

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013684.D
 Acq On : 31 Jan 2023 21:04
 Operator : CG/JU
 Sample : PB150378BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150378BS

Quant Time: Feb 01 06:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	297815	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	1192599	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	801024	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1851077	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1639741	20.000	ng	0.00
86) Perylene-d12	24.180	264	1453642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2538359	145.702	ng	0.00
7) Phenol-d6	7.293	99	3339075	143.864	ng	0.00
23) Nitrobenzene-d5	9.316	82	1851739	90.320	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1697472	141.285	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	4876543	85.186	ng	0.00
79) Terphenyl-d14	20.057	244	8534837	103.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	248645	33.735	ng	99
3) Pyridine	3.928	79	700320	33.001	ng	97
4) n-Nitrosodimethylamine	3.834	42	318523	41.860	ng	99
6) Aniline	7.458	93	1267180	41.880	ng	100
8) 2-Chlorophenol	7.699	128	889507	48.498	ng	98
9) Benzaldehyde	7.269	77	381974	27.966	ng	98
10) Phenol	7.316	94	1199208	49.459	ng	97
11) bis(2-Chloroethyl)ether	7.552	93	881895	45.532	ng	98
12) 1,3-Dichlorobenzene	8.028	146	954678	46.208	ng	100
13) 1,4-Dichlorobenzene	8.175	146	973892	46.588	ng	99
14) 1,2-Dichlorobenzene	8.499	146	942979	47.141	ng	99
15) Benzyl Alcohol	8.381	79	797893	48.548	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1054362	46.610	ng	99
17) 2-Methylphenol	8.581	107	781032	45.968	ng	99
18) Hexachloroethane	9.234	117	325235	47.182	ng	95
19) n-Nitroso-di-n-propyla...	8.958	70	667310	45.825	ng	99
20) 3+4-Methylphenols	8.910	107	1057897	45.640	ng	99
22) Acetophenone	8.975	105	1328988	42.733	ng	# 98
24) Nitrobenzene	9.358	77	963682	43.335	ng	99
25) Isophorone	9.887	82	1916361	42.172	ng	99
26) 2-Nitrophenol	10.075	139	431681	42.269	ng	98
27) 2,4-Dimethylphenol	10.128	122	838432	45.719	ng	98
28) bis(2-Chloroethoxy)met...	10.363	93	1183431	43.451	ng	99
29) 2,4-Dichlorophenol	10.610	162	923449	46.264	ng	100
30) 1,2,4-Trichlorobenzene	10.828	180	983645	44.412	ng	98
31) Naphthalene	11.022	128	2640523	42.109	ng	100
32) Benzoic acid	10.269	122	612212	42.248	ng	97
33) 4-Chloroaniline	11.122	127	671860	24.384	ng	99
34) Hexachlorobutadiene	11.304	225	617034	43.889	ng	99
35) Caprolactam	11.916	113	133212	20.322	ng	96
36) 4-Chloro-3-methylphenol	12.234	107	938418	44.694	ng	99
37) 2-Methylnaphthalene	12.616	142	1900067	40.298	ng	99
38) 1-Methylnaphthalene	12.834	142	1783880	40.277	ng	99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1187147	43.410	ng	99
41) Hexachlorocyclopentadiene	12.957	237	1347081	107.923	ng	98
43) 2,4,6-Trichlorophenol	13.210	196	816214	45.326	ng	98

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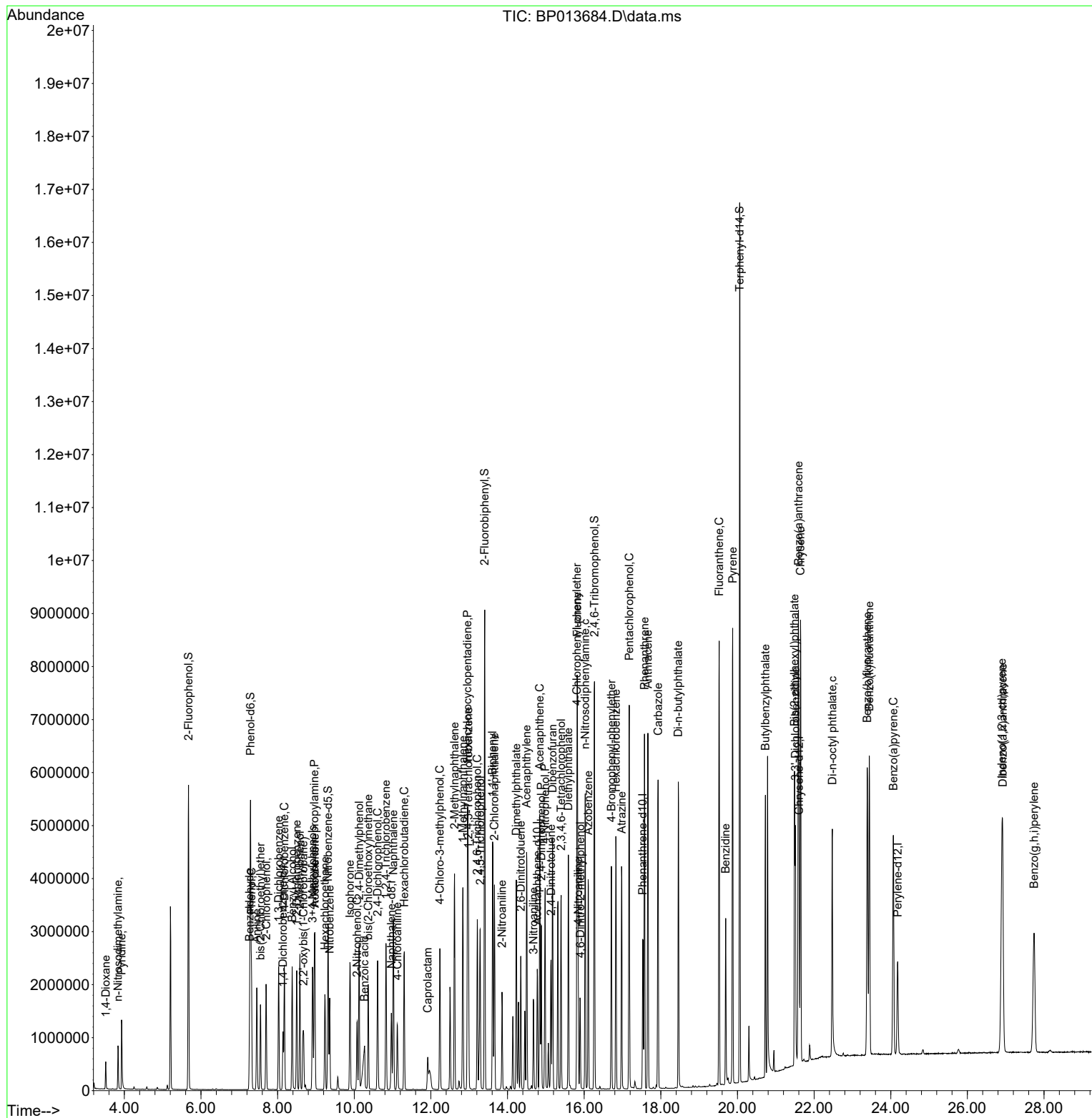
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44) 2,4,5-Trichlorophenol	13.287	196	896098	42.502	ng	100
46) 1,1'-Biphenyl	13.610	154	2579371	42.552	ng	99
47) 2-Chloronaphthalene	13.657	162	2004868	42.789	ng	100
48) 2-Nitroaniline	13.857	65	471762	40.830	ng	99
49) Acenaphthylene	14.498	152	3185877	42.163	ng	99
50) Dimethylphthalate	14.228	163	2657412	42.891	ng	100
51) 2,6-Dinitrotoluene	14.345	165	550559	43.527	ng	99
52) Acenaphthene	14.840	154	1941338	39.908	ng	99
53) 3-Nitroaniline	14.675	138	435346	33.113	ng	95
54) 2,4-Dinitrophenol	14.881	184	715278	85.614	ng	97
55) Dibenzofuran	15.175	168	3152288	41.406	ng	99
56) 4-Nitrophenol	14.981	139	1010325	94.052	ng	99
57) 2,4-Dinitrotoluene	15.134	165	751250	44.321	ng	99
58) Fluorene	15.822	166	2508341	41.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	832052	45.384	ng	99
60) Diethylphthalate	15.587	149	2552116	42.968	ng	100
61) 4-Chlorophenyl-phenyle...	15.810	204	1377167	42.310	ng	99
62) 4-Nitroaniline	15.845	138	540433	40.362	ng	99
63) Azobenzene	16.104	77	2333492	42.530	ng	98
65) 4,6-Dinitro-2-methylph...	15.898	198	447924	42.477	ng	95
66) n-Nitrosodiphenylamine	16.028	169	2275021	42.240	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	919418	43.329	ng	99
68) Hexachlorobenzene	16.828	284	1071399	45.597	ng	97
69) Atrazine	16.981	200	863738	49.284	ng	99
70) Pentachlorophenol	17.175	266	1445994	83.427	ng	99
71) Phenanthrene	17.575	178	4238463	42.719	ng	99
72) Anthracene	17.663	178	4257449	42.504	ng	99
73) Carbazole	17.928	167	3861927	42.460	ng	100
74) Di-n-butylphthalate	18.457	149	4331139	43.515	ng	99
75) Fluoranthene	19.522	202	5110055	41.370	ng	100
77) Benzidine	19.692	184	1839741	51.944	ng	99
78) Pyrene	19.875	202	5243756	47.533	ng	100
80) Butylbenzylphthalate	20.727	149	1461881	48.541	ng	98
81) Benzo(a)anthracene	21.592	228	4968194	43.621	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	1361890	37.821	ng	99
83) Chrysene	21.645	228	4577755	42.186	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	2294930	44.754	ng	100
85) Di-n-octyl phthalate	22.474	149	3767878	40.239	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4198180	37.975	ng	100
88) Benzo(b)fluoranthene	23.386	252	4491017	51.404	ng	99
89) Benzo(k)fluoranthene	23.439	252	4288510	49.007	ng	99
90) Benzo(a)pyrene	24.069	252	3690409	42.554	ng	100
91) Dibenzo(a,h)anthracene	26.921	278	3562245	38.820	ng	100
92) Benzo(g,h,i)perylene	27.739	276	3413658	37.455	ng	99

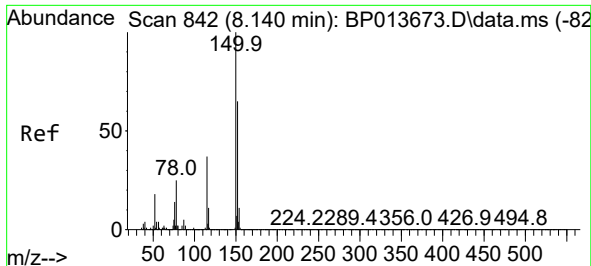
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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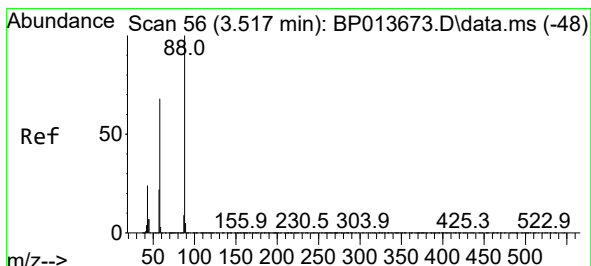
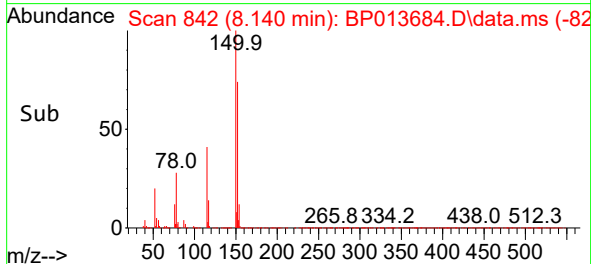
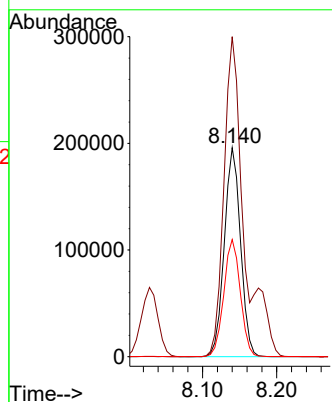
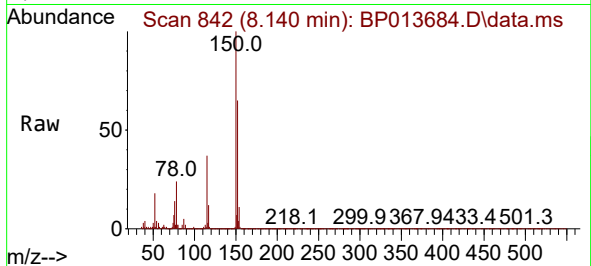




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.140 min Scan# 842
 Delta R.T. -0.000 min
 Lab File: BP013684.D
 Acq: 31 Jan 2023 21:04

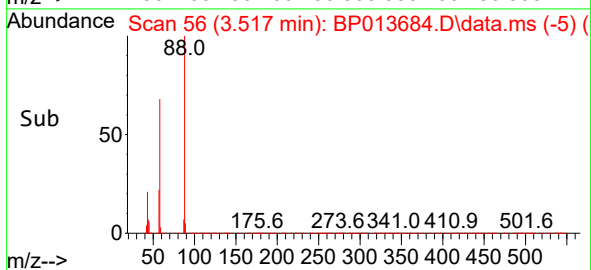
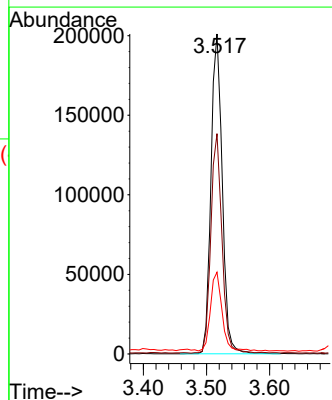
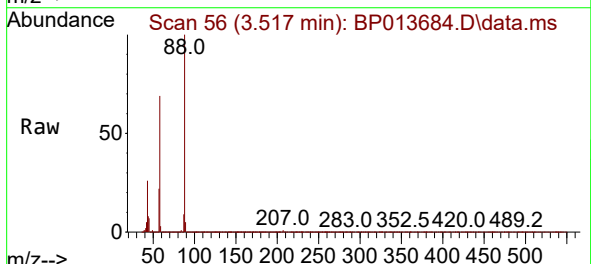
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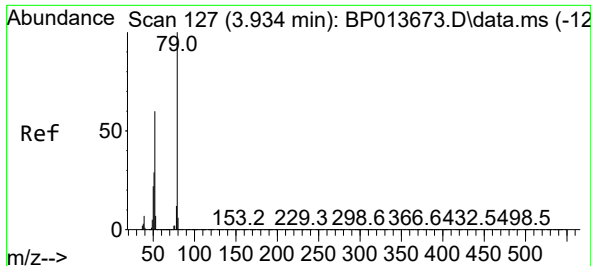
Tgt Ion:152 Resp: 297815
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.6 185.4
 115 56.0 45.4 68.0



#2
 1,4-Dioxane
 Concen: 33.735 ng
 RT: 3.517 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BP013684.D
 Acq: 31 Jan 2023 21:04

Tgt Ion: 88 Resp: 248645
 Ion Ratio Lower Upper
 88 100
 58 67.7 53.8 80.8
 43 25.1 19.8 29.6

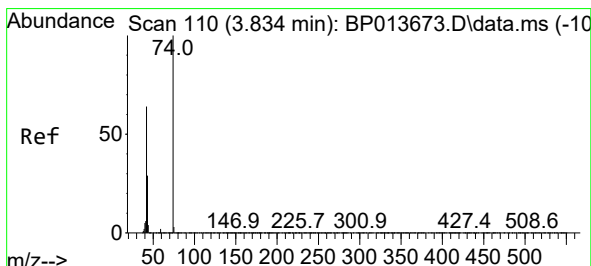
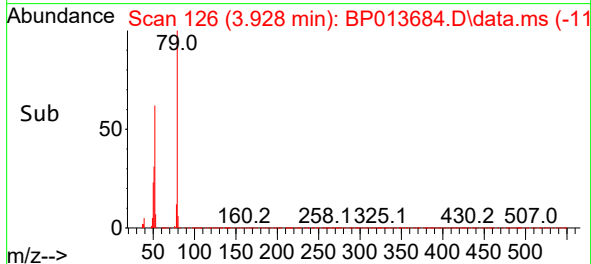
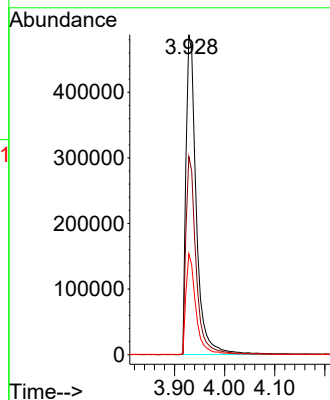
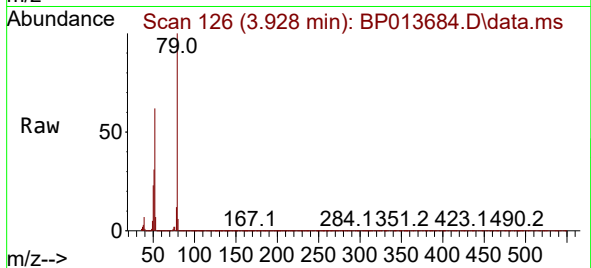




#3
Pyridine
Concen: 33.001 ng
RT: 3.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013684.D
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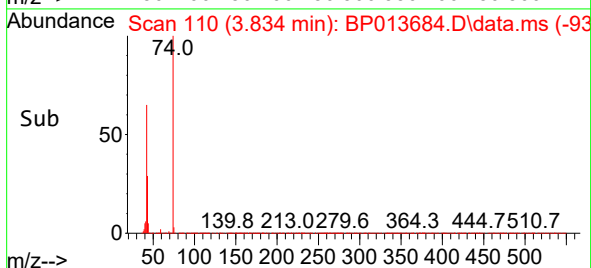
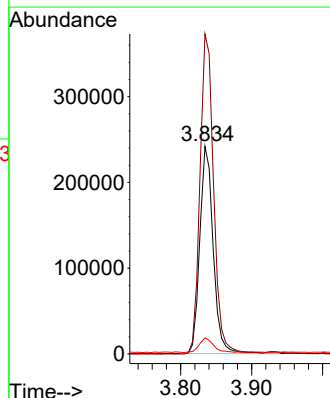
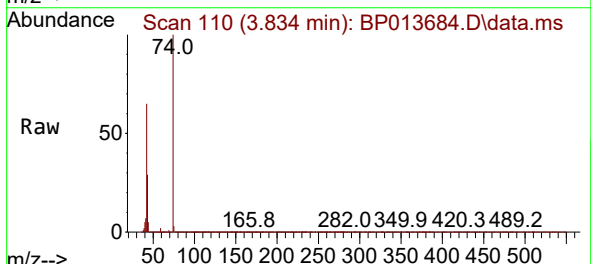
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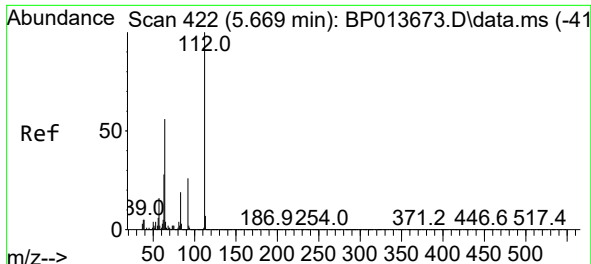
Tgt Ion: 79 Resp: 700320
Ion Ratio Lower Upper
79 100
52 61.9 48.2 72.2
51 31.5 23.6 35.4



#4
n-Nitrosodimethylamine
Concen: 41.860 ng
RT: 3.834 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 42 Resp: 318523
Ion Ratio Lower Upper
42 100
74 154.2 124.6 187.0
44 7.7 6.3 9.5

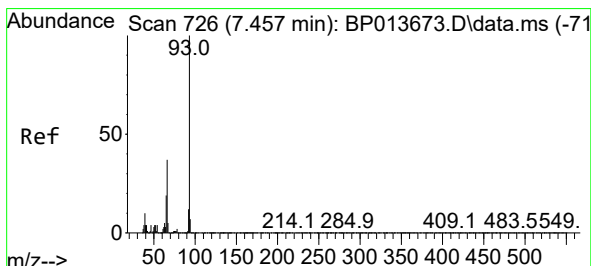
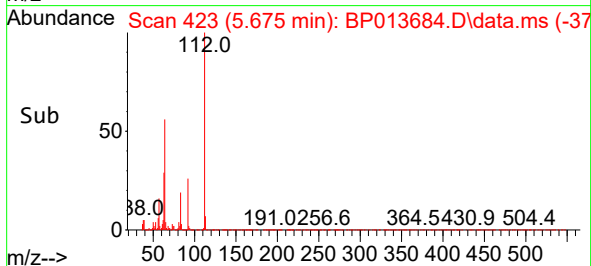
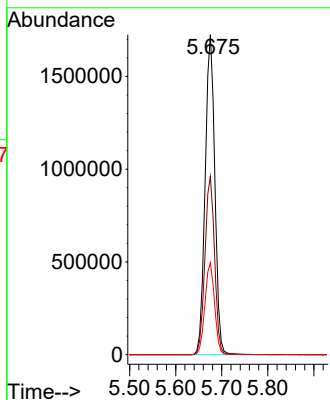
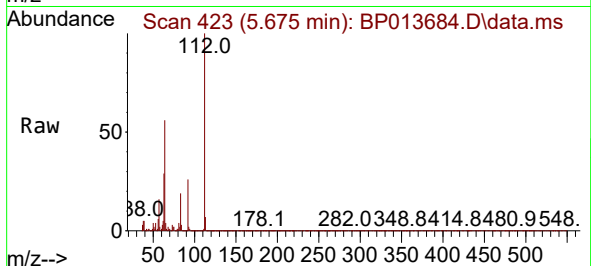




#5
2-Fluorophenol
Concen: 145.702 ng
RT: 5.675 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

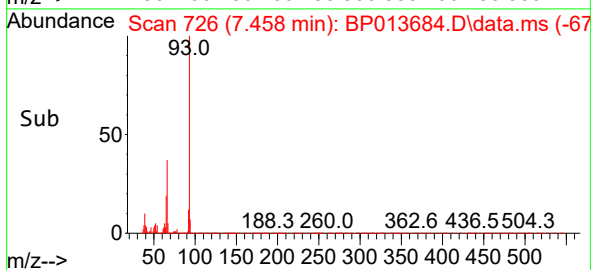
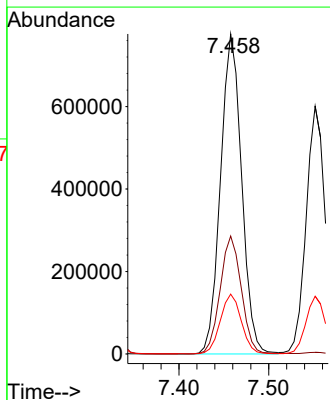
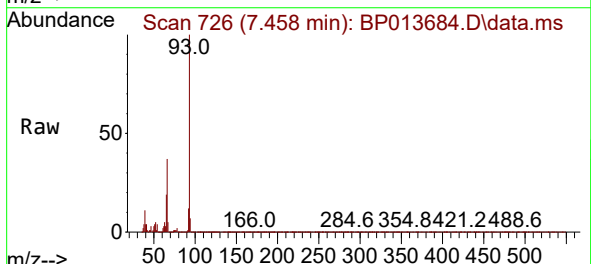
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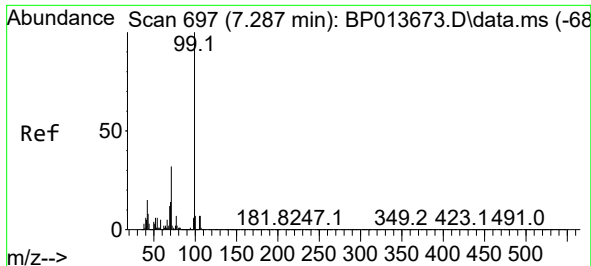
Tgt Ion:112 Resp: 2538359
Ion Ratio Lower Upper
112 100
64 55.7 44.6 67.0
63 28.7 22.6 34.0



#6
Aniline
Concen: 41.880 ng
RT: 7.458 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 93 Resp: 1267180
Ion Ratio Lower Upper
93 100
66 36.9 29.3 43.9
65 18.7 15.1 22.7

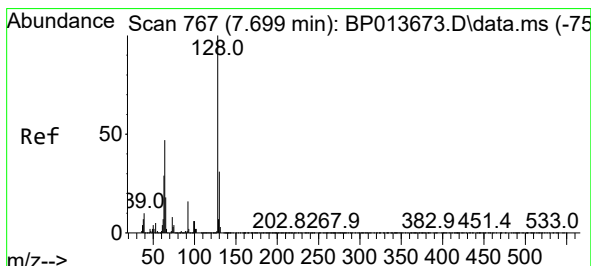
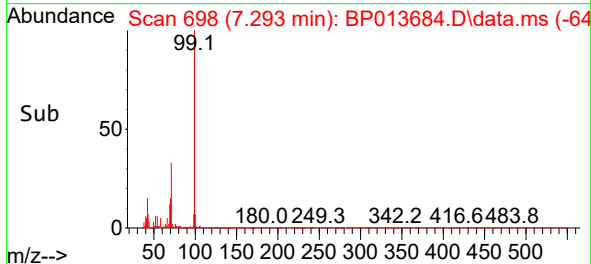
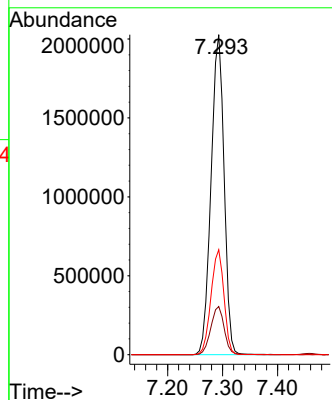
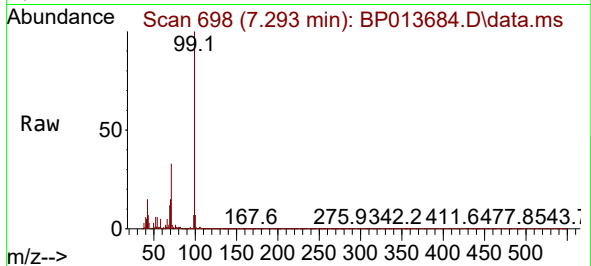




#7
Phenol-d6
Concen: 143.864 ng
RT: 7.293 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

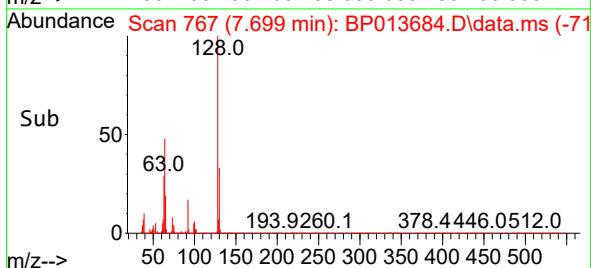
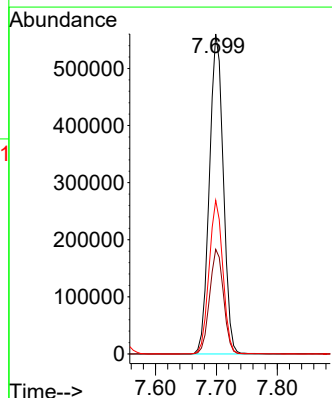
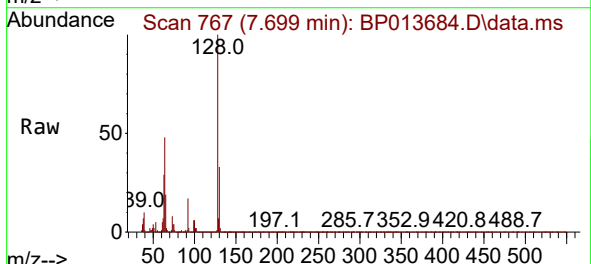
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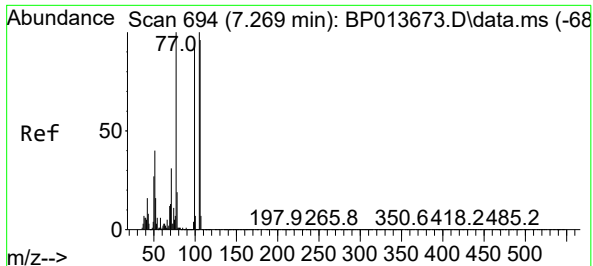
Tgt Ion: 99 Resp: 3339075
Ion Ratio Lower Upper
99 100
42 15.0 11.8 17.6
71 32.8 25.6 38.4



#8
2-Chlorophenol
Concen: 48.498 ng
RT: 7.699 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 128 Resp: 889507
Ion Ratio Lower Upper
128 100
130 32.7 10.8 50.8
64 48.0 26.9 66.9

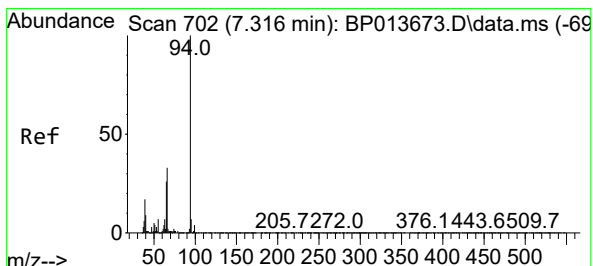
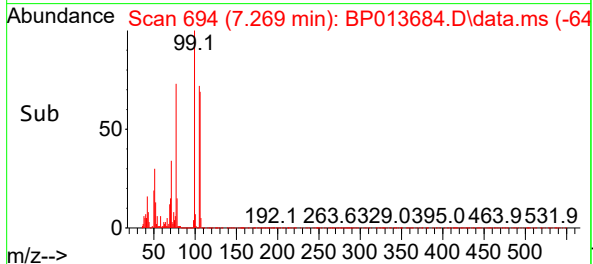
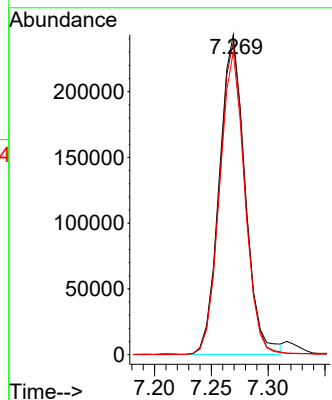
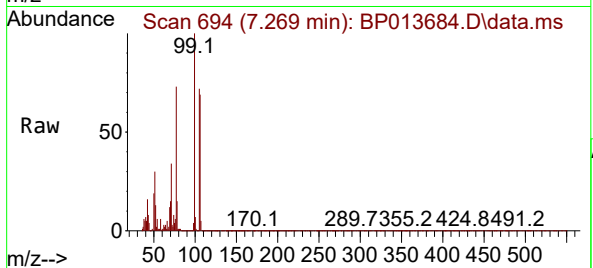




#9
Benzaldehyde
Concen: 27.966 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013684.D
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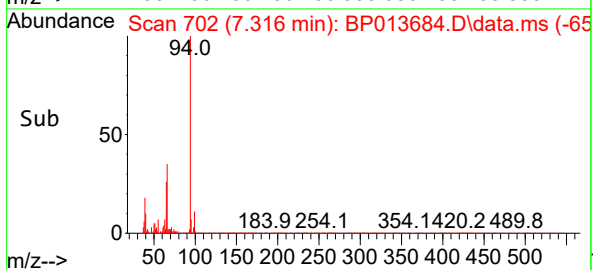
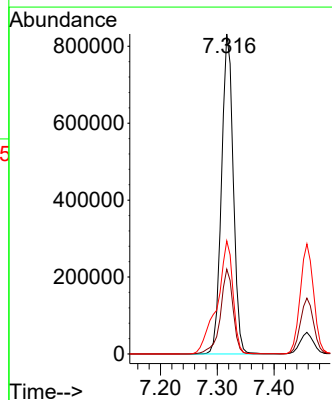
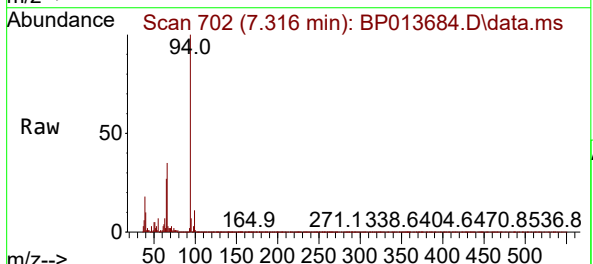
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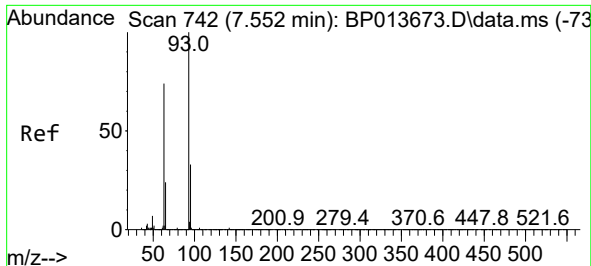
Tgt Ion: 77 Resp: 381974
Ion Ratio Lower Upper
77 100
105 97.8 80.4 120.4
106 94.6 76.7 116.7



#10
Phenol
Concen: 49.459 ng
RT: 7.316 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP013684.D
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Tgt Ion: 94 Resp: 1199208
Ion Ratio Lower Upper
94 100
65 26.5 6.0 46.0
66 35.4 13.1 53.1

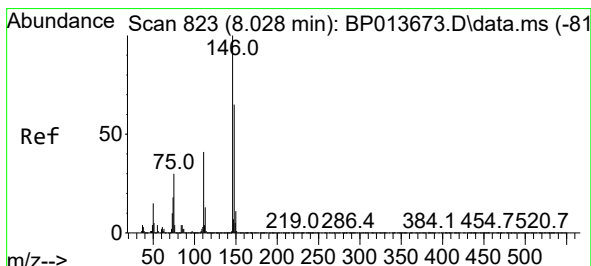
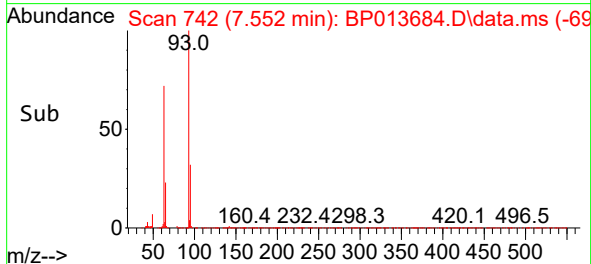
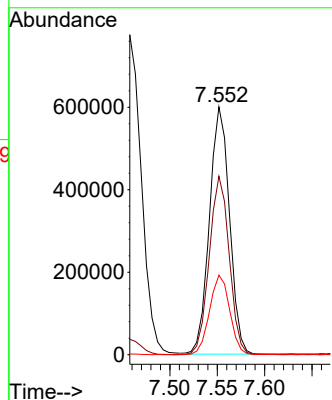
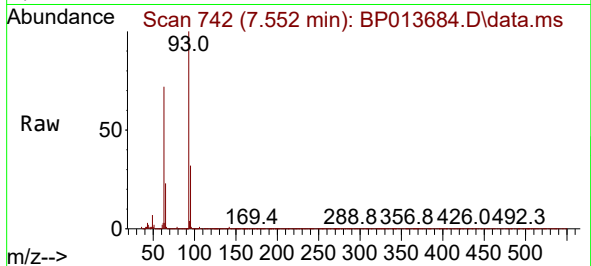




#11
bis(2-Chloroethyl)ether
Concen: 45.532 ng
RT: 7.552 min Scan# 742
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

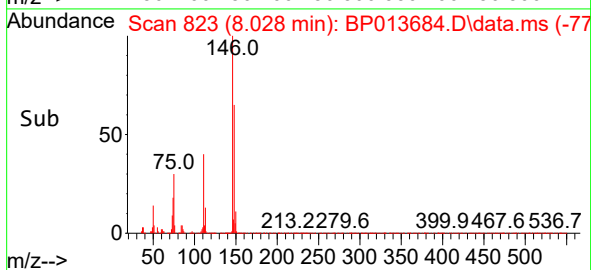
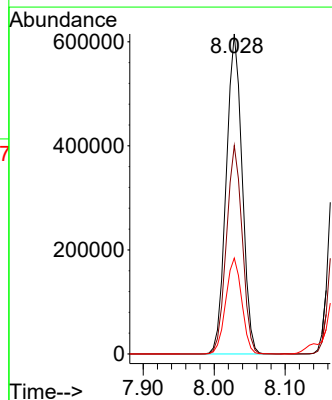
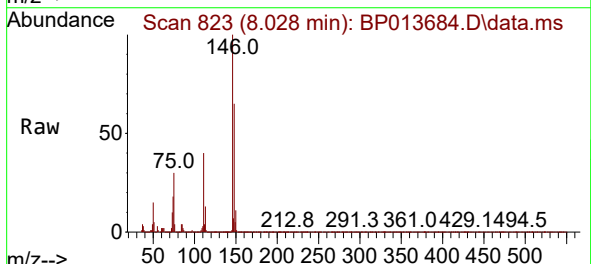
Instrument :
BNA_P
ClientSampleId :
PB150378BS

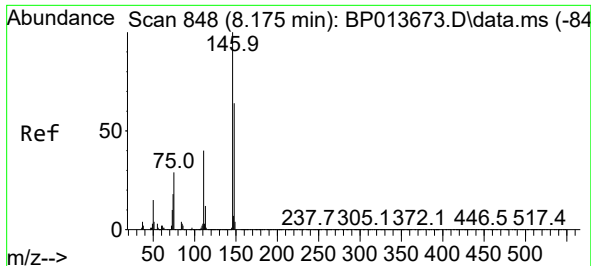
Tgt Ion: 93 Resp: 881895
Ion Ratio Lower Upper
93 100
63 72.0 53.7 93.7
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.208 ng
RT: 8.028 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 146 Resp: 954678
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 29.9 24.0 36.0

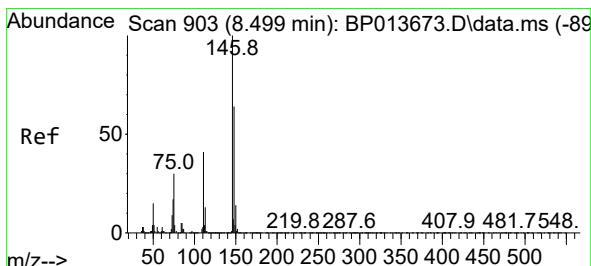
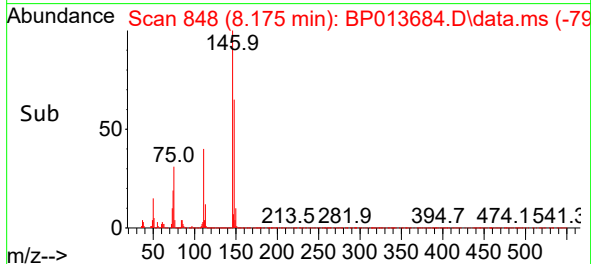
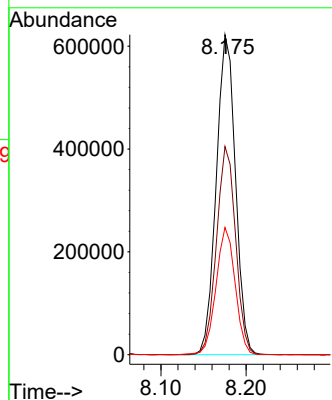
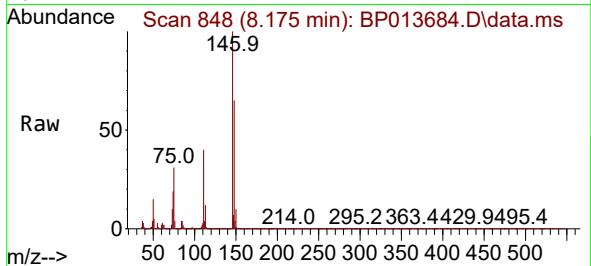




#13
1,4-Dichlorobenzene
Concen: 46.588 ng
RT: 8.175 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

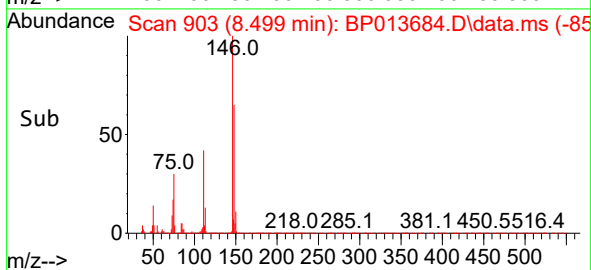
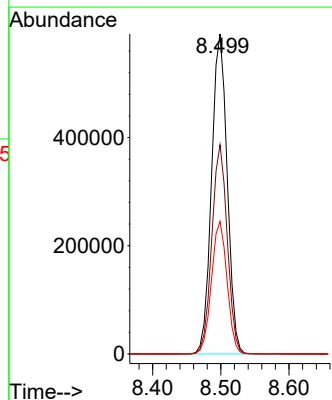
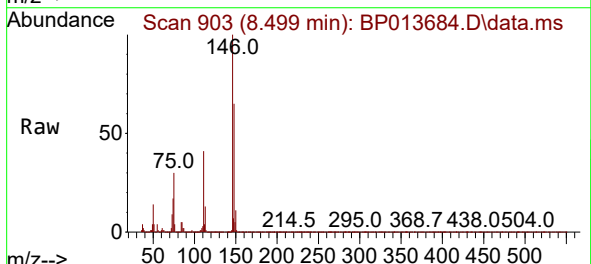
Instrument :
BNA_P
ClientSampleId :
PB150378BS

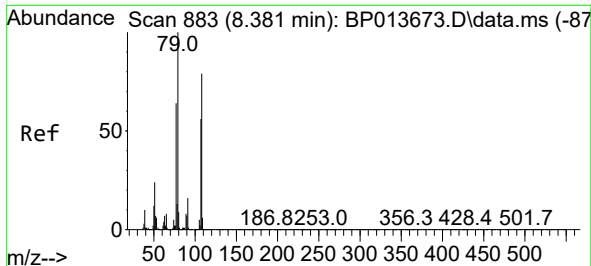
Tgt Ion:146 Resp: 973892
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 39.8 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 47.141 ng
RT: 8.499 min Scan# 903
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:146 Resp: 942979
Ion Ratio Lower Upper
146 100
148 65.4 51.3 76.9
111 41.4 32.8 49.2

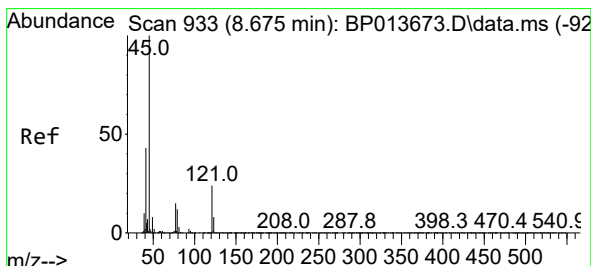
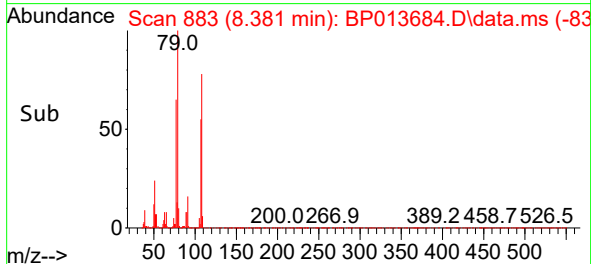
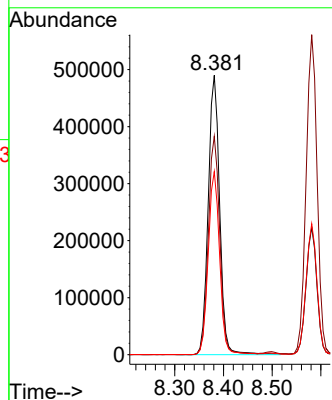
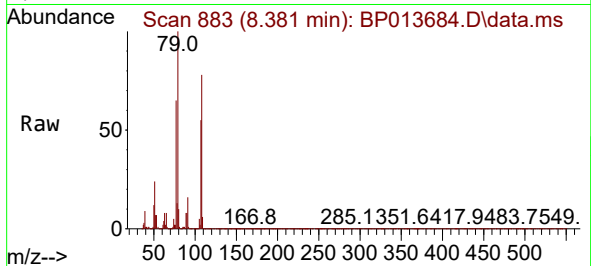




#15
Benzyl Alcohol
Concen: 48.548 ng
RT: 8.381 min Scan# 883
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

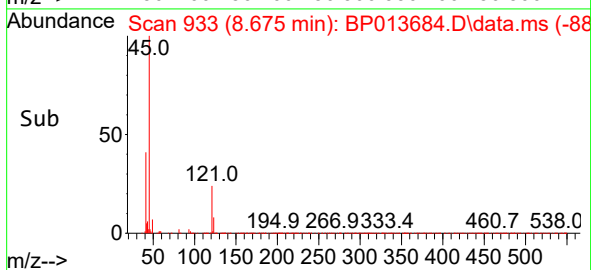
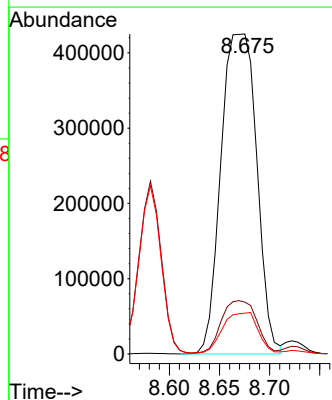
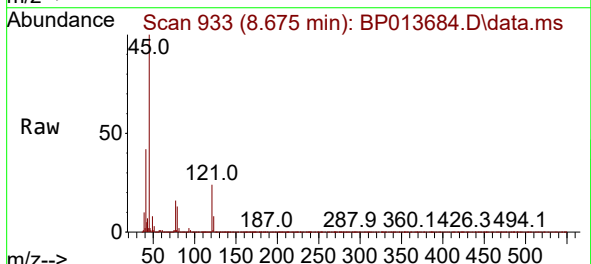
Instrument :
BNA_P
ClientSampleId :
PB150378BS

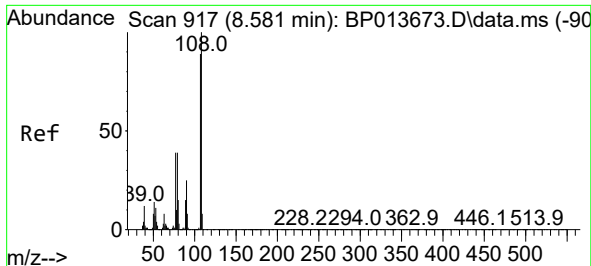
Tgt Ion: 79 Resp: 797893
Ion Ratio Lower Upper
79 100
108 78.2 62.9 94.3
77 65.5 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.610 ng
RT: 8.675 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 45 Resp: 1054362
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 12.8 0.0 33.4





#17

2-Methylphenol

Concen: 45.968 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion:107 Resp: 781032

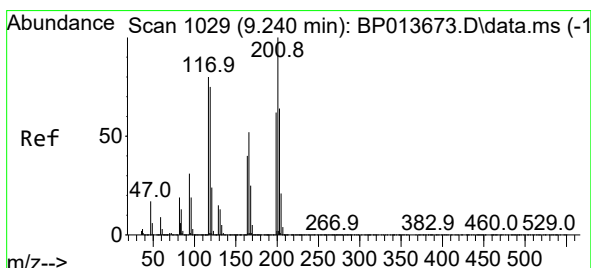
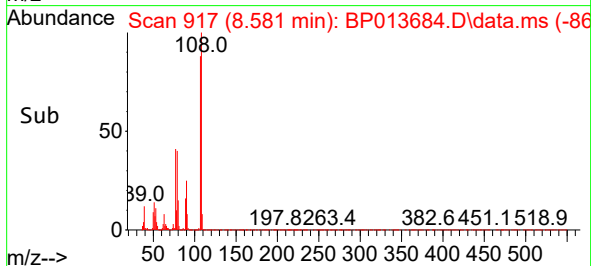
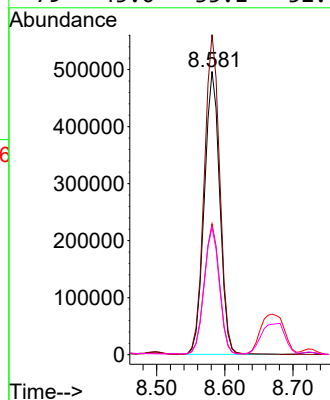
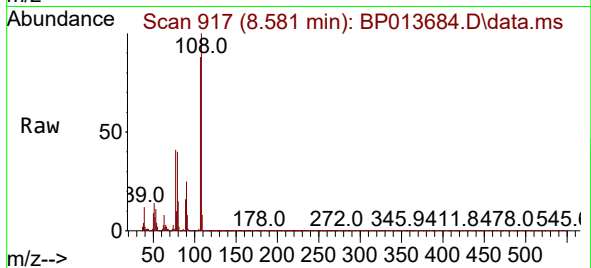
Ion Ratio Lower Upper

107 100

108 113.0 90.0 135.0

77 46.2 35.7 53.5

79 45.0 35.1 52.7



#18

Hexachloroethane

Concen: 47.182 ng

RT: 9.234 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

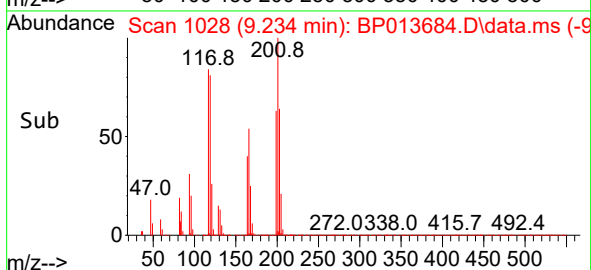
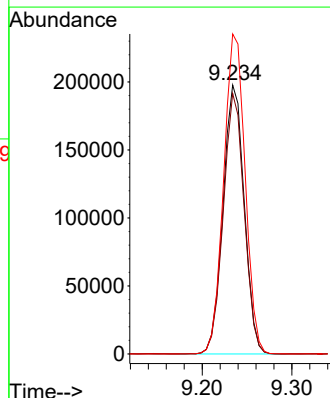
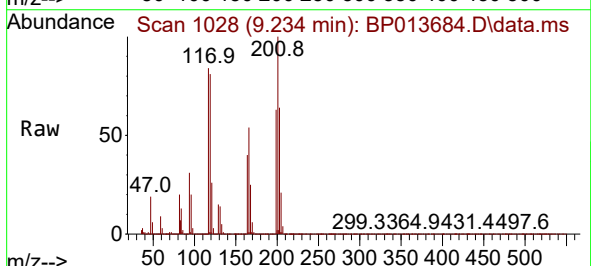
Tgt Ion:117 Resp: 325235

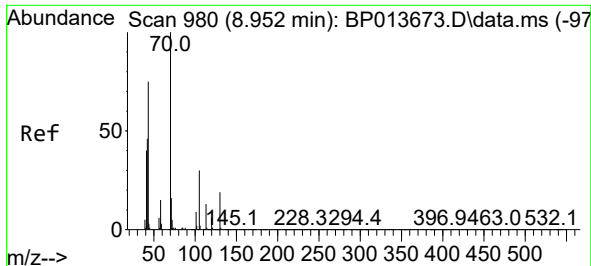
Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.4

201 119.0 100.4 150.6

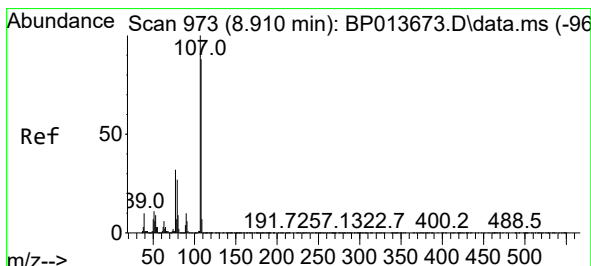
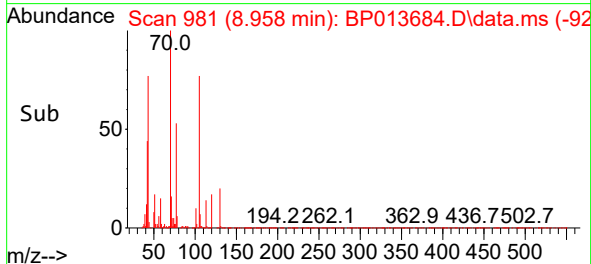
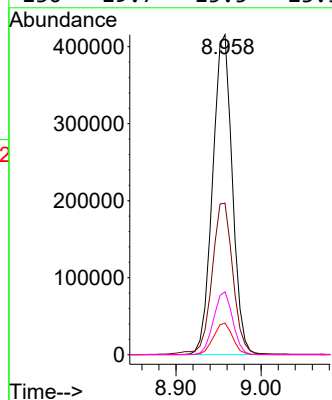
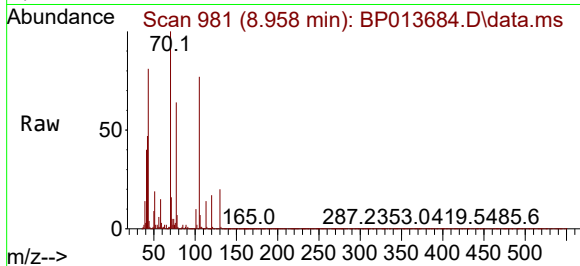




#19
n-Nitroso-di-n-propylamine
Concen: 45.825 ng
RT: 8.958 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

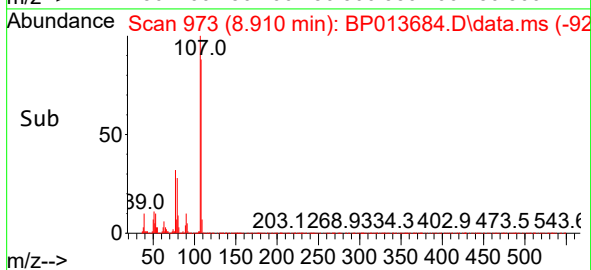
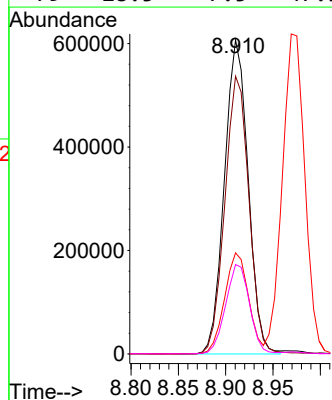
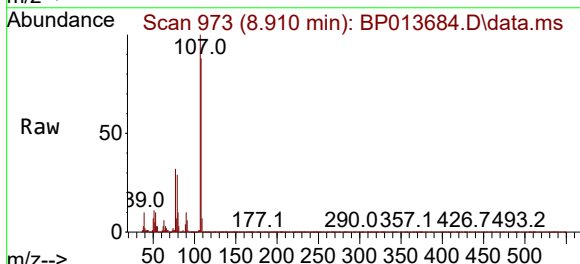
Instrument :
BNA_P
ClientSampleId :
PB150378BS

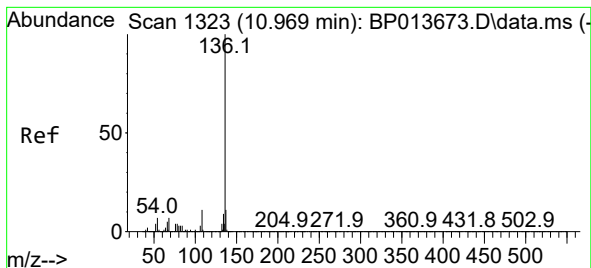
Tgt Ion: 70 Resp: 667310
Ion Ratio Lower Upper
70 100
42 47.3 37.2 55.8
101 9.9 7.4 11.2
130 19.7 15.5 23.3



#20
3+4-Methylphenols
Concen: 45.640 ng
RT: 8.910 min Scan# 973
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 107 Resp: 1057897
Ion Ratio Lower Upper
107 100
108 88.5 67.7 107.7
77 32.2 12.0 52.0
79 28.5 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion:136 Resp: 1192599

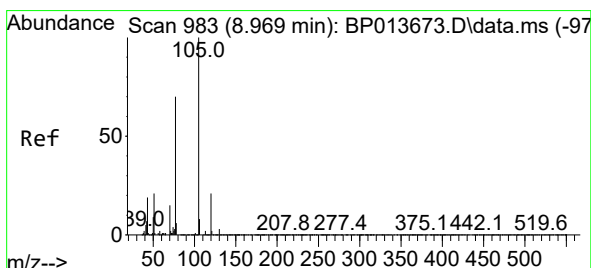
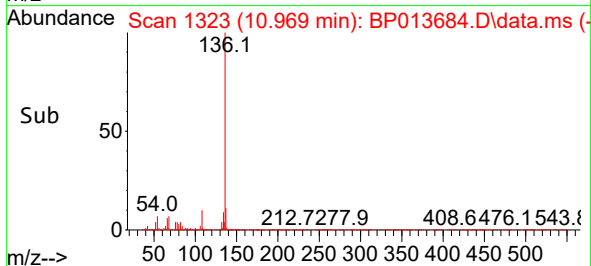
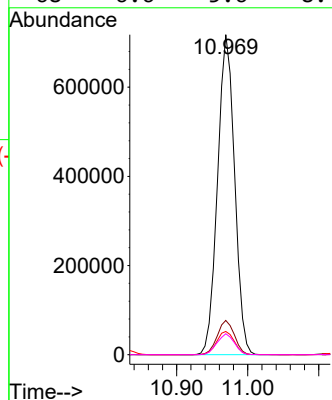
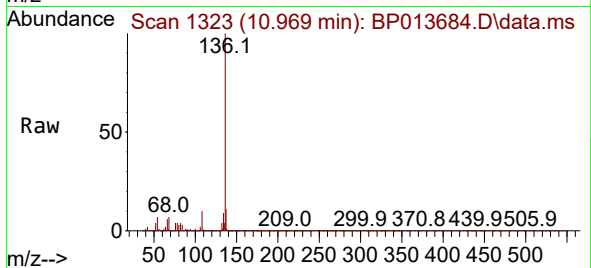
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.0 9.0

68 6.6 5.6 8.4



#22

Acetophenone

Concen: 42.733 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Tgt Ion:105 Resp: 1328988

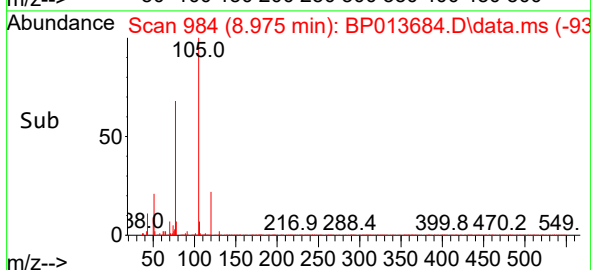
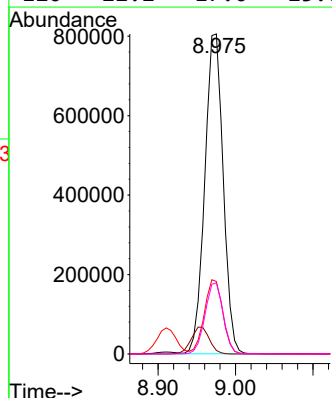
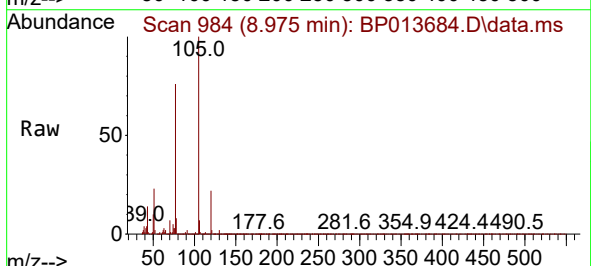
Ion Ratio Lower Upper

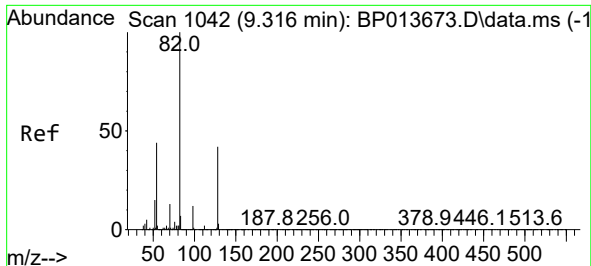
105 100

71 1.1 2.2 3.2#

51 22.7 18.6 27.8

120 22.2 17.0 25.6

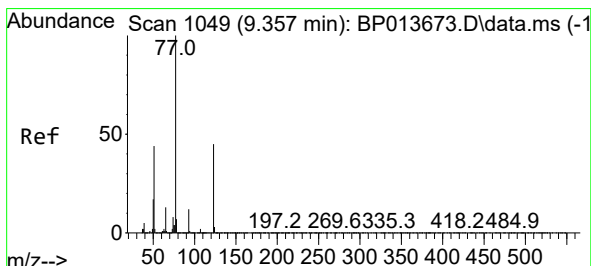
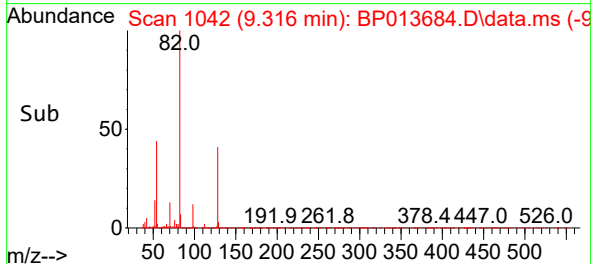
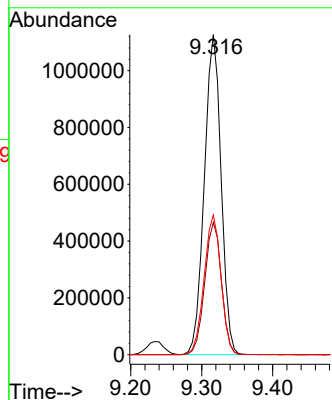
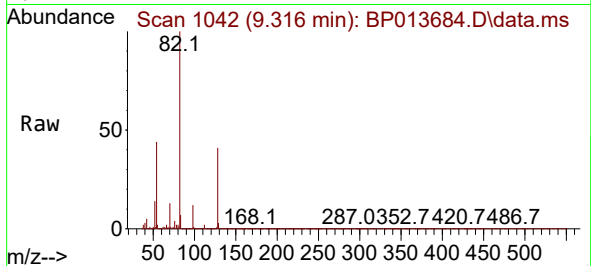




#23
Nitrobenzene-d5
Concen: 90.320 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

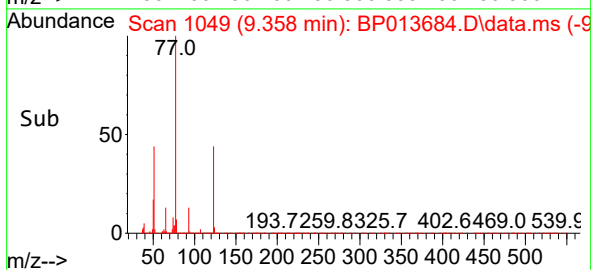
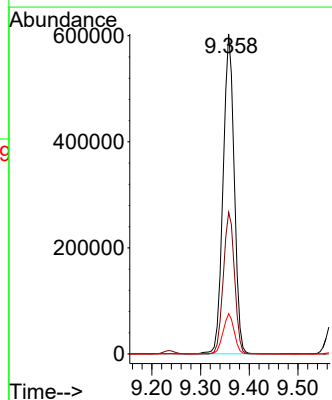
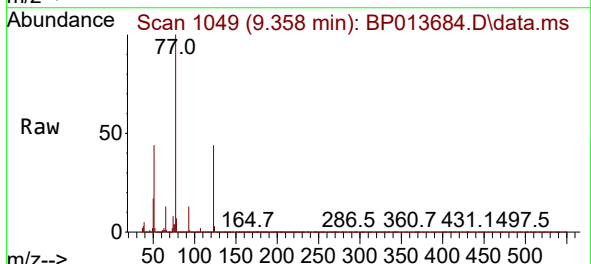
Instrument :
BNA_P
ClientSampleId :
PB150378BS

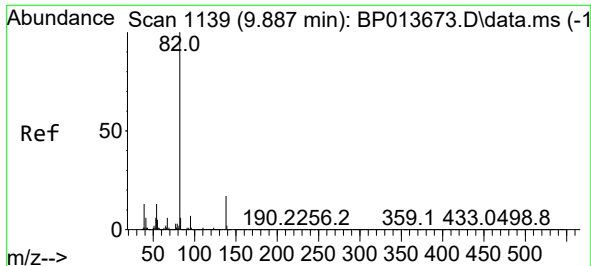
Tgt Ion: 82 Resp: 1851739
Ion Ratio Lower Upper
82 100
128 41.3 33.4 50.0
54 43.7 35.4 53.0



#24
Nitrobenzene
Concen: 43.335 ng
RT: 9.358 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 77 Resp: 963682
Ion Ratio Lower Upper
77 100
123 44.3 35.9 53.9
65 12.6 10.2 15.4

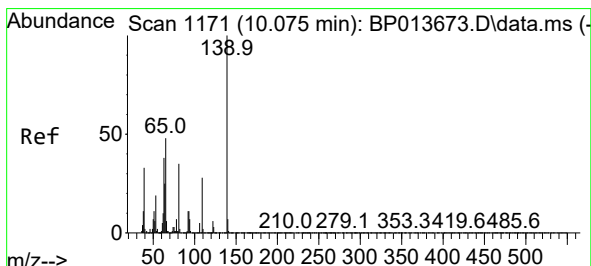
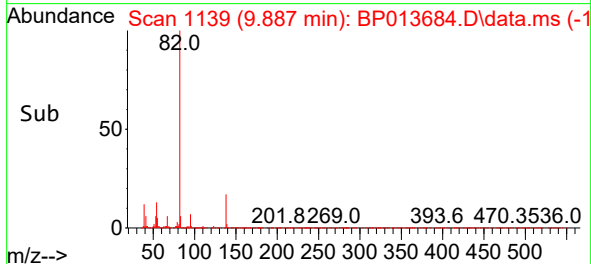
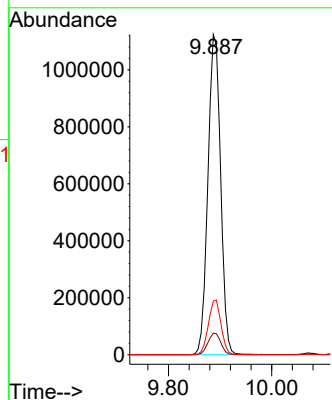
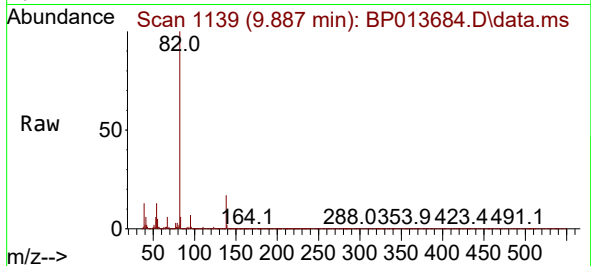




#25
Isophorone
Concen: 42.172 ng
RT: 9.887 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

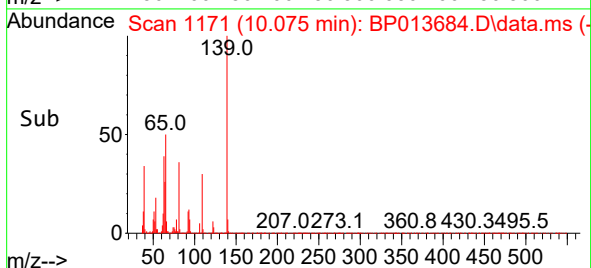
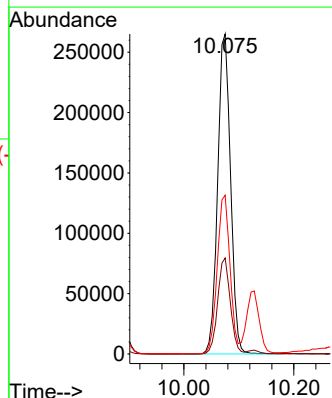
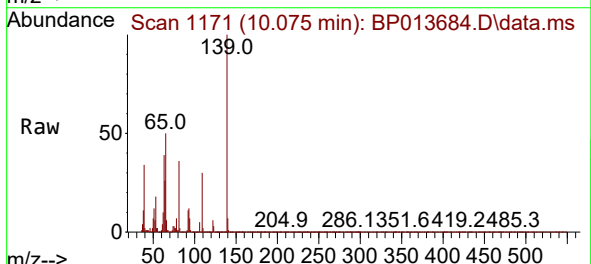
Instrument :
BNA_P
ClientSampleId :
PB150378BS

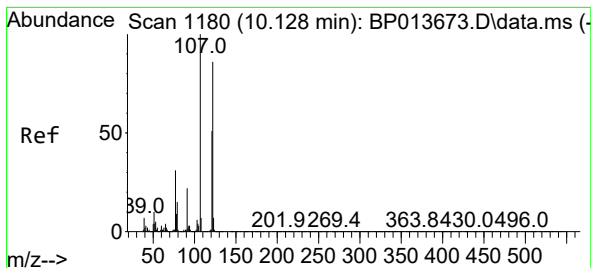
Tgt Ion: 82 Resp: 1916361
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 16.7 13.9 20.9



#26
2-Nitrophenol
Concen: 42.269 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:139 Resp: 431681
Ion Ratio Lower Upper
139 100
109 30.0 22.7 34.1
65 49.6 38.8 58.2

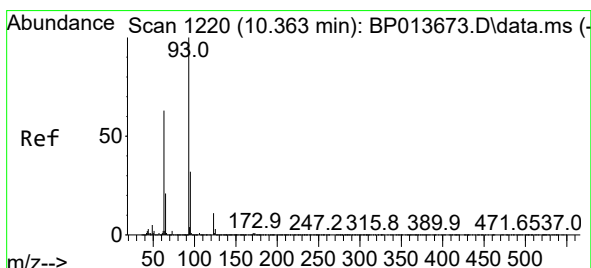
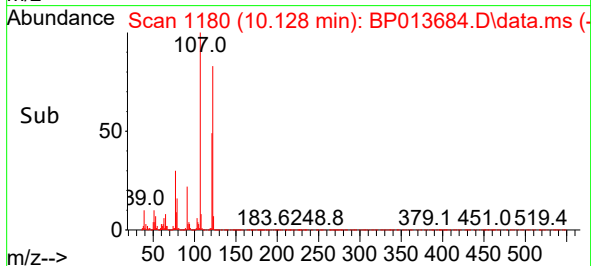
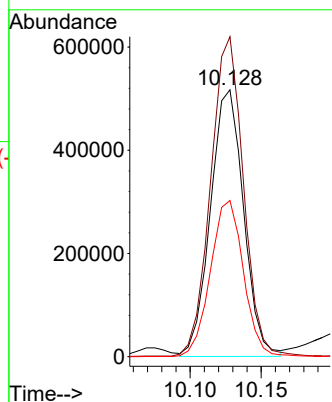
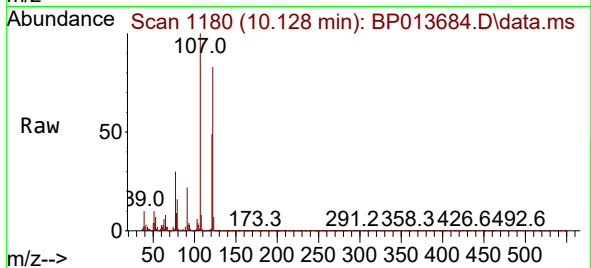




#27
2,4-Dimethylphenol
Concen: 45.719 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

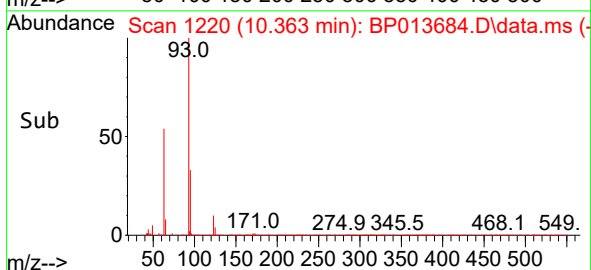
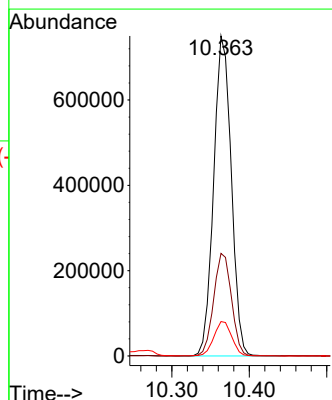
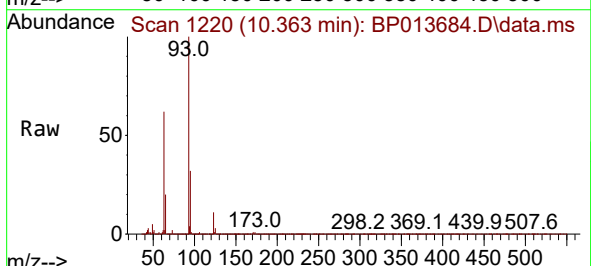
Instrument :
BNA_P
ClientSampleId :
PB150378BS

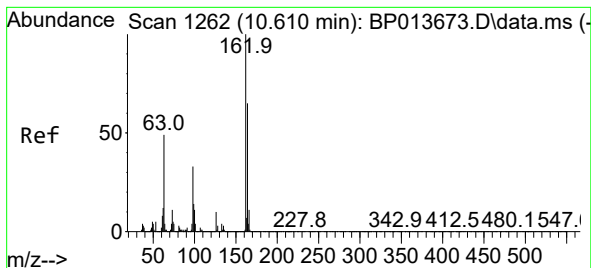
Tgt Ion:122 Resp: 838432
Ion Ratio Lower Upper
122 100
107 119.9 93.0 139.6
121 58.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.451 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 93 Resp: 1183431
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 10.8 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 46.264 ng

RT: 10.610 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

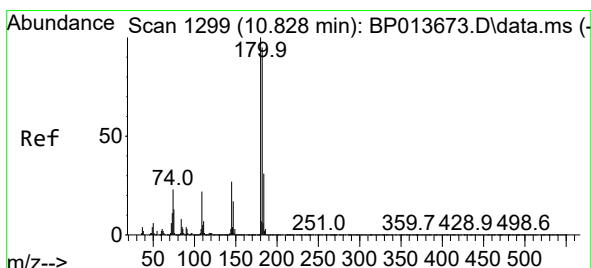
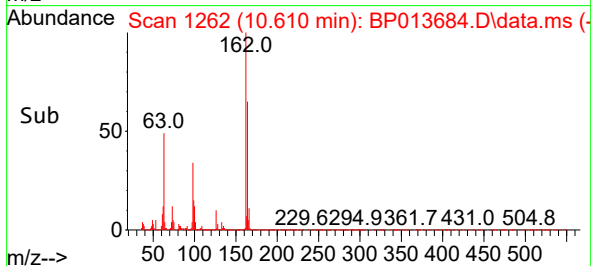
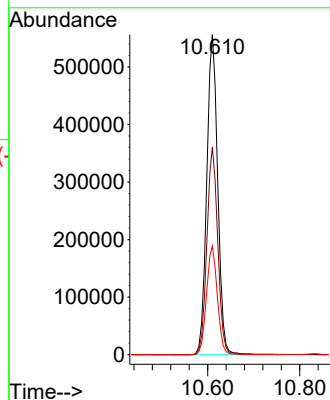
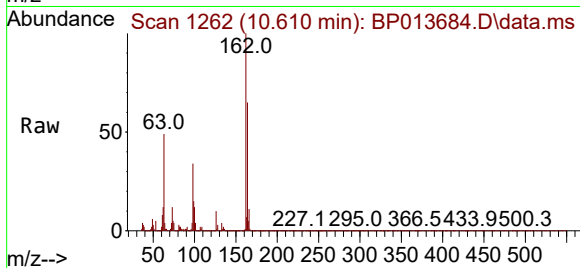
Tgt Ion:162 Resp: 923449

Ion Ratio Lower Upper

162 100

164 64.9 44.8 84.8

98 34.0 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 44.412 ng

RT: 10.828 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

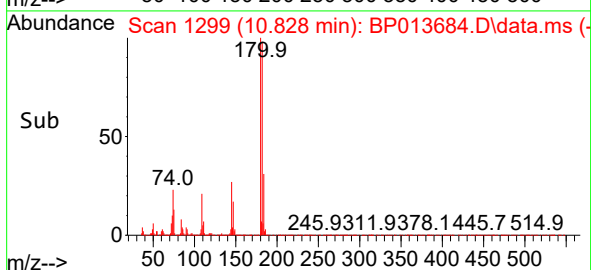
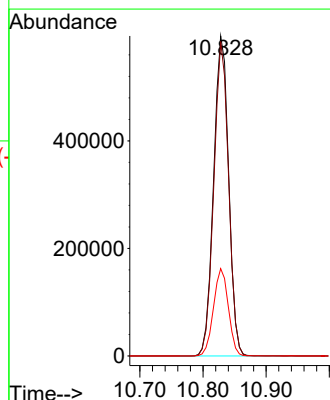
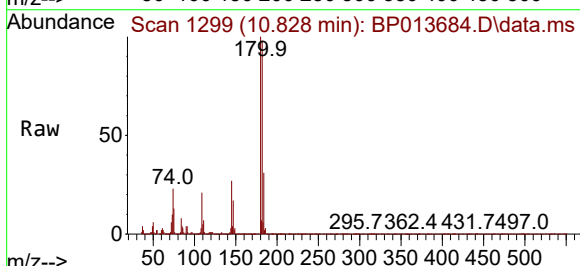
Tgt Ion:180 Resp: 983645

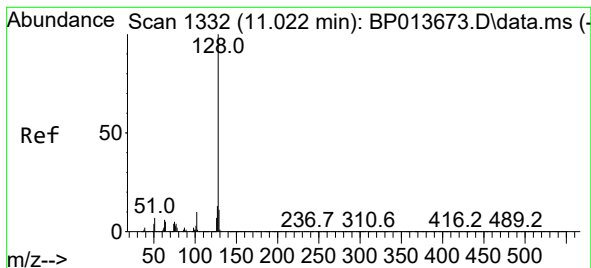
Ion Ratio Lower Upper

180 100

182 98.2 76.4 114.6

145 27.3 21.9 32.9





#31

Naphthalene

Concen: 42.109 ng

RT: 11.022 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

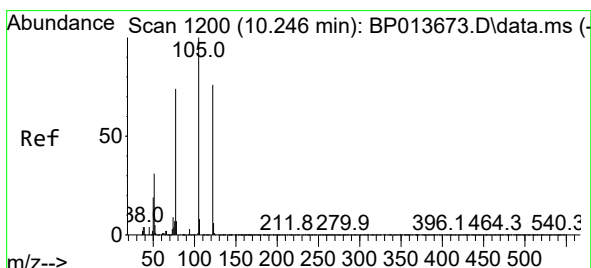
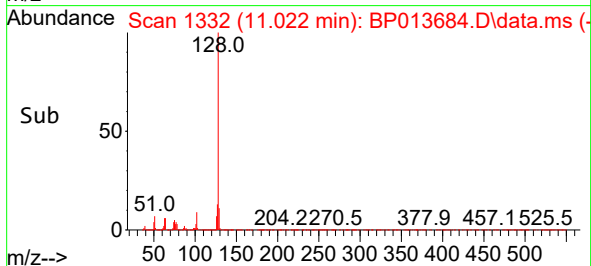
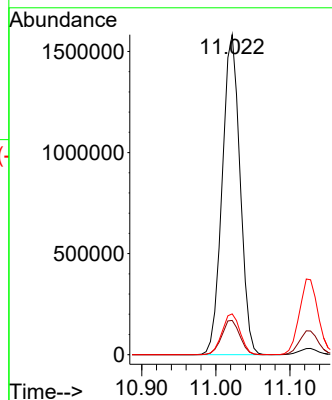
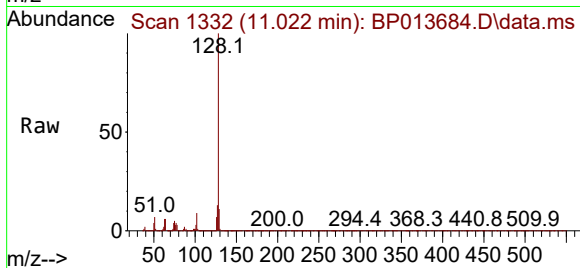
Tgt Ion:128 Resp: 2640523

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.8 10.5 15.7



#32

Benzoic acid

Concen: 42.248 ng

RT: 10.269 min Scan# 1204

Delta R.T. 0.023 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

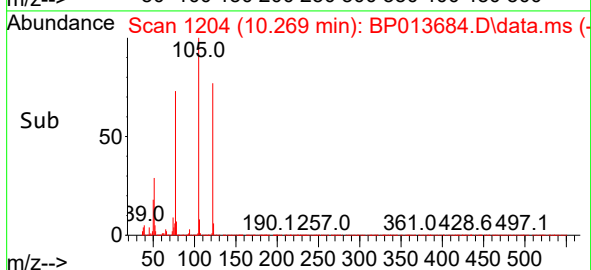
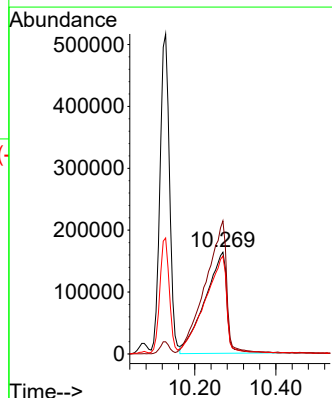
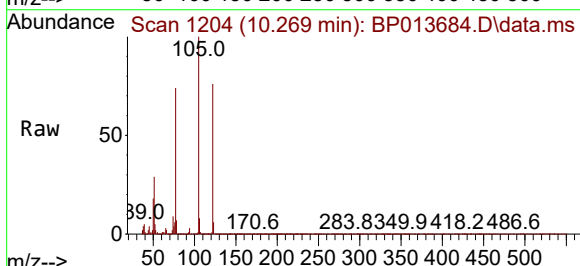
Tgt Ion:122 Resp: 612212

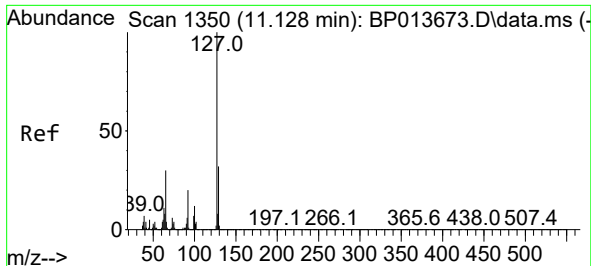
Ion Ratio Lower Upper

122 100

105 130.7 105.5 145.5

77 96.2 74.7 114.7

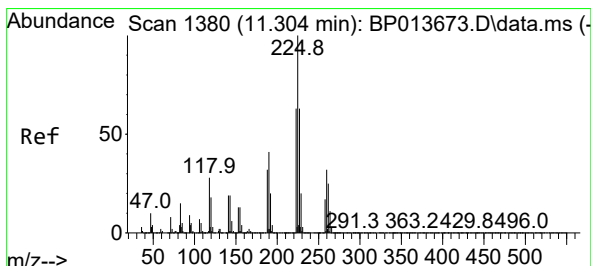
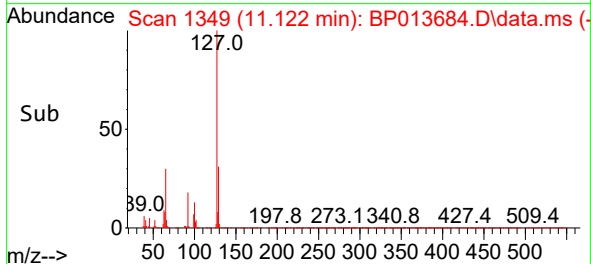
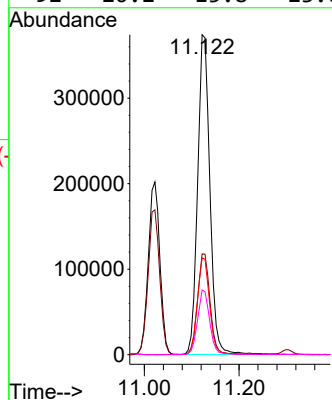
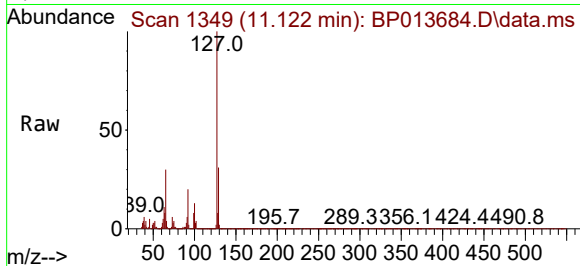




#33
4-Chloroaniline
Concen: 24.384 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

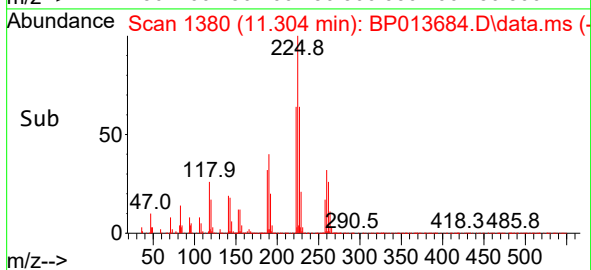
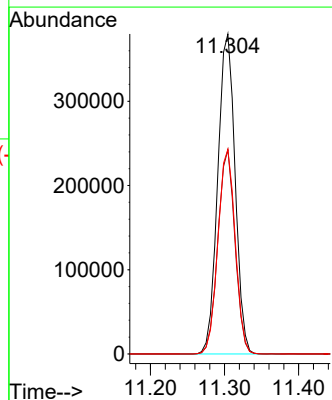
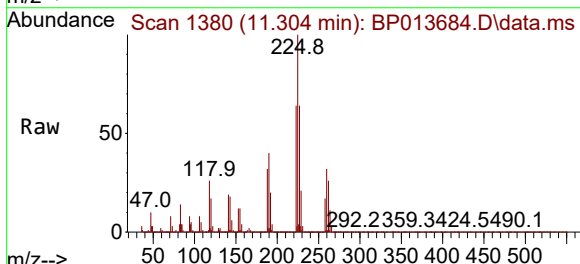
Instrument :
BNA_P
ClientSampleId :
PB150378BS

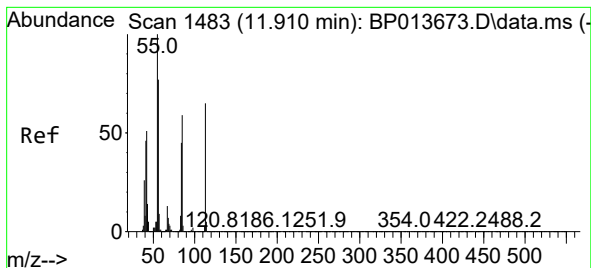
Tgt Ion:127 Resp: 671860
Ion Ratio Lower Upper
127 100
129 31.5 25.3 37.9
65 30.3 23.8 35.8
92 20.2 15.8 23.6



#34
Hexachlorobutadiene
Concen: 43.889 ng
RT: 11.304 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:225 Resp: 617034
Ion Ratio Lower Upper
225 100
223 63.8 50.5 75.7
227 64.0 50.6 75.8

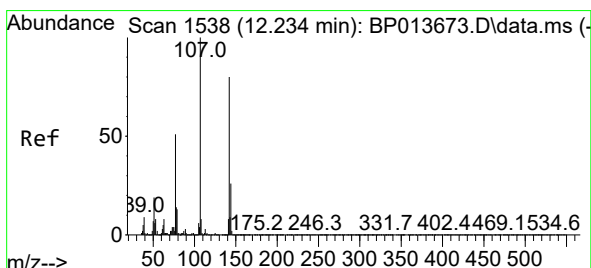
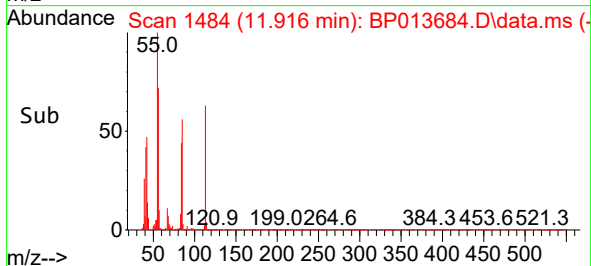
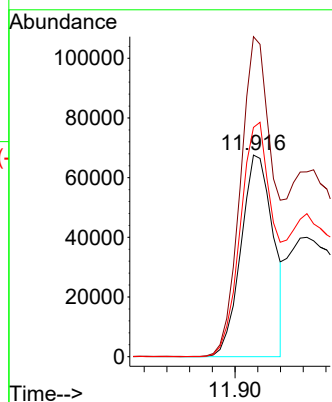
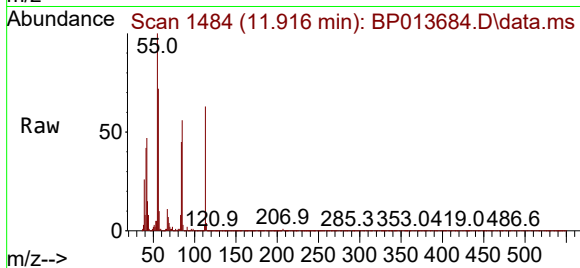




#35
Caprolactam
Concen: 20.322 ng
RT: 11.916 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

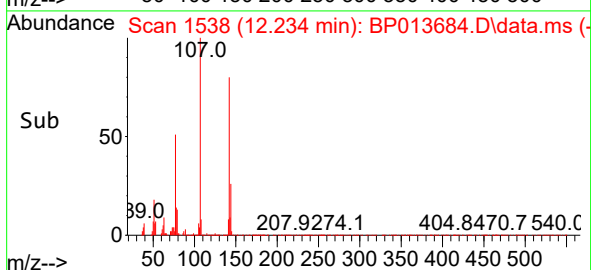
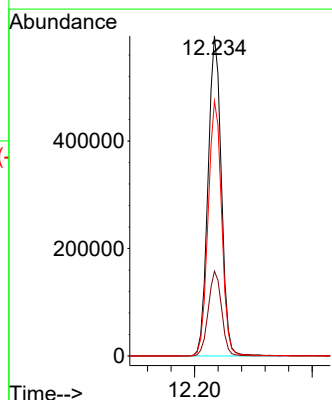
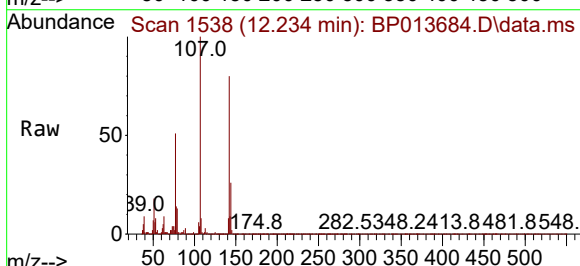
Instrument :
BNA_P
ClientSampleId :
PB150378BS

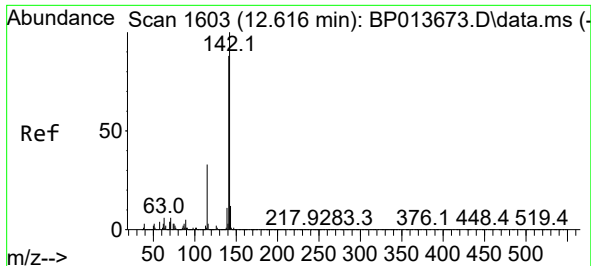
Tgt Ion:113 Resp: 133212
Ion Ratio Lower Upper
113 100
55 158.7 133.0 173.0
56 113.7 97.4 137.4



#36
4-Chloro-3-methylphenol
Concen: 44.694 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:107 Resp: 938418
Ion Ratio Lower Upper
107 100
144 26.5 20.8 31.2
142 79.7 64.0 96.0

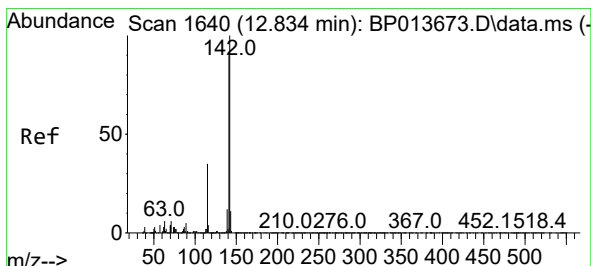
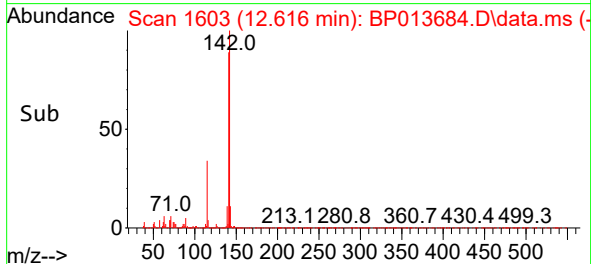
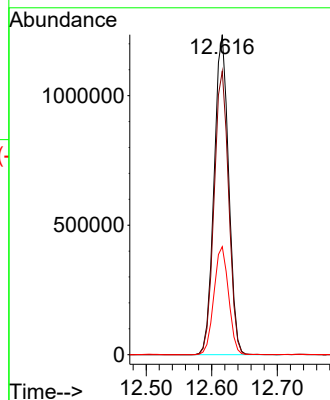
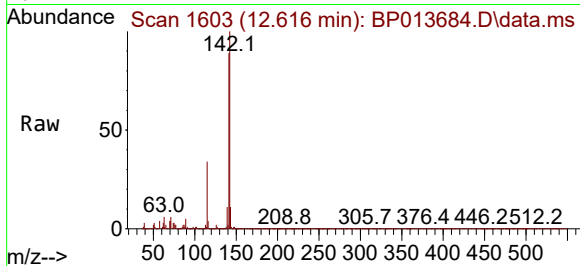




#37
2-Methylnaphthalene
Concen: 40.298 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

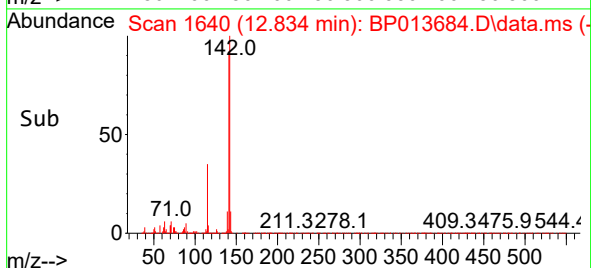
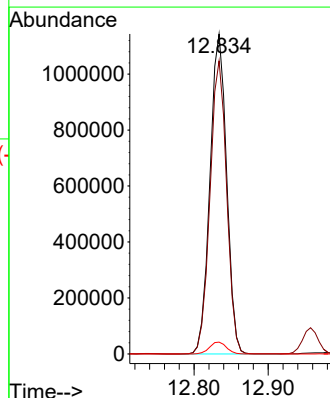
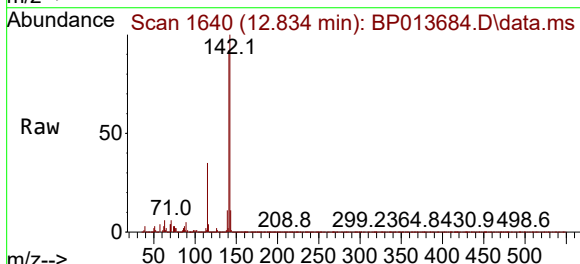
Instrument :
BNA_P
ClientSampleId :
PB150378BS

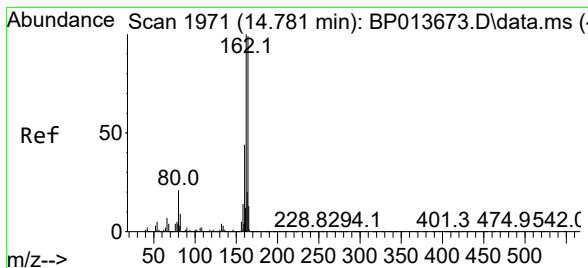
Tgt Ion:142 Resp: 1900067
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 33.8 26.4 39.6



#38
1-Methylnaphthalene
Concen: 40.277 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:142 Resp: 1783880
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.4
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

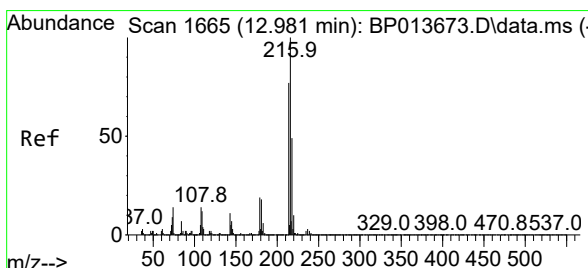
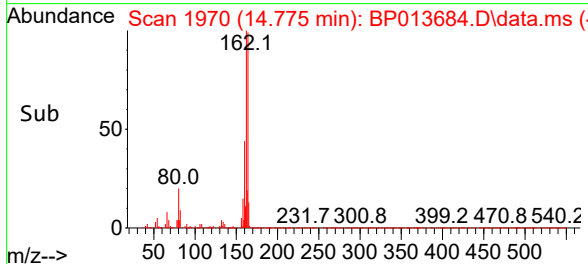
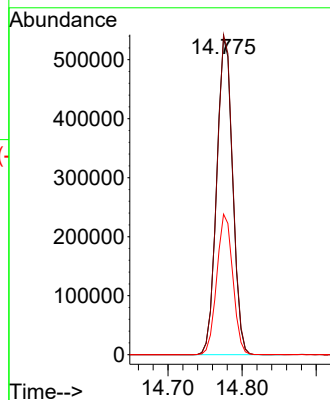
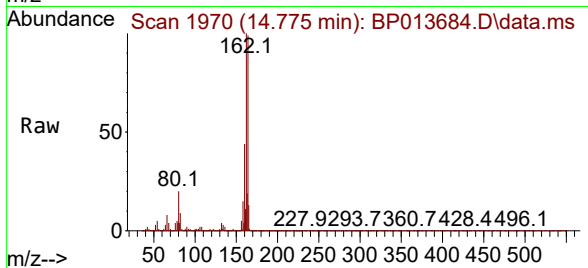
Tgt Ion:164 Resp: 801024

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.410 ng

RT: 12.981 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Tgt Ion:216 Resp: 1187147

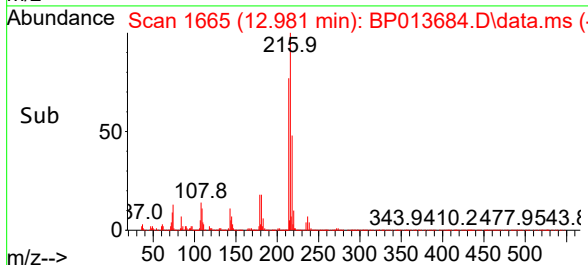
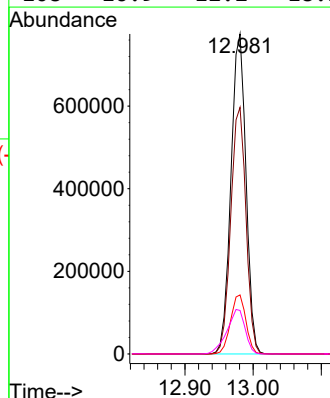
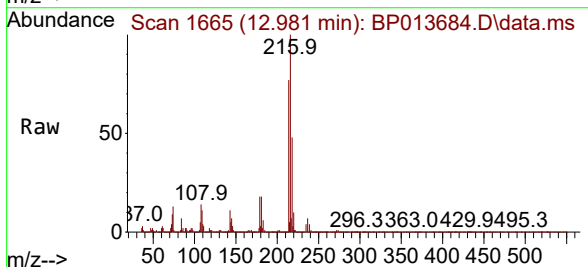
Ion Ratio Lower Upper

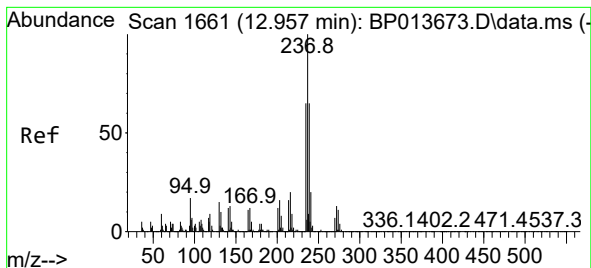
216 100

214 78.1 62.6 94.0

179 18.9 15.2 22.8

108 16.9 12.2 18.2

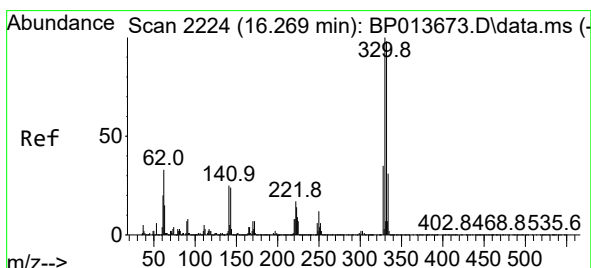
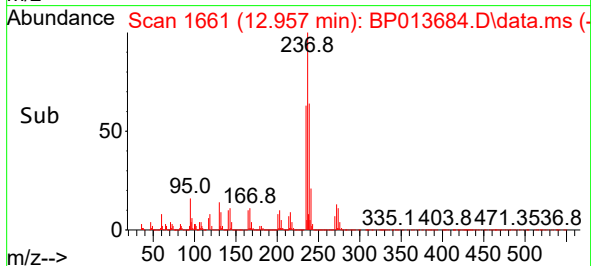
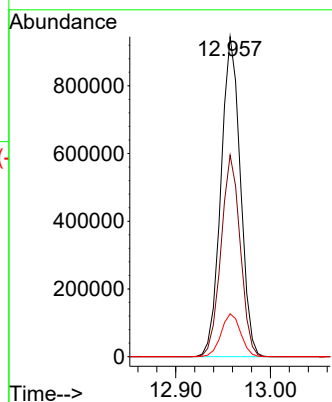
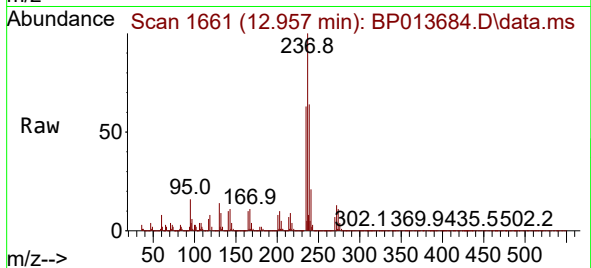




#41
Hexachlorocyclopentadiene
Concen: 107.923 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

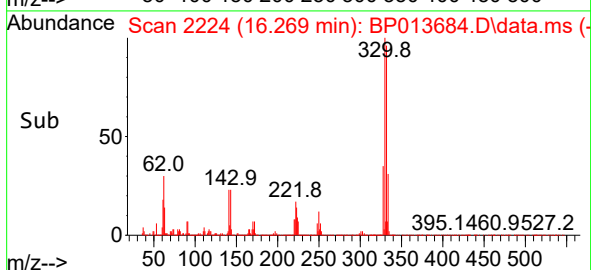
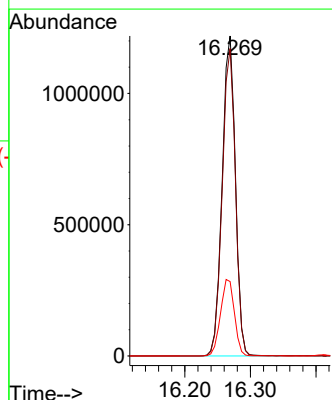
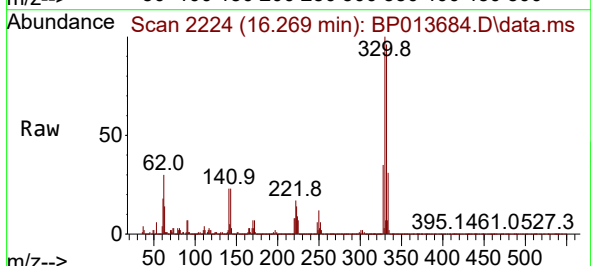
Instrument :
BNA_P
ClientSampleId :
PB150378BS

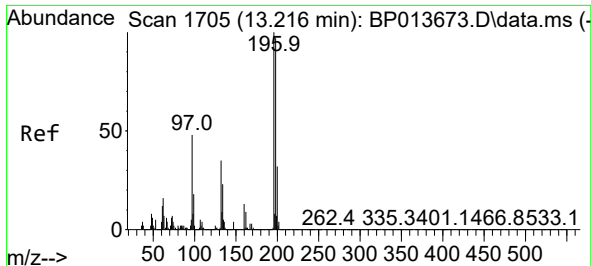
Tgt Ion:237 Resp: 1347081
Ion Ratio Lower Upper
237 100
235 63.0 44.6 84.6
272 13.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 141.285 ng
RT: 16.269 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:330 Resp: 1697472
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 25.2 21.3 31.9

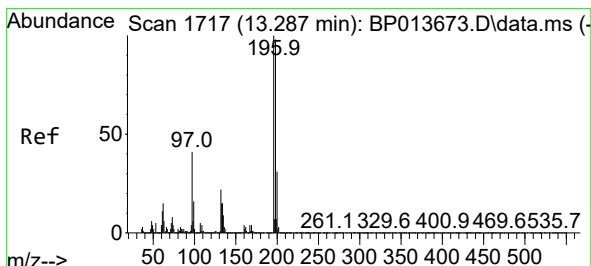
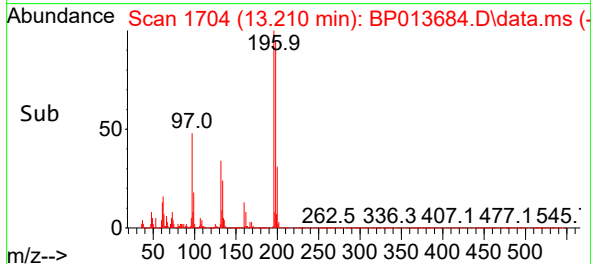
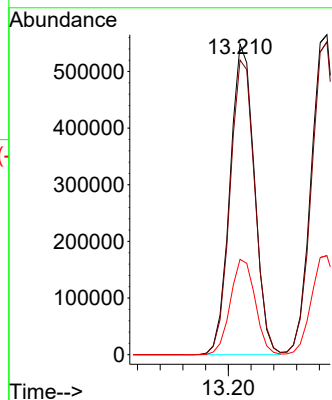
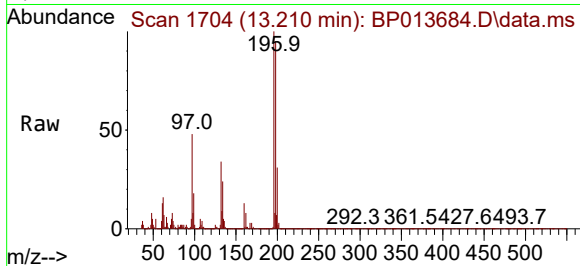




#43
2,4,6-Trichlorophenol
Concen: 45.326 ng
RT: 13.210 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

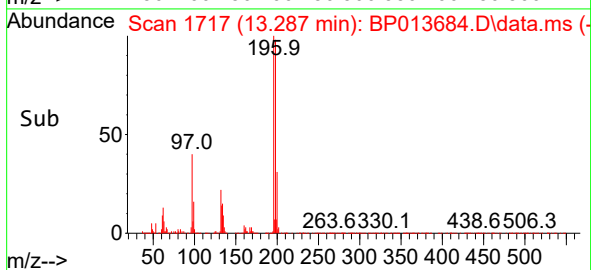
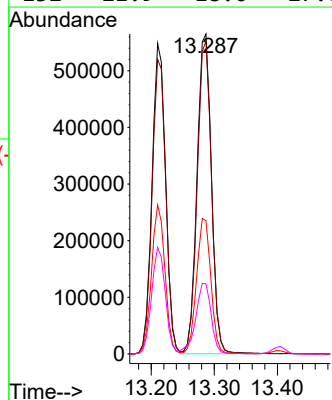
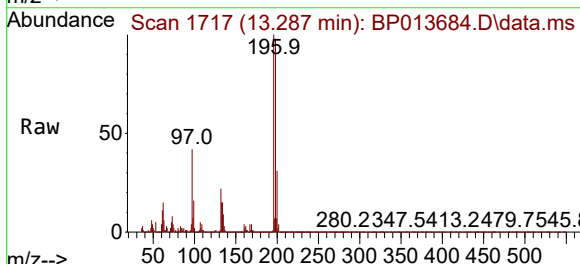
Instrument :
BNA_P
ClientSampleId :
PB150378BS

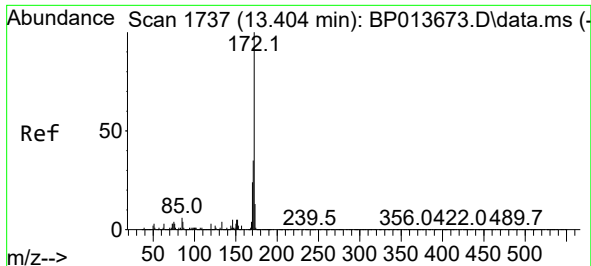
Tgt Ion:196 Resp: 816214
Ion Ratio Lower Upper
196 100
198 94.9 77.5 116.3
200 30.7 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 42.502 ng
RT: 13.287 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:196 Resp: 896098
Ion Ratio Lower Upper
196 100
198 97.7 78.2 117.2
97 41.7 33.2 49.8
132 21.9 18.0 27.0

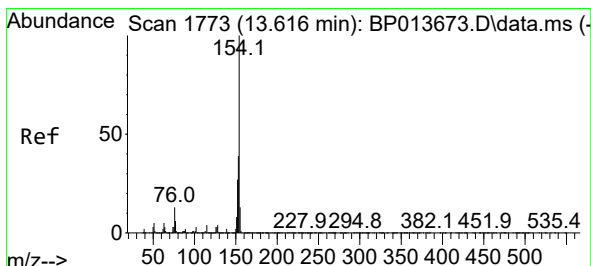
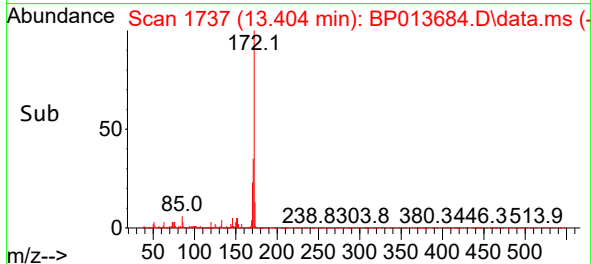
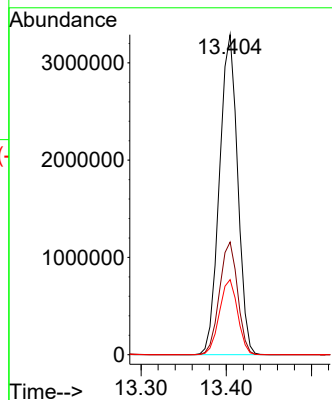
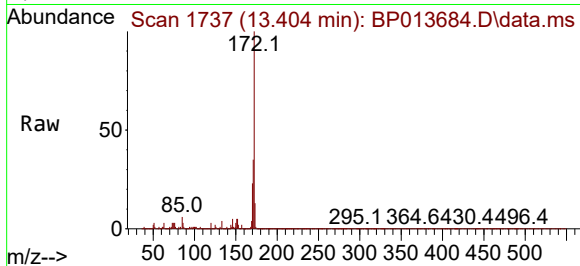




#45
2-Fluorobiphenyl
Concen: 85.186 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

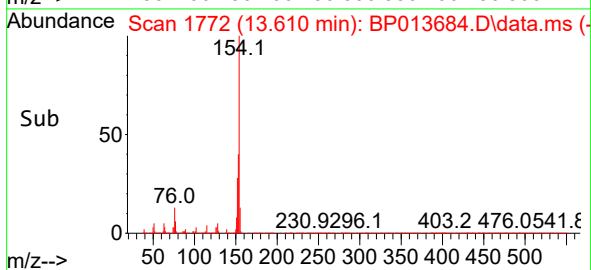
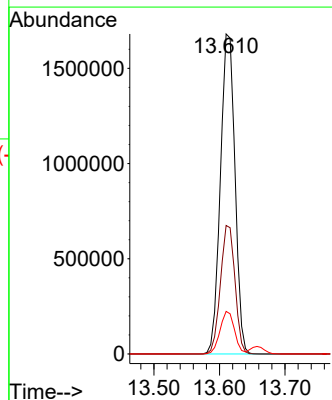
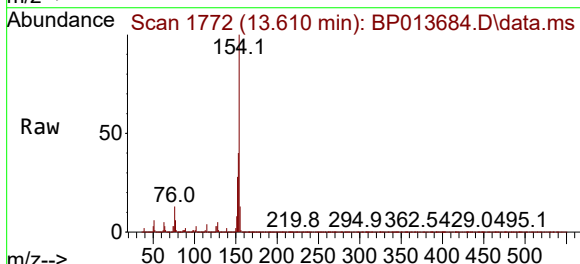
Instrument :
BNA_P
ClientSampleId :
PB150378BS

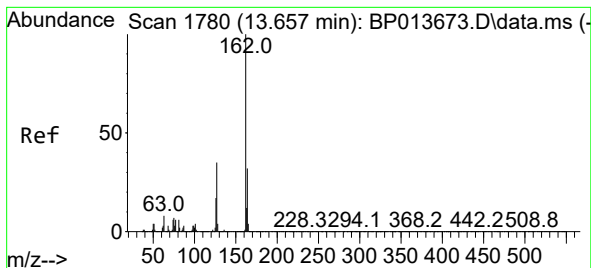
Tgt Ion:172 Resp: 4876543
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.552 ng
RT: 13.610 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:154 Resp: 2579371
Ion Ratio Lower Upper
154 100
153 40.1 19.3 59.3
76 13.3 0.0 33.1

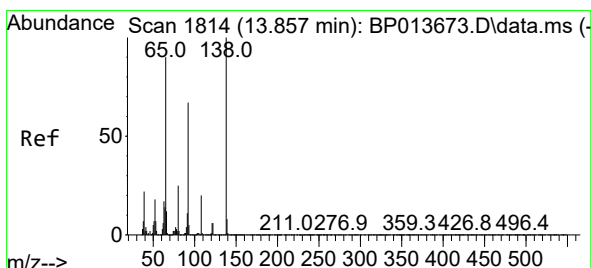
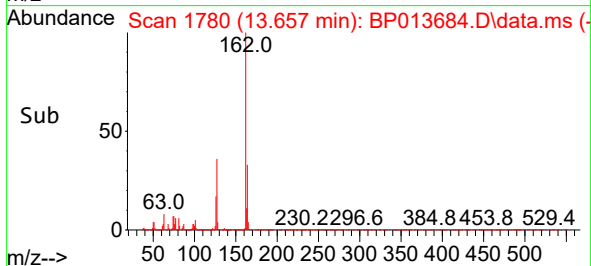
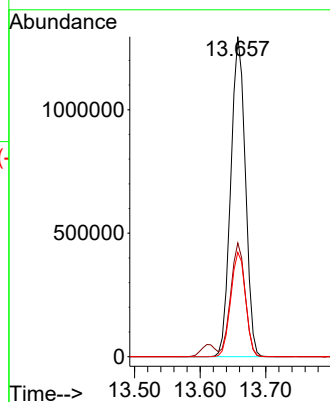
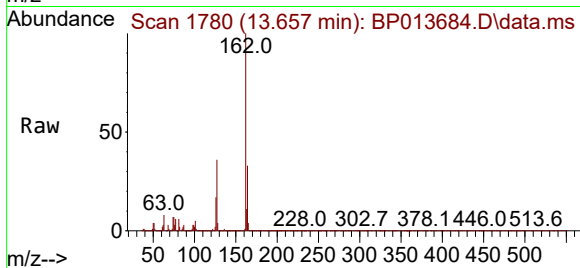




#47
2-Chloronaphthalene
Concen: 42.789 ng
RT: 13.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

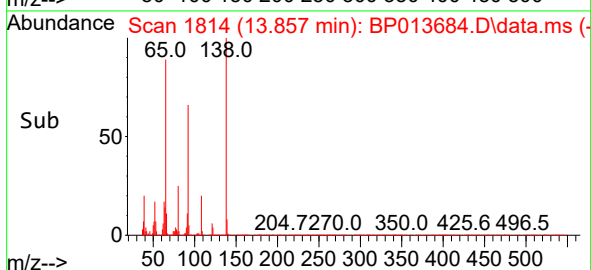
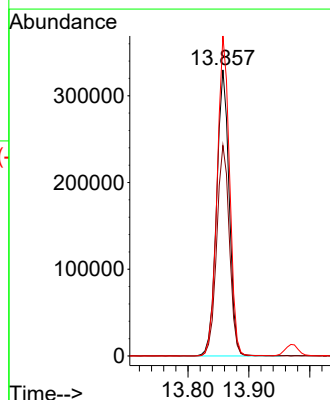
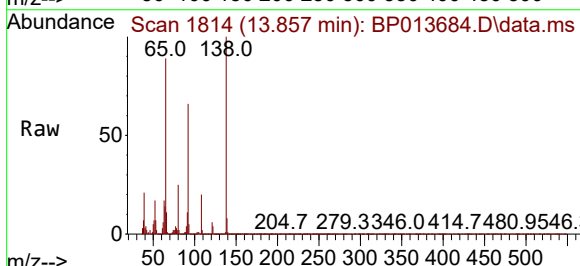
Instrument :
BNA_P
ClientSampleId :
PB150378BS

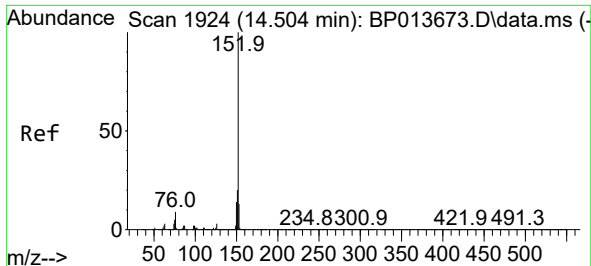
Tgt Ion:162 Resp: 2004868
Ion Ratio Lower Upper
162 100
127 35.6 28.3 42.5
164 32.6 25.9 38.9



#48
2-Nitroaniline
Concen: 40.830 ng
RT: 13.857 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 65 Resp: 471762
Ion Ratio Lower Upper
65 100
92 73.6 59.4 89.0
138 111.9 88.6 133.0

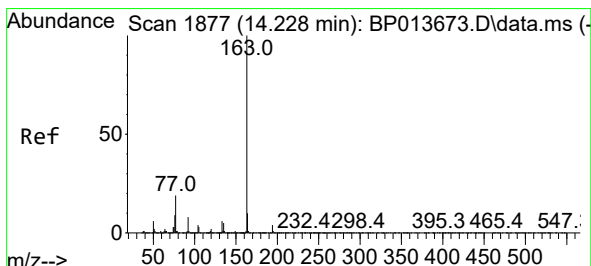
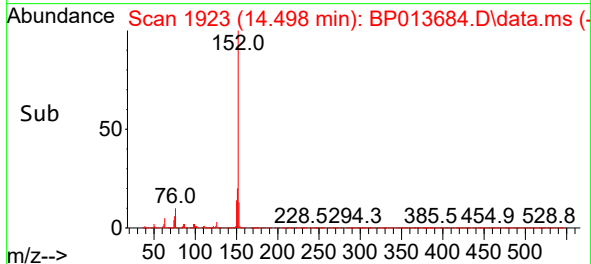
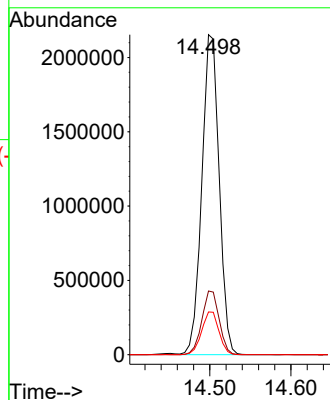
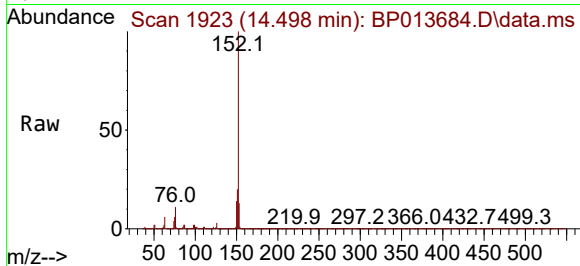




#49
Acenaphthylene
Concen: 42.163 ng
RT: 14.498 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

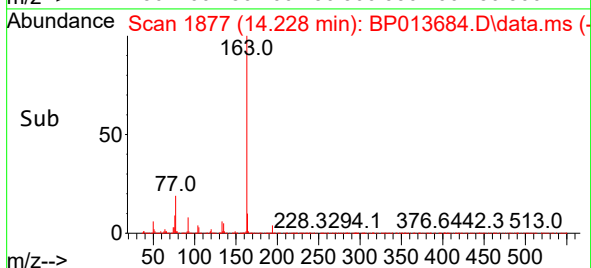
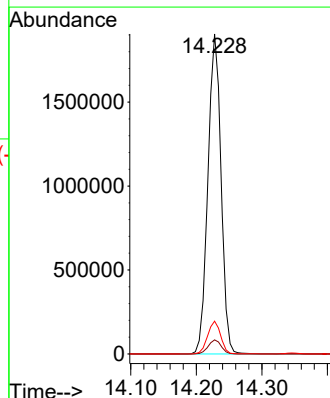
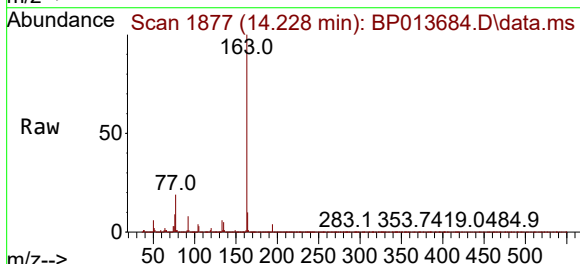
Instrument :
BNA_P
ClientSampleId :
PB150378BS

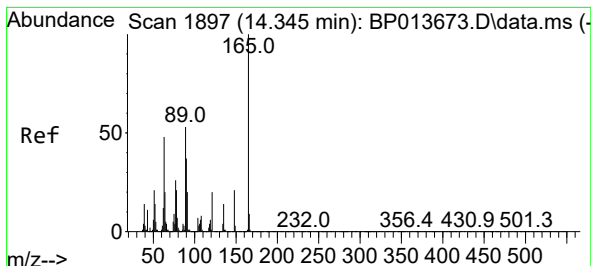
Tgt Ion:152 Resp: 3185877
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 42.891 ng
RT: 14.228 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:163 Resp: 2657412
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 43.527 ng

RT: 14.345 min Scan# 1897

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

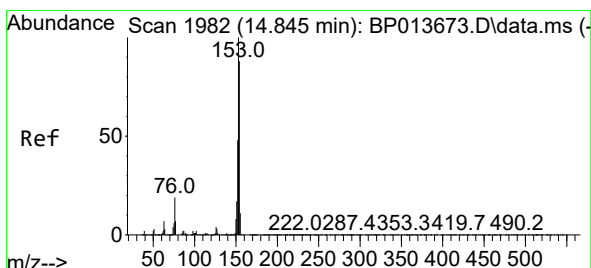
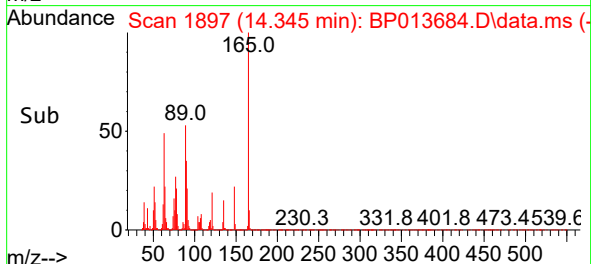
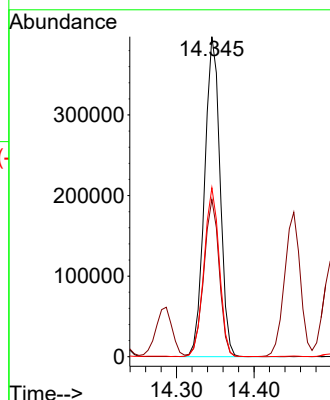
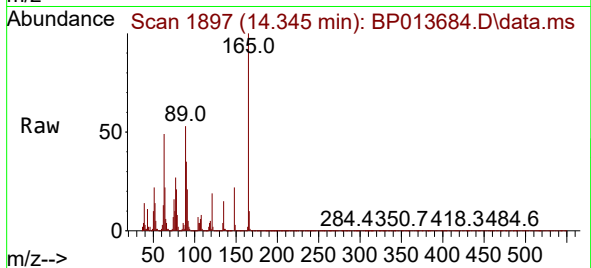
Tgt Ion:165 Resp: 550559

Ion Ratio Lower Upper

165 100

63 49.1 39.8 59.6

89 52.8 42.4 63.6



#52

Acenaphthene

Concen: 39.908 ng

RT: 14.840 min Scan# 1981

Delta R.T. -0.005 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

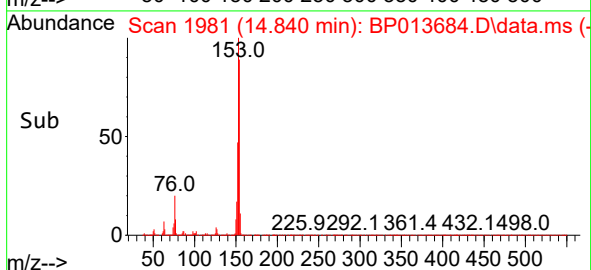
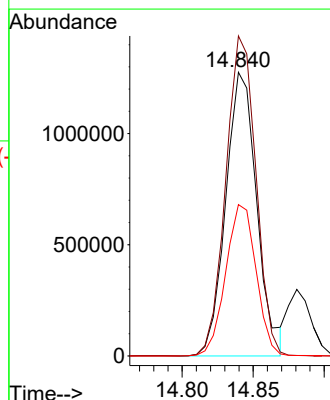
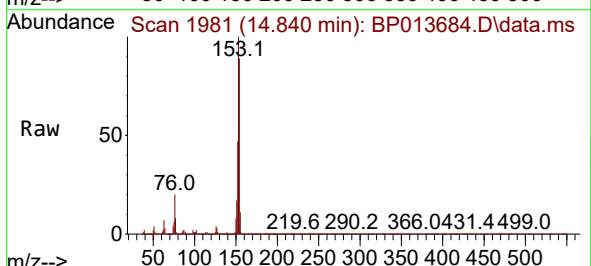
Tgt Ion:154 Resp: 1941338

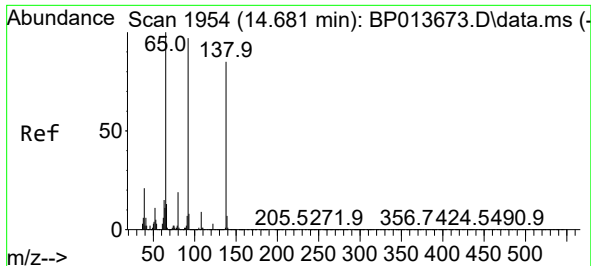
Ion Ratio Lower Upper

154 100

153 112.8 90.6 135.8

152 53.4 43.4 65.0

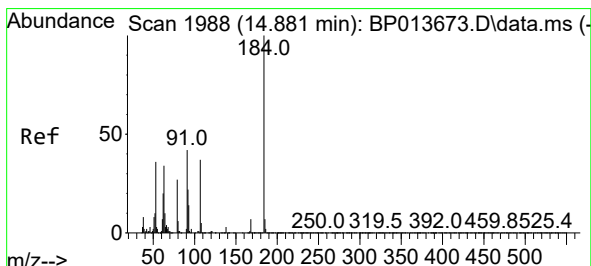
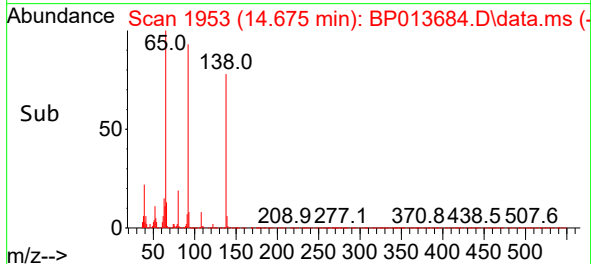
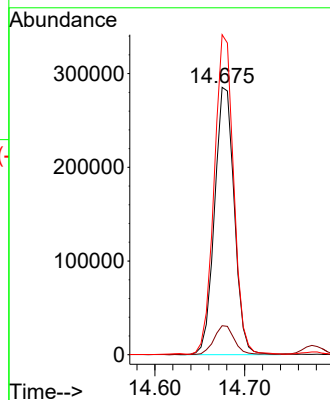
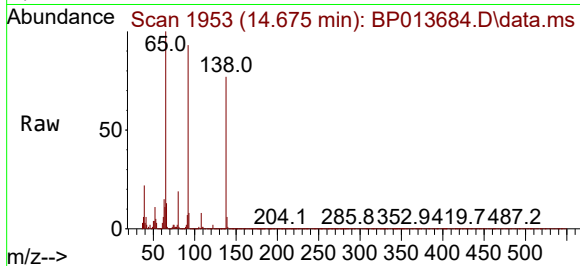




#53
3-Nitroaniline
Concen: 33.113 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

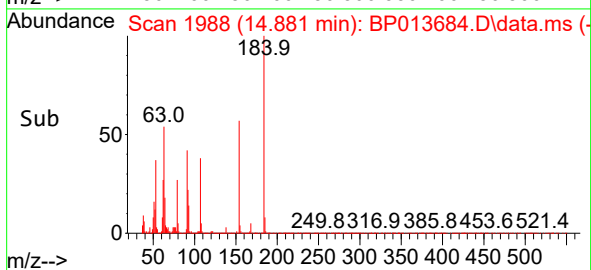
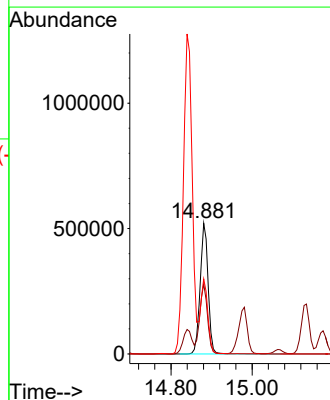
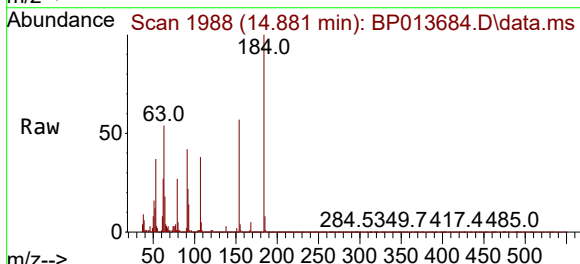
Instrument :
BNA_P
ClientSampleId :
PB150378BS

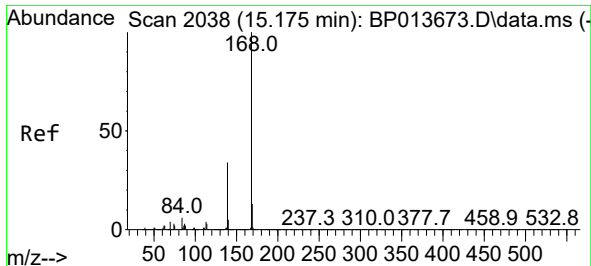
Tgt Ion:138 Resp: 435346
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 119.7 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 85.614 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:184 Resp: 715278
Ion Ratio Lower Upper
184 100
63 53.6 41.4 62.0
154 57.4 44.3 66.5

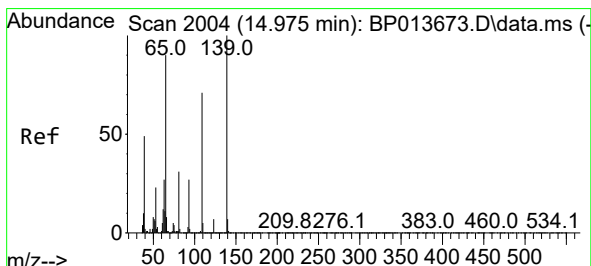
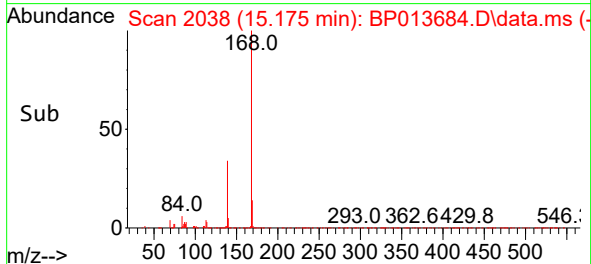
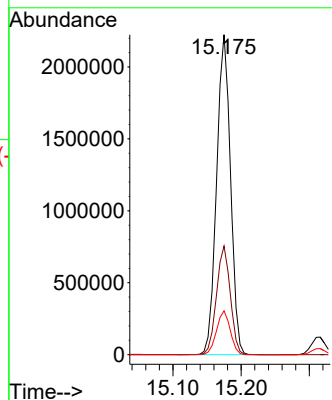
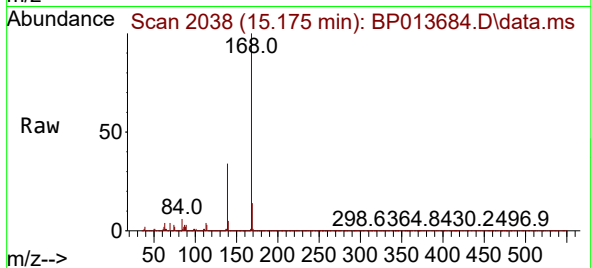




#55
Dibenzofuran
Concen: 41.406 ng
RT: 15.175 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

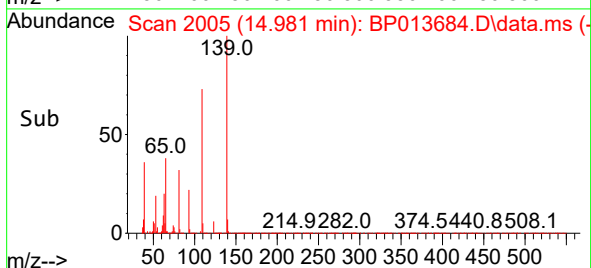
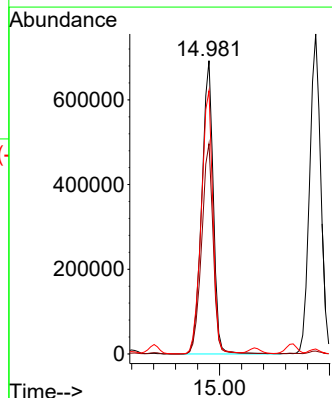
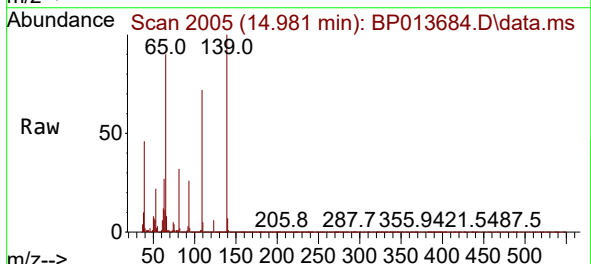
Instrument :
BNA_P
ClientSampleId :
PB150378BS

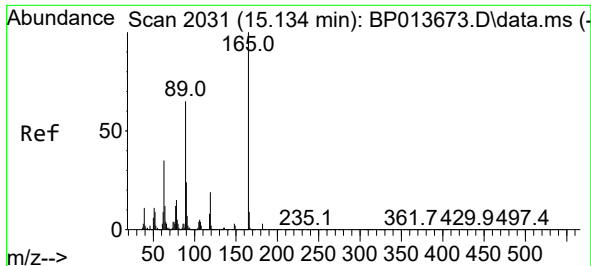
Tgt Ion:168 Resp: 3152288
Ion Ratio Lower Upper
168 100
139 34.0 27.4 41.2
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 94.052 ng
RT: 14.981 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:139 Resp: 1010325
Ion Ratio Lower Upper
139 100
109 71.7 50.9 90.9
65 89.7 70.0 110.0

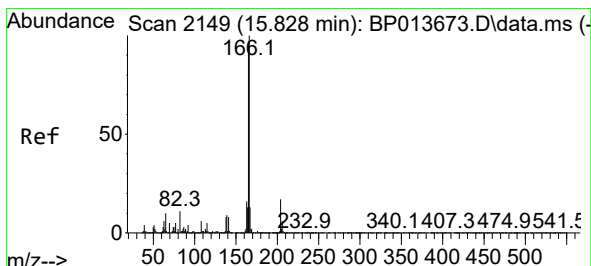
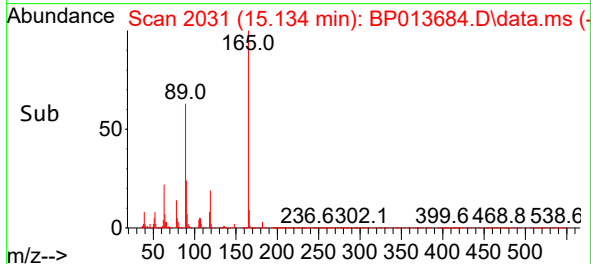
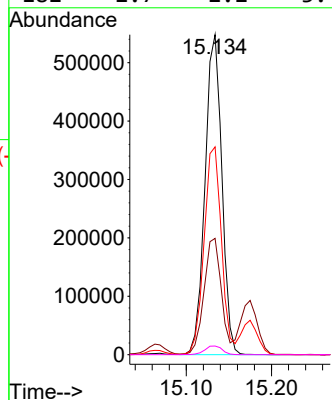
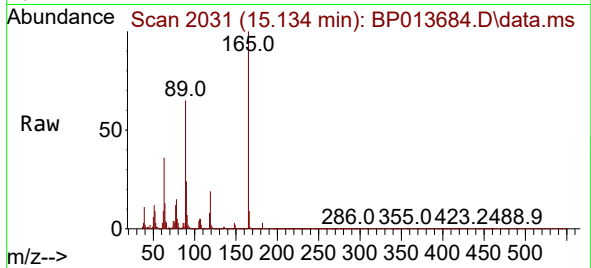




#57
2,4-Dinitrotoluene
Concen: 44.321 ng
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

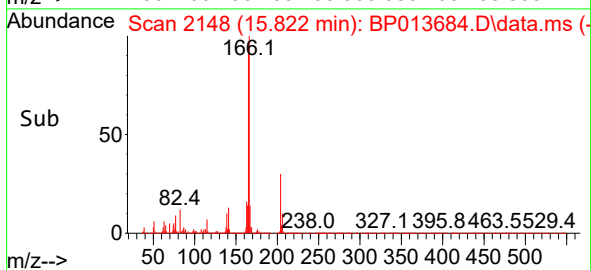
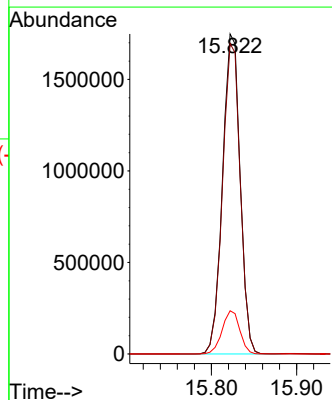
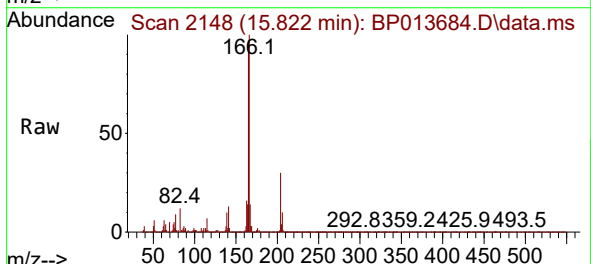
Instrument :
BNA_P
ClientSampleId :
PB150378BS

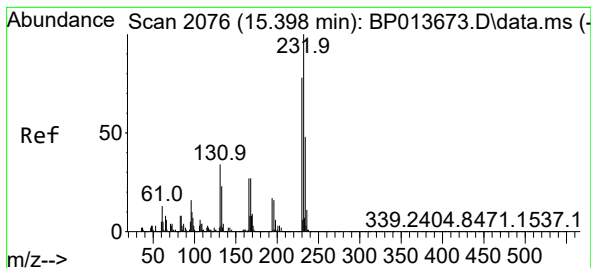
Tgt Ion:	165	Resp:	751250
Ion	Ratio	Lower	Upper
165	100		
63	36.4	28.1	42.1
89	65.0	52.0	78.0
182	2.7	2.2	3.4



#58
Fluorene
Concen: 41.965 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:	166	Resp:	2508341
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.5	10.6	15.8

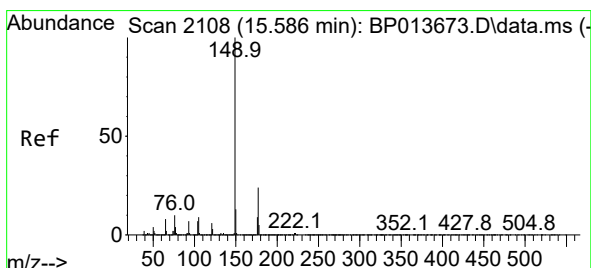
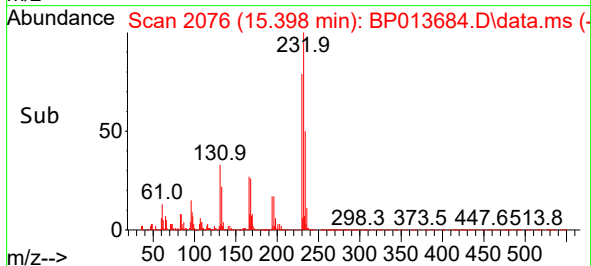
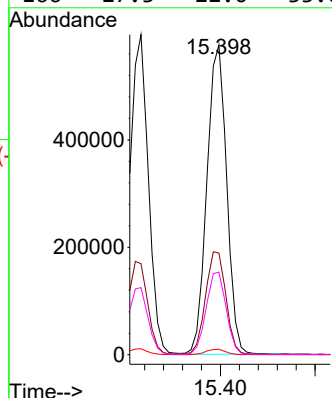
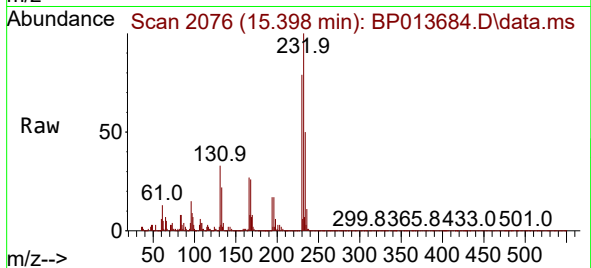




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.384 ng
RT: 15.398 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

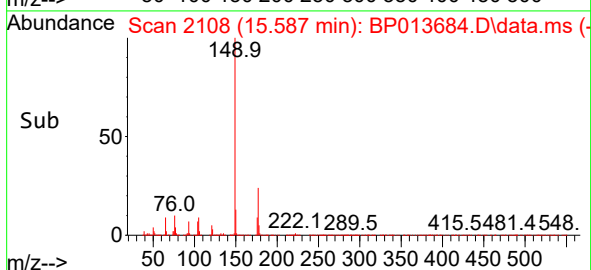
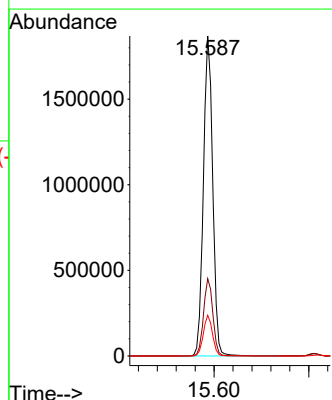
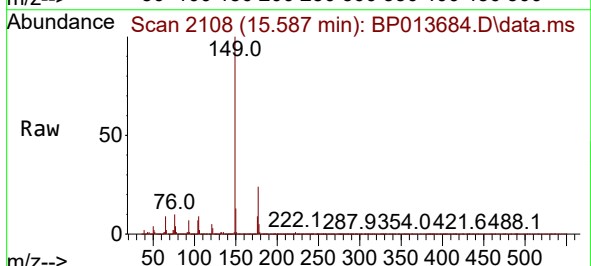
Instrument :
BNA_P
ClientSampleId :
PB150378BS

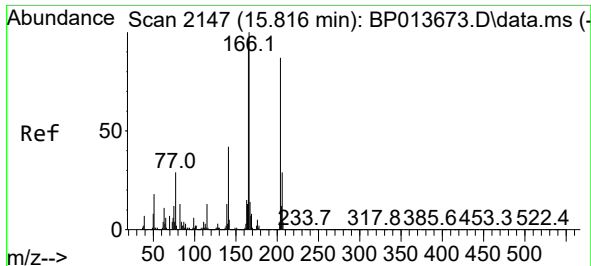
Tgt Ion:232 Resp: 832052
Ion Ratio Lower Upper
232 100
131 34.4 27.9 41.9
130 1.8 1.4 2.0
166 27.3 22.0 33.0



#60
Diethylphthalate
Concen: 42.968 ng
RT: 15.587 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:149 Resp: 2552116
Ion Ratio Lower Upper
149 100
177 24.2 19.2 28.8
150 12.7 10.1 15.1

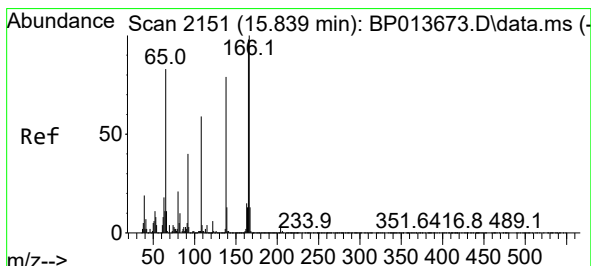
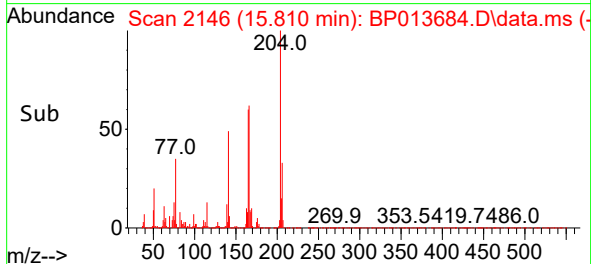
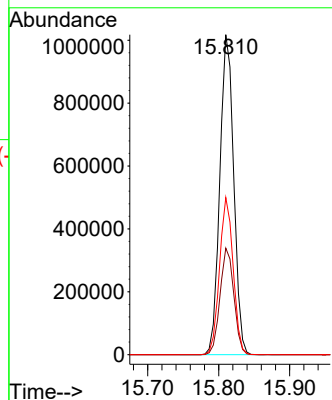
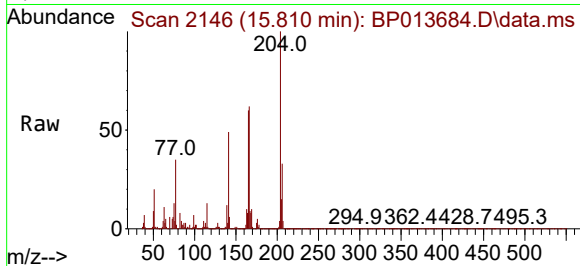




#61
4-Chlorophenyl-phenylether
Concen: 42.310 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

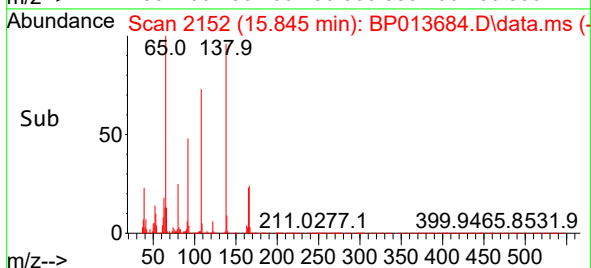
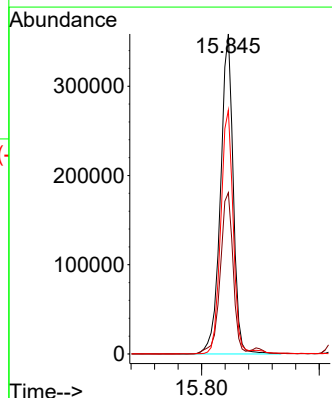
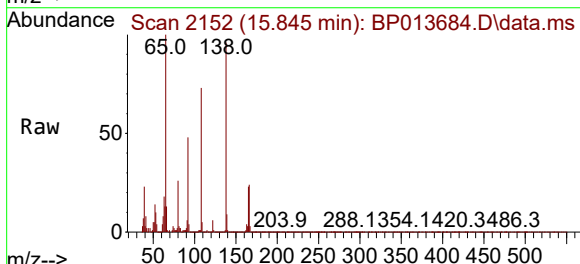
Instrument :
BNA_P
ClientSampleId :
PB150378BS

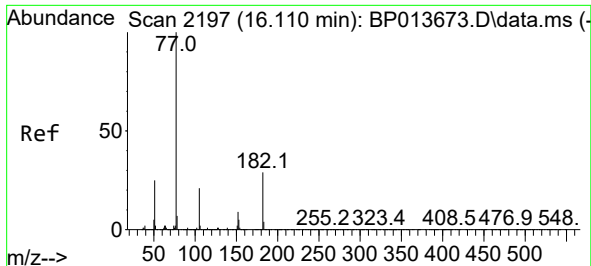
Tgt Ion:204 Resp: 1377167
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 49.1 38.1 57.1



#62
4-Nitroaniline
Concen: 40.362 ng
RT: 15.845 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:138 Resp: 540433
Ion Ratio Lower Upper
138 100
92 50.4 30.3 70.3
108 76.2 55.4 95.4

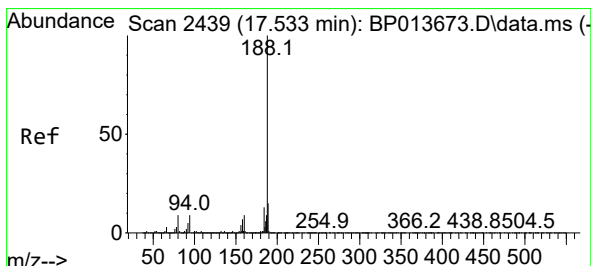
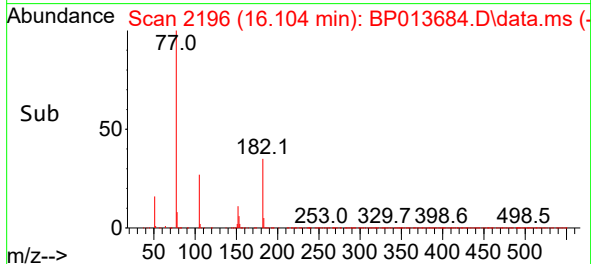
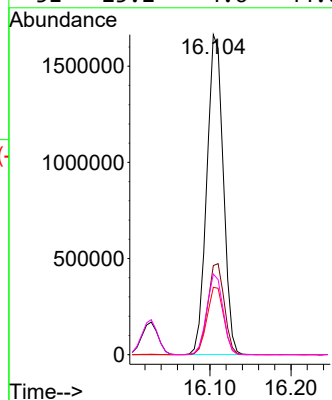
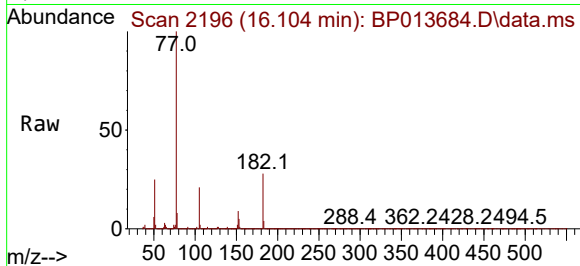




#63
Azobenzene
Concen: 42.530 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

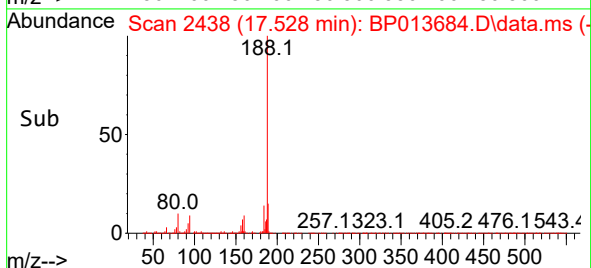
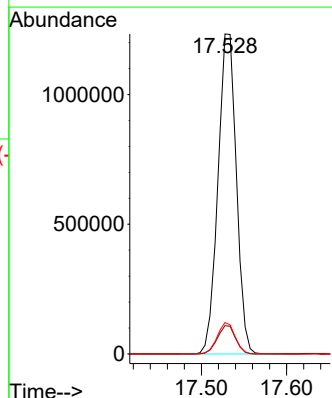
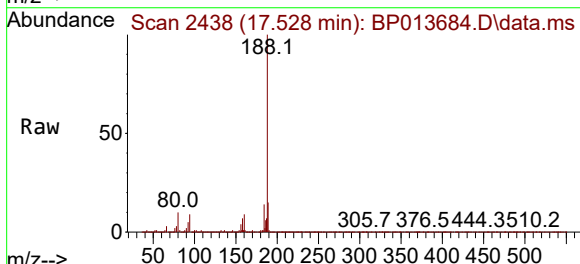
Instrument :
BNA_P
ClientSampleId :
PB150378BS

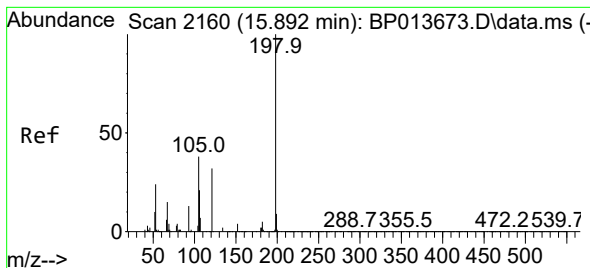
Tgt Ion: 77 Resp: 2333492
Ion Ratio Lower Upper
77 100
182 27.8 9.3 49.3
105 21.0 1.1 41.1
51 25.2 4.6 44.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:188 Resp: 1851077
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.8 7.4 11.0

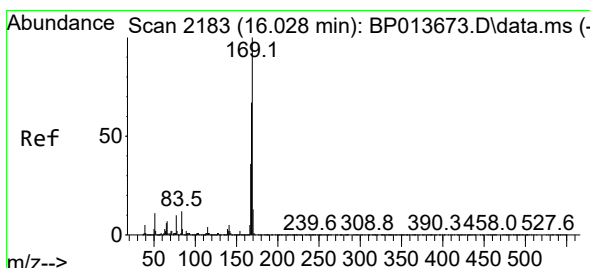
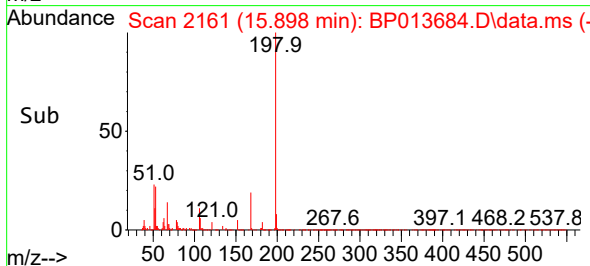
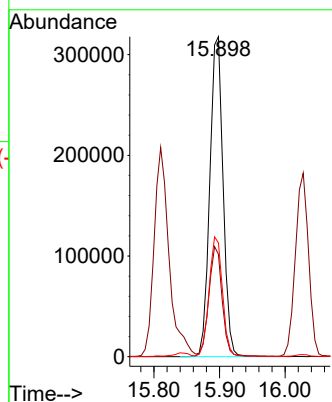
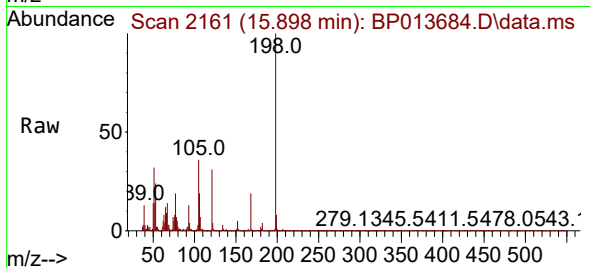




#65
4,6-Dinitro-2-methylphenol
Concen: 42.477 ng
RT: 15.898 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

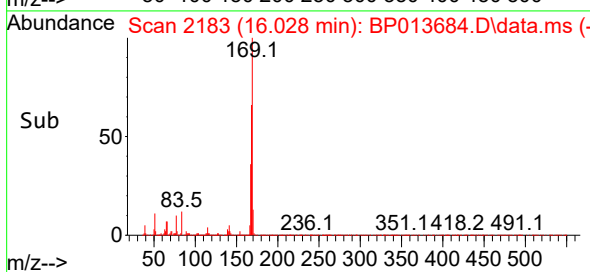
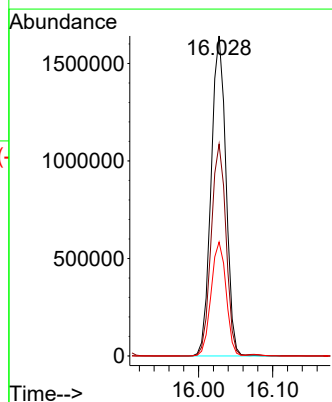
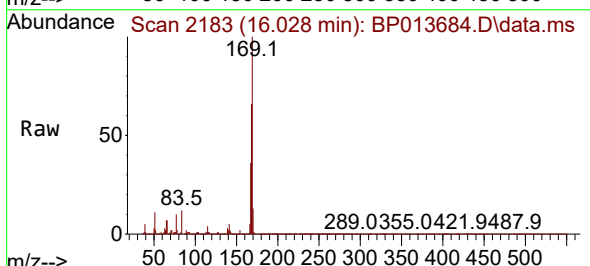
Instrument :
BNA_P
ClientSampleId :
PB150378BS

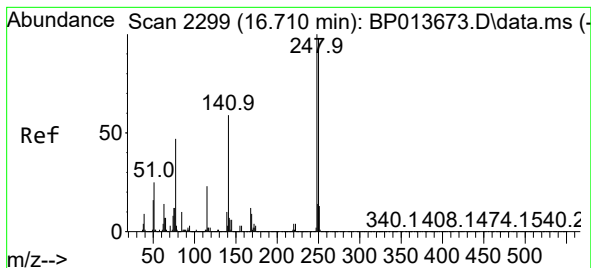
Tgt Ion:198 Resp: 447924
Ion Ratio Lower Upper
198 100
51 32.0 15.4 55.4
105 35.5 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 42.240 ng
RT: 16.028 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:169 Resp: 2275021
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 35.6 28.9 43.3

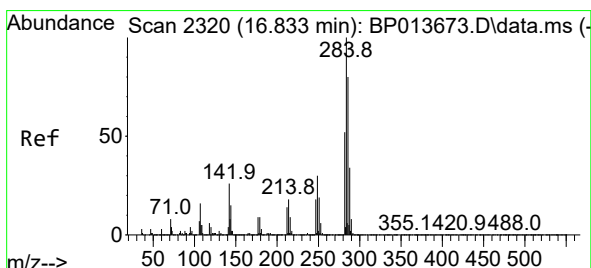
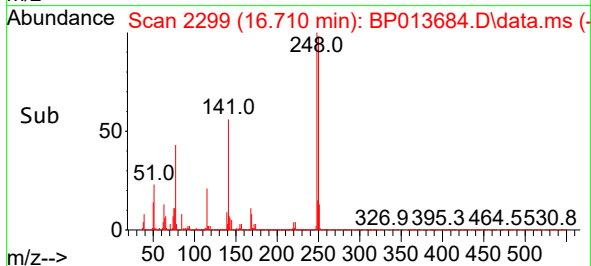
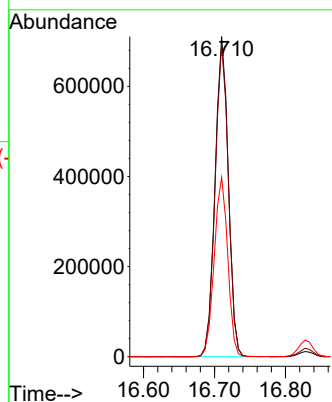
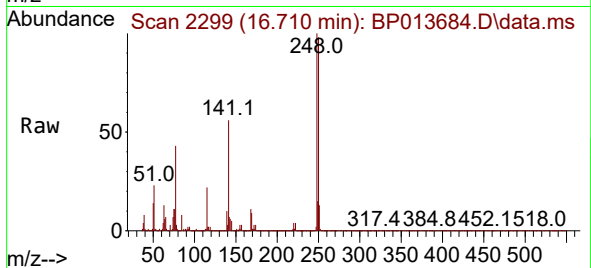




#67
4-Bromophenyl-phenylether
Concen: 43.329 ng
RT: 16.710 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

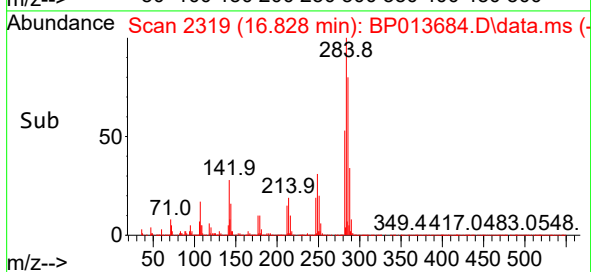
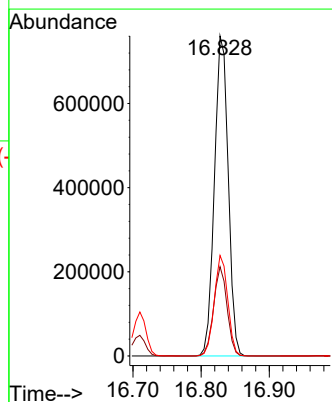
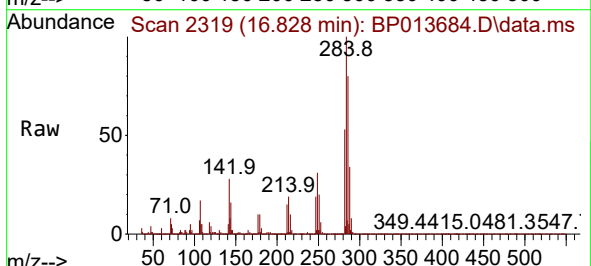
Instrument :
BNA_P
ClientSampleId :
PB150378BS

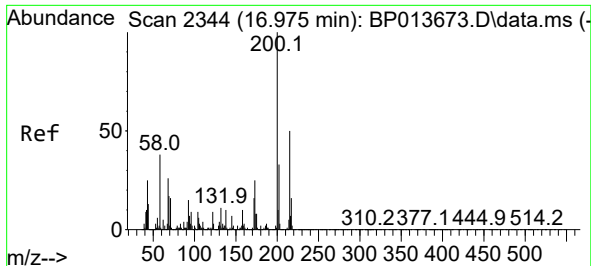
Tgt Ion:248 Resp: 919418
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.2
141 56.0 46.8 70.2



#68
Hexachlorobenzene
Concen: 45.597 ng
RT: 16.828 min Scan# 2319
Delta R.T. -0.005 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:284 Resp: 1071399
Ion Ratio Lower Upper
284 100
142 27.9 20.6 31.0
249 31.4 23.9 35.9

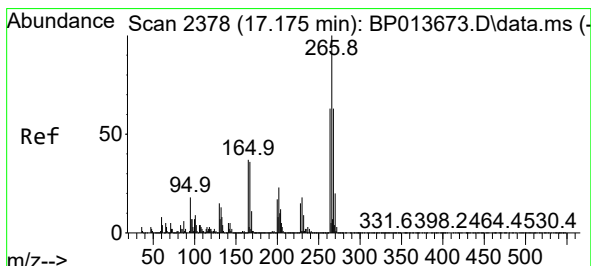
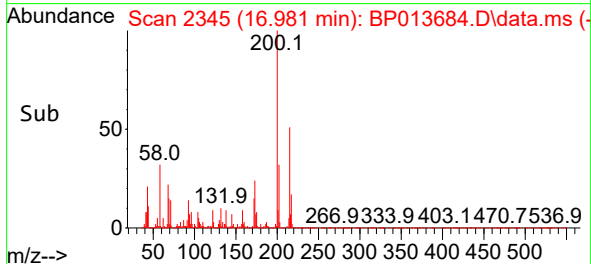
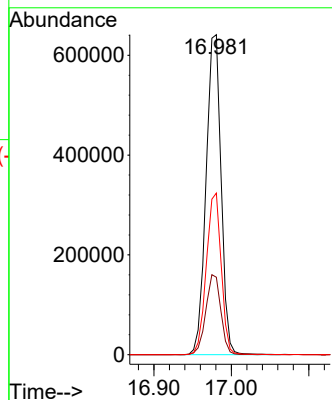
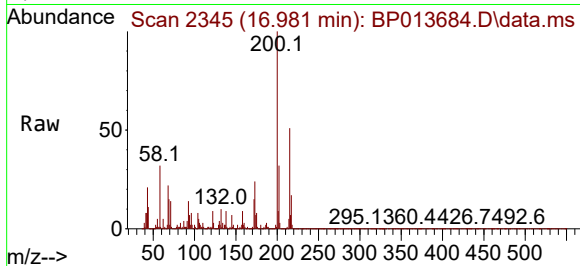




#69
 Atrazine
 Concen: 49.284 ng
 RT: 16.981 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP013684.D
 Acq: 31 Jan 2023 21:04

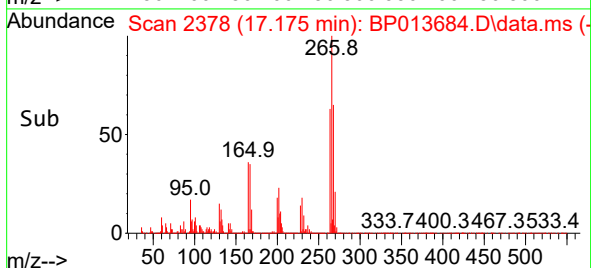
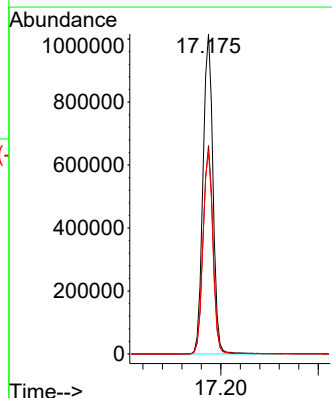
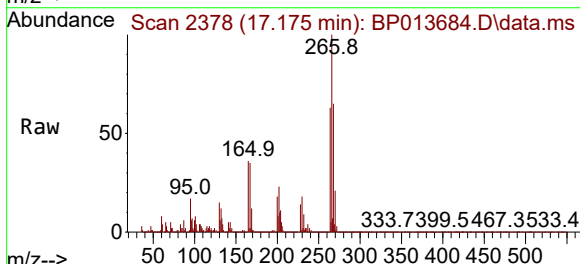
Instrument :
 BNA_P
 ClientSampleId :
 PB150378BS

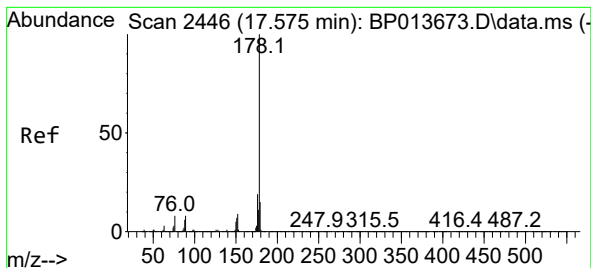
Tgt Ion:200 Resp: 863738
 Ion Ratio Lower Upper
 200 100
 173 24.2 5.2 45.2
 215 50.5 29.8 69.8



#70
 Pentachlorophenol
 Concen: 83.427 ng
 RT: 17.175 min Scan# 2378
 Delta R.T. 0.000 min
 Lab File: BP013684.D
 Acq: 31 Jan 2023 21:04

Tgt Ion:266 Resp: 1445994
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.7 76.1
 264 63.3 50.5 75.7





#71

Phenanthrene

Concen: 42.719 ng

RT: 17.575 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

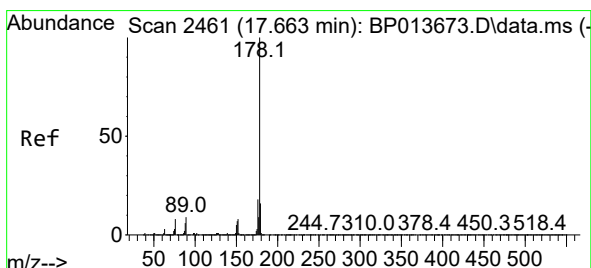
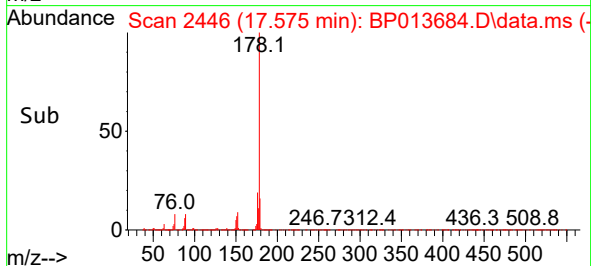
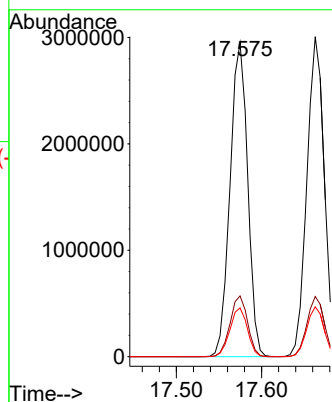
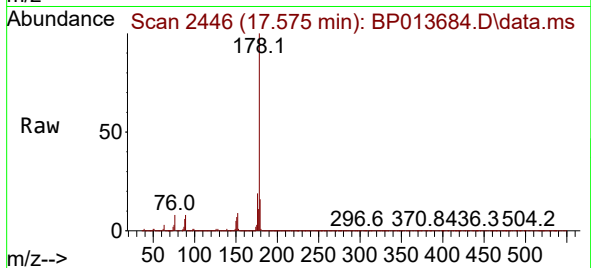
Tgt Ion:178 Resp: 4238463

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.6 12.2 18.2



#72

Anthracene

Concen: 42.504 ng

RT: 17.663 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

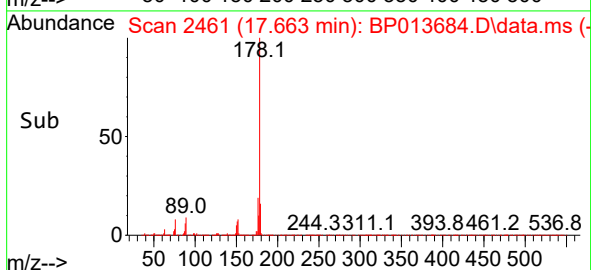
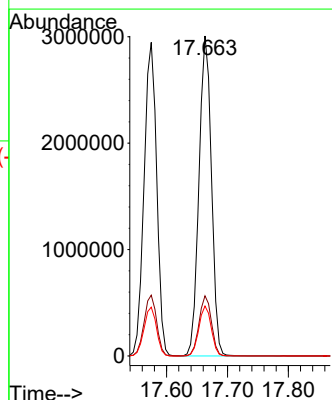
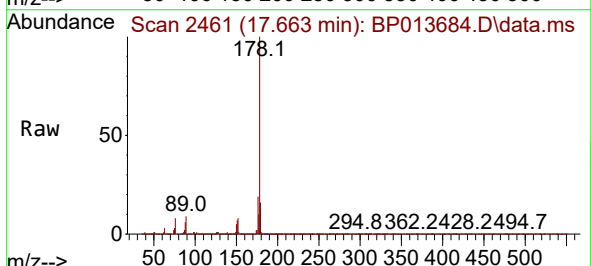
Tgt Ion:178 Resp: 4257449

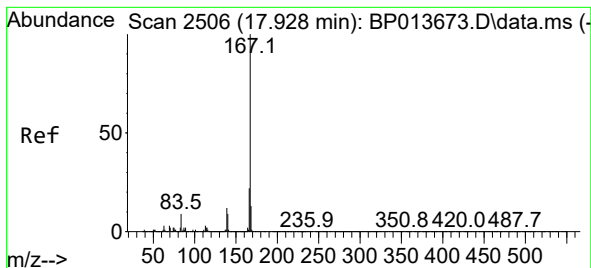
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.6 12.4 18.6





#73

Carbazole

Concen: 42.460 ng

RT: 17.928 min Scan# 2506

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

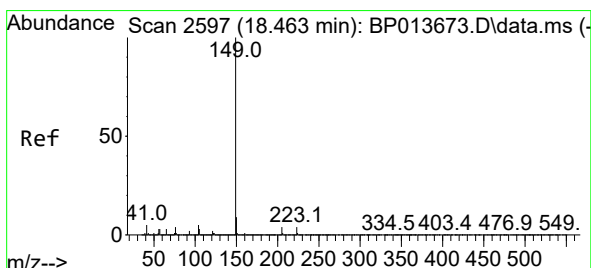
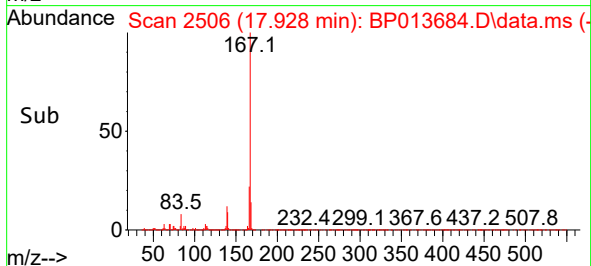
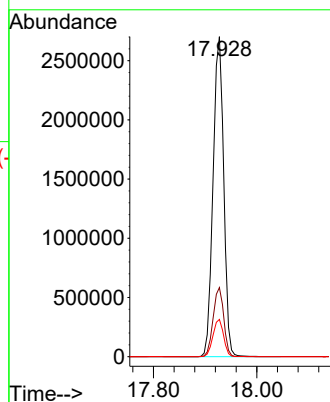
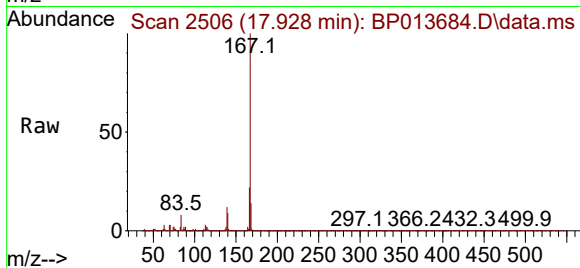
Tgt Ion:167 Resp: 3861927

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 11.7 9.5 14.3



#74

Di-n-butylphthalate

Concen: 43.515 ng

RT: 18.457 min Scan# 2596

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

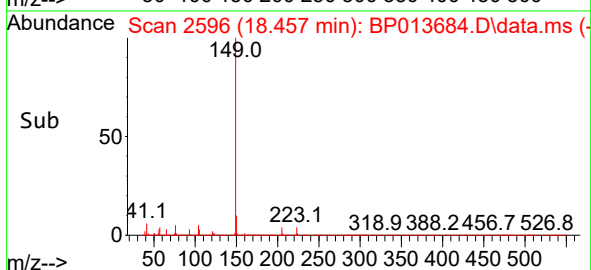
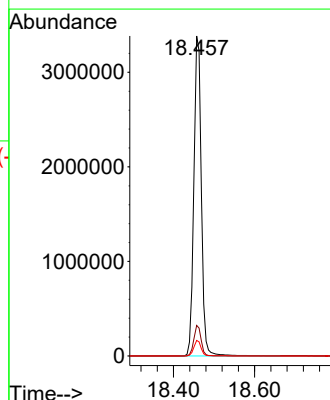
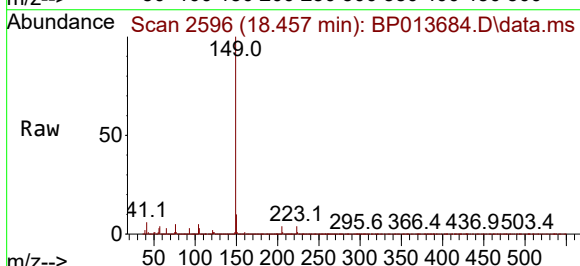
Tgt Ion:149 Resp: 4331139

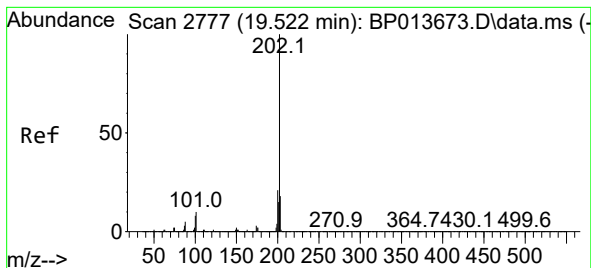
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 41.370 ng

RT: 19.522 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

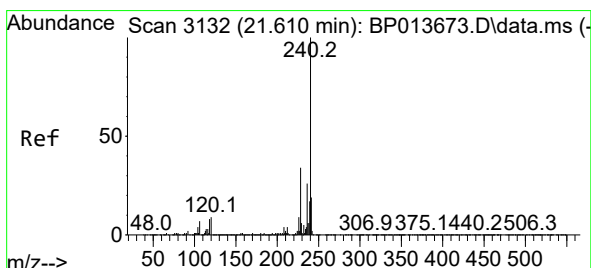
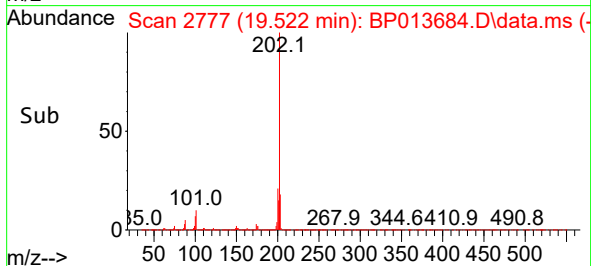
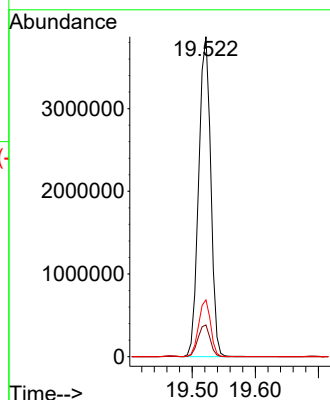
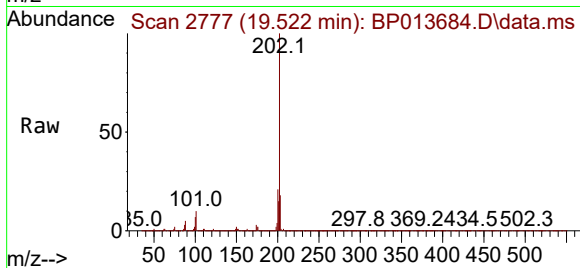
Tgt Ion:202 Resp: 5110055

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.8 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

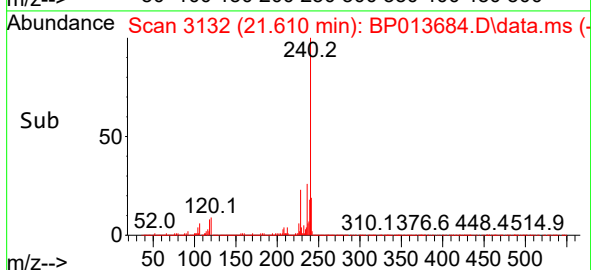
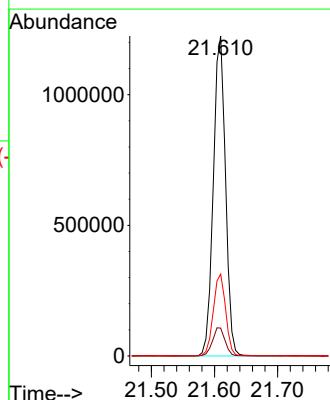
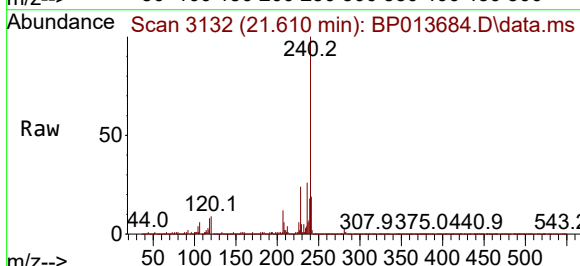
Tgt Ion:240 Resp: 1639741

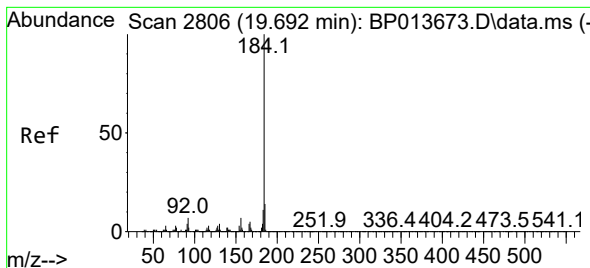
Ion Ratio Lower Upper

240 100

120 8.7 7.4 11.0

236 25.6 20.6 30.8





#77

Benzidine

Concen: 51.944 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

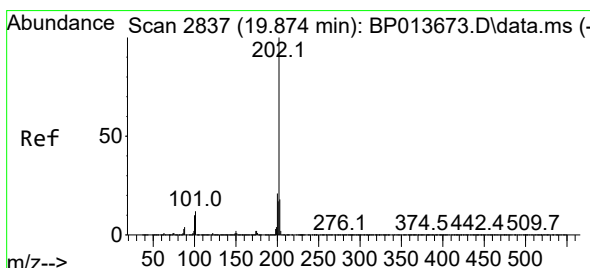
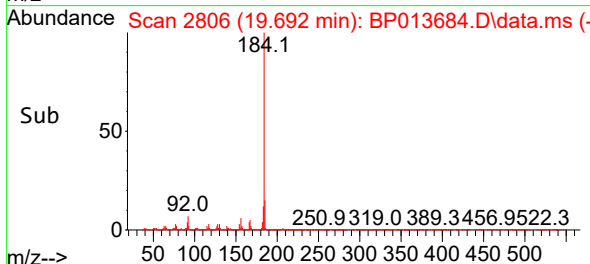
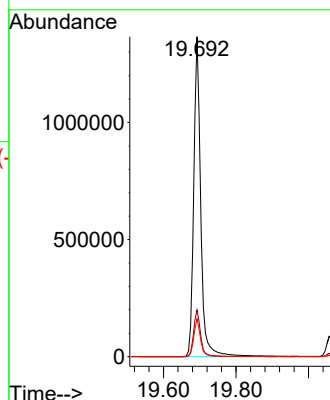
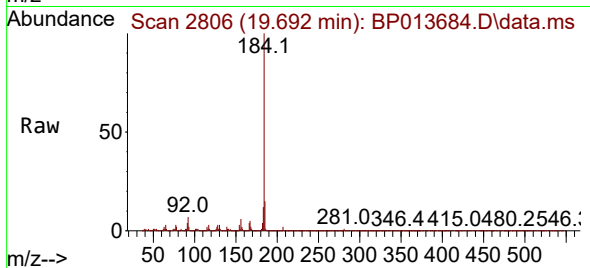
Tgt Ion:184 Resp: 1839741

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.8 9.2 13.8



#78

Pyrene

Concen: 47.533 ng

RT: 19.875 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

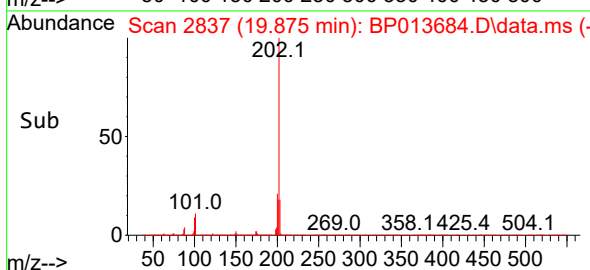
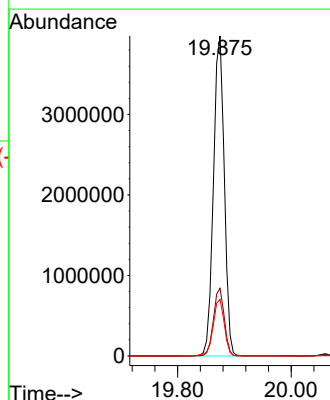
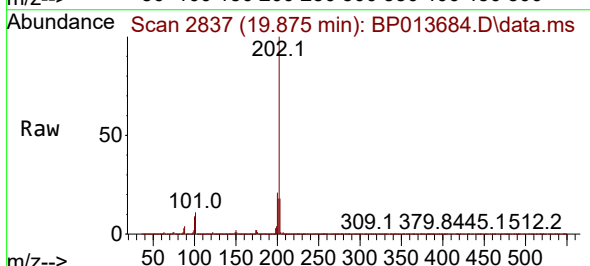
Tgt Ion:202 Resp: 5243756

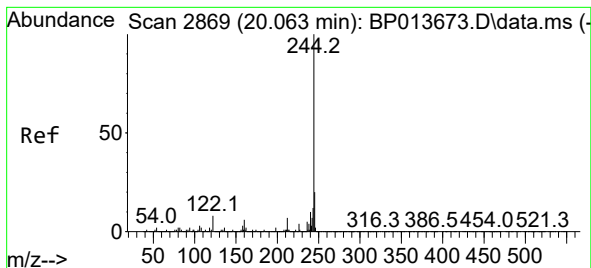
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 103.358 ng

RT: 20.057 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

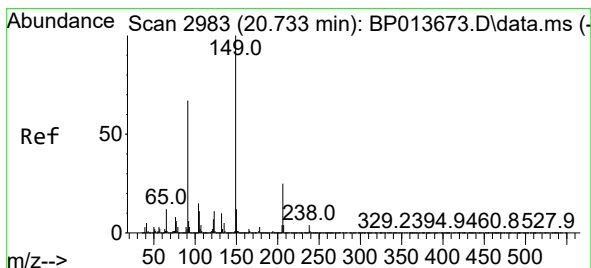
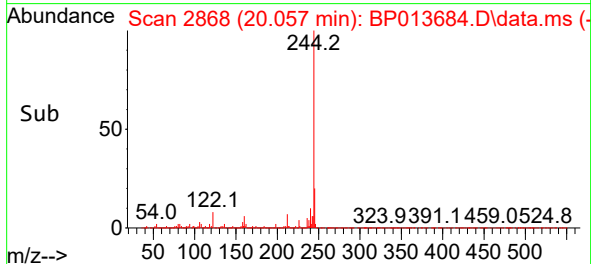
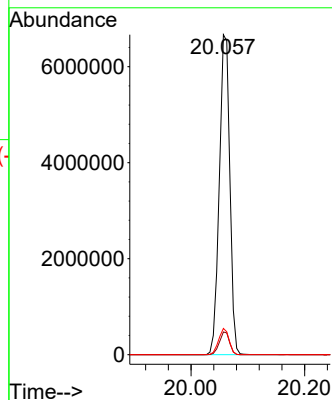
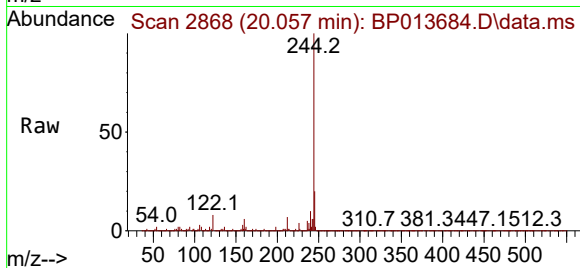
Tgt Ion:244 Resp: 8534837

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 8.2 6.5 9.7



#80

Butylbenzylphthalate

Concen: 48.541 ng

RT: 20.727 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

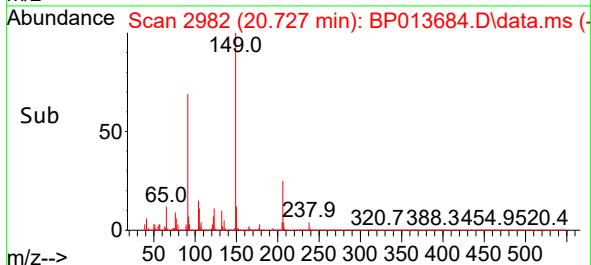
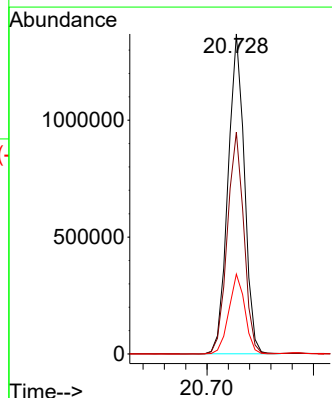
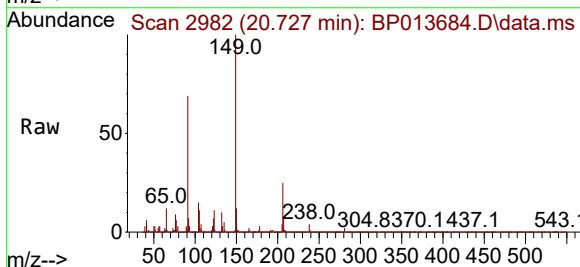
Tgt Ion:149 Resp: 1461881

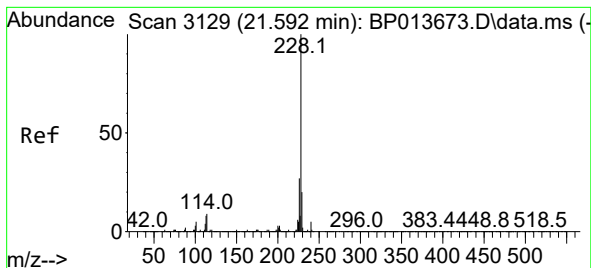
Ion Ratio Lower Upper

149 100

91 69.3 54.0 81.0

206 25.0 19.8 29.8





#81

Benzo(a)anthracene

Concen: 43.621 ng

RT: 21.592 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

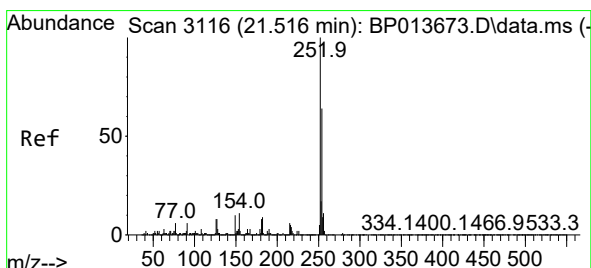
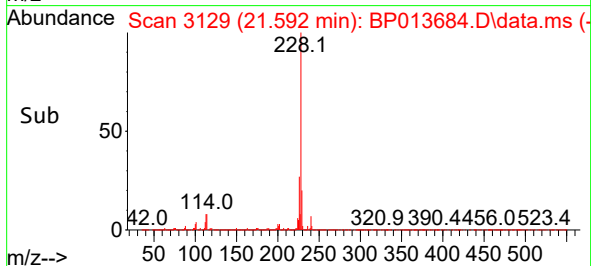
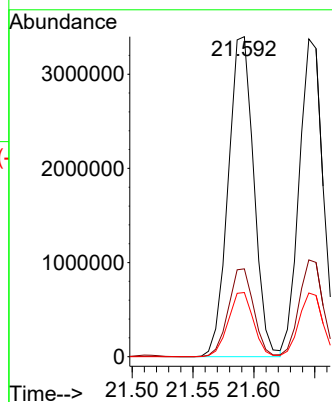
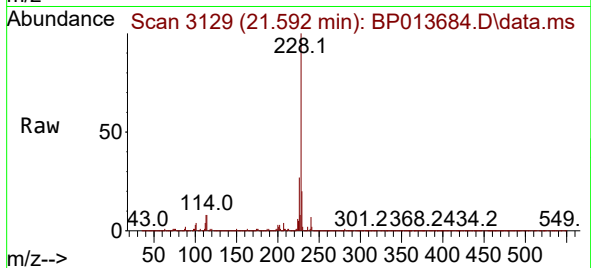
Tgt Ion:228 Resp: 4968194

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 37.821 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

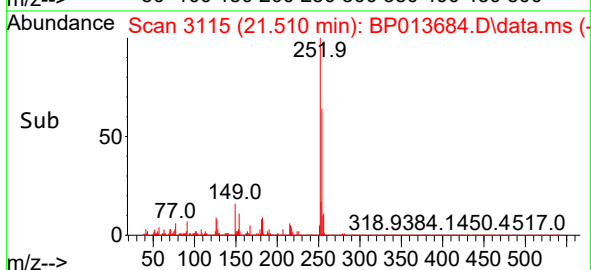
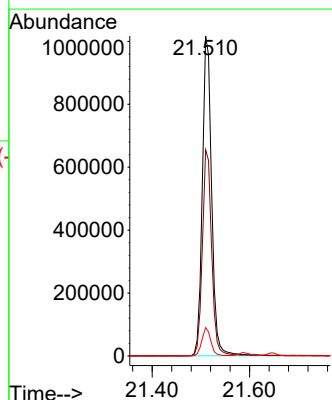
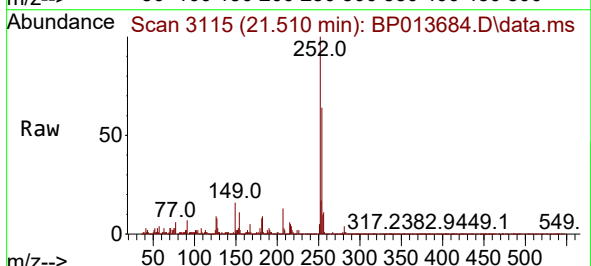
Tgt Ion:252 Resp: 1361890

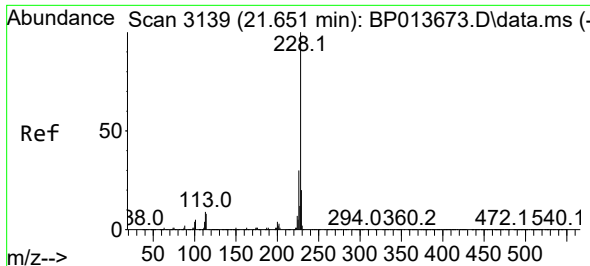
Ion Ratio Lower Upper

252 100

254 64.4 50.9 76.3

126 8.8 6.7 10.1





#83

Chrysene

Concen: 42.186 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

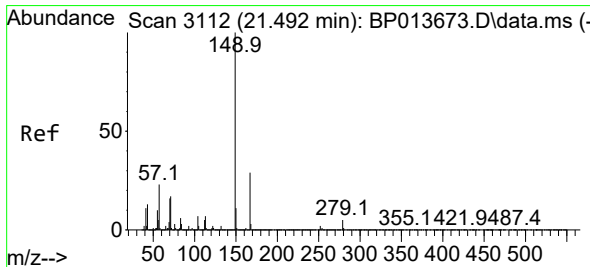
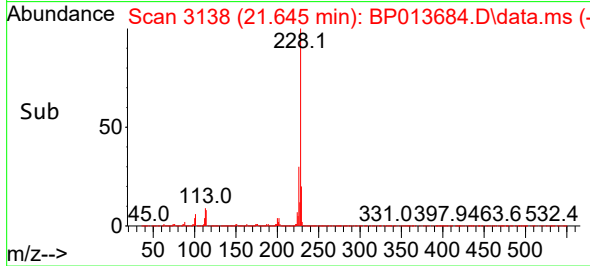
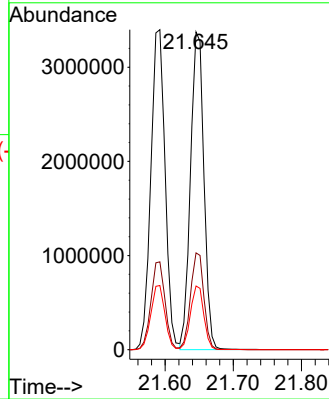
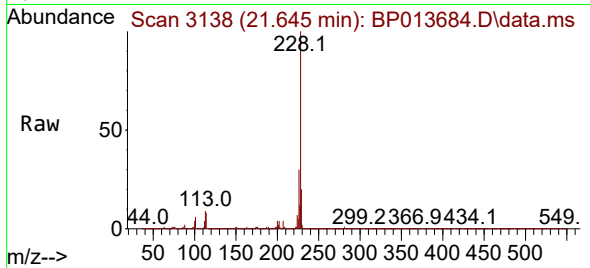
Tgt Ion:228 Resp: 4577755

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.754 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

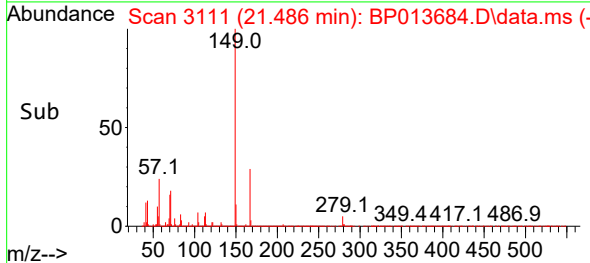
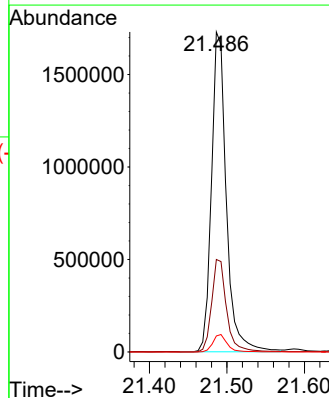
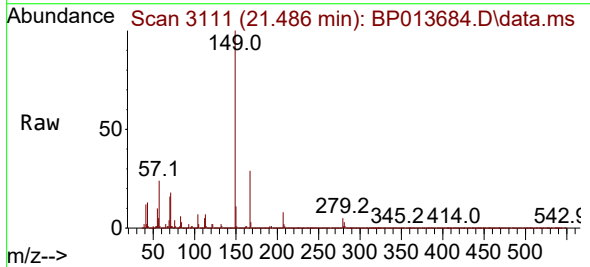
Tgt Ion:149 Resp: 2294930

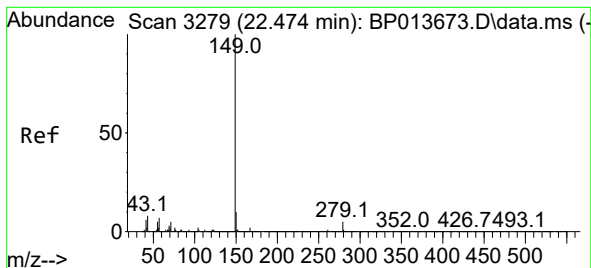
Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 40.239 ng

RT: 22.474 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

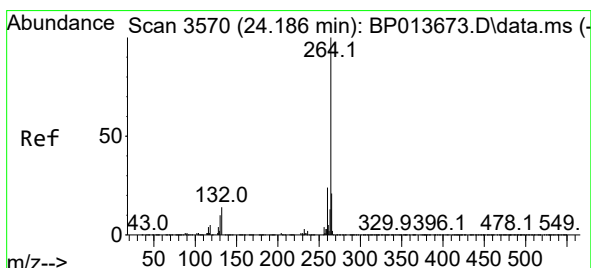
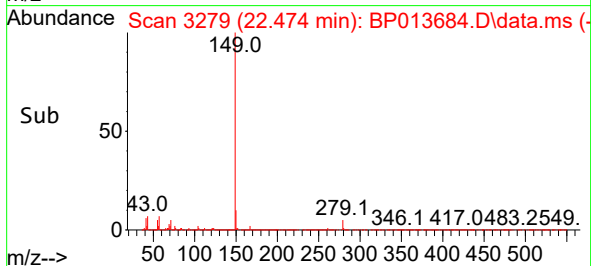
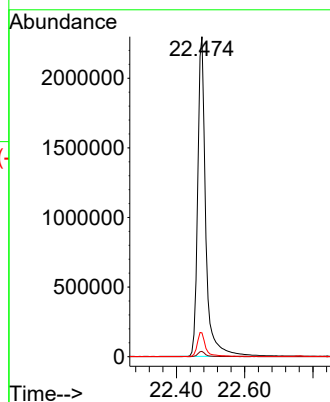
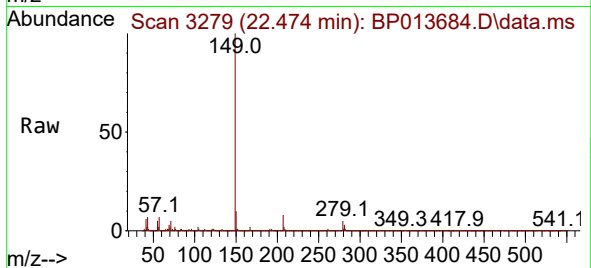
Tgt Ion:149 Resp: 3767878

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3569

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

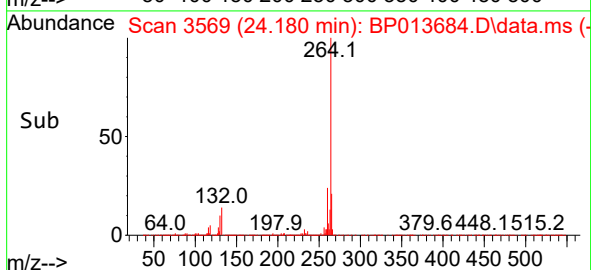
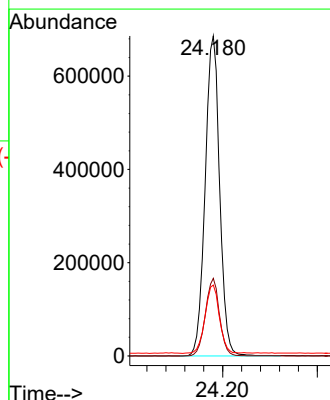
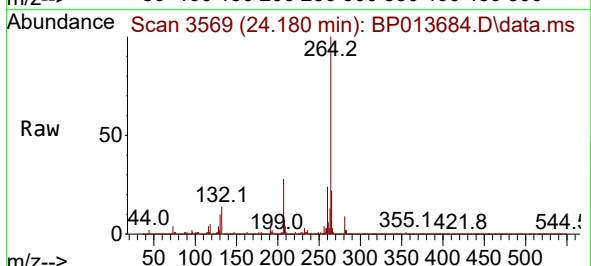
Tgt Ion:264 Resp: 1453642

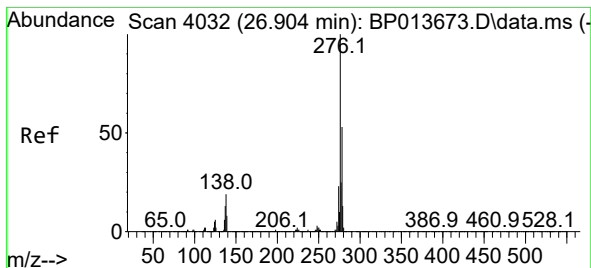
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.975 ng

RT: 26.904 min Scan# 4032

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

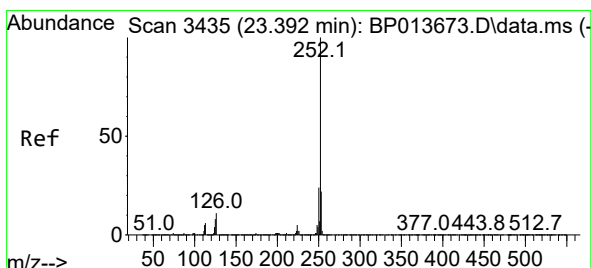
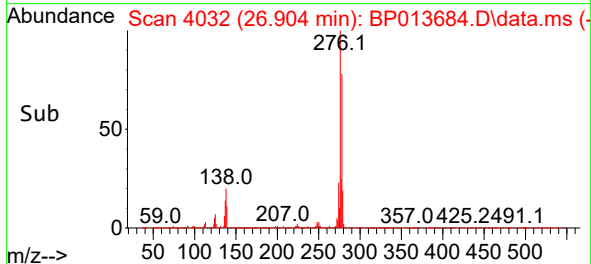
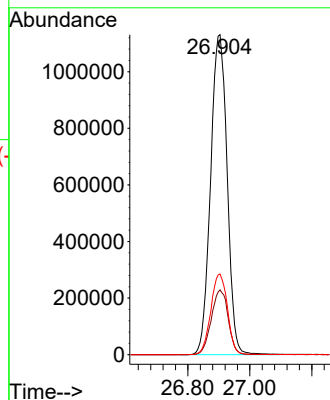
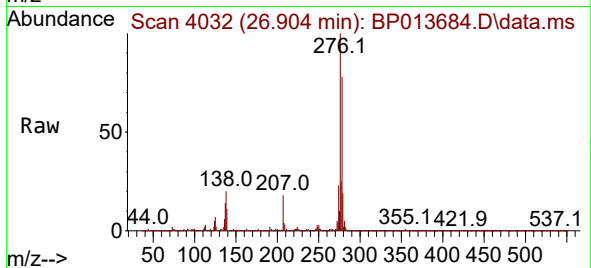
Tgt Ion:276 Resp: 4198180

Ion Ratio Lower Upper

276 100

138 20.6 16.5 24.7

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.404 ng

RT: 23.386 min Scan# 3434

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

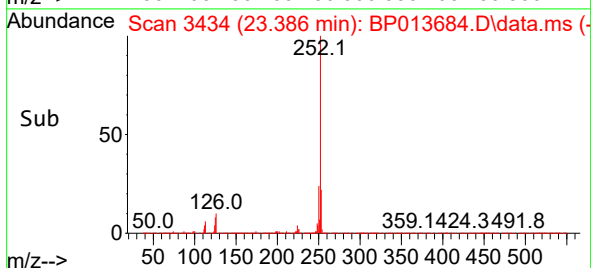
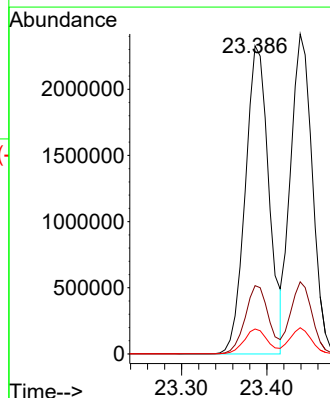
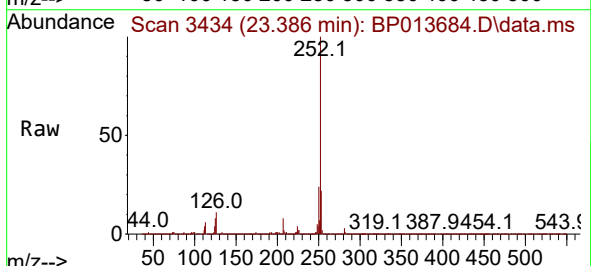
Tgt Ion:252 Resp: 4491017

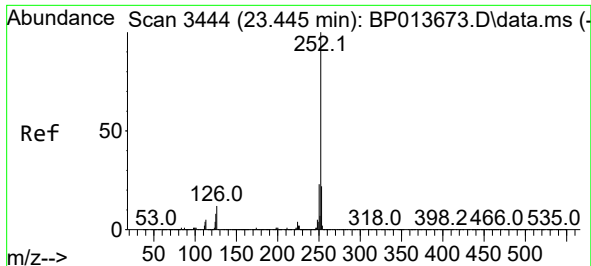
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.1 6.8 10.2

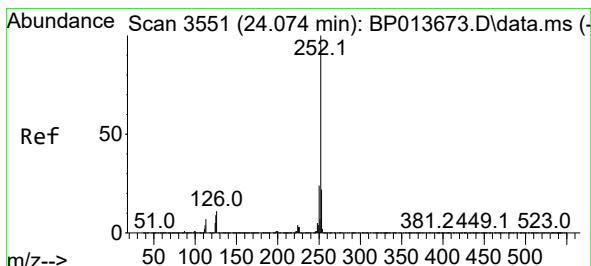
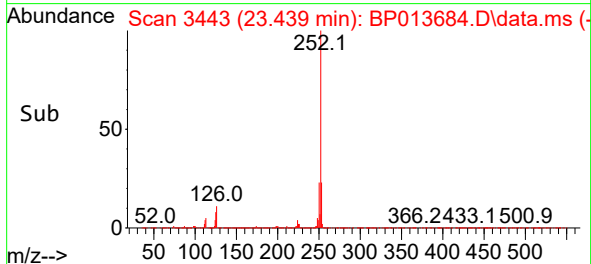
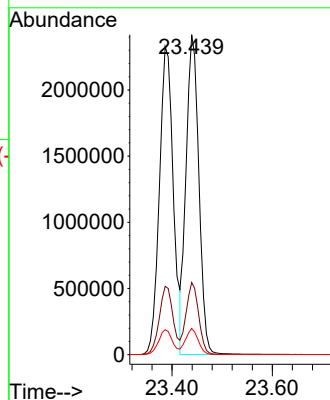
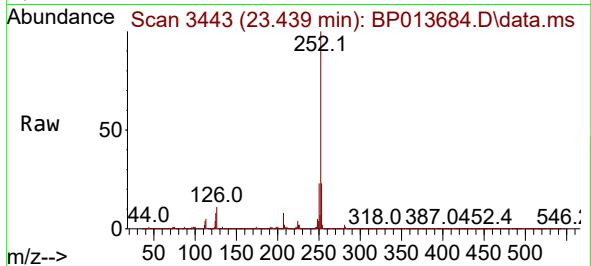




#89
Benzo(k)fluoranthene
Concen: 49.007 ng
RT: 23.439 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

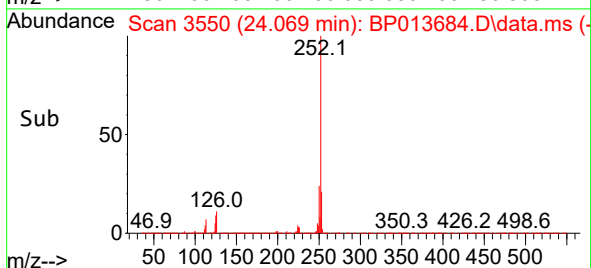
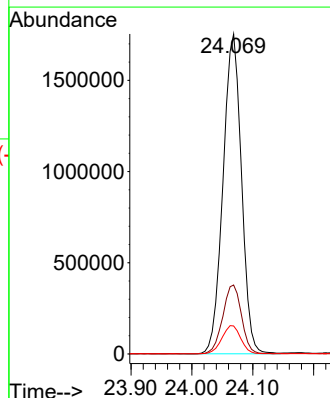
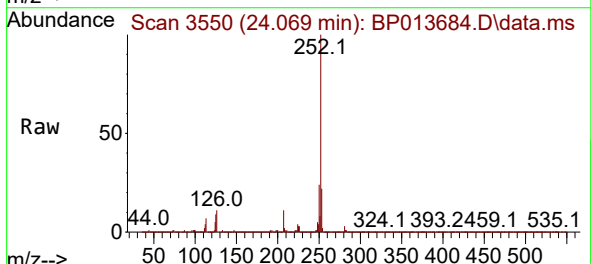
Instrument :
BNA_P
ClientSampleId :
PB150378BS

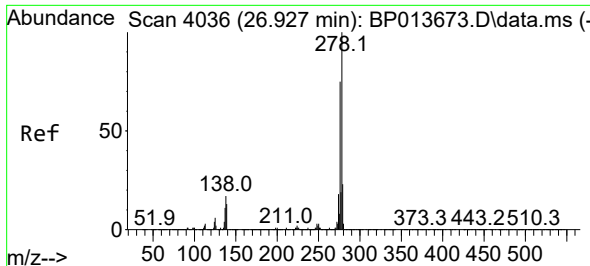
Tgt Ion:252 Resp: 4288510
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 8.2 6.3 9.5



#90
Benzo(a)pyrene
Concen: 42.554 ng
RT: 24.069 min Scan# 3550
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:252 Resp: 3690409
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.8 7.0 10.4

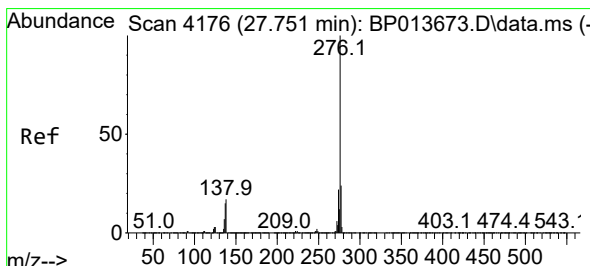
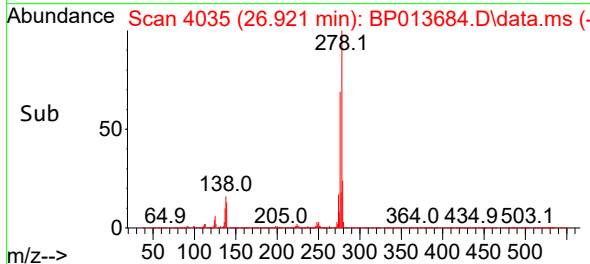
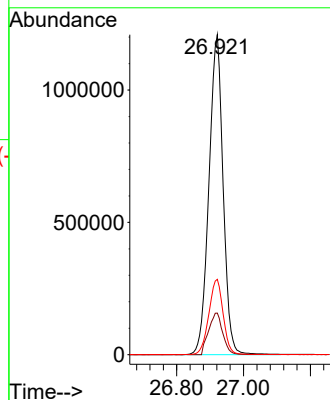
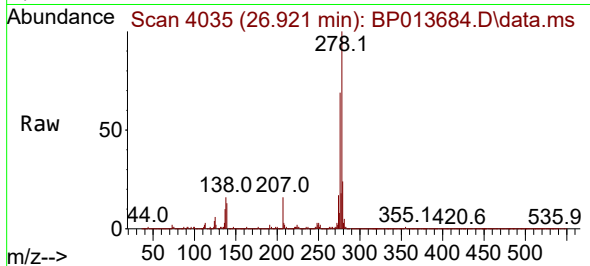




#91
Dibenzo(a,h)anthracene
Concen: 38.820 ng
RT: 26.921 min Scan# 4036
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion:278 Resp: 3562245
Ion Ratio Lower Upper
278 100
139 13.0 10.6 16.0
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.455 ng
RT: 27.739 min Scan# 4174
Delta R.T. -0.012 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:276 Resp: 3413658
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 17.2 14.0 21.0

