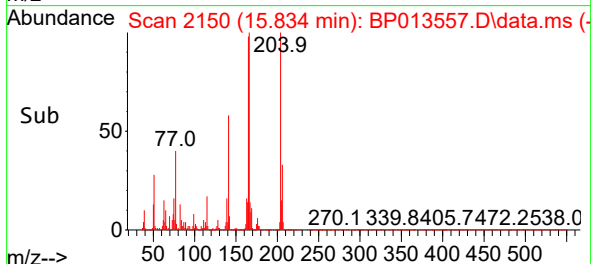
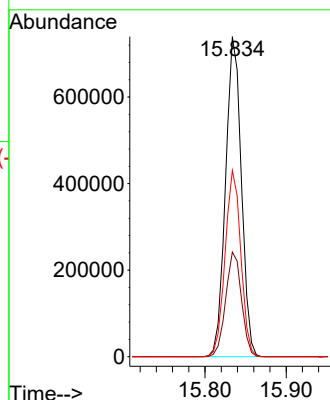
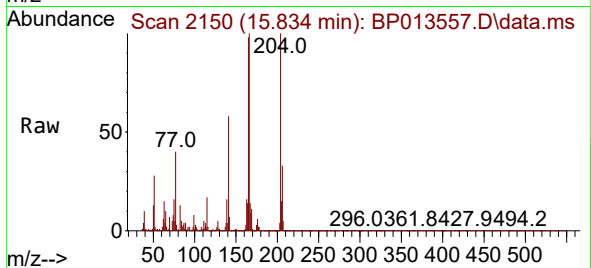




#61
4-Chlorophenyl-phenylether
Concen: 43.795 ng
RT: 15.834 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

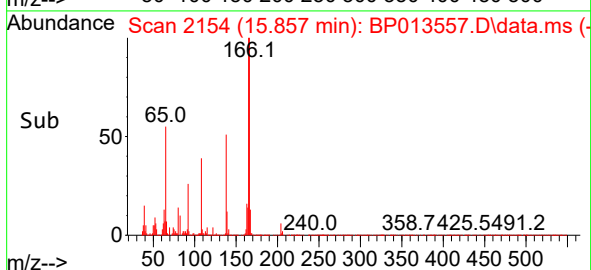
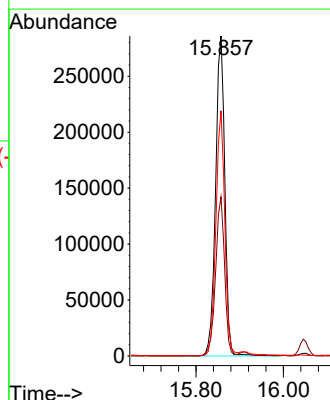
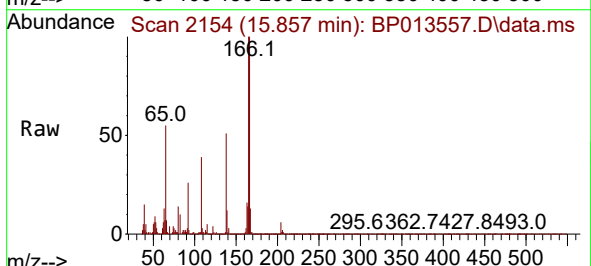
Instrument :
BNA_P
ClientSampleId :
PB150341BS

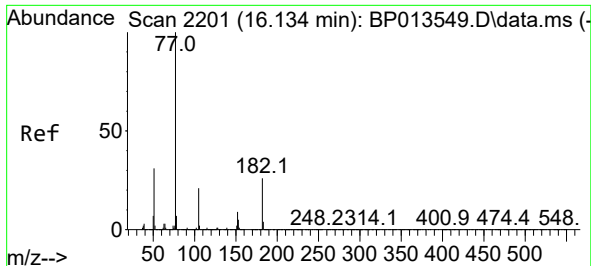
Tgt Ion:204 Resp: 1000654
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 58.2 47.0 70.4



#62
4-Nitroaniline
Concen: 42.671 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:138 Resp: 420835
Ion Ratio Lower Upper
138 100
92 49.7 32.3 72.3
108 76.7 59.2 99.2

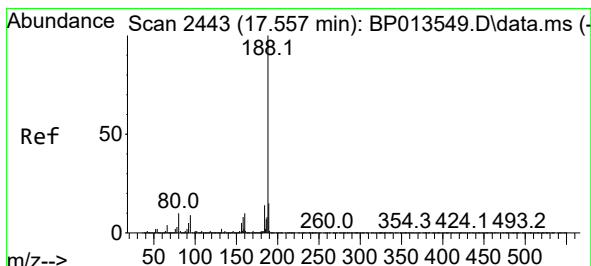
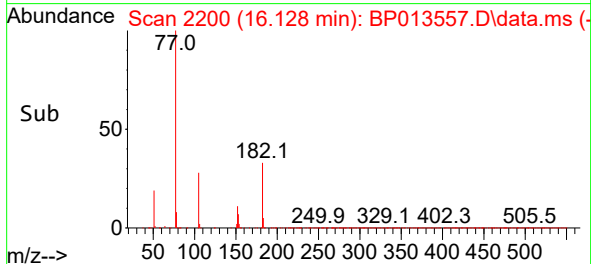
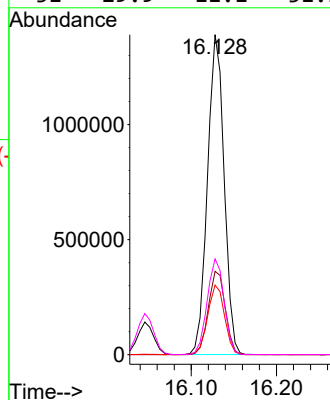
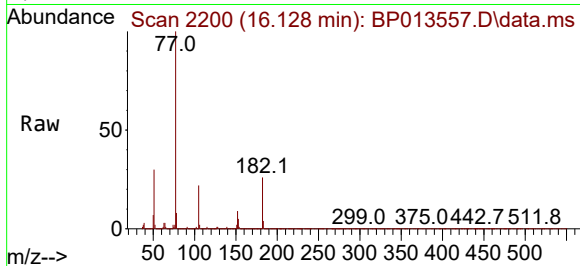




#63
Azobenzene
Concen: 42.534 ng
RT: 16.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

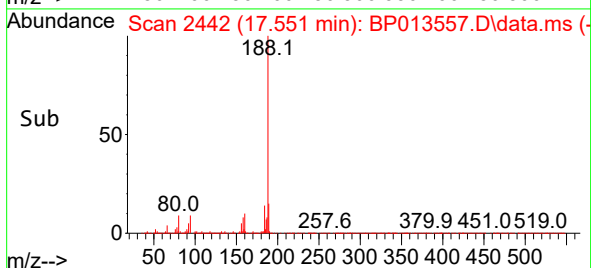
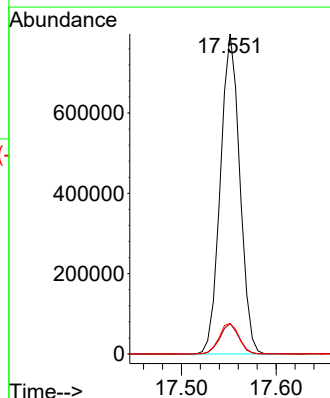
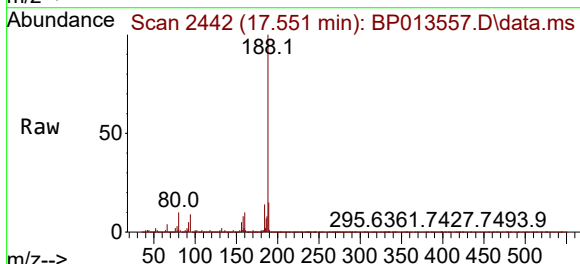
Instrument :
BNA_P
ClientSampleId :
PB150341BS

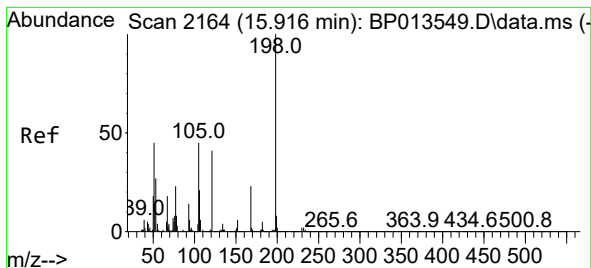
Tgt Ion: 77 Resp: 1882282
Ion Ratio Lower Upper
77 100
182 26.0 5.5 45.5
105 21.7 1.4 41.4
51 29.9 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:188 Resp: 1135634
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.5 8.2 12.2

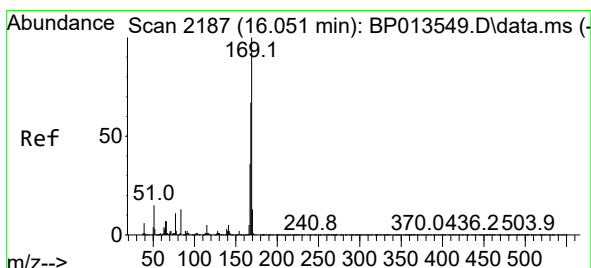
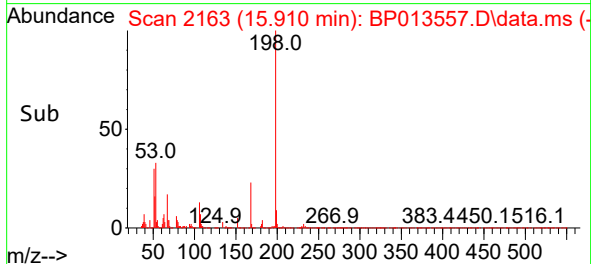
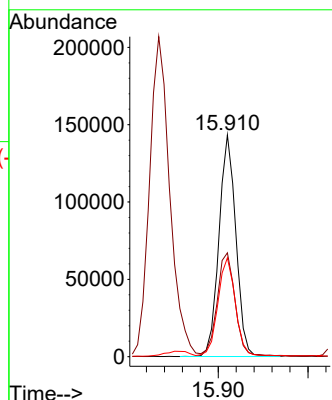
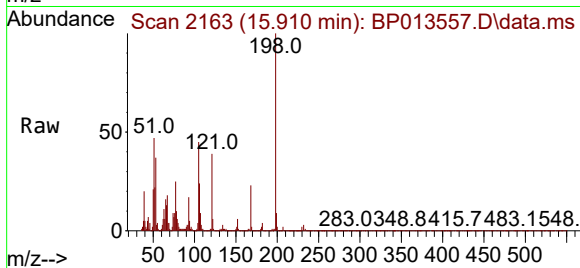




#65
4,6-Dinitro-2-methylphenol
Concen: 51.041 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

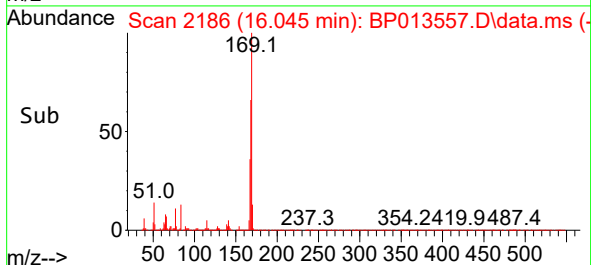
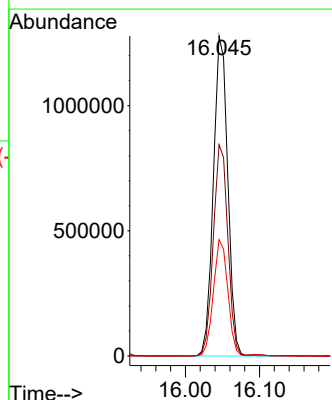
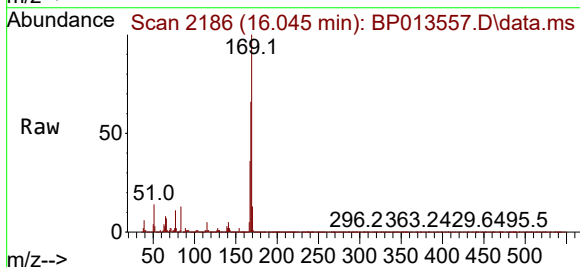
Instrument :
BNA_P
ClientSampleId :
PB150341BS

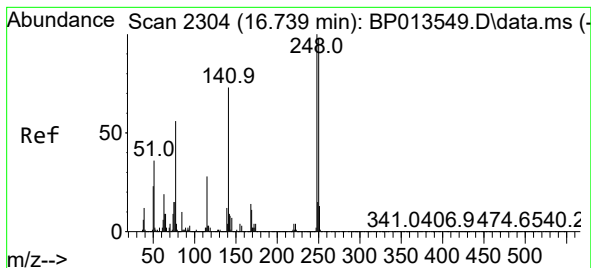
Tgt Ion:198 Resp: 187438
Ion Ratio Lower Upper
198 100
51 46.8 30.4 70.4
105 44.6 26.4 66.4



#66
n-Nitrosodiphenylamine
Concen: 46.561 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:169 Resp: 1724339
Ion Ratio Lower Upper
169 100
168 66.0 54.0 81.0
167 36.3 29.0 43.6

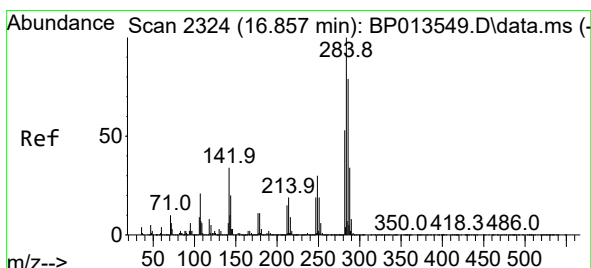
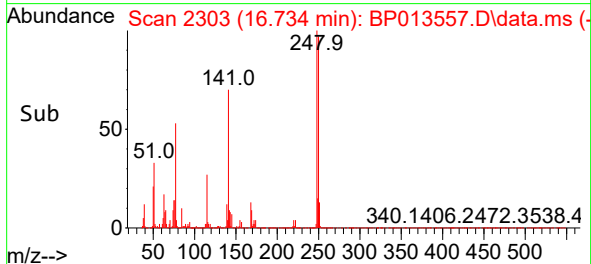
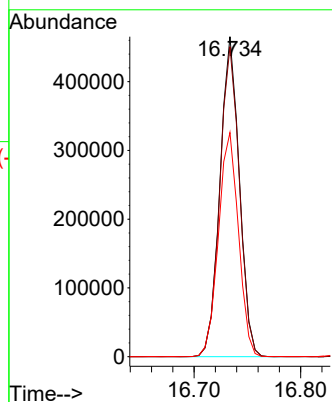
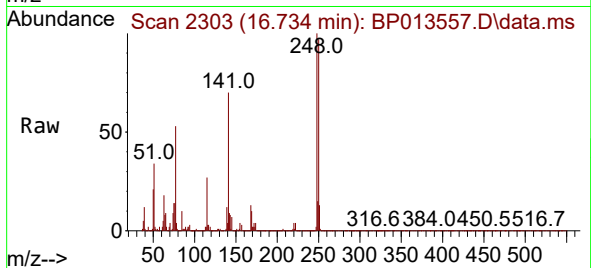




#67
4-Bromophenyl-phenylether
Concen: 46.726 ng
RT: 16.734 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

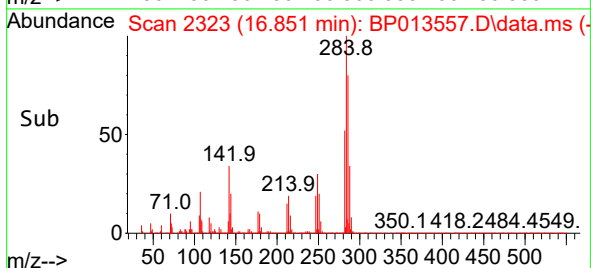
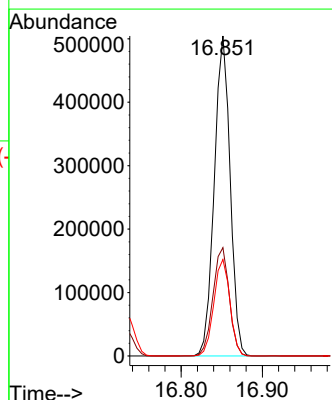
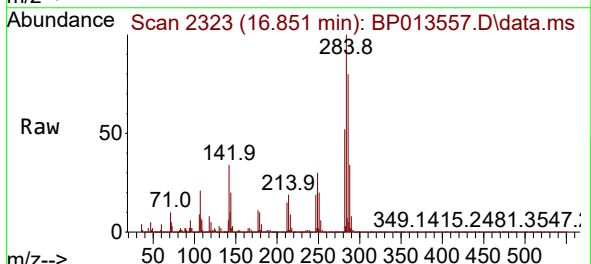
Instrument :
BNA_P
ClientSampleId :
PB150341BS

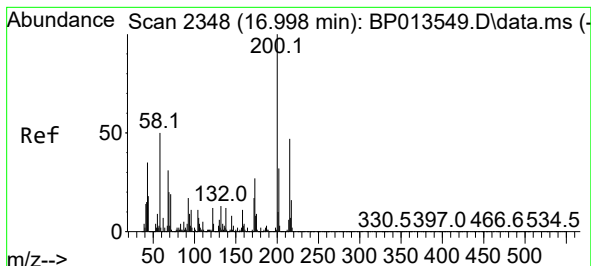
Tgt Ion:248 Resp: 587782
Ion Ratio Lower Upper
248 100
250 96.9 78.1 117.1
141 70.0 58.1 87.1



#68
Hexachlorobenzene
Concen: 50.367 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:284 Resp: 684373
Ion Ratio Lower Upper
284 100
142 33.8 27.3 40.9
249 30.1 24.0 36.0





#69

Atrazine

Concen: 52.475 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

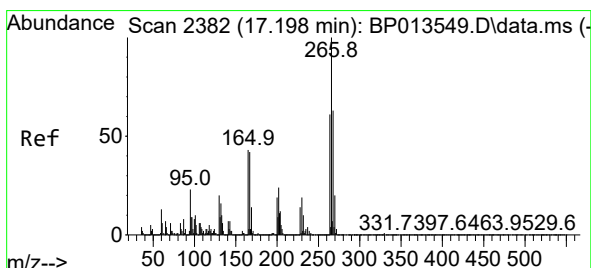
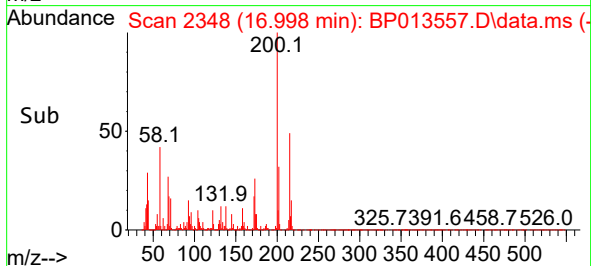
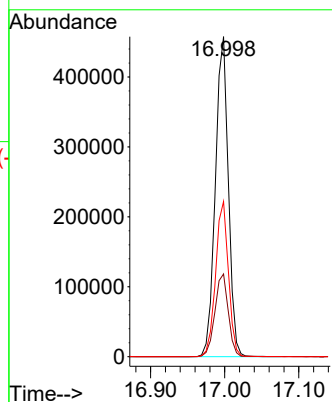
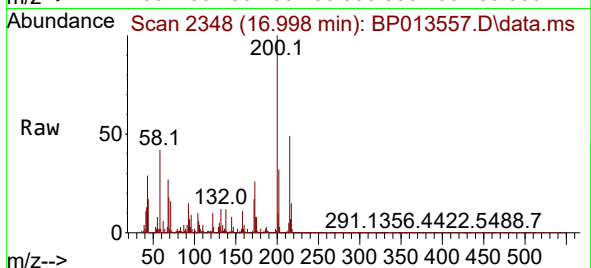
Tgt Ion:200 Resp: 556038

Ion Ratio Lower Upper

200 100

173 25.9 7.2 47.2

215 48.5 27.3 67.3



#70

Pentachlorophenol

Concen: 82.754 ng

RT: 17.192 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

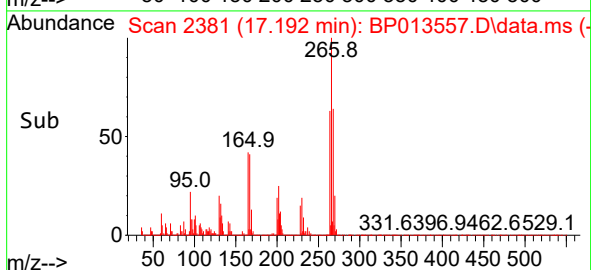
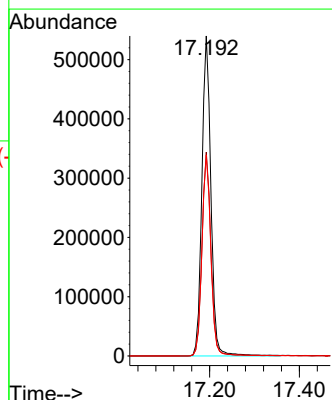
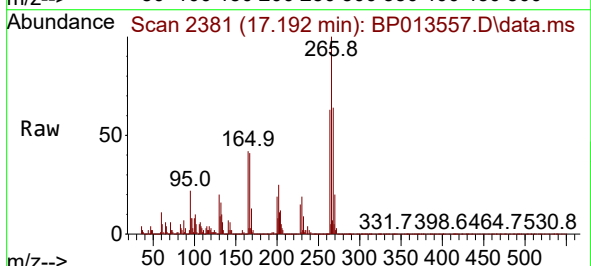
Tgt Ion:266 Resp: 752263

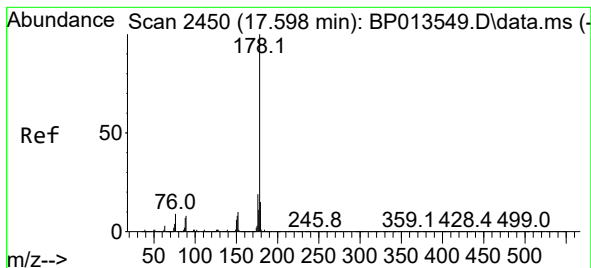
Ion Ratio Lower Upper

266 100

268 63.7 50.7 76.1

264 62.8 48.9 73.3





#71

Phenanthrene

Concen: 46.311 ng

RT: 17.592 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

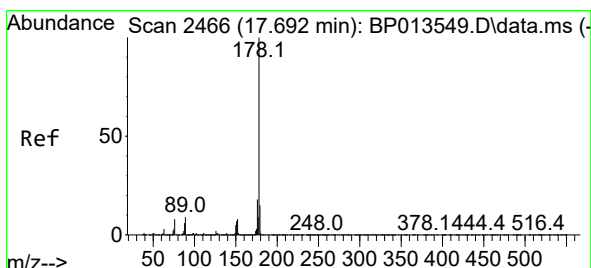
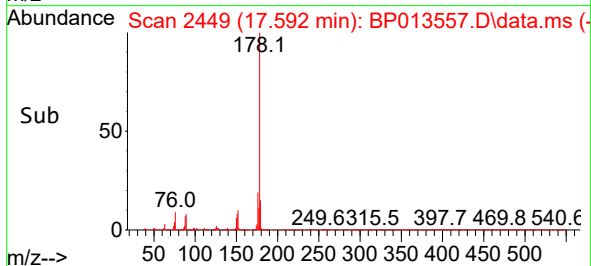
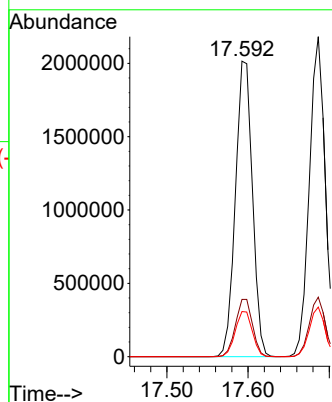
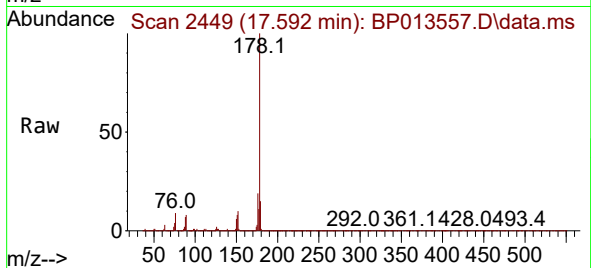
Tgt Ion:178 Resp: 2926130

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.2 12.2 18.4



#72

Anthracene

Concen: 46.125 ng

RT: 17.687 min Scan# 2465

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

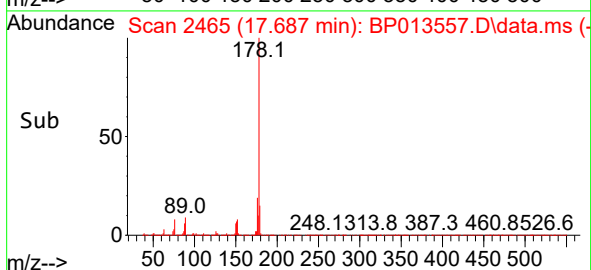
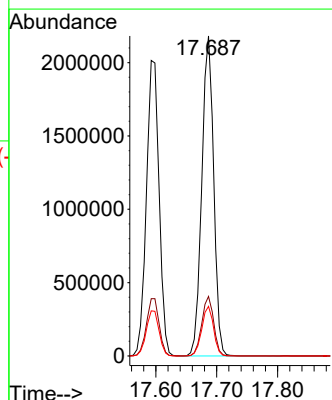
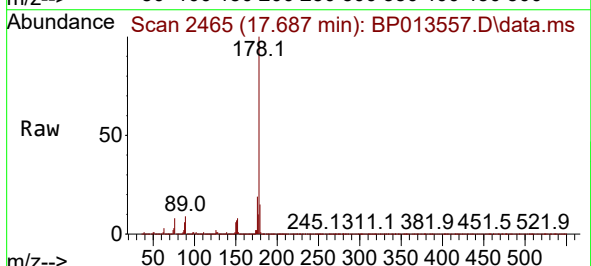
Tgt Ion:178 Resp: 2957937

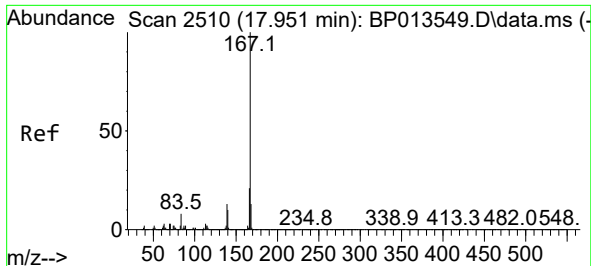
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.5 12.3 18.5

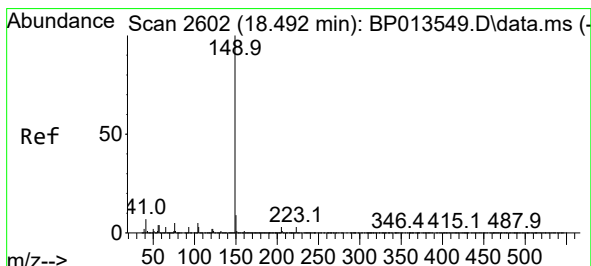
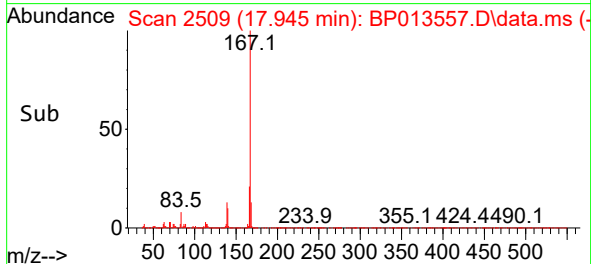
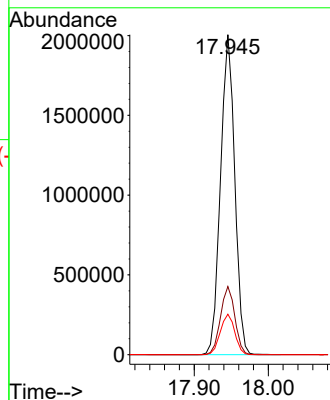
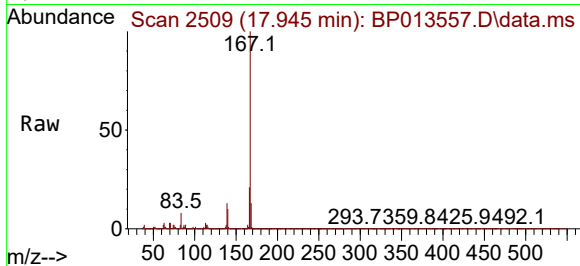




#73
 Carbazole
 Concen: 46.418 ng
 RT: 17.945 min Scan# 2510
 Delta R.T. -0.006 min
 Lab File: BP013557.D
 Acq: 23 Jan 2023 20:56

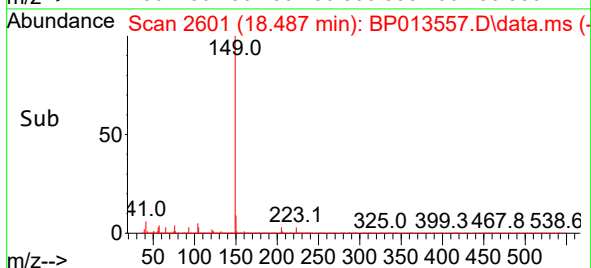
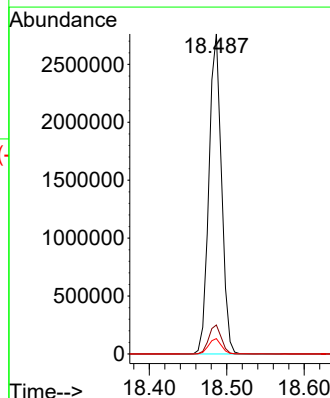
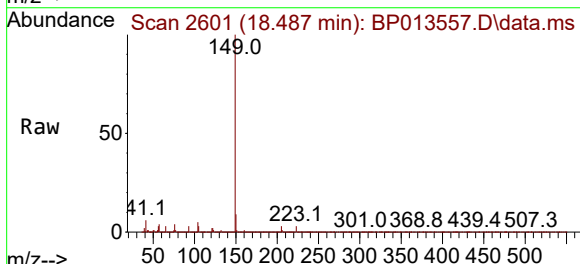
Instrument :
 BNA_P
 ClientSampleId :
 PB150341BS

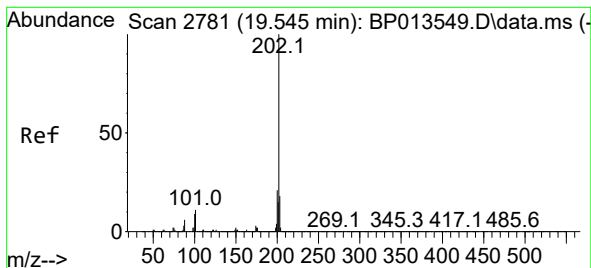
Tgt Ion:167 Resp: 2675140
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 48.421 ng
 RT: 18.487 min Scan# 2601
 Delta R.T. -0.006 min
 Lab File: BP013557.D
 Acq: 23 Jan 2023 20:56

Tgt Ion:149 Resp: 3105839
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 44.892 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

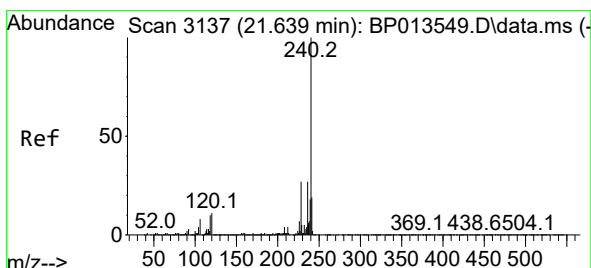
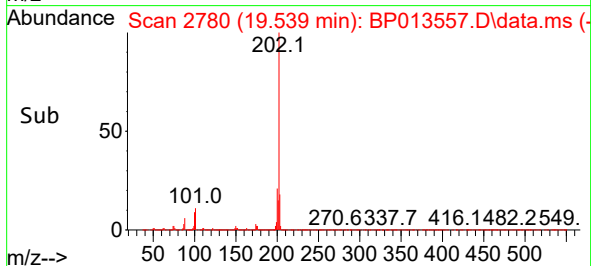
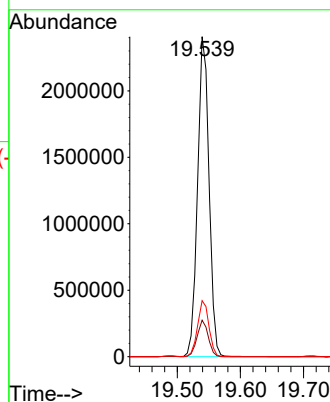
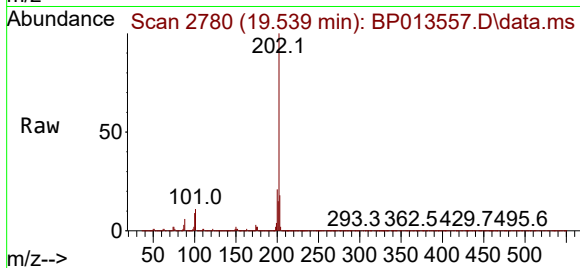
Tgt Ion:202 Resp: 3016393

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 17.5 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.628 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

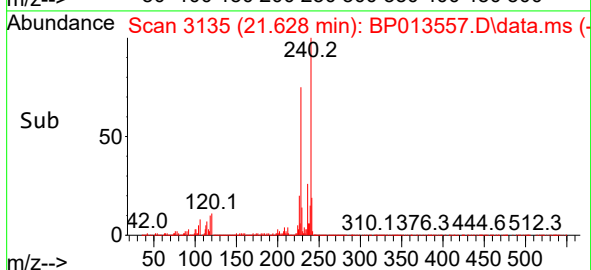
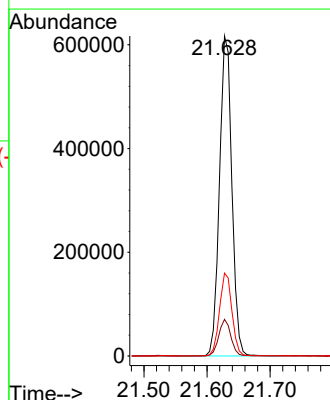
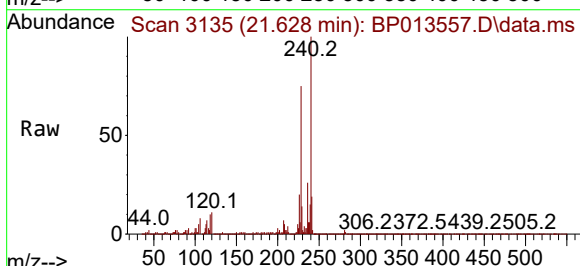
Tgt Ion:240 Resp: 838750

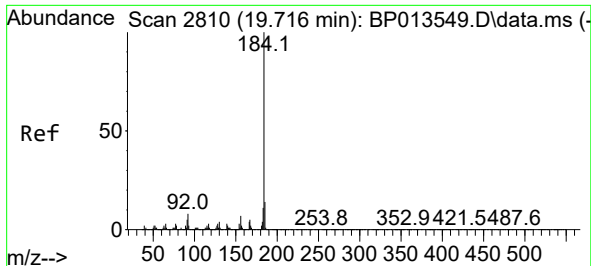
Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

236 25.9 21.3 31.9

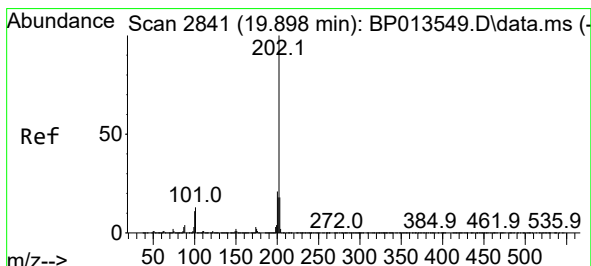
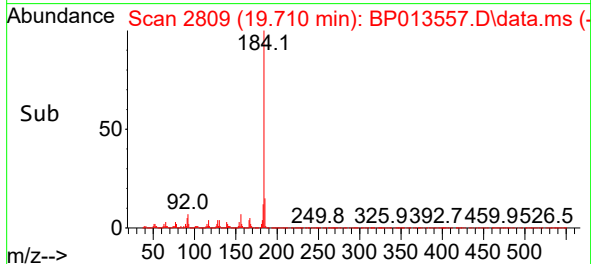
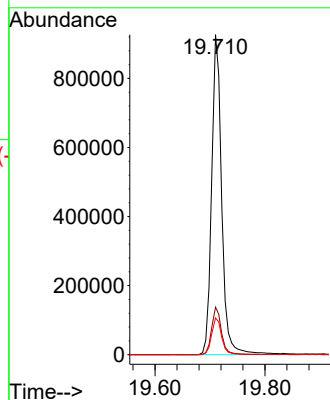
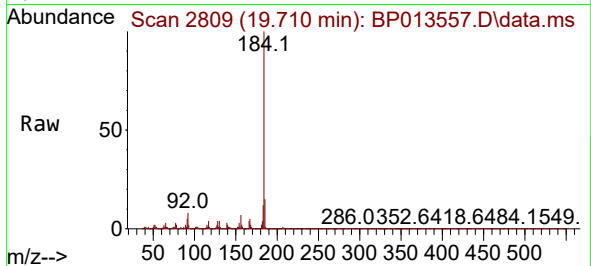




#77
Benzidine
Concen: 55.724 ng
RT: 19.710 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

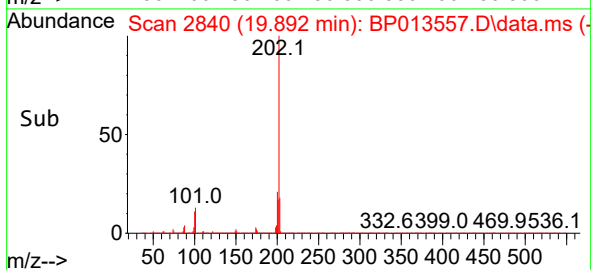
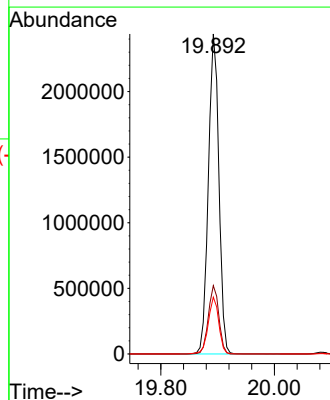
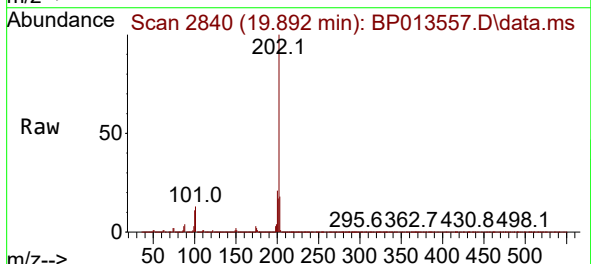
Instrument :
BNA_P
ClientSampleId :
PB150341BS

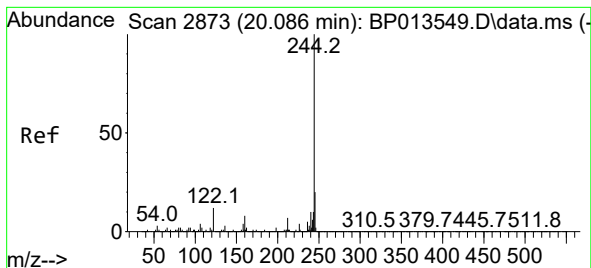
Tgt Ion:184 Resp: 1175496
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 11.5 9.0 13.6



#78
Pyrene
Concen: 48.606 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP013557.D
Acq: 23 Jan 2023 20:56

Tgt Ion:202 Resp: 3117255
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 105.801 ng

RT: 20.081 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

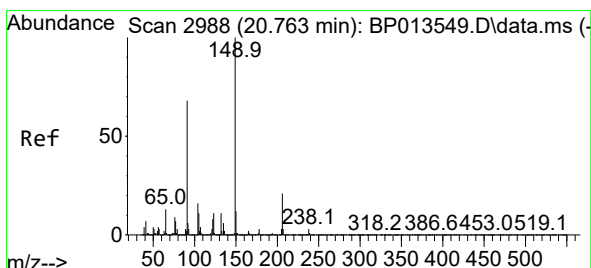
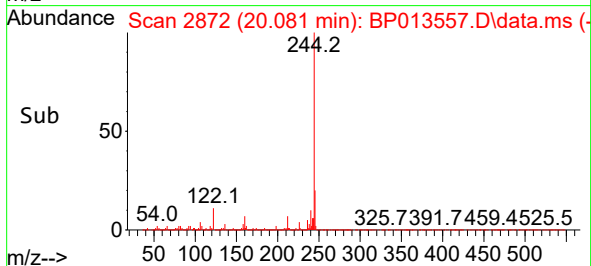
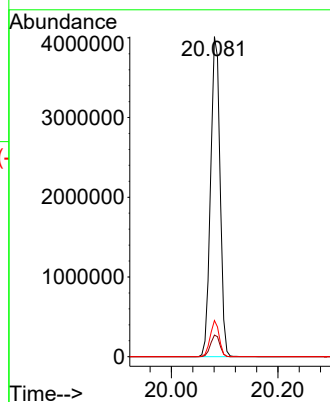
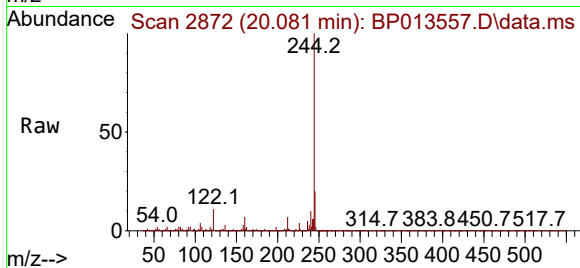
Tgt Ion:244 Resp: 4932785

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.3 9.2 13.8



#80

Butylbenzylphthalate

Concen: 53.628 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

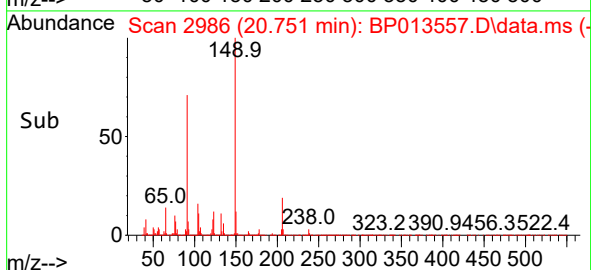
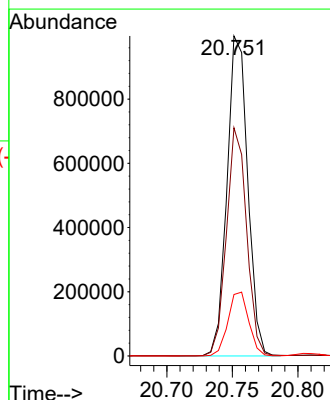
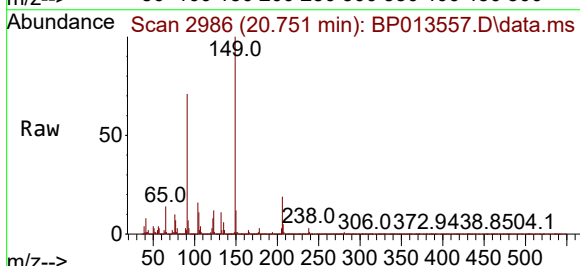
Tgt Ion:149 Resp: 1095049

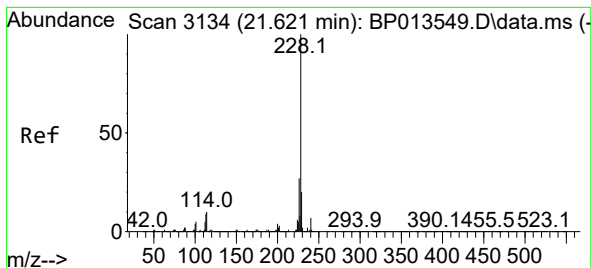
Ion Ratio Lower Upper

149 100

91 71.3 54.6 81.8

206 19.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 46.771 ng

RT: 21.610 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

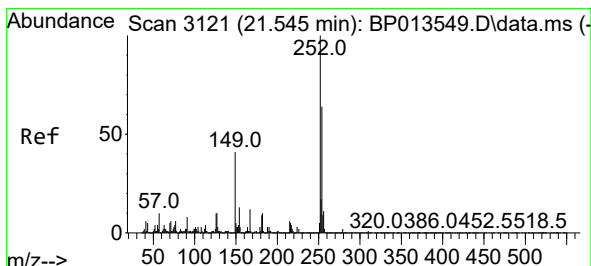
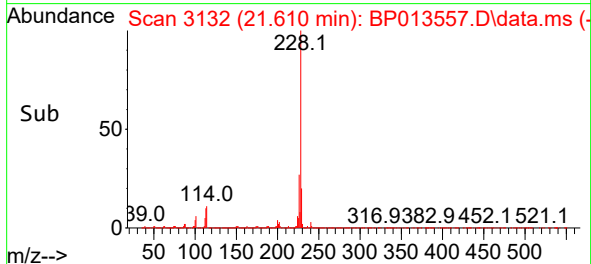
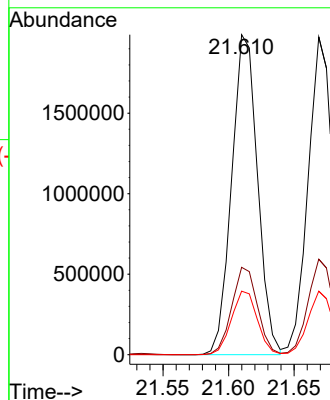
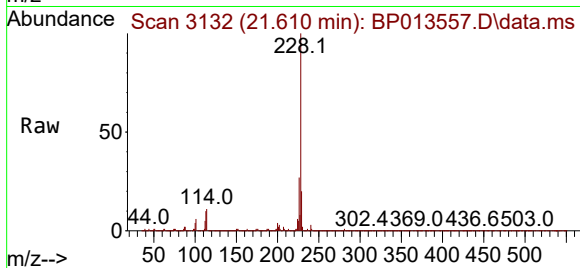
Tgt Ion:228 Resp: 2732957

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.001 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

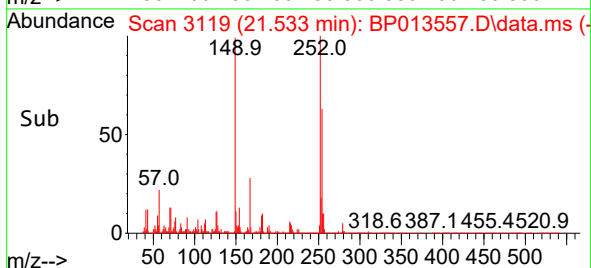
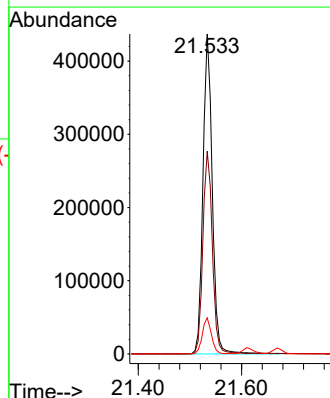
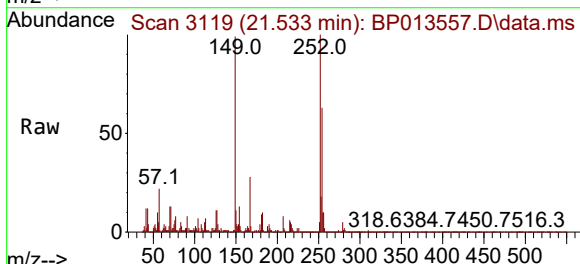
Tgt Ion:252 Resp: 546009

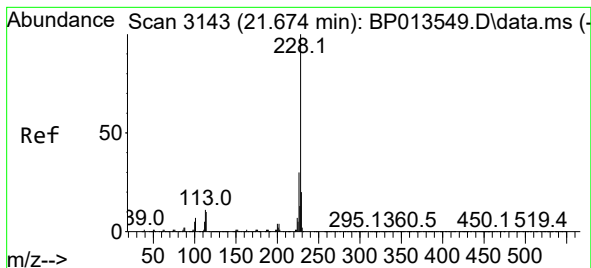
Ion Ratio Lower Upper

252 100

254 63.3 51.4 77.0

126 11.3 8.3 12.5





#83

Chrysene

Concen: 46.570 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

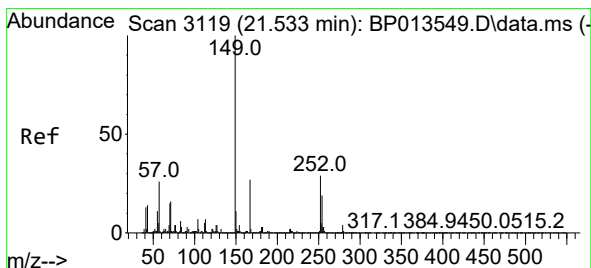
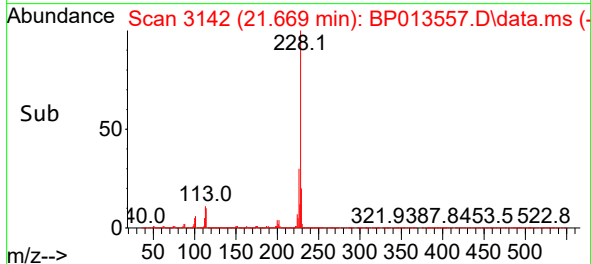
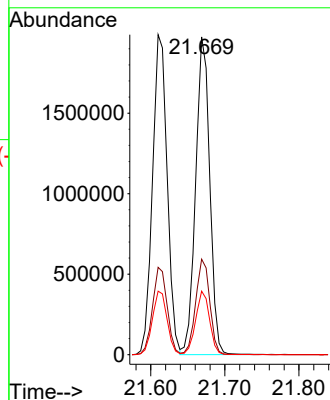
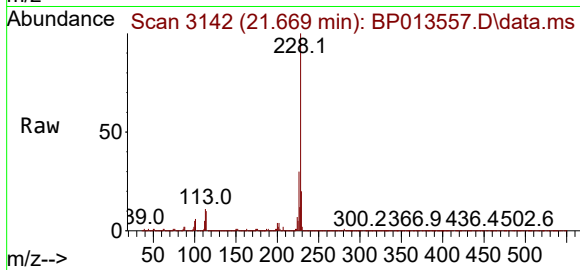
Tgt Ion:228 Resp: 2602703

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.932 ng

RT: 21.522 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

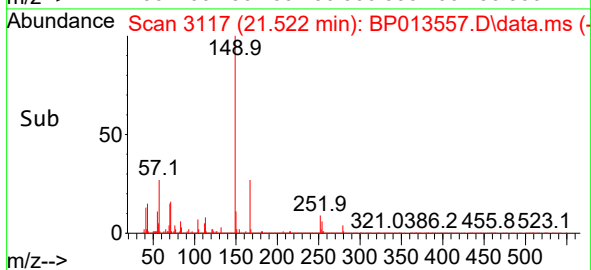
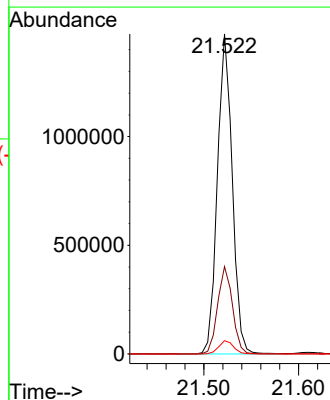
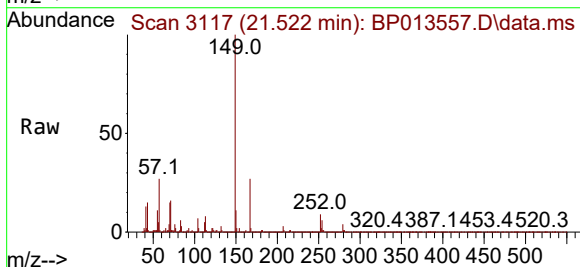
Tgt Ion:149 Resp: 1599069

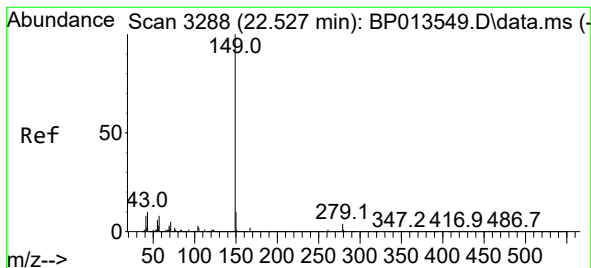
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.577 ng

RT: 22.516 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

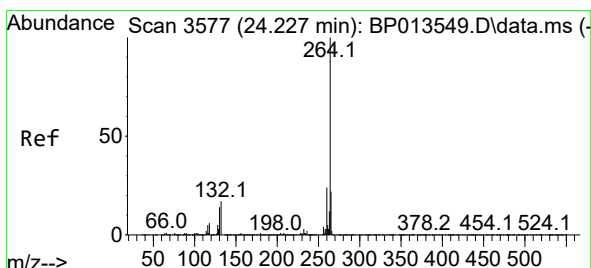
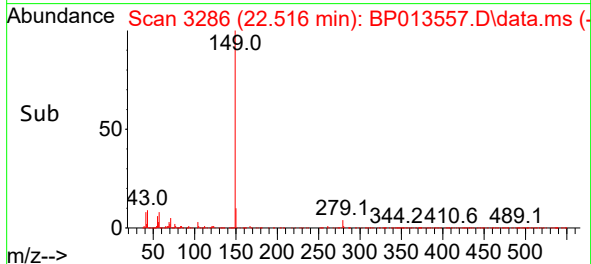
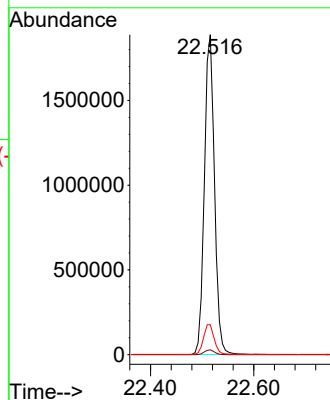
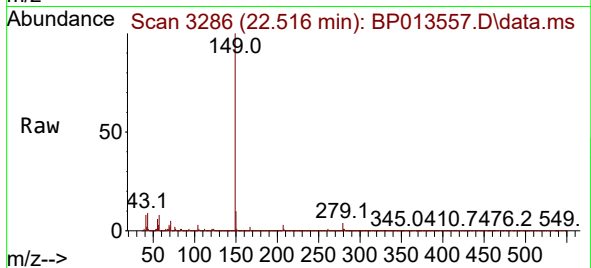
Tgt Ion:149 Resp: 2559341

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: 24.216 min Scan# 3575

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

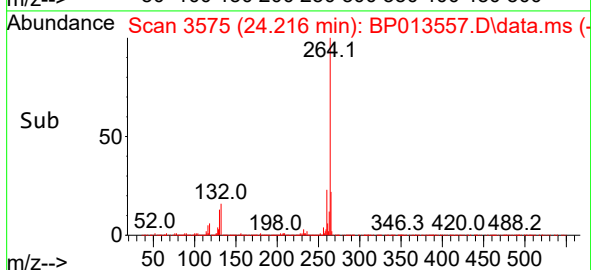
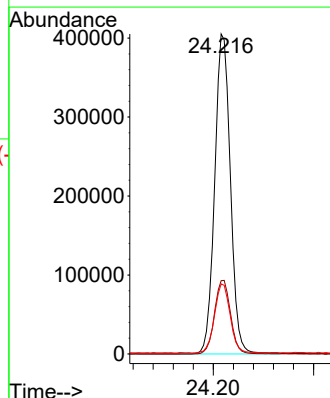
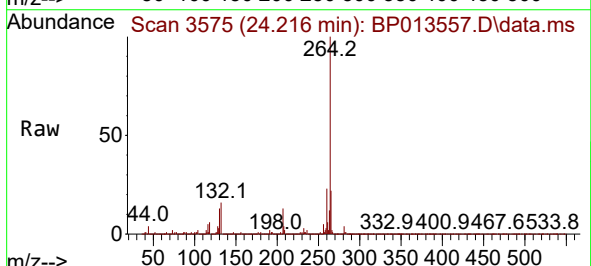
Tgt Ion:264 Resp: 878451

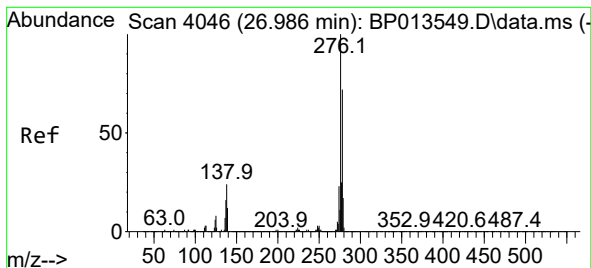
Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.635 ng

RT: 26.963 min Scan# 4046

Delta R.T. -0.023 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

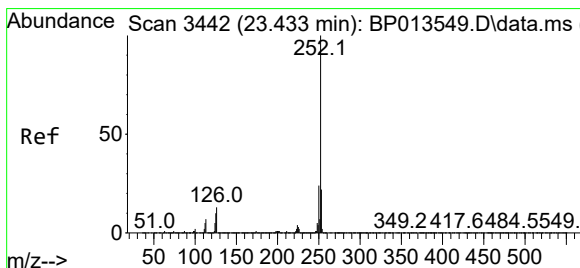
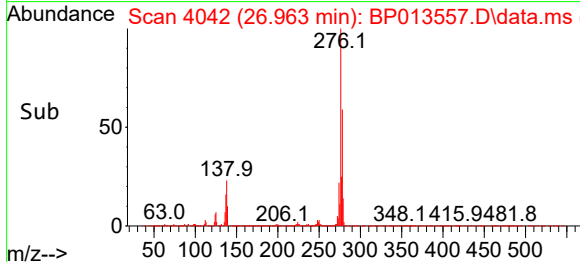
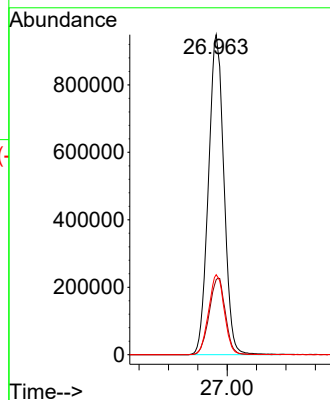
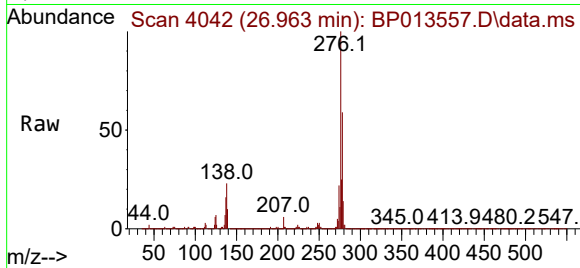
Tgt Ion:276 Resp: 3470425

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.6

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.328 ng

RT: 23.422 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

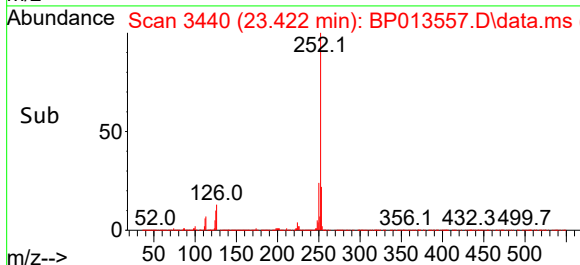
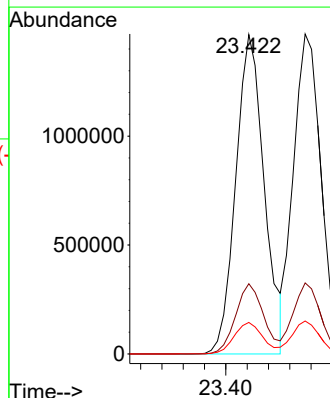
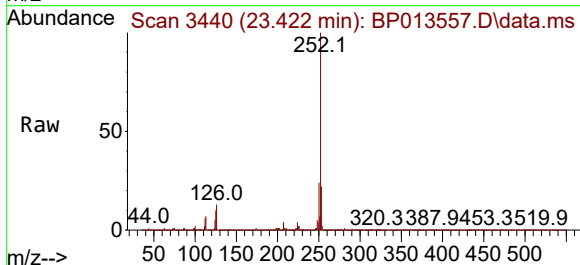
Tgt Ion:252 Resp: 2719745

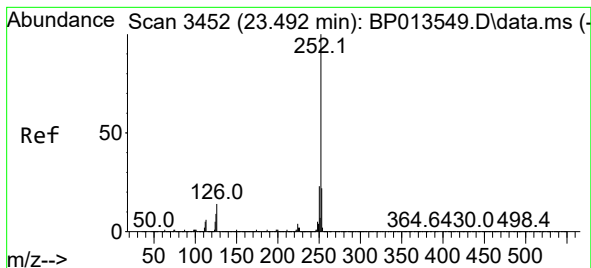
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 48.281 ng

RT: 23.474 min Scan# 34

Delta R.T. -0.017 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

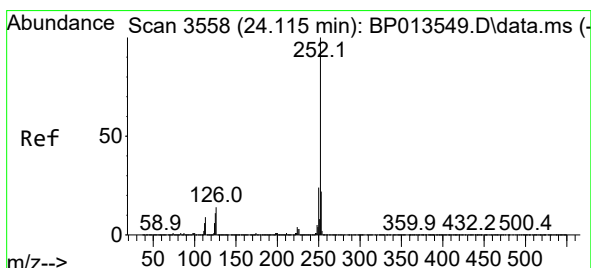
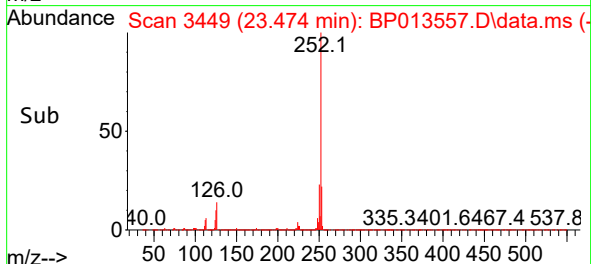
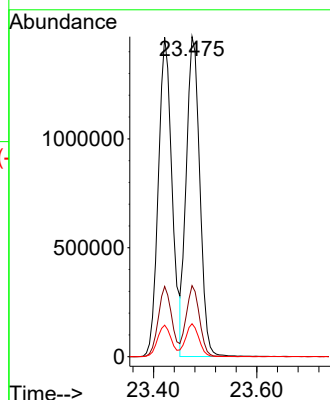
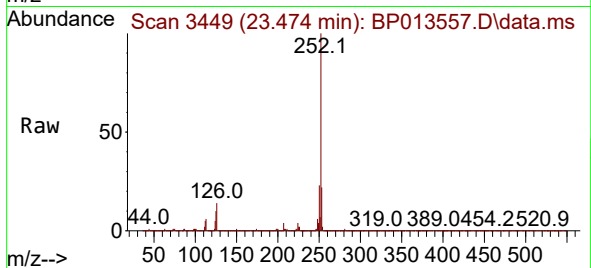
Tgt Ion:252 Resp: 2661149

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.3 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.286 ng

RT: 24.104 min Scan# 3556

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

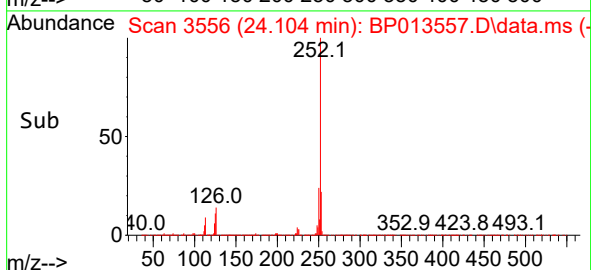
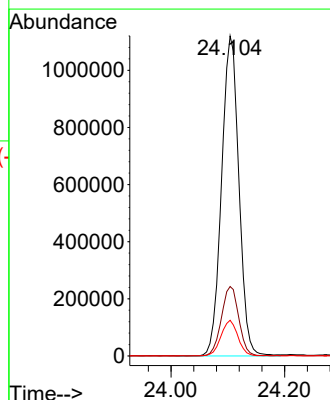
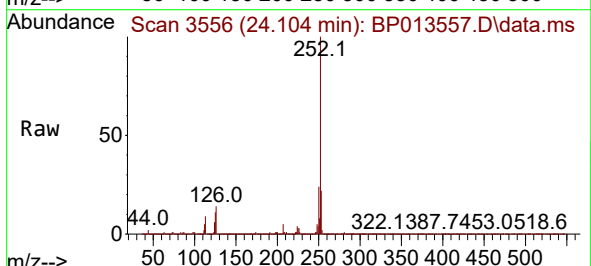
Tgt Ion:252 Resp: 2373965

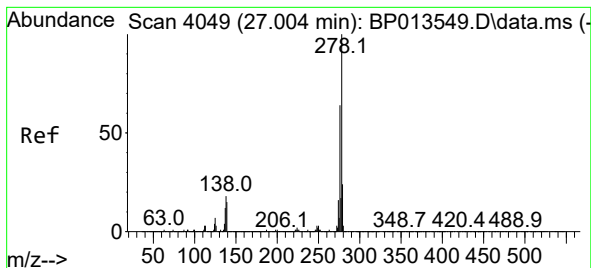
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 54.106 ng

RT: 26.980 min Scan# 4049

Delta R.T. -0.023 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA_P

ClientSampleId :

PB150341BS

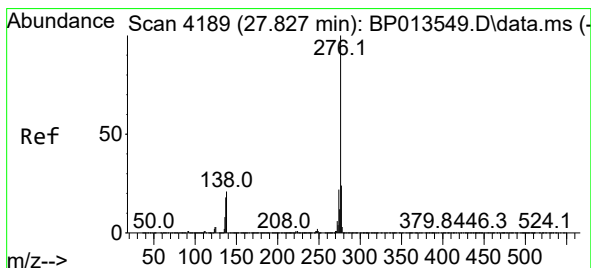
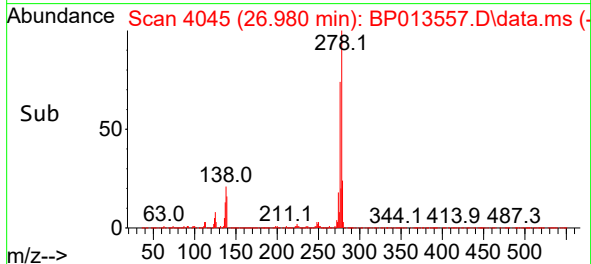
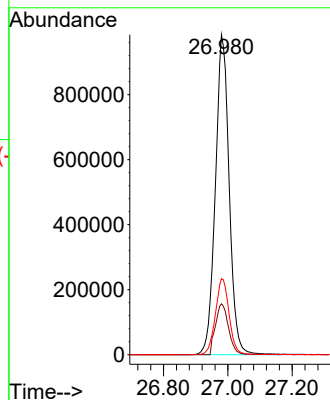
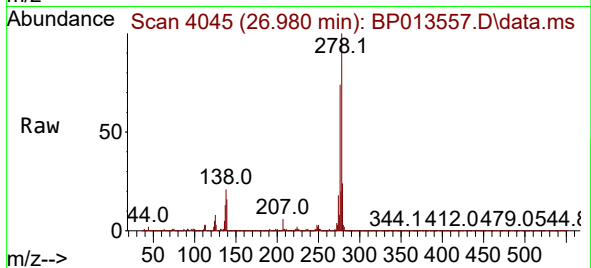
Tgt Ion:278 Resp: 2936552

Ion Ratio Lower Upper

278 100

139 15.9 12.3 18.5

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 54.085 ng

RT: 27.810 min Scan# 4186

Delta R.T. -0.017 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Tgt Ion:276 Resp: 2865279

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 20.8 16.6 25.0

