

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
 Data File : BP013830.D
 Acq On : 16 Feb 2023 16:24
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP021623

Quant Time: Feb 17 01:11:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 01:08:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	172799	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	661282	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	424146	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	925996	20.000	ng	0.00
76) Chrysene-d12	21.580	240	968895	20.000	ng	0.00
86) Perylene-d12	24.139	264	1122422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	828517	79.022	ng	0.00
7) Phenol-d6	7.263	99	1109620	82.635	ng	0.00
23) Nitrobenzene-d5	9.293	82	1083826	88.505	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	538799	87.267	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2608817	80.788	ng	0.00
79) Terphenyl-d14	20.033	244	4246160	84.319	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.499	88	182816	40.116	ng	99
3) Pyridine	3.917	79	514957	41.917	ng	99
4) n-Nitrosodimethylamine	3.822	42	194496	42.246	ng	97
6) Aniline	7.434	93	732007	41.955	ng	99
8) 2-Chlorophenol	7.675	128	461056	41.690	ng	98
9) Benzaldehyde	7.246	77	251581	39.380	ng	97
10) Phenol	7.293	94	580472	41.531	ng	99
11) bis(2-Chloroethyl)ether	7.528	93	464140	41.494	ng	98
12) 1,3-Dichlorobenzene	8.005	146	510083	41.019	ng	100
13) 1,4-Dichlorobenzene	8.152	146	513193	40.855	ng	97
14) 1,2-Dichlorobenzene	8.475	146	491399	41.908	ng	99
15) Benzyl Alcohol	8.358	79	434327	46.101	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.646	45	512468	42.890	ng	99
17) 2-Methylphenol	8.557	107	426823	44.875	ng	99
18) Hexachloroethane	9.210	117	184265	41.878	ng	97
19) n-Nitroso-di-n-propyla...	8.928	70	373518	47.526	ng	99
20) 3+4-Methylphenols	8.887	107	583521	45.582	ng	100
22) Acetophenone	8.946	105	731998	43.886	ng	# 99
24) Nitrobenzene	9.334	77	557015	43.587	ng	98
25) Isophorone	9.863	82	1051603	44.562	ng	100
26) 2-Nitrophenol	10.046	139	253142	42.381	ng	97
27) 2,4-Dimethylphenol	10.099	122	436309	44.209	ng	99
28) bis(2-Chloroethoxy)met...	10.340	93	636359	42.242	ng	99
29) 2,4-Dichlorophenol	10.581	162	468380	44.234	ng	98
30) 1,2,4-Trichlorobenzene	10.799	180	506380	40.754	ng	100
31) Naphthalene	10.993	128	1476999	40.738	ng	100
32) Benzoic acid	10.240	122	321258	41.992	ng	97
33) 4-Chloroaniline	11.099	127	661463	43.449	ng	99
34) Hexachlorobutadiene	11.275	225	338771	41.028	ng	99
35) Caprolactam	11.893	113	151316	44.759	ng	98
36) 4-Chloro-3-methylphenol	12.210	107	522172	44.256	ng	98
37) 2-Methylnaphthalene	12.587	142	1087388	41.433	ng	100
38) 1-Methylnaphthalene	12.804	142	1019666	41.513	ng	100
40) 1,2,4,5-Tetrachloroben...	12.951	216	624833	40.848	ng	99
41) Hexachlorocyclopentadiene	12.928	237	357421	43.990	ng	97
43) 2,4,6-Trichlorophenol	13.187	196	415063	43.376	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
 Data File : BP013830.D
 Acq On : 16 Feb 2023 16:24
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

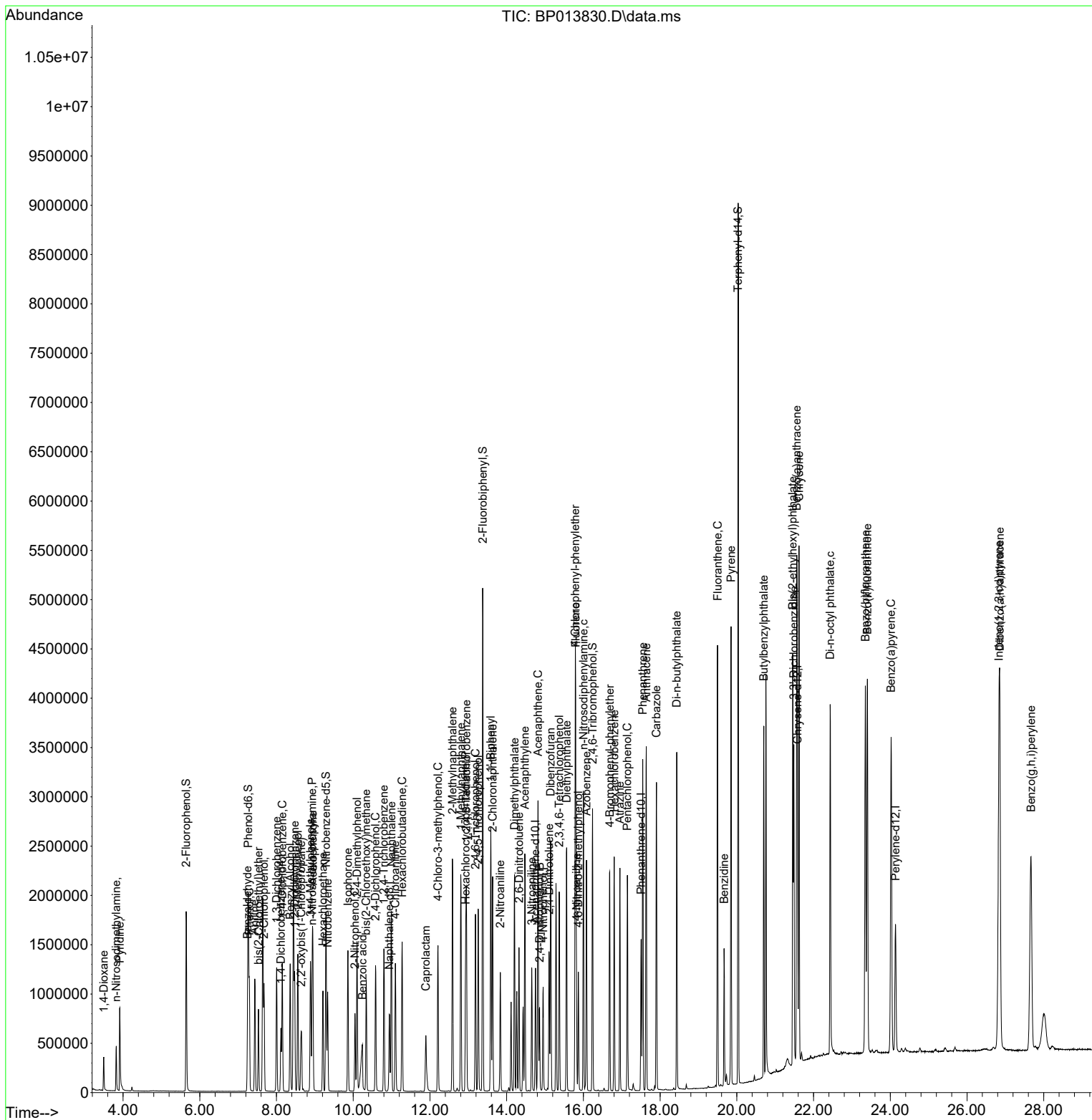
Instrument :
 BNA_P
 ClientSampleId :
 ICVP021623

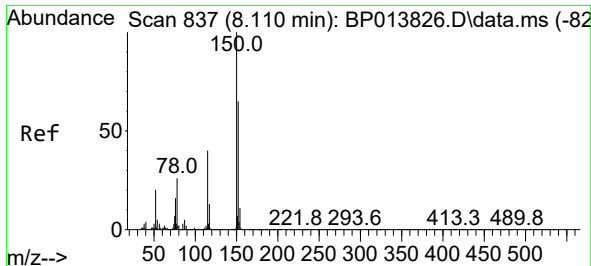
Quant Time: Feb 17 01:11:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 01:08:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	495989	43.611	ng	98
46) 1,1'-Biphenyl	13.587	154	1370540	39.979	ng	99
47) 2-Chloronaphthalene	13.634	162	1053331	40.330	ng	99
48) 2-Nitroaniline	13.834	65	304678	41.538	ng	98
49) Acenaphthylene	14.475	152	1725346	41.907	ng	100
50) Dimethylphthalate	14.204	163	1444474	41.852	ng	100
51) 2,6-Dinitrotoluene	14.322	165	313041	41.756	ng	98
52) Acenaphthene	14.816	154	1022930	40.831	ng	99
53) 3-Nitroaniline	14.657	138	325570	41.737	ng	97
54) 2,4-Dinitrophenol	14.857	184	194001	41.794	ng	97
55) Dibenzofuran	15.145	168	1709403	41.007	ng	99
56) 4-Nitrophenol	14.951	139	263615	42.729	ng	98
57) 2,4-Dinitrotoluene	15.110	165	421923	41.857	ng	98
58) Fluorene	15.798	166	1335805	40.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	417966	42.690	ng	99
60) Diethylphthalate	15.563	149	1436068	42.670	ng	100
61) 4-Chlorophenyl-phenyle...	15.787	204	731744	41.319	ng	99
62) 4-Nitroaniline	15.822	138	330603	41.304	ng	100
63) Azobenzene	16.081	77	1298945	42.659	ng	99
65) 4,6-Dinitro-2-methylph...	15.869	198	271990	42.260	ng	97
66) n-Nitrosodiphenylamine	16.004	169	1202201	42.862	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	461186	42.196	ng	96
68) Hexachlorobenzene	16.804	284	498167	41.755	ng	99
69) Atrazine	16.951	200	420886	44.012	ng	99
70) Pentachlorophenol	17.145	266	395332	44.944	ng	98
71) Phenanthrene	17.545	178	2096809	40.420	ng	100
72) Anthracene	17.639	178	2162700	41.694	ng	99
73) Carbazole	17.904	167	1928776	41.303	ng	100
74) Di-n-butylphthalate	18.433	149	2440089	44.598	ng	99
75) Fluoranthene	19.498	202	2684315	41.508	ng	99
77) Benzidine	19.669	184	795206	40.534	ng	99
78) Pyrene	19.851	202	2802470	42.326	ng	99
80) Butylbenzylphthalate	20.704	149	1042207	44.287	ng	97
81) Benzo(a)anthracene	21.563	228	2870066	41.366	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	961584	44.052	ng	100
83) Chrysene	21.622	228	2739732	40.762	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1635319	44.572	ng	99
85) Di-n-octyl phthalate	22.433	149	2832563	43.327	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	3632198	41.599	ng	99
88) Benzo(b)fluoranthene	23.351	252	2905867	40.935	ng	99
89) Benzo(k)fluoranthene	23.404	252	2964214	41.136	ng	99
90) Benzo(a)pyrene	24.021	252	2865668	41.756	ng	99
91) Dibenzo(a,h)anthracene	26.857	278	3031772	41.443	ng	99
92) Benzo(g,h,i)perylene	27.668	276	3005110	41.543	ng	98

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

Quant Time: Feb 17 01:11:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 01:08:52 2023
Response via : Initial Calibration

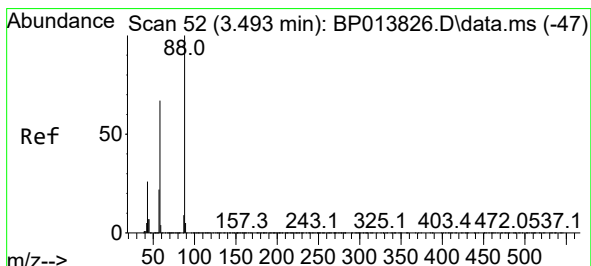
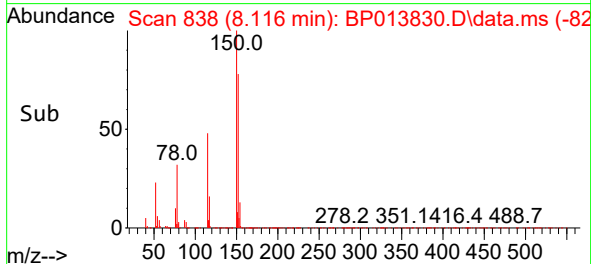
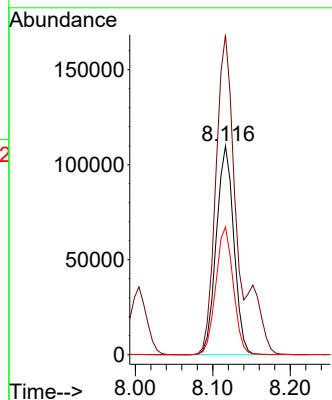
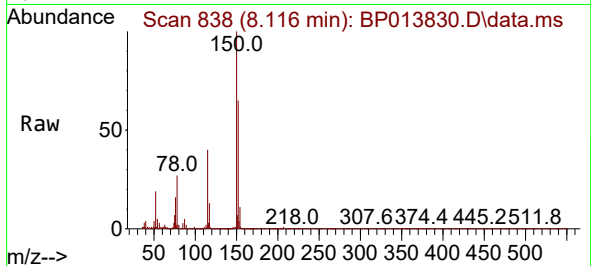




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

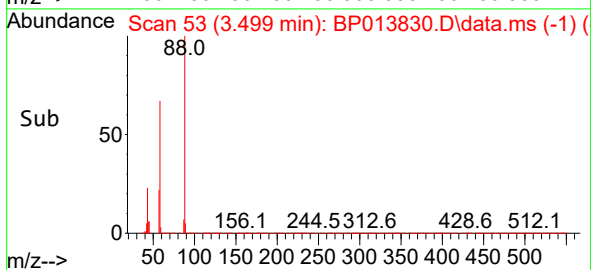
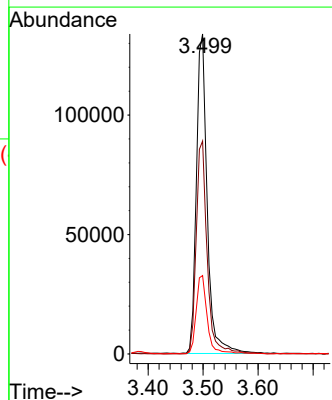
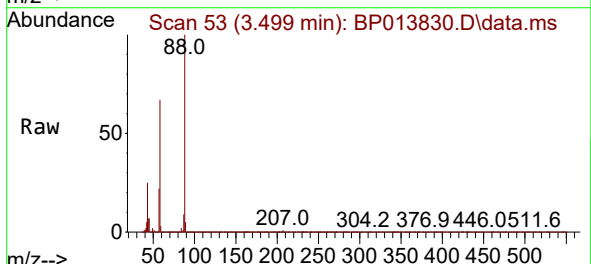
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

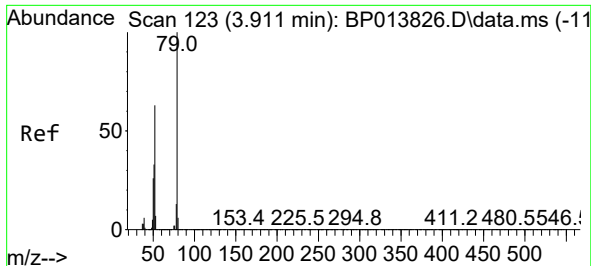
Tgt Ion:152 Resp: 172799
Ion Ratio Lower Upper
152 100
150 153.3 122.8 184.2
115 61.2 49.0 73.6



#2
1,4-Dioxane
Concen: 40.116 ng
RT: 3.499 min Scan# 53
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 88 Resp: 182816
Ion Ratio Lower Upper
88 100
58 67.5 53.5 80.3
43 25.1 20.6 30.8

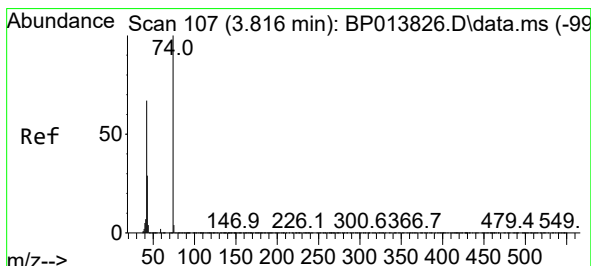
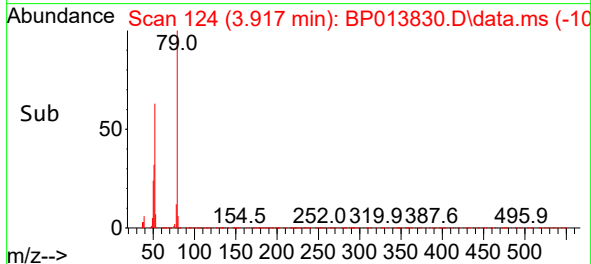
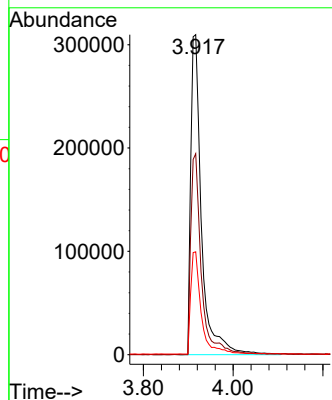
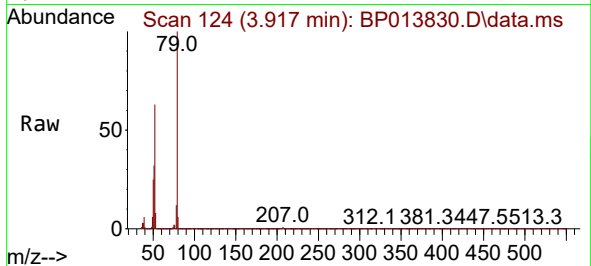




#3
Pyridine
Concen: 41.917 ng
RT: 3.917 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

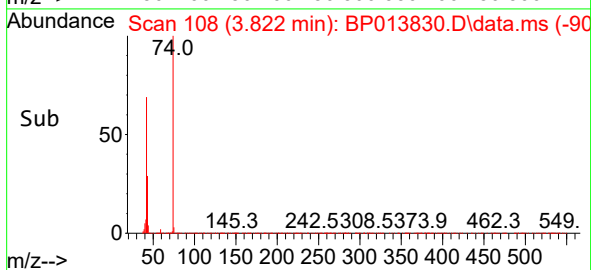
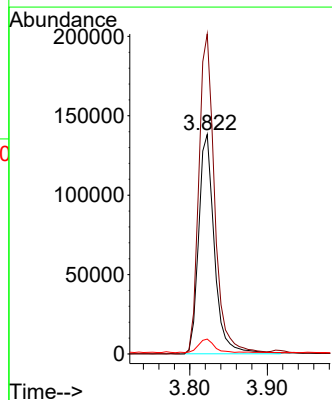
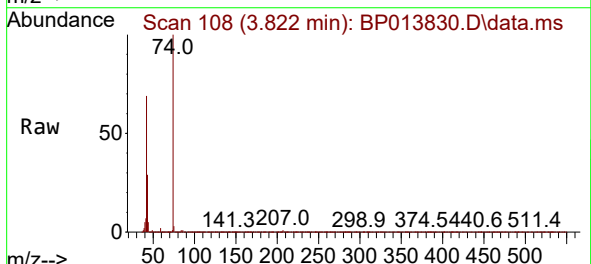
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

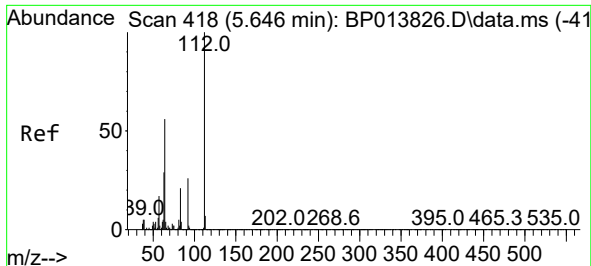
Tgt Ion: 79 Resp: 514957
Ion Ratio Lower Upper
79 100
52 62.8 50.0 75.0
51 32.1 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 42.246 ng
RT: 3.822 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 42 Resp: 194496
Ion Ratio Lower Upper
42 100
74 145.8 119.3 178.9
44 6.8 6.0 9.0

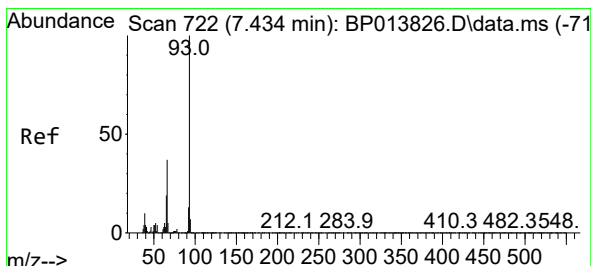
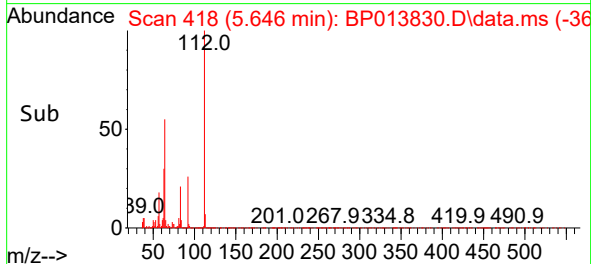
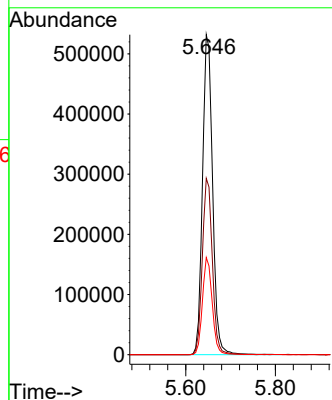
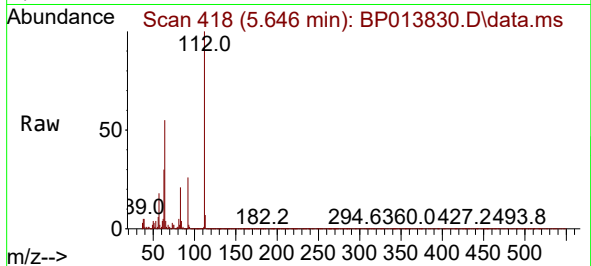




#5
2-Fluorophenol
Concen: 79.022 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

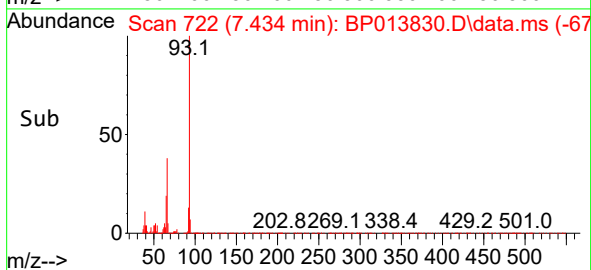
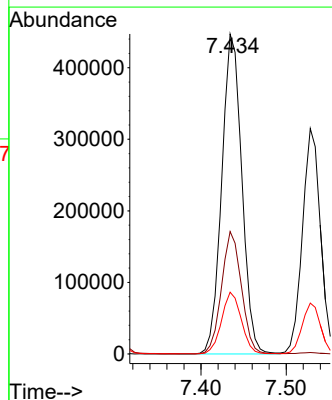
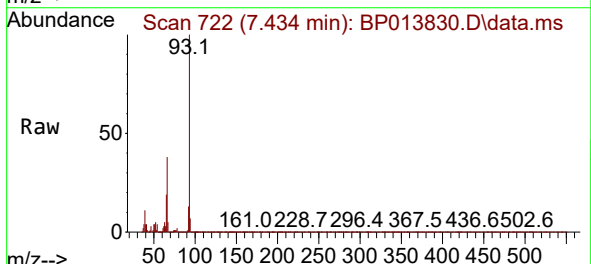
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

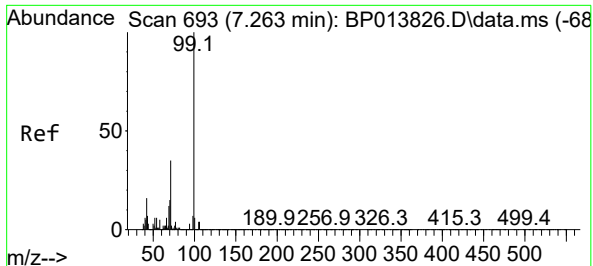
Tgt Ion:112 Resp: 828517
Ion Ratio Lower Upper
112 100
64 55.1 44.6 66.8
63 30.4 23.6 35.4



#6
Aniline
Concen: 41.955 ng
RT: 7.434 min Scan# 722
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 93 Resp: 732007
Ion Ratio Lower Upper
93 100
66 38.3 29.6 44.4
65 19.3 15.4 23.0



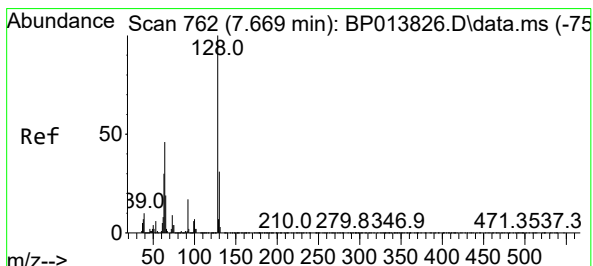
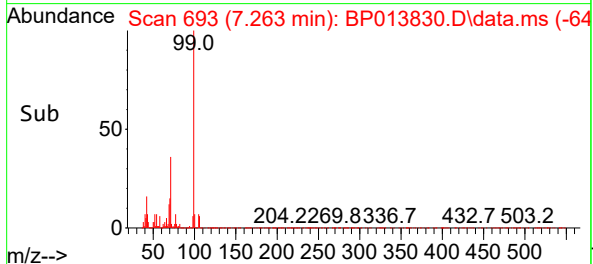
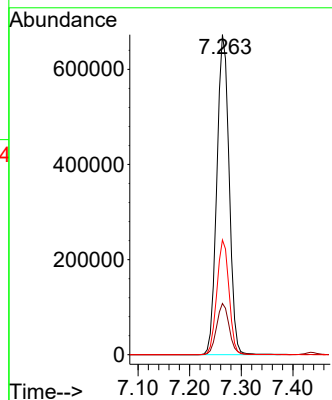
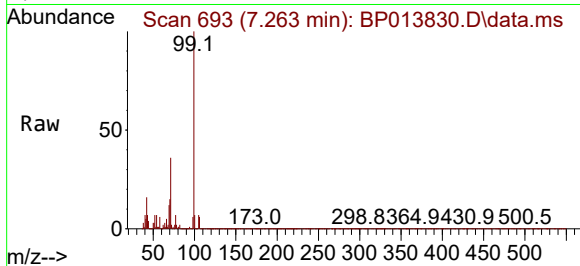


#7
Phenol-d6
Concen: 82.635 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Instrument :
BNA_P
ClientSampleId :
ICVBP021623

Tgt Ion: 99 Resp: 1109620

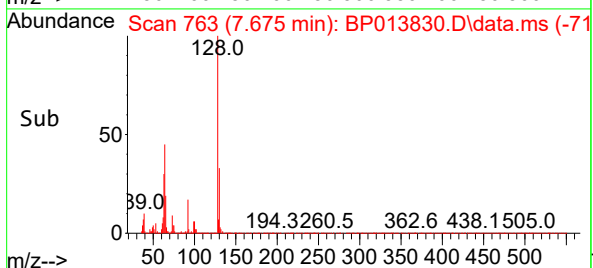
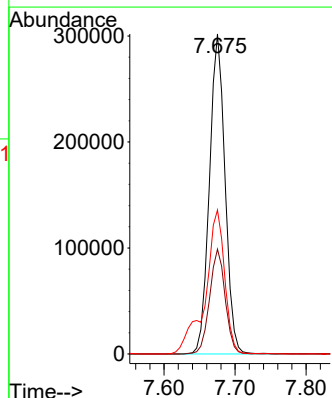
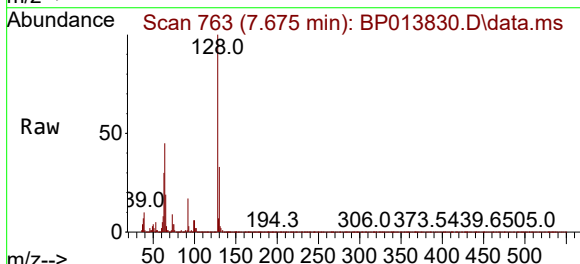
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	35.9	27.8	41.8

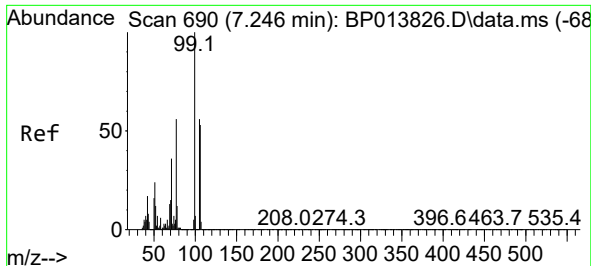


#8
2-Chlorophenol
Concen: 41.690 ng
RT: 7.675 min Scan# 763
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 128 Resp: 461056

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.4	51.4
64	45.0	25.9	65.9

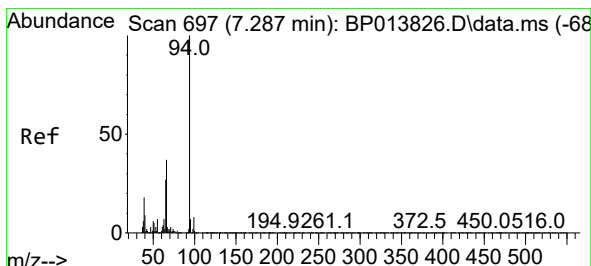
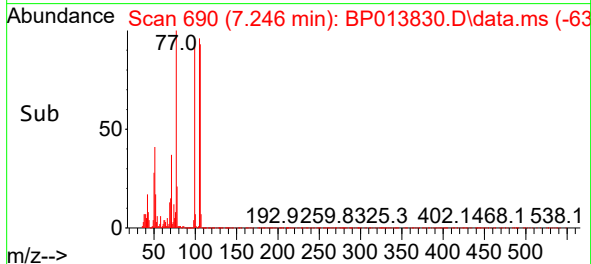
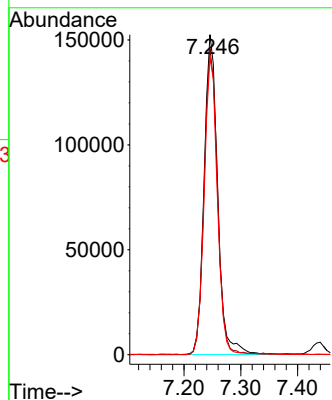
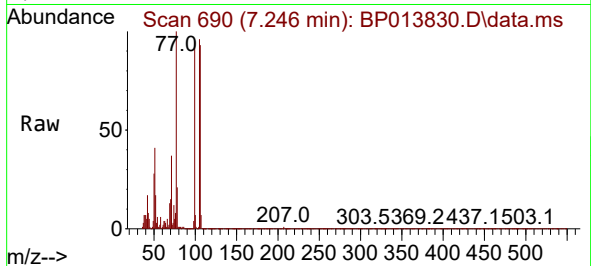




#9
Benzaldehyde
Concen: 39.380 ng
RT: 7.246 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

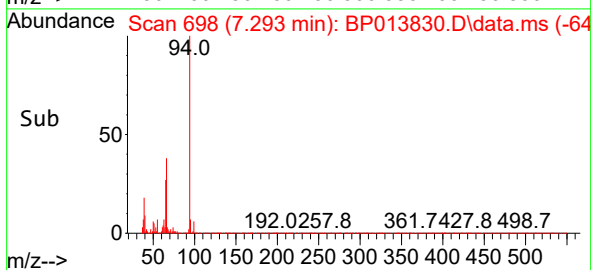
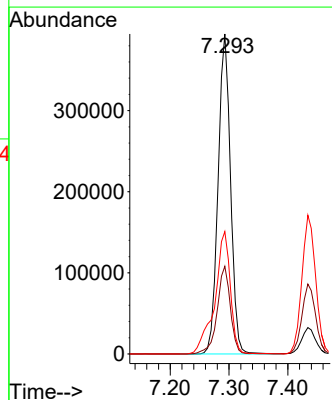
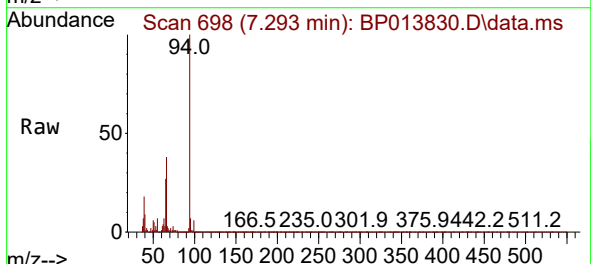
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

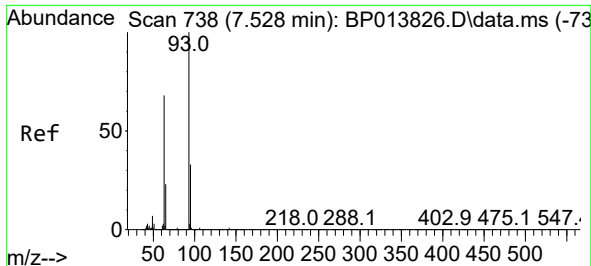
Tgt Ion: 77 Resp: 251581
Ion Ratio Lower Upper
77 100
105 95.6 80.2 120.2
106 92.8 74.8 114.8



#10
Phenol
Concen: 41.531 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 94 Resp: 580472
Ion Ratio Lower Upper
94 100
65 27.4 6.8 46.8
66 38.3 17.4 57.4

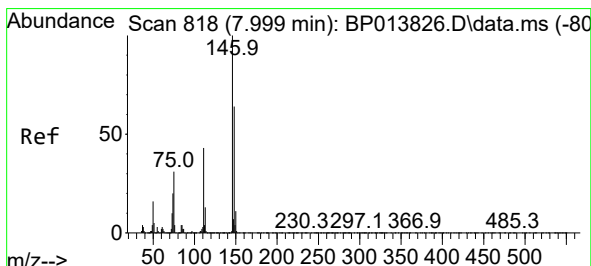
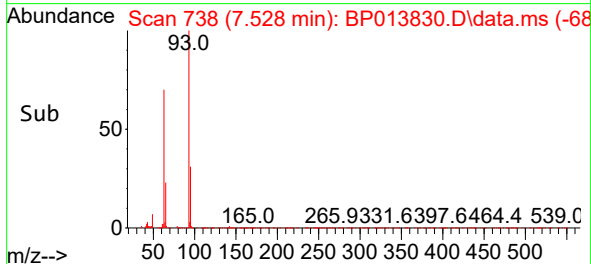
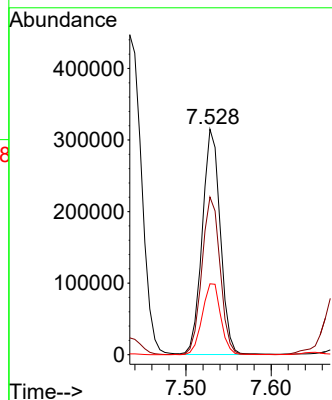
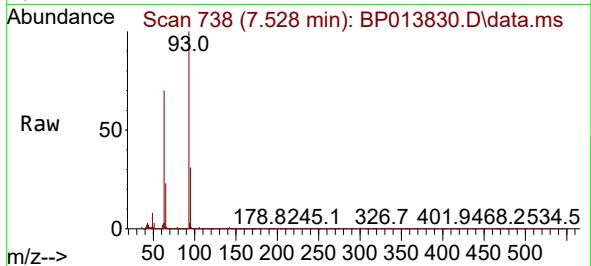




#11
bis(2-Chloroethyl)ether
Concen: 41.494 ng
RT: 7.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

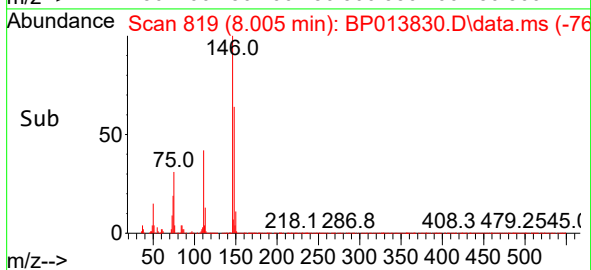
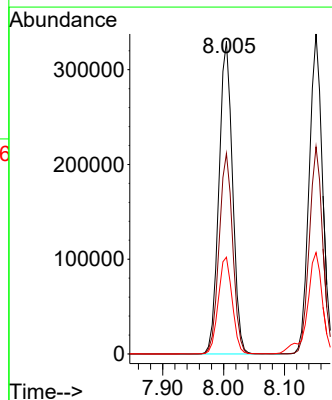
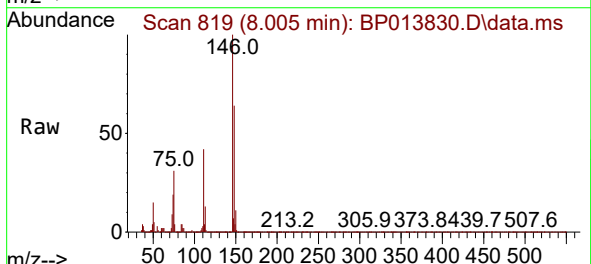
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

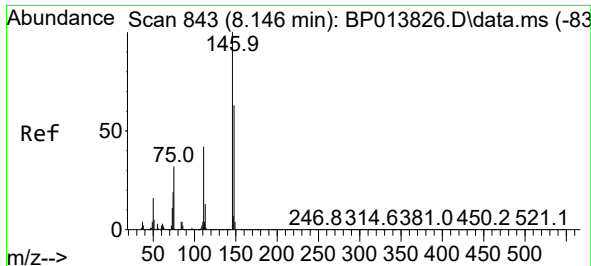
Tgt Ion: 93 Resp: 464140
Ion Ratio Lower Upper
93 100
63 69.9 48.1 88.1
95 31.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.019 ng
RT: 8.005 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:146 Resp: 510083
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 31.0 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 40.855 ng

RT: 8.152 min Scan# 843

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

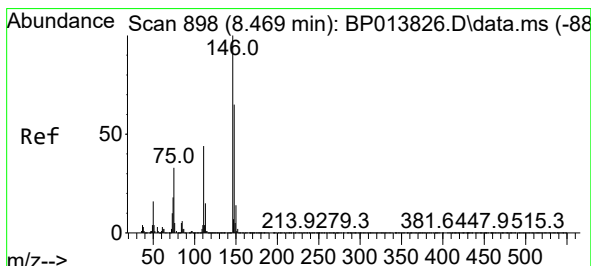
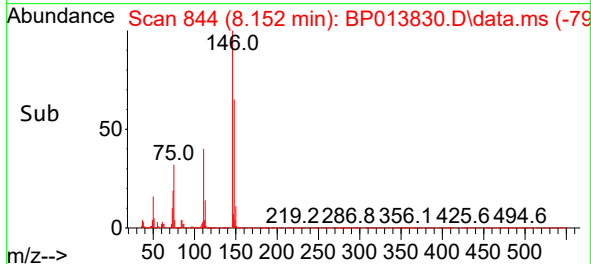
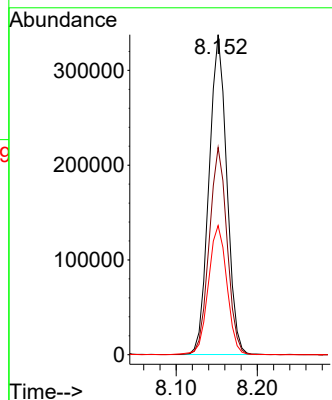
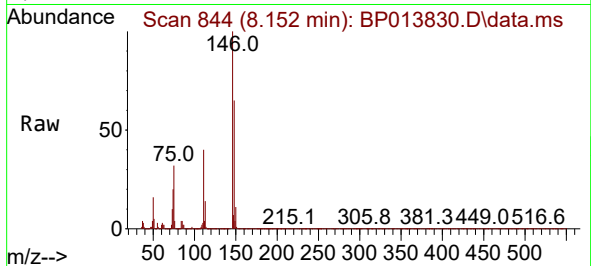
Tgt Ion:146 Resp: 513193

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

111 40.4 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 41.908 ng

RT: 8.475 min Scan# 899

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

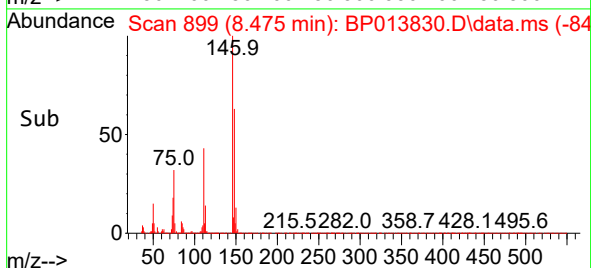
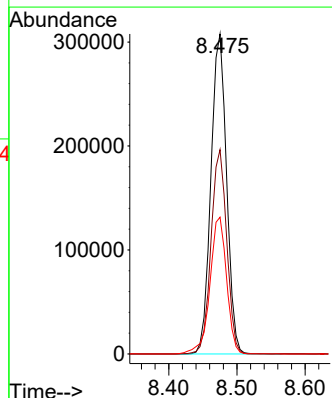
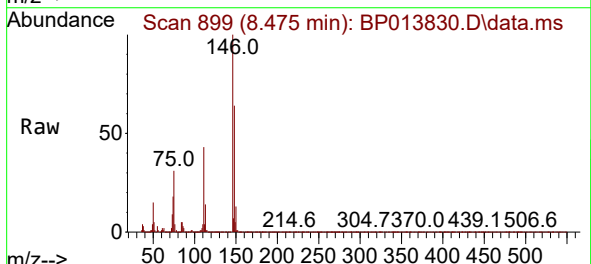
Tgt Ion:146 Resp: 491399

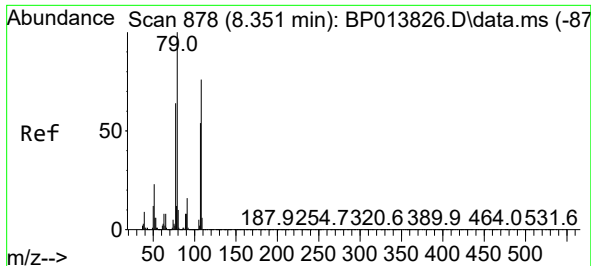
Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

111 42.8 34.9 52.3

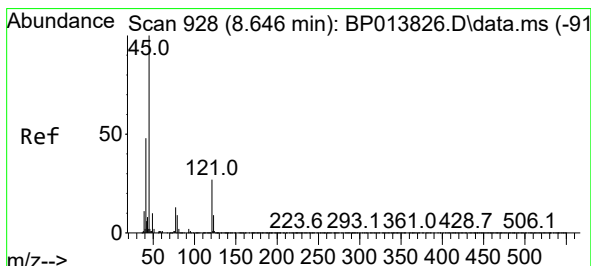
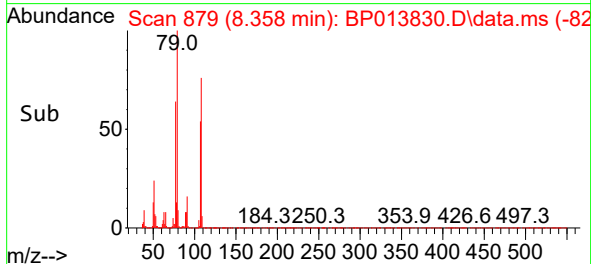
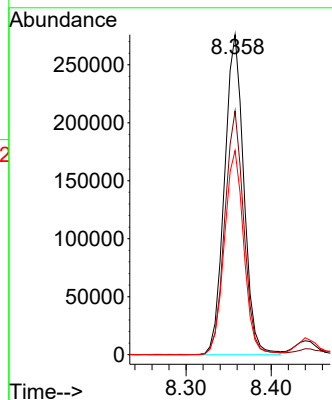
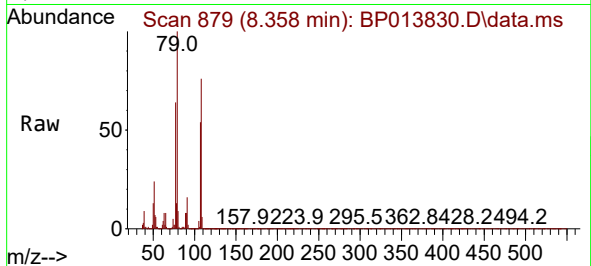




#15
Benzyl Alcohol
Concen: 46.101 ng
RT: 8.358 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

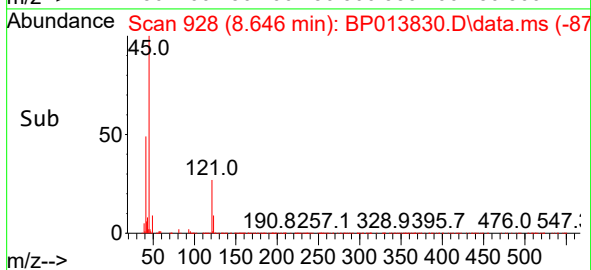
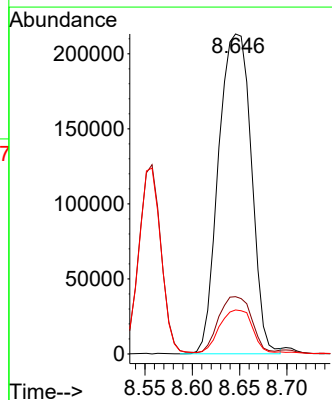
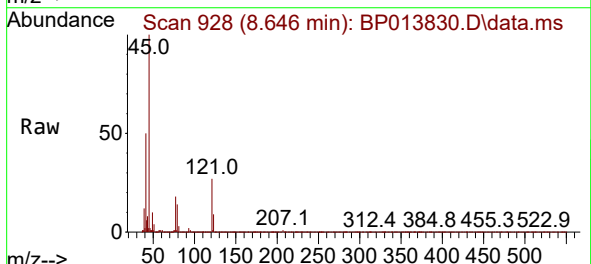
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

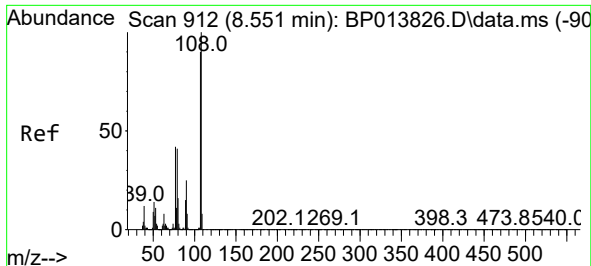
Tgt Ion: 79 Resp: 434327
Ion Ratio Lower Upper
79 100
108 76.2 60.7 91.1
77 63.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.890 ng
RT: 8.646 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 45 Resp: 512468
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.5
79 13.8 0.0 33.8





#17

2-Methylphenol

Concen: 44.875 ng

RT: 8.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

Tgt Ion:107 Resp: 426823

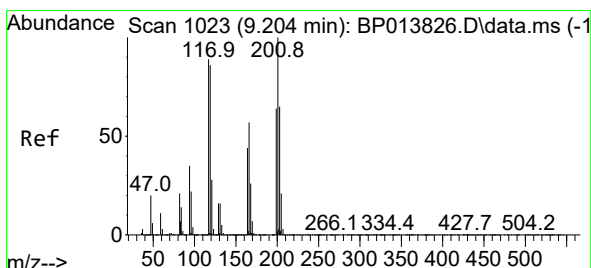
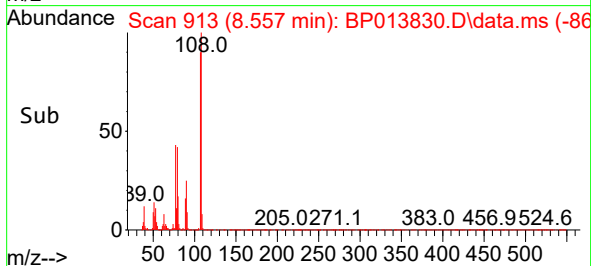
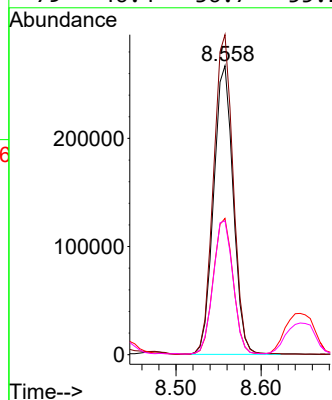
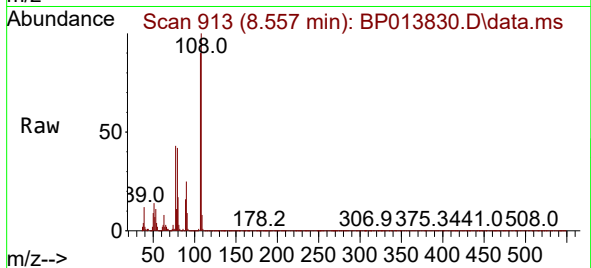
Ion Ratio Lower Upper

107 100

108 110.8 88.9 133.3

77 47.2 37.1 55.7

79 46.4 36.7 55.1



#18

Hexachloroethane

Concen: 41.878 ng

RT: 9.210 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

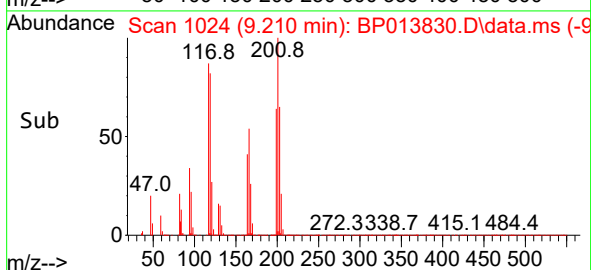
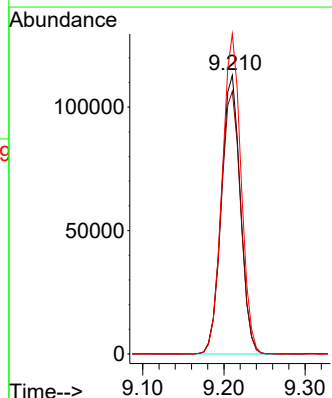
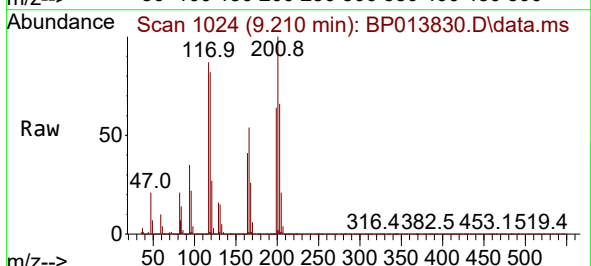
Tgt Ion:117 Resp: 184265

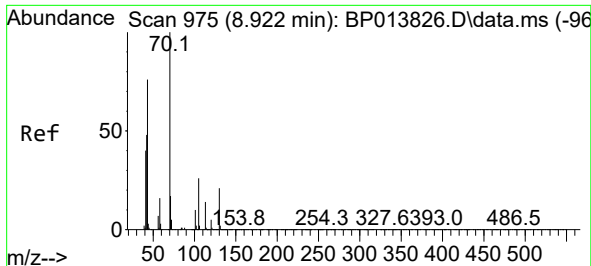
Ion Ratio Lower Upper

117 100

119 94.2 77.2 115.8

201 114.8 89.4 134.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.526 ng

RT: 8.928 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

Tgt Ion: 70 Resp: 373518

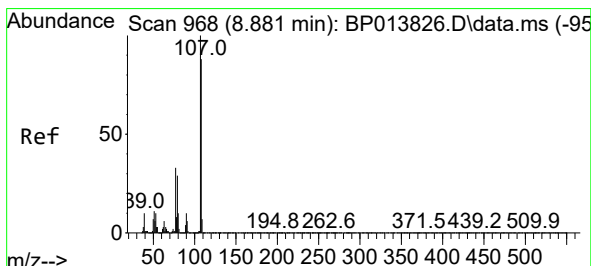
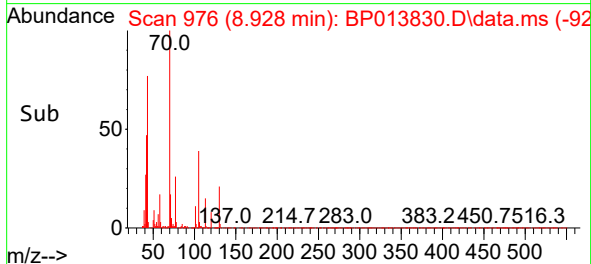
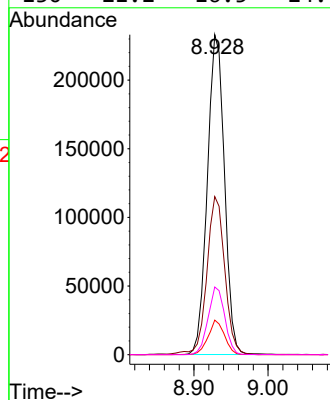
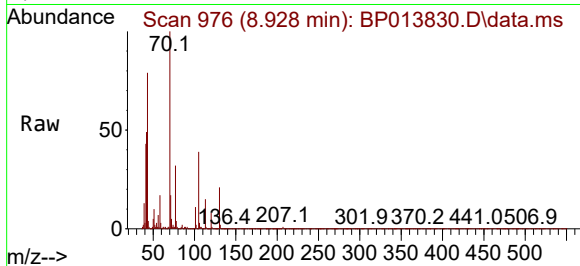
Ion Ratio Lower Upper

70 100

42 49.4 39.0 58.4

101 10.8 8.0 12.0

130 21.2 16.5 24.7



#20

3+4-Methylphenols

Concen: 45.582 ng

RT: 8.887 min Scan# 969

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Tgt Ion:107 Resp: 583521

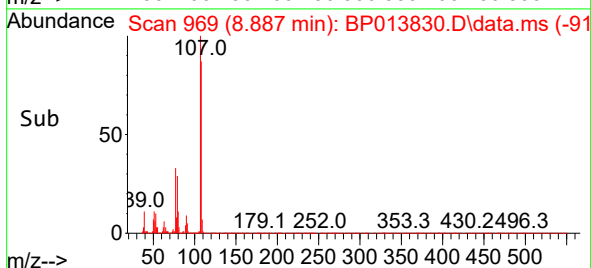
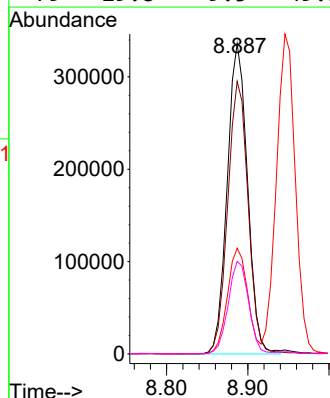
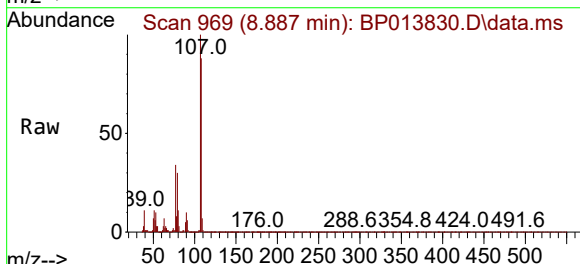
Ion Ratio Lower Upper

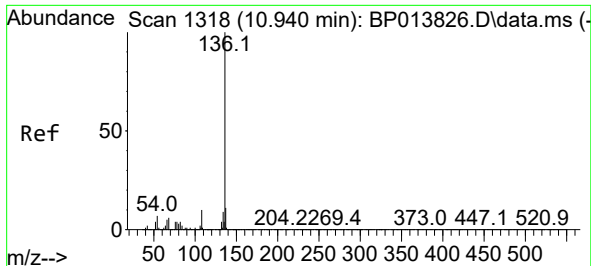
107 100

108 87.8 67.7 107.7

77 34.1 13.4 53.4

79 29.8 9.5 49.5

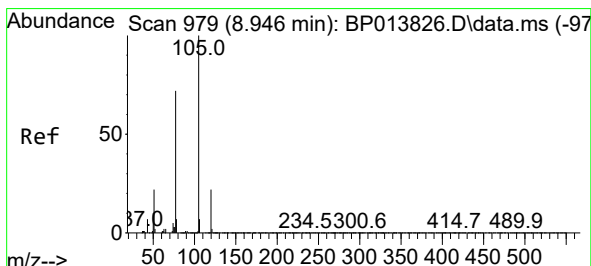
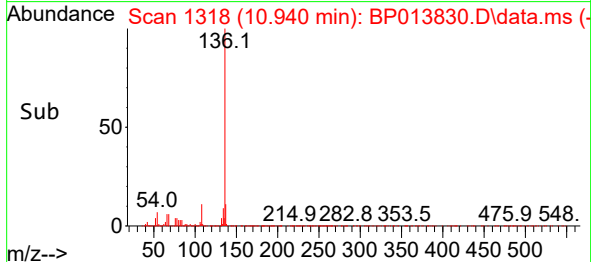
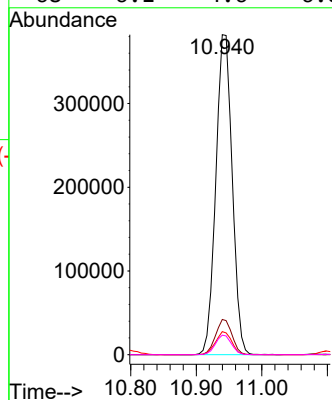
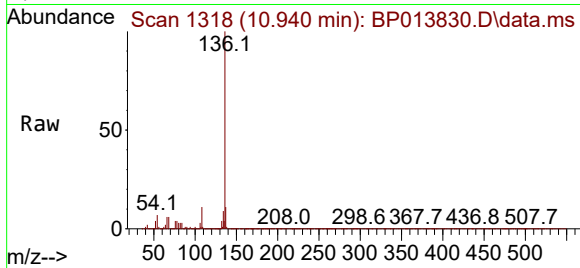




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

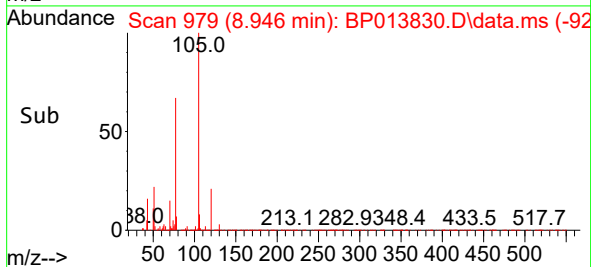
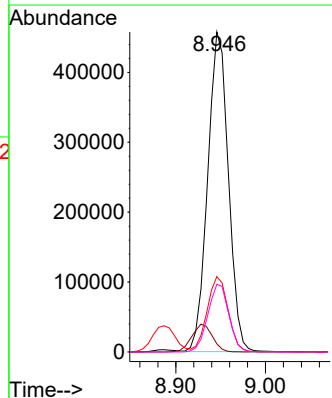
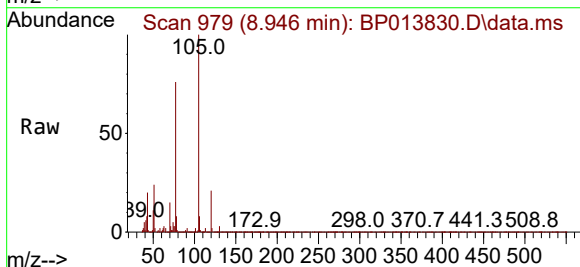
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

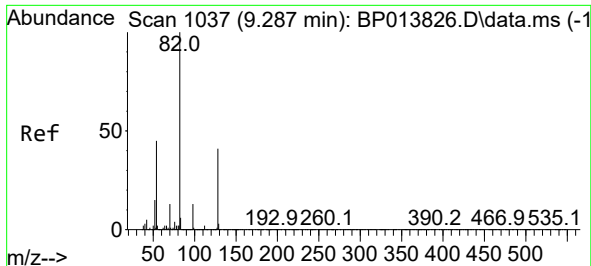
Tgt Ion:136 Resp: 661282
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.5 5.8 8.6
68 6.1 4.6 6.8



#22
Acetophenone
Concen: 43.886 ng
RT: 8.946 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:105 Resp: 731998
Ion Ratio Lower Upper
105 100
71 2.6 0.7 1.1#
51 23.5 18.9 28.3
120 21.1 17.4 26.0

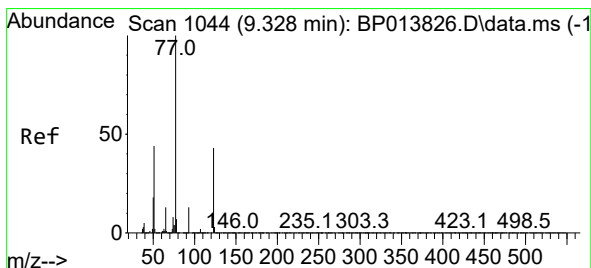
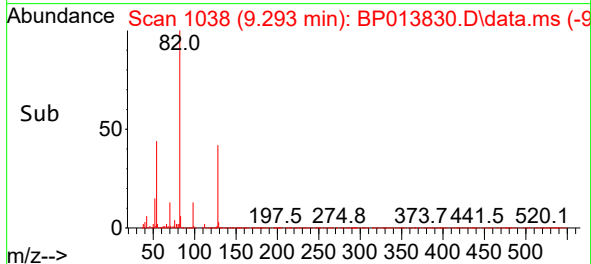
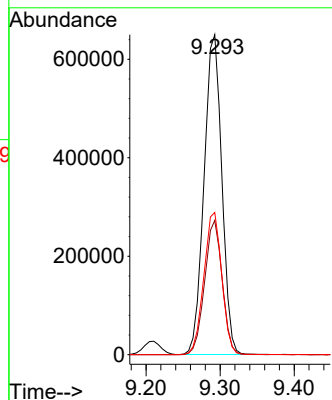
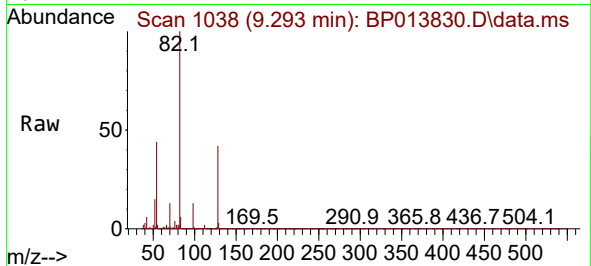




#23
Nitrobenzene-d5
Concen: 88.505 ng
RT: 9.293 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

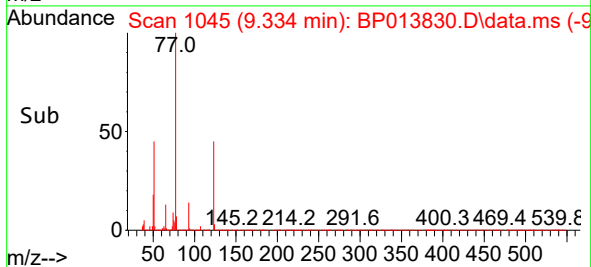
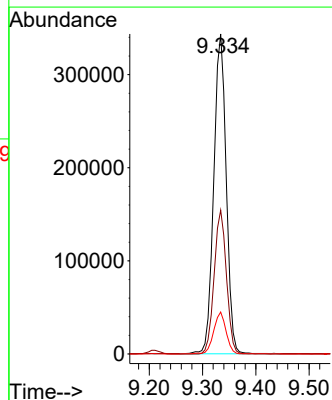
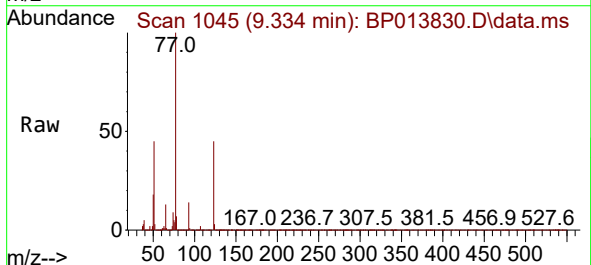
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

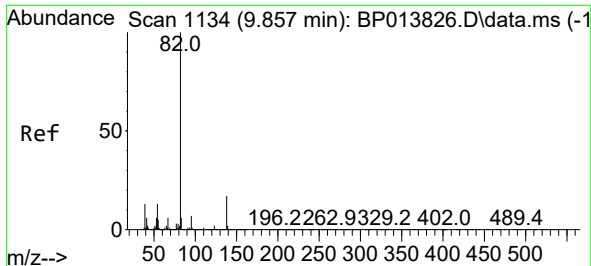
Tgt Ion: 82 Resp: 1083826
Ion Ratio Lower Upper
82 100
128 42.0 32.9 49.3
54 44.4 35.6 53.4



#24
Nitrobenzene
Concen: 43.587 ng
RT: 9.334 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 77 Resp: 557015
Ion Ratio Lower Upper
77 100
123 44.9 34.7 52.1
65 13.1 10.5 15.7

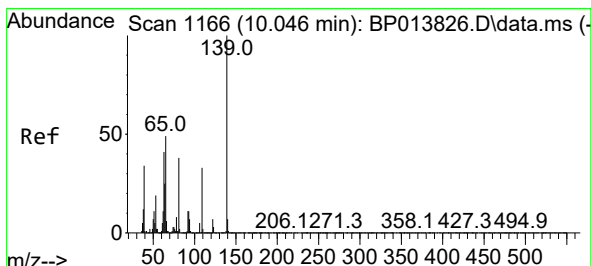
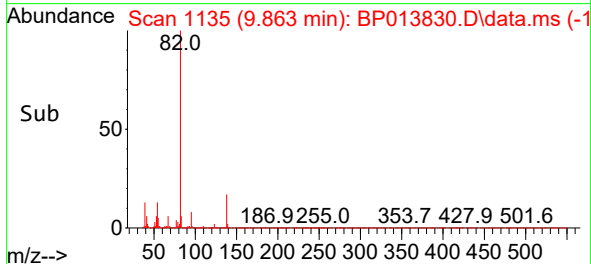
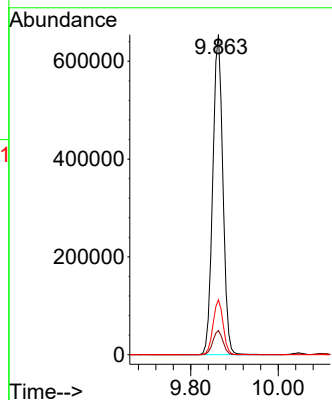
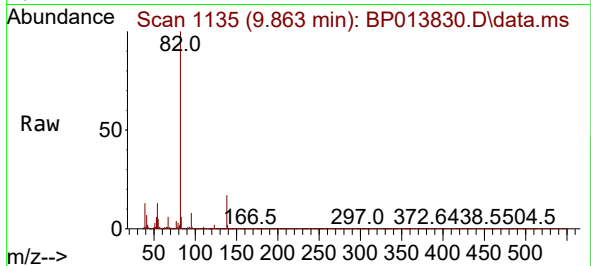




#25
Isophorone
Concen: 44.562 ng
RT: 9.863 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

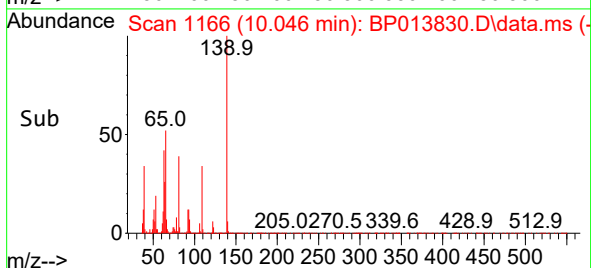
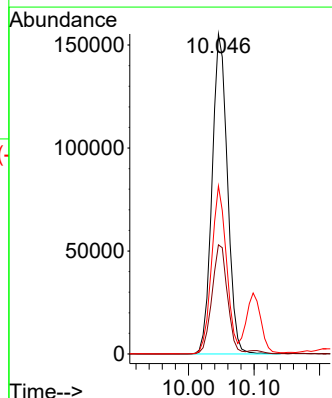
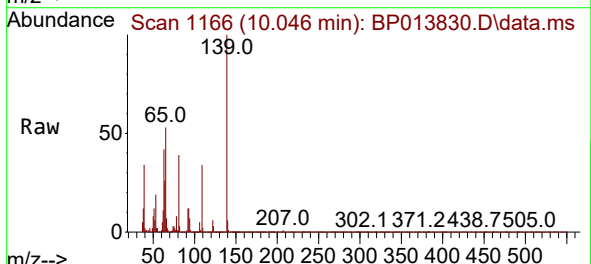
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

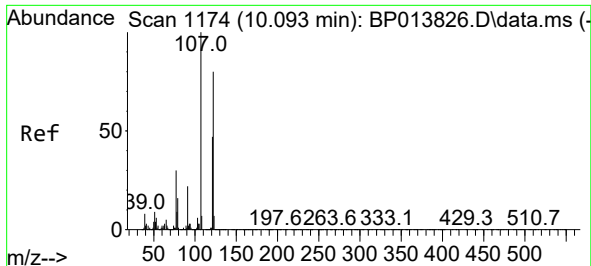
Tgt Ion: 82 Resp: 1051603
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.2 13.7 20.5



#26
2-Nitrophenol
Concen: 42.381 ng
RT: 10.046 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:139 Resp: 253142
Ion Ratio Lower Upper
139 100
109 34.1 26.7 40.1
65 52.5 39.4 59.2

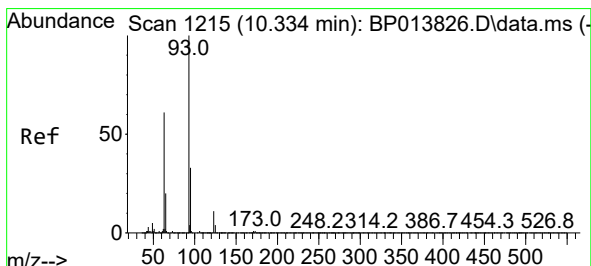
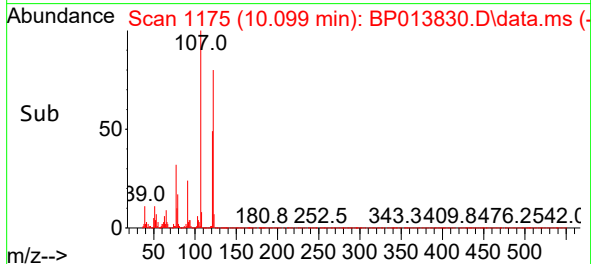
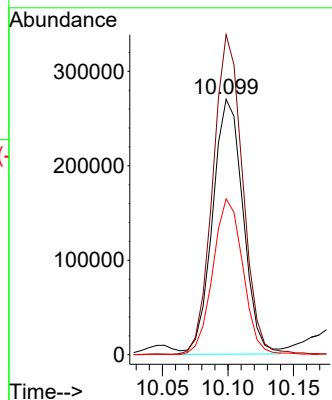
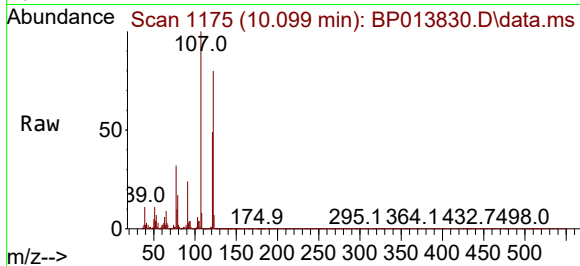




#27
2,4-Dimethylphenol
Concen: 44.209 ng
RT: 10.099 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

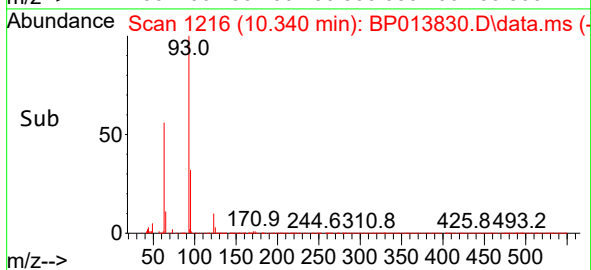
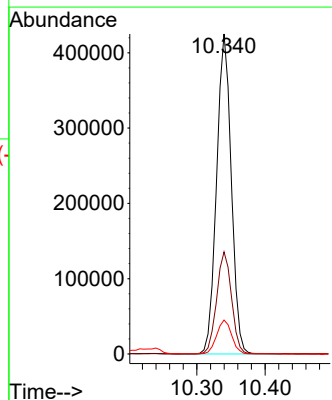
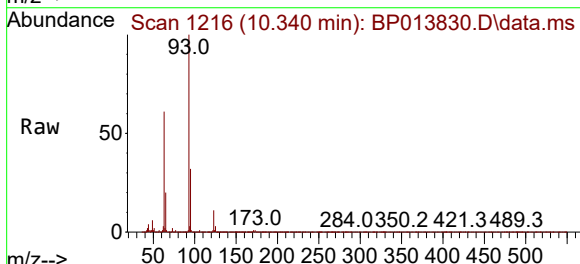
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

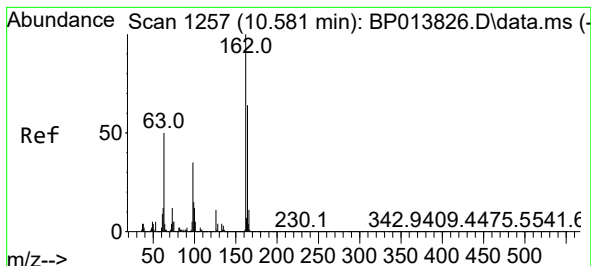
Tgt Ion:122 Resp: 436309
Ion Ratio Lower Upper
122 100
107 125.3 100.0 150.0
121 61.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.242 ng
RT: 10.340 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion: 93 Resp: 636359
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 10.6 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 44.234 ng

RT: 10.581 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

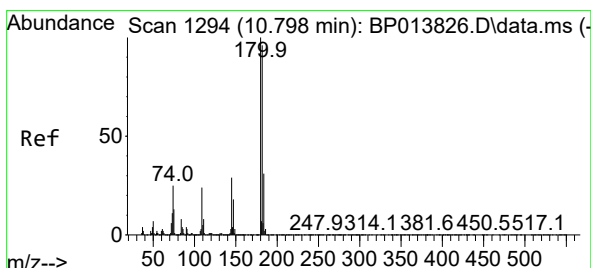
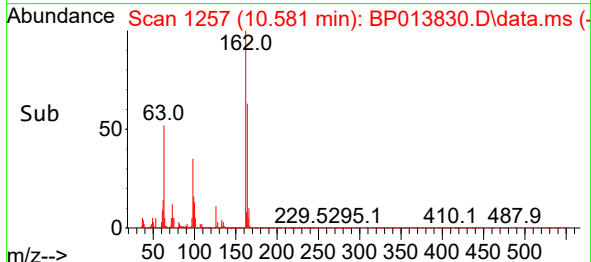
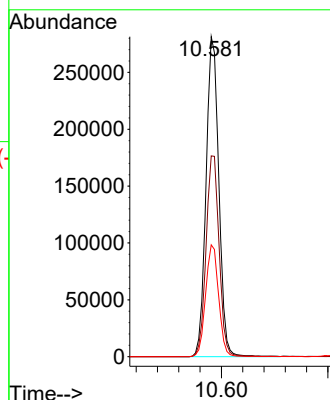
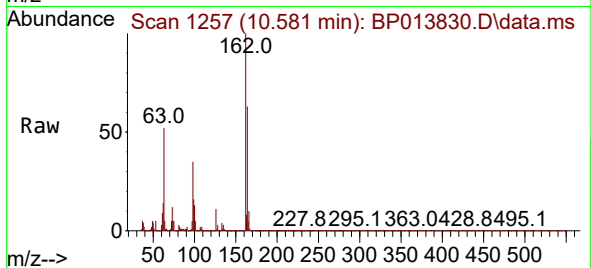
Tgt Ion:162 Resp: 468380

Ion Ratio Lower Upper

162 100

164 62.7 44.4 84.4

98 35.0 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 40.754 ng

RT: 10.799 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

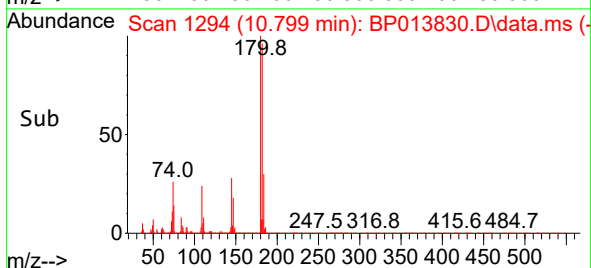
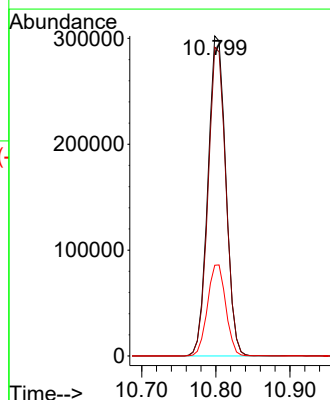
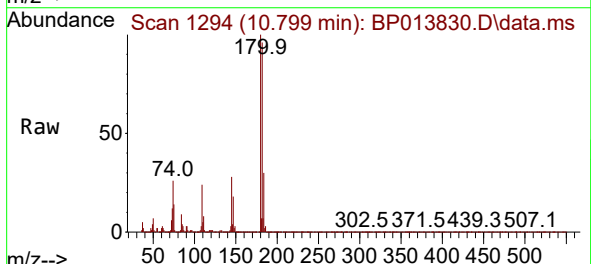
Tgt Ion:180 Resp: 506380

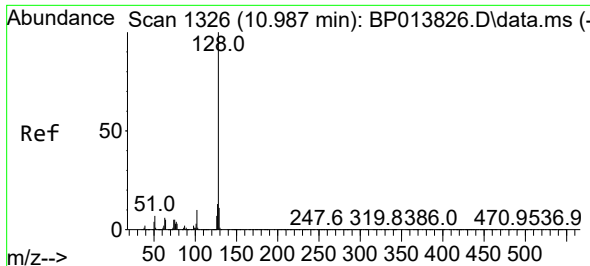
Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

145 28.3 22.9 34.3

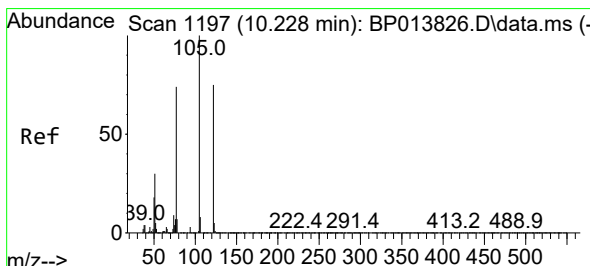
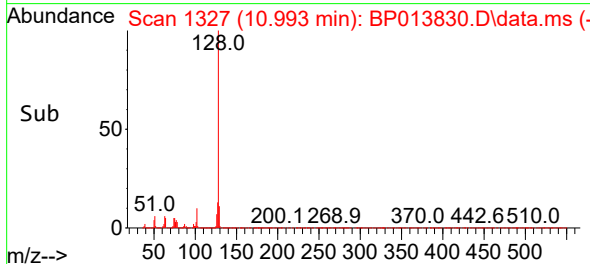
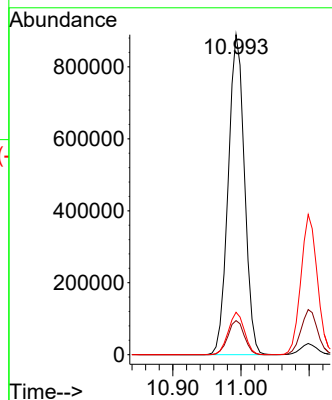
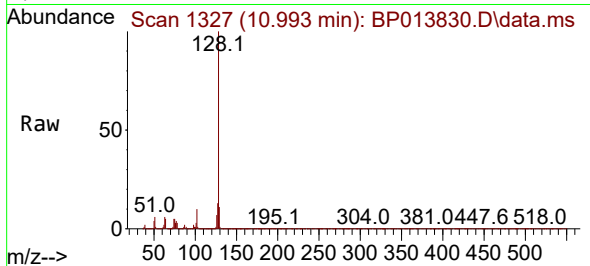




#31
Naphthalene
Concen: 40.738 ng
RT: 10.993 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

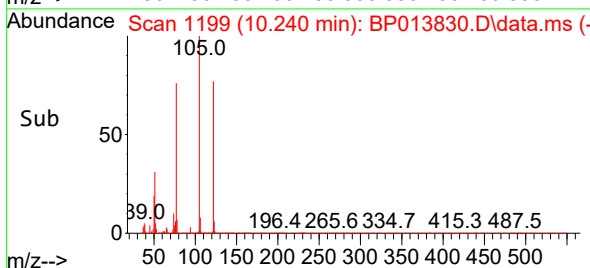
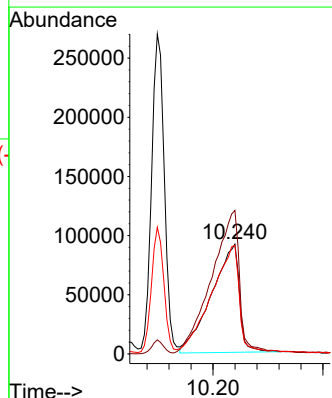
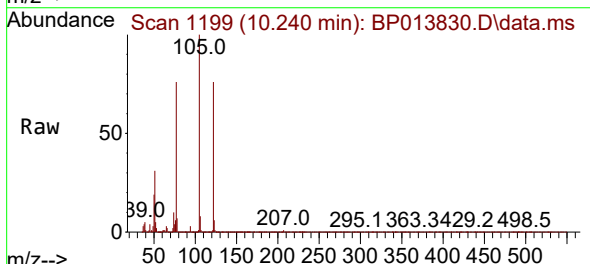
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

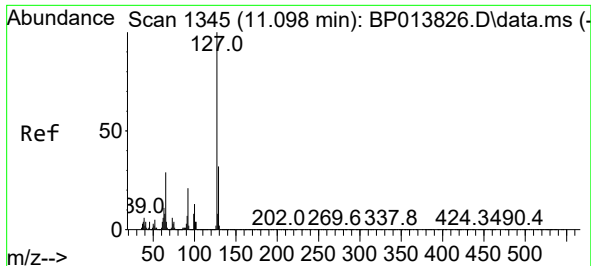
Tgt Ion:128 Resp: 1476999
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 41.992 ng
RT: 10.240 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:122 Resp: 321258
Ion Ratio Lower Upper
122 100
105 130.9 107.4 147.4
77 99.0 76.0 116.0

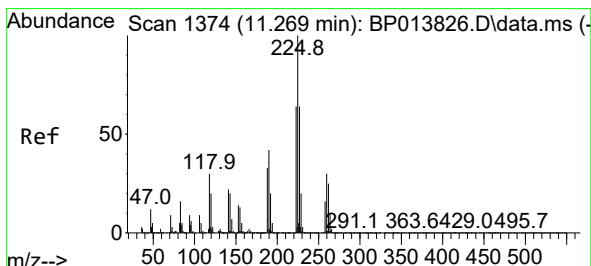
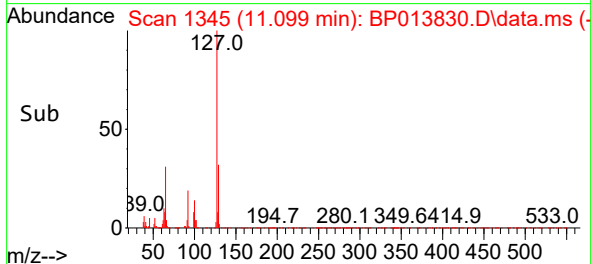
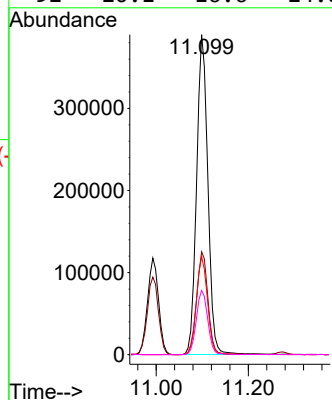
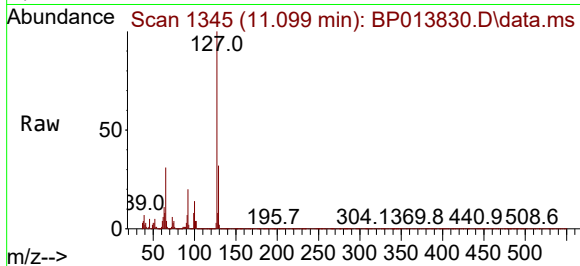




#33
4-Chloroaniline
Concen: 43.449 ng
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

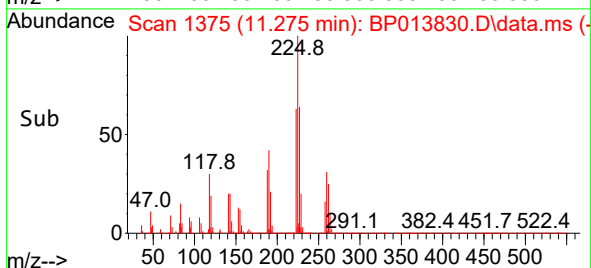
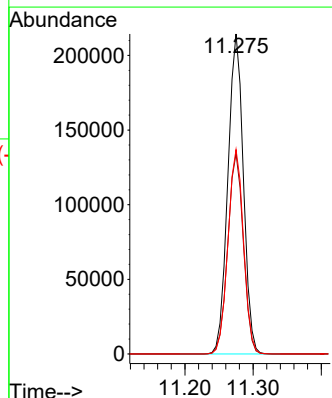
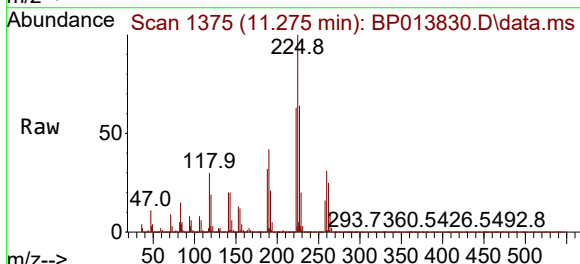
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

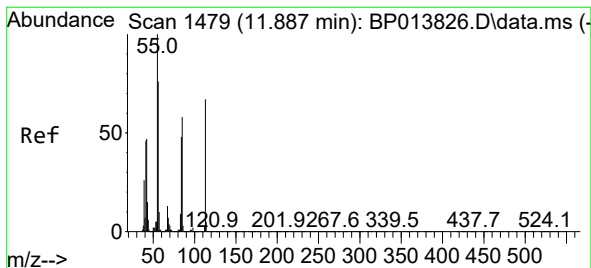
Tgt Ion:	127	Resp:	661463
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.7	23.4	35.2
92	20.1	16.6	24.8



#34
Hexachlorobutadiene
Concen: 41.028 ng
RT: 11.275 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:	225	Resp:	338771
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.4
227	63.9	51.6	77.4

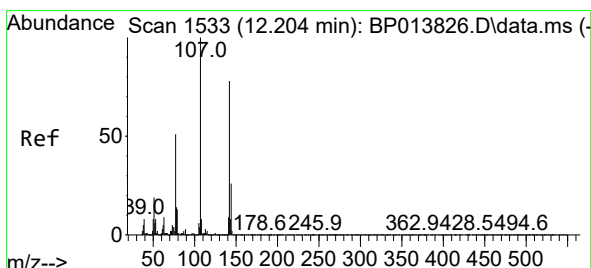
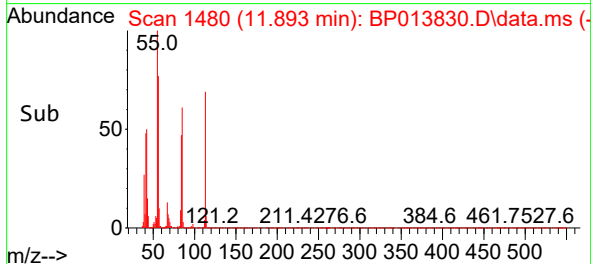
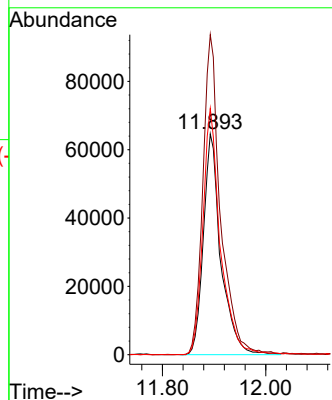
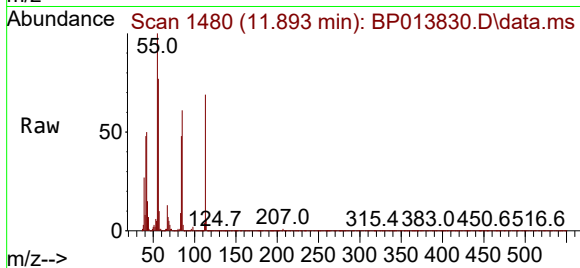




#35
Caprolactam
Concen: 44.759 ng
RT: 11.893 min Scan# 1479
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

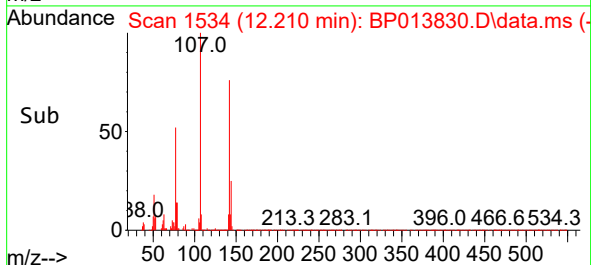
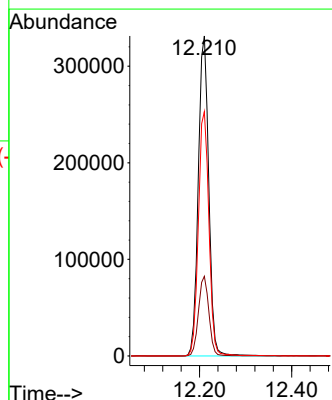
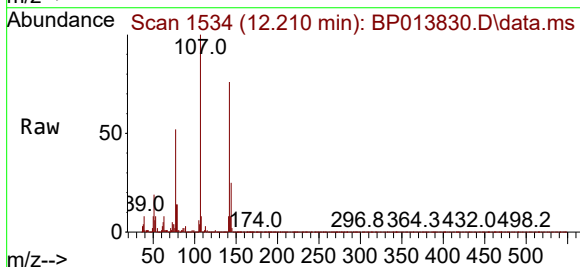
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

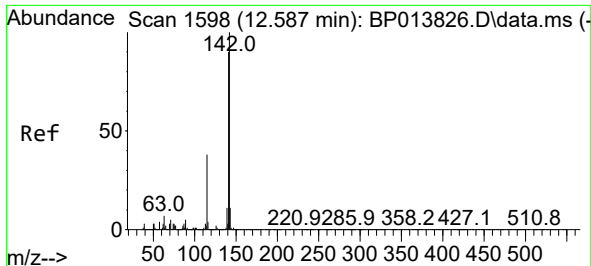
Tgt Ion:113 Resp: 151316
Ion Ratio Lower Upper
113 100
55 145.0 128.5 168.5
56 111.6 93.4 133.4



#36
4-Chloro-3-methylphenol
Concen: 44.256 ng
RT: 12.210 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:107 Resp: 522172
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 76.3 62.2 93.4

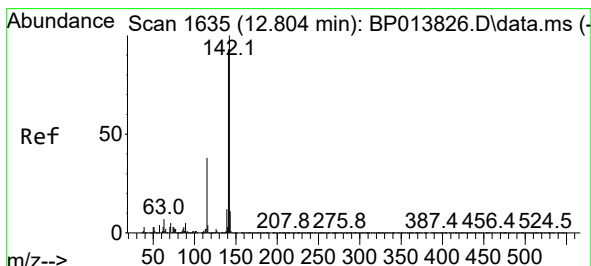
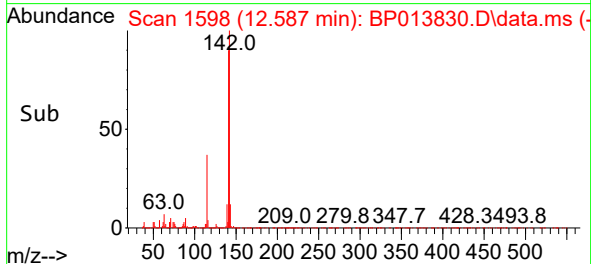
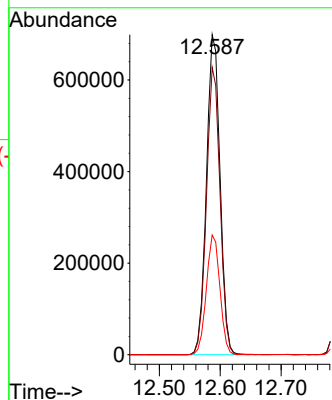
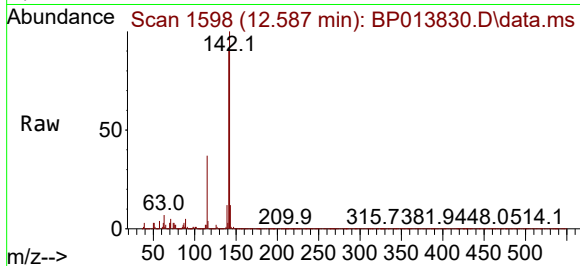




#37
2-Methylnaphthalene
Concen: 41.433 ng
RT: 12.587 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

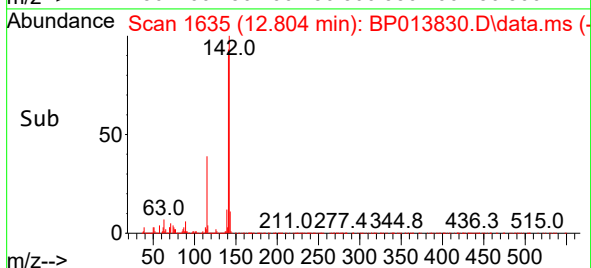
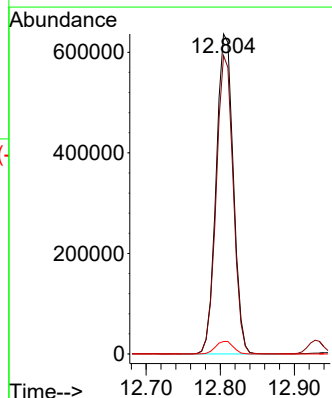
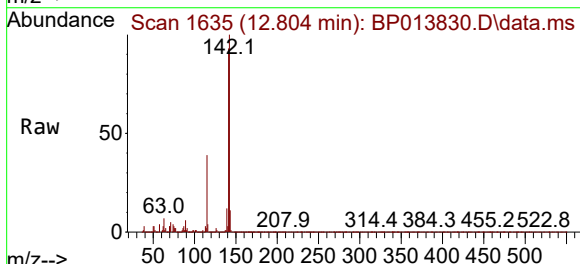
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

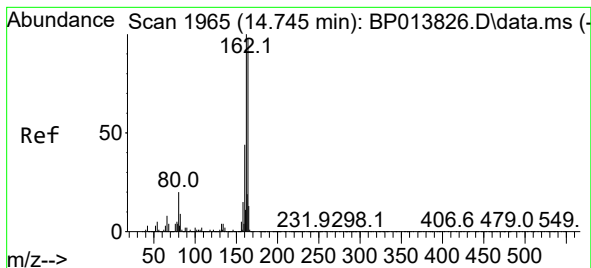
Tgt Ion:142 Resp: 1087388
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1
115 37.4 30.2 45.4



#38
1-Methylnaphthalene
Concen: 41.513 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:142 Resp: 1019666
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4
116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.751 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

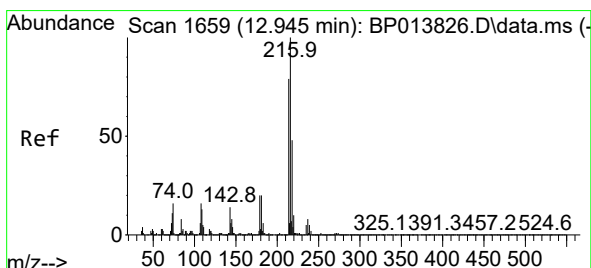
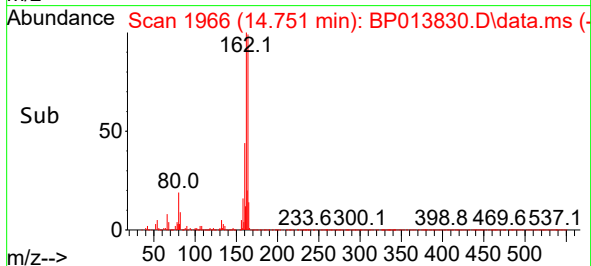
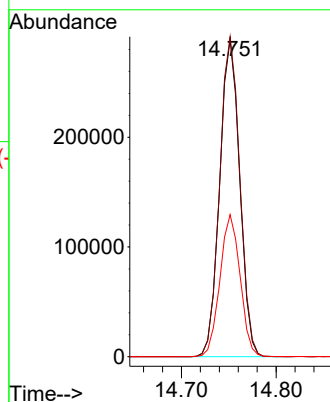
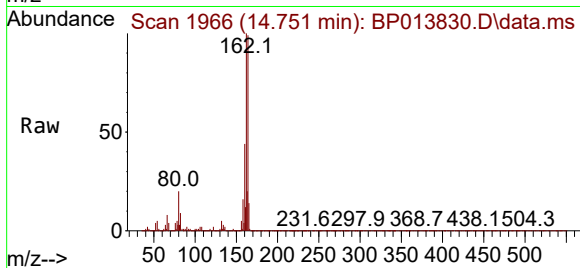
Tgt Ion:164 Resp: 424146

Ion Ratio Lower Upper

164 100

162 101.0 81.7 122.5

160 44.8 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.848 ng

RT: 12.951 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Tgt Ion:216 Resp: 624833

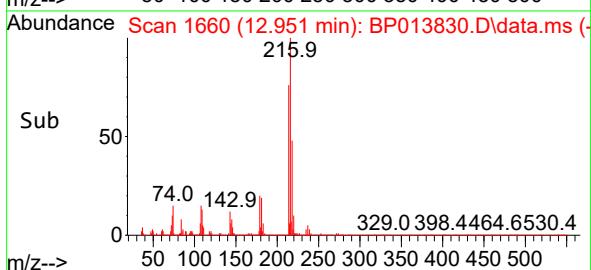
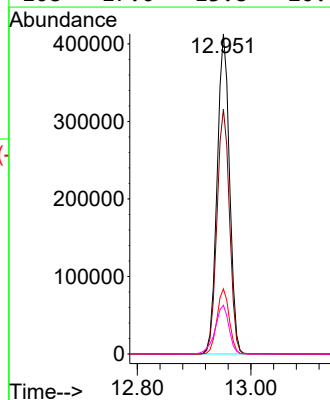
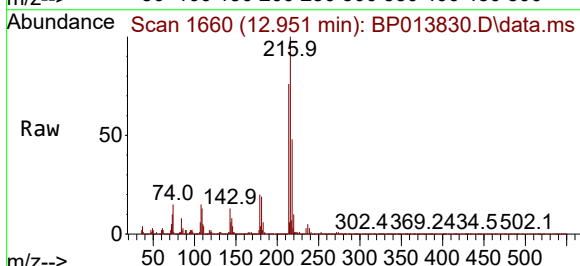
Ion Ratio Lower Upper

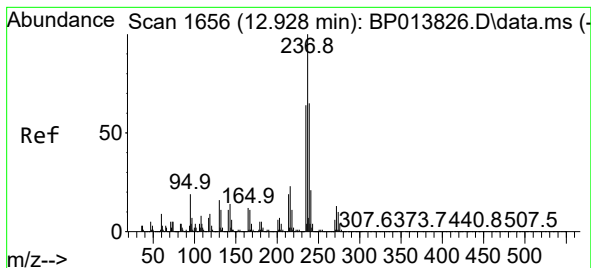
216 100

214 77.6 63.0 94.4

179 20.2 16.0 24.0

108 17.0 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 43.990 ng

RT: 12.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

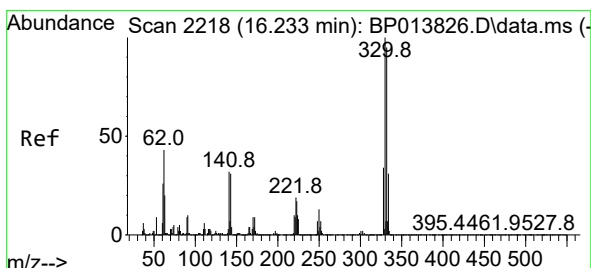
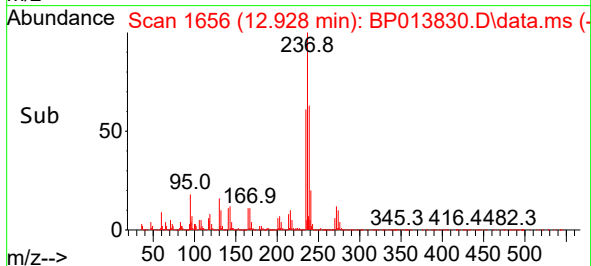
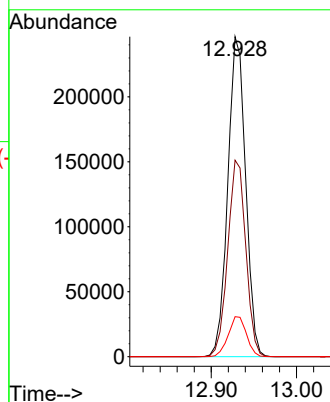
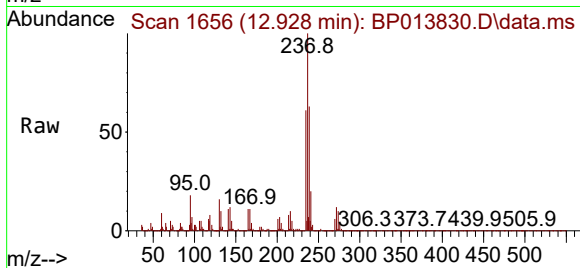
Tgt Ion:237 Resp: 357421

Ion Ratio Lower Upper

237 100

235 61.4 44.3 84.3

272 12.5 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 87.267 ng

RT: 16.239 min Scan# 2219

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

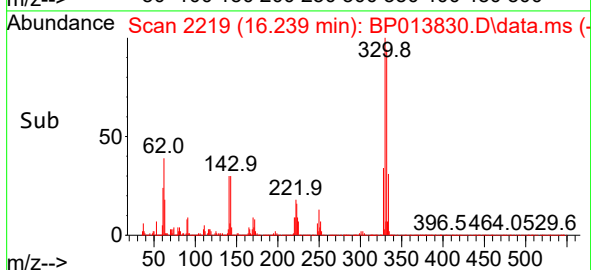
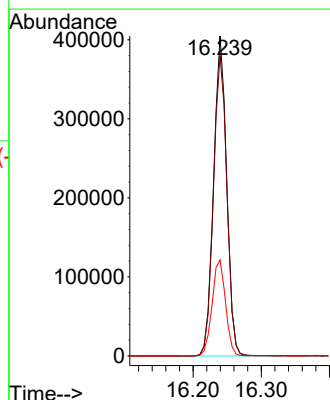
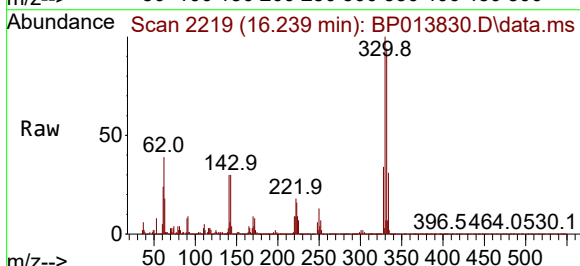
Tgt Ion:330 Resp: 538799

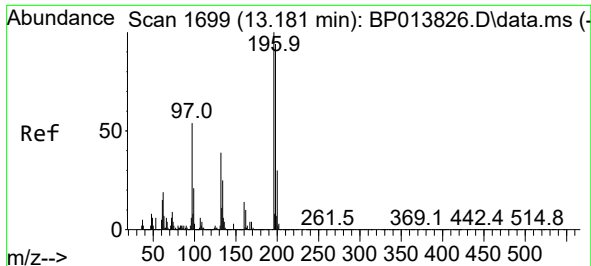
Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 30.9 25.1 37.7

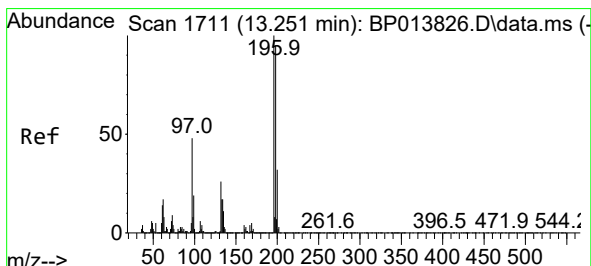
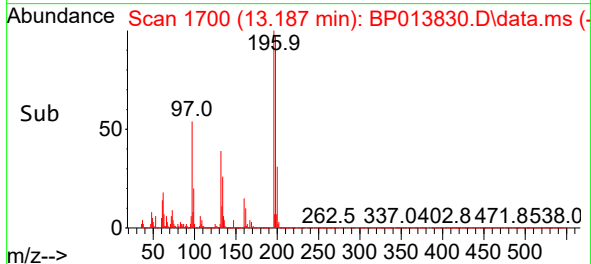
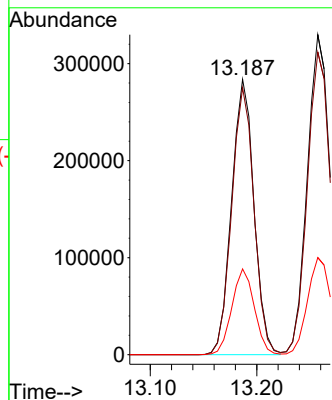
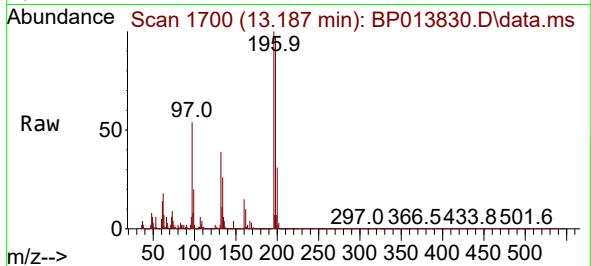




#43
2,4,6-Trichlorophenol
Concen: 43.376 ng
RT: 13.187 min Scan# 1711
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

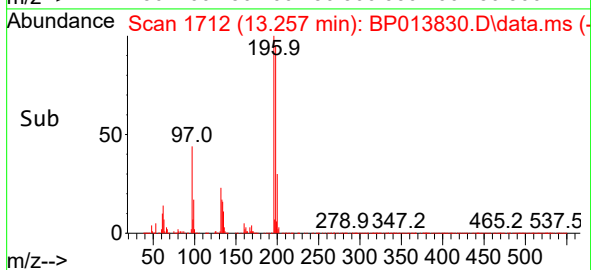
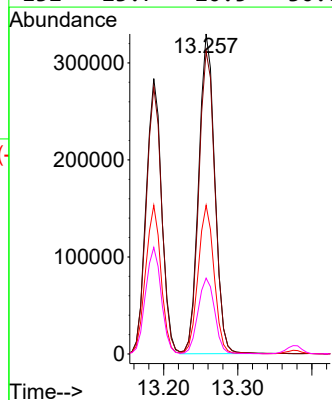
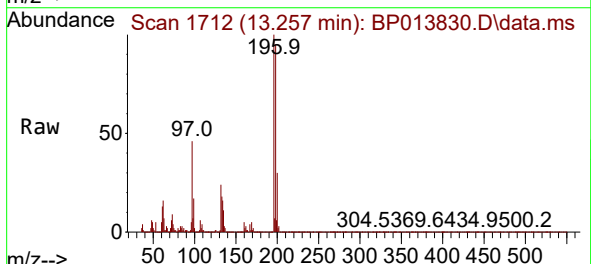
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

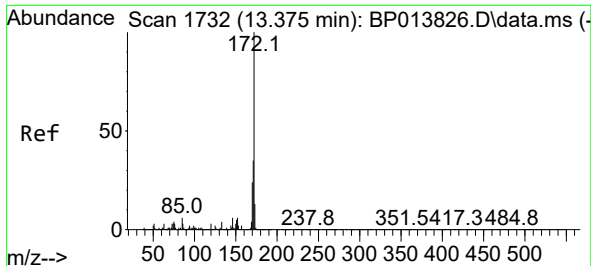
Tgt Ion:196 Resp: 415063
Ion Ratio Lower Upper
196 100
198 96.9 75.5 113.3
200 31.2 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.611 ng
RT: 13.257 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:196 Resp: 495989
Ion Ratio Lower Upper
196 100
198 94.5 76.1 114.1
97 46.4 38.8 58.2
132 23.7 20.5 30.7

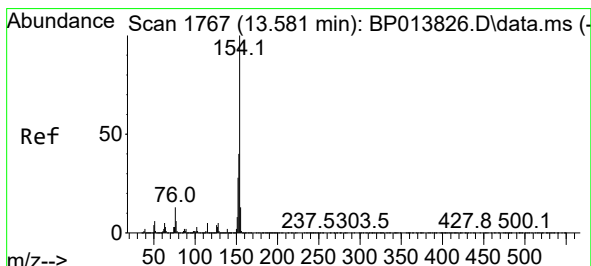
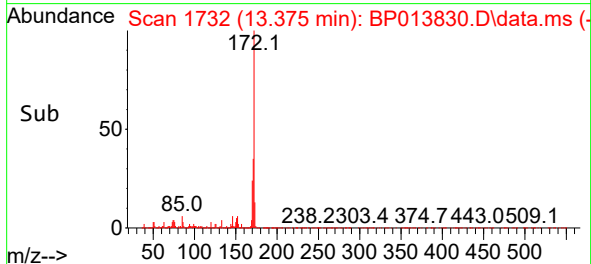
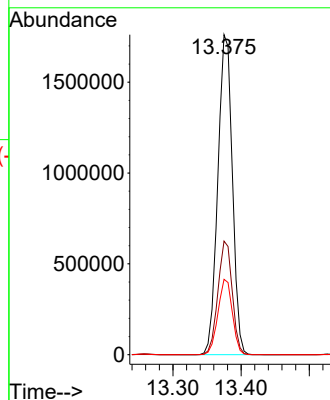
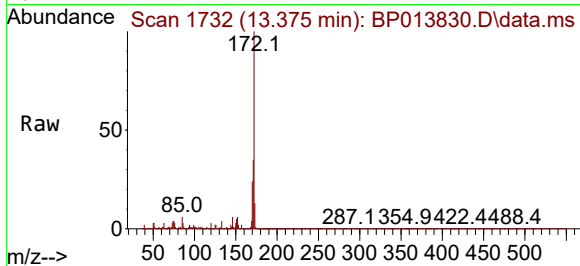




#45
2-Fluorobiphenyl
Concen: 80.788 ng
RT: 13.375 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

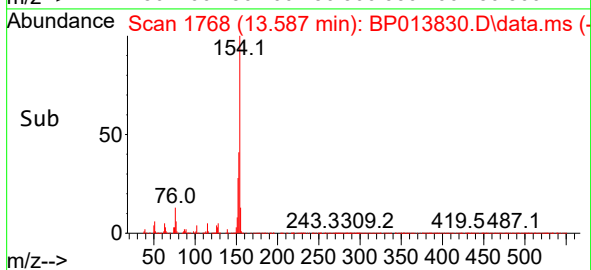
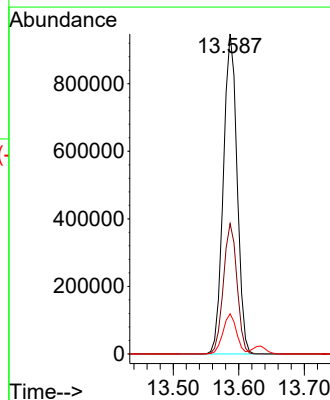
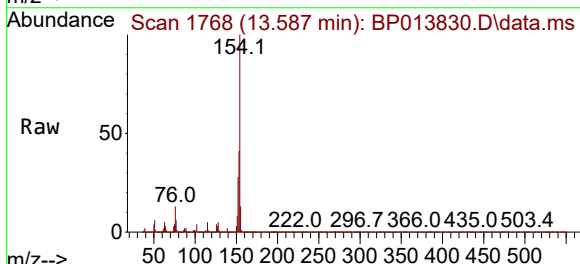
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

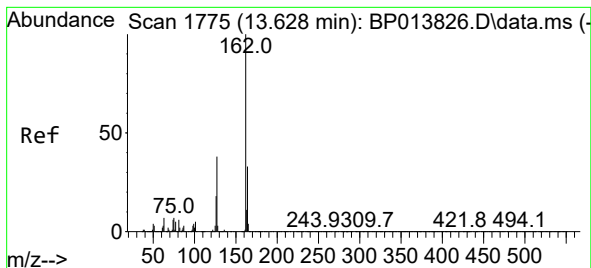
Tgt Ion:172 Resp: 2608817
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.979 ng
RT: 13.587 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:154 Resp: 1370540
Ion Ratio Lower Upper
154 100
153 40.8 19.9 59.9
76 12.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.330 ng

RT: 13.634 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

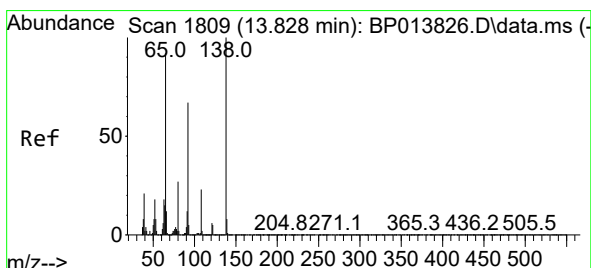
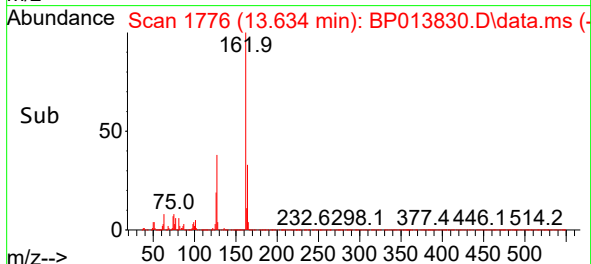
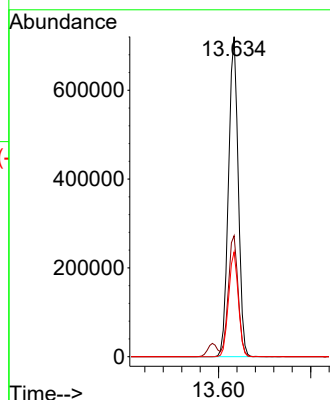
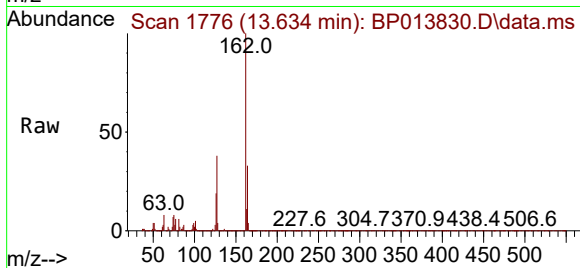
Tgt Ion:162 Resp: 1053331

Ion Ratio Lower Upper

162 100

127 37.8 30.8 46.2

164 32.8 26.3 39.5



#48

2-Nitroaniline

Concen: 41.538 ng

RT: 13.834 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

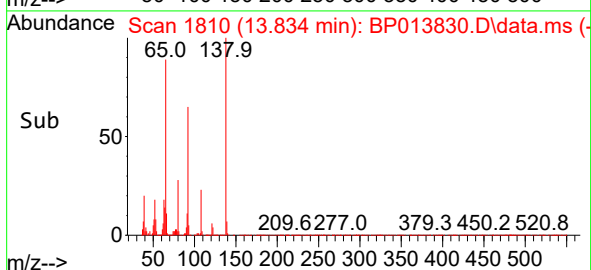
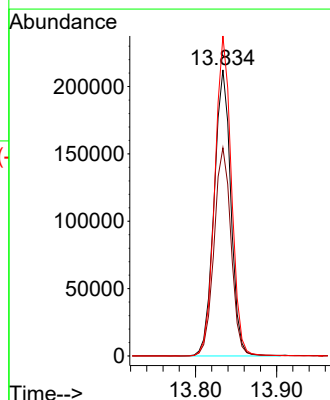
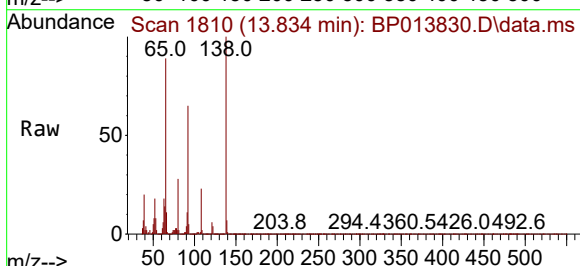
Tgt Ion: 65 Resp: 304678

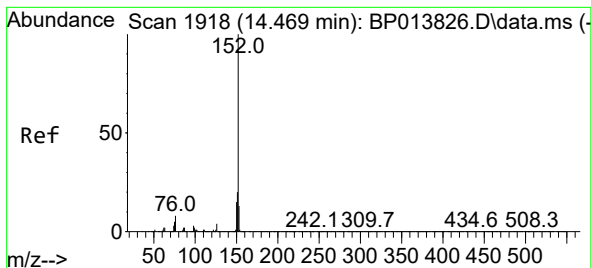
Ion Ratio Lower Upper

65 100

92 72.8 58.7 88.1

138 111.8 87.3 130.9





#49

Acenaphthylene

Concen: 41.907 ng

RT: 14.475 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

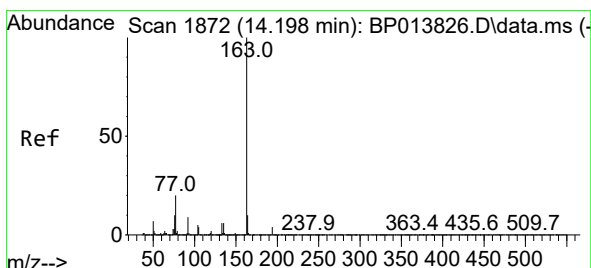
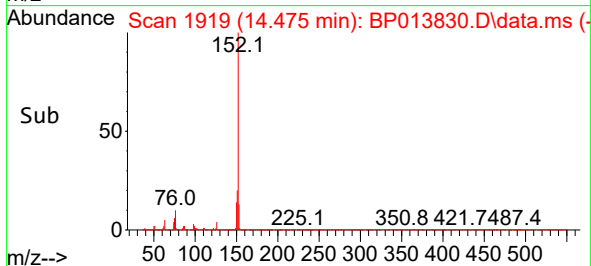
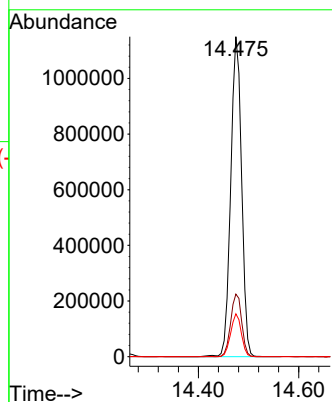
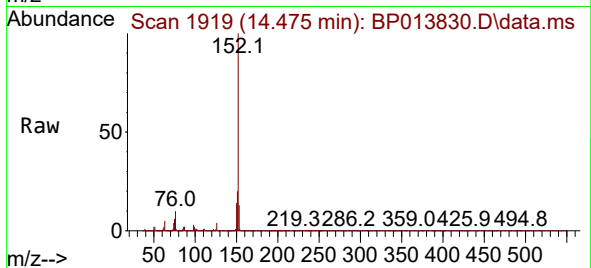
Tgt Ion:152 Resp: 1725346

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 41.852 ng

RT: 14.204 min Scan# 1873

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

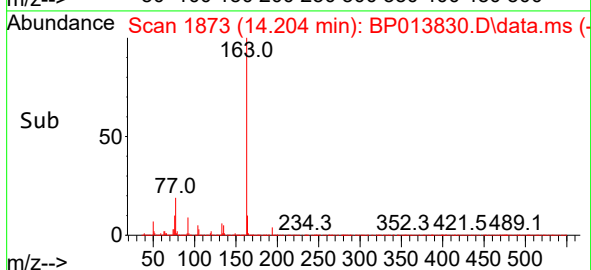
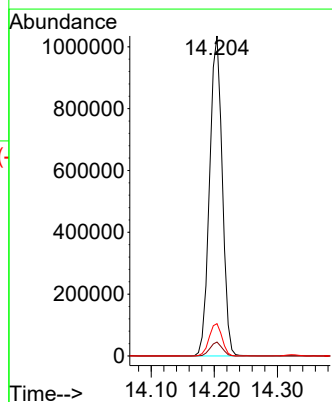
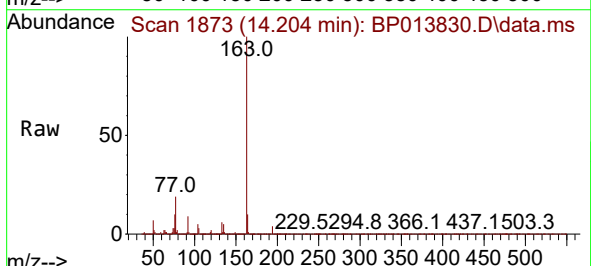
Tgt Ion:163 Resp: 1444474

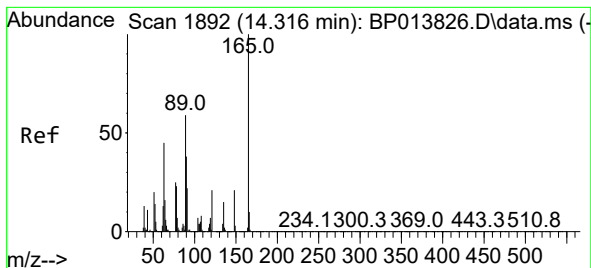
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.0 12.0

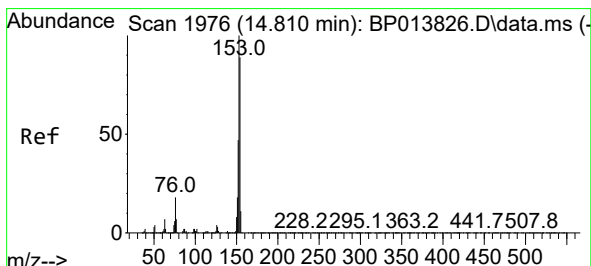
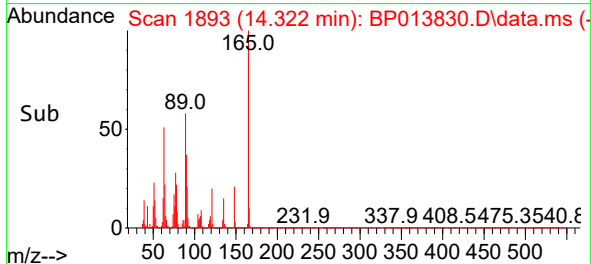
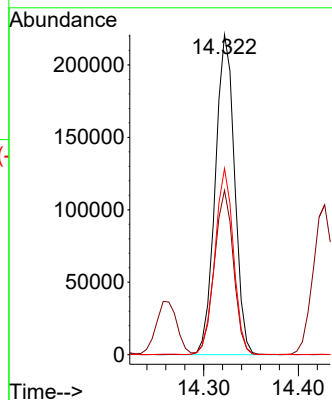
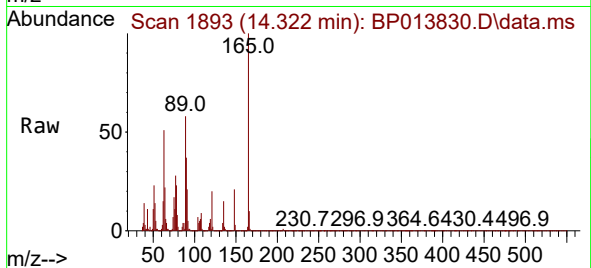




#51
2,6-Dinitrotoluene
Concen: 41.756 ng
RT: 14.322 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

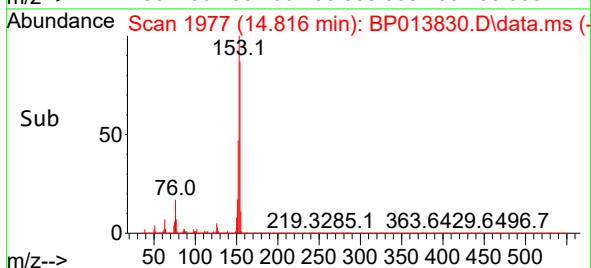
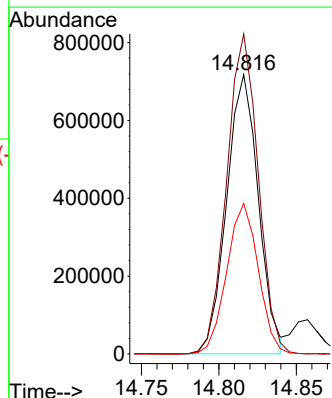
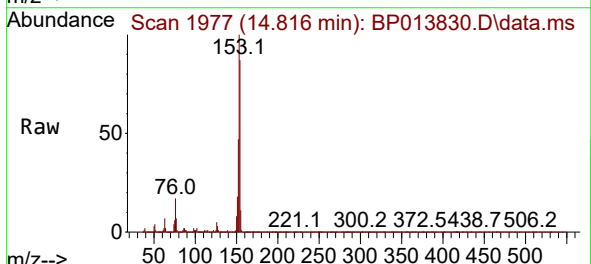
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

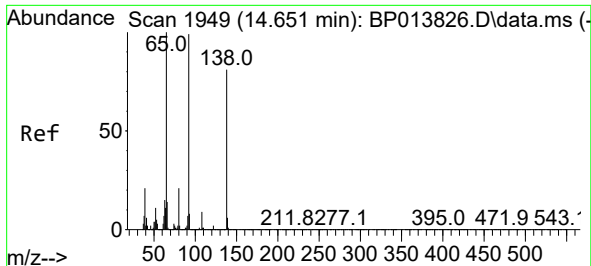
Tgt Ion:165 Resp: 313041
Ion Ratio Lower Upper
165 100
63 51.3 42.6 63.8
89 58.2 47.1 70.7



#52
Acenaphthene
Concen: 40.831 ng
RT: 14.816 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:154 Resp: 1022930
Ion Ratio Lower Upper
154 100
153 114.5 90.4 135.6
152 53.9 42.6 64.0

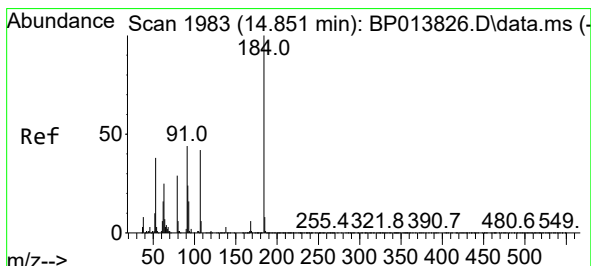
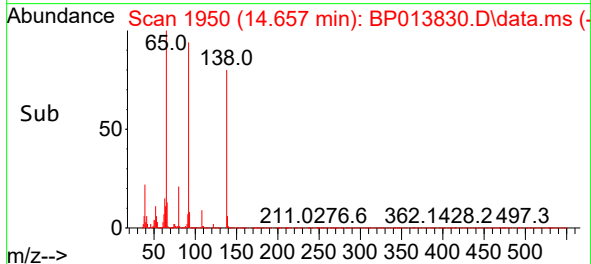
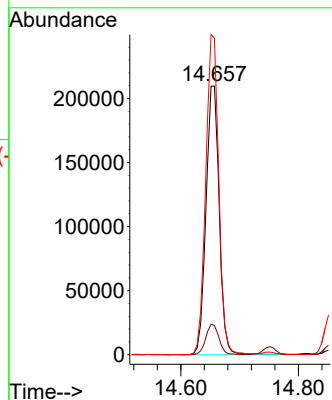
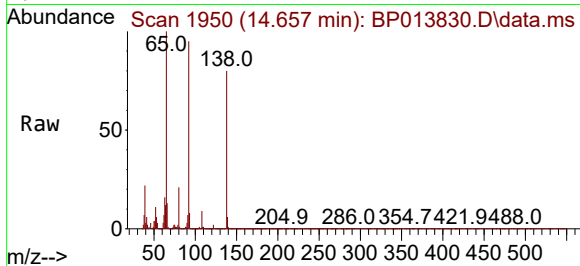




#53
3-Nitroaniline
Concen: 41.737 ng
RT: 14.657 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

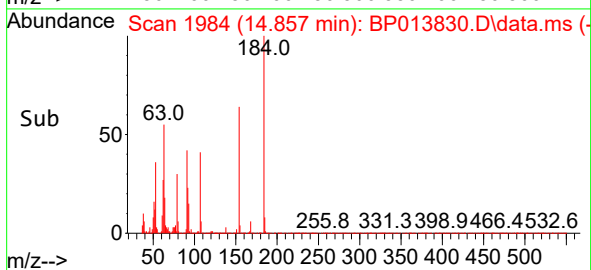
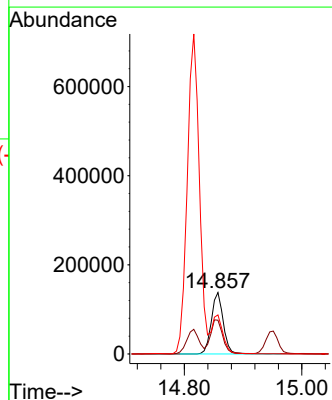
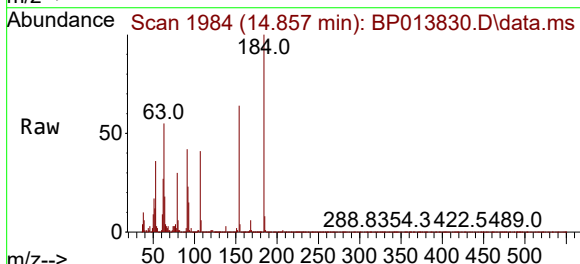
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

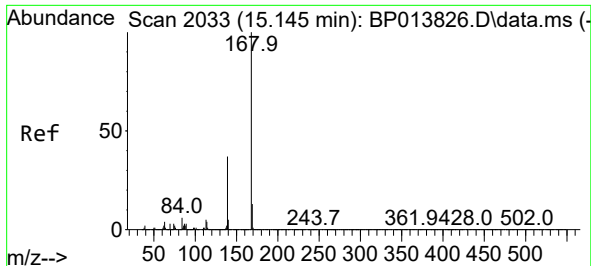
Tgt Ion:138 Resp: 325570
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 117.9 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 41.794 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:184 Resp: 194001
Ion Ratio Lower Upper
184 100
63 55.0 47.0 70.4
154 63.7 51.5 77.3

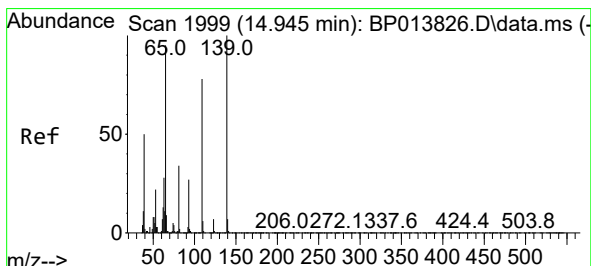
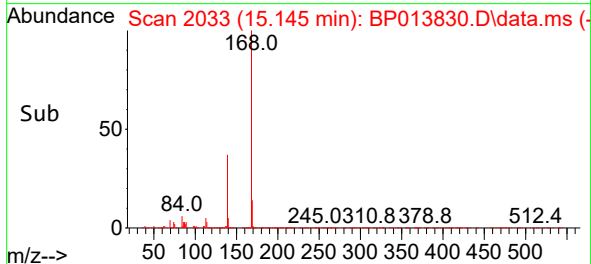
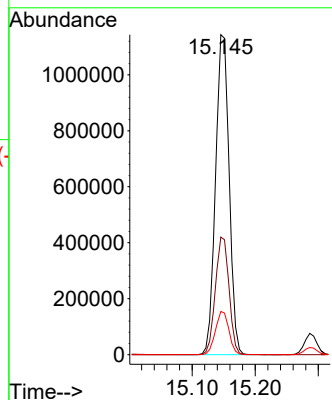
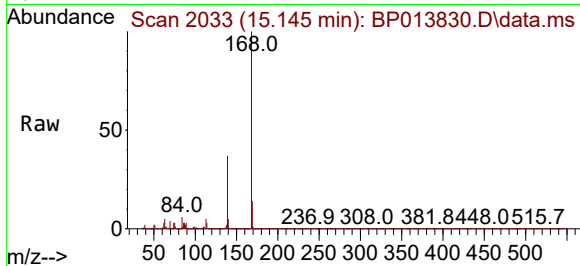




#55
Dibenzenofuran
Concen: 41.007 ng
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

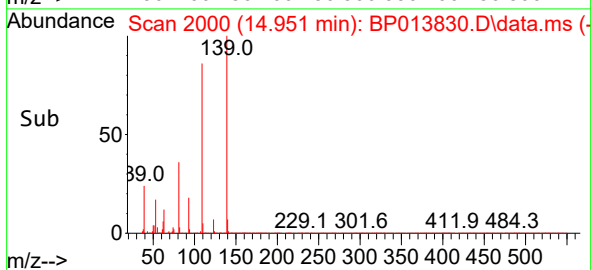
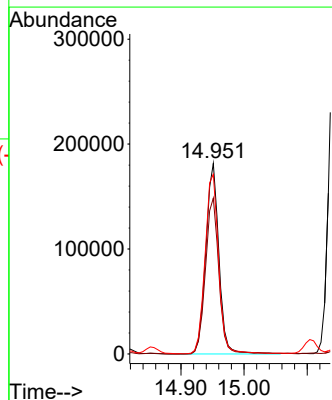
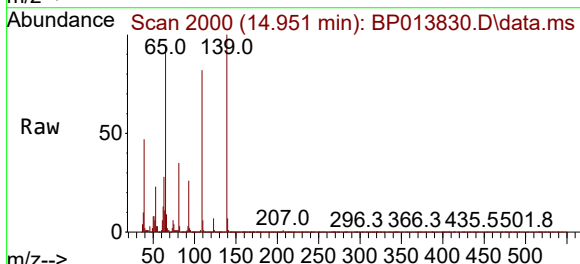
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

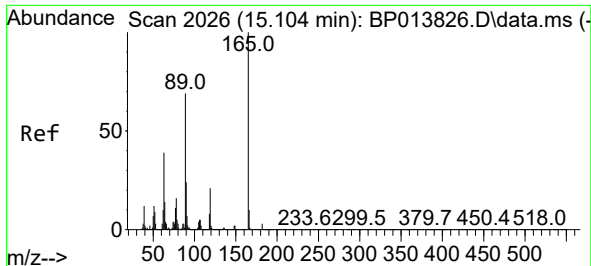
Tgt Ion:168 Resp: 1709403
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 42.729 ng
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:139 Resp: 263615
Ion Ratio Lower Upper
139 100
109 81.7 58.2 98.2
65 94.3 74.9 114.9

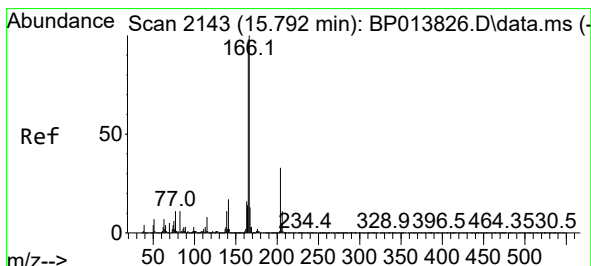
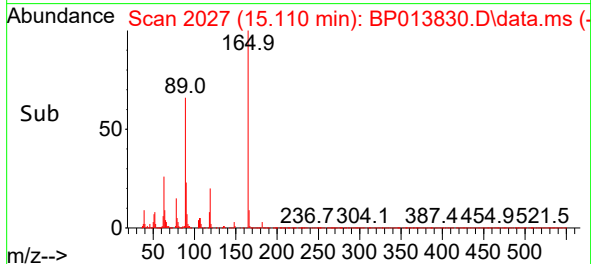
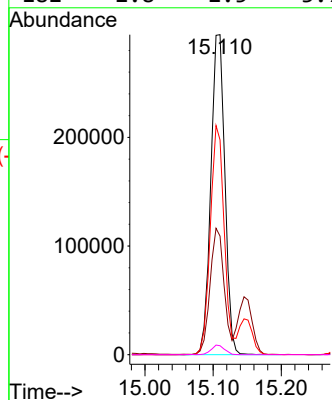
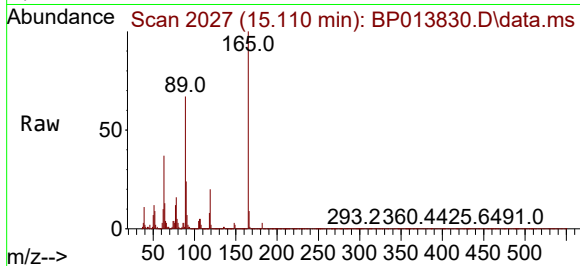




#57
2,4-Dinitrotoluene
Concen: 41.857 ng
RT: 15.110 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

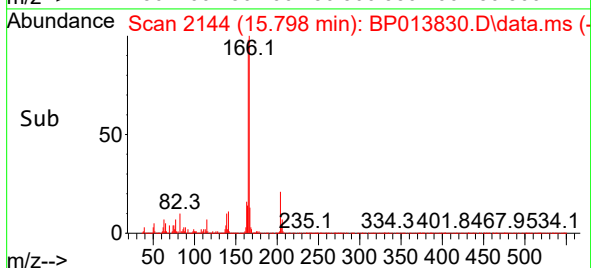
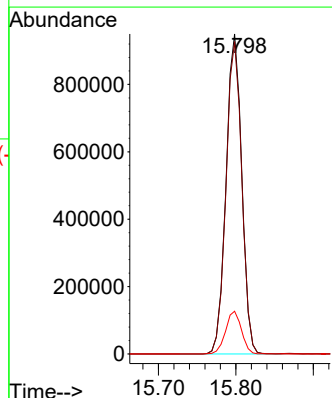
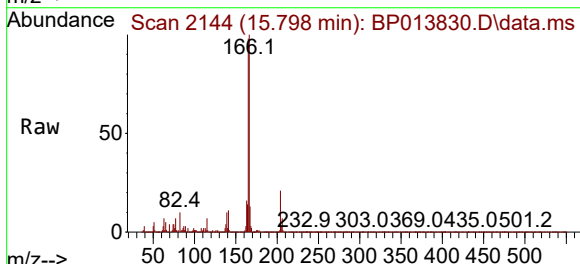
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

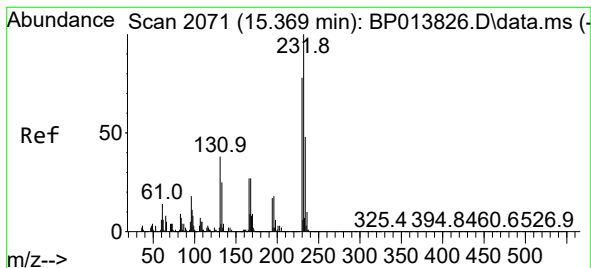
Tgt Ion:165 Resp: 421923
Ion Ratio Lower Upper
165 100
63 37.0 31.1 46.7
89 67.1 54.9 82.3
182 2.8 2.5 3.7



#58
Fluorene
Concen: 40.869 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:166 Resp: 1335805
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.690 ng

RT: 15.369 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

Tgt Ion:232 Resp: 417966

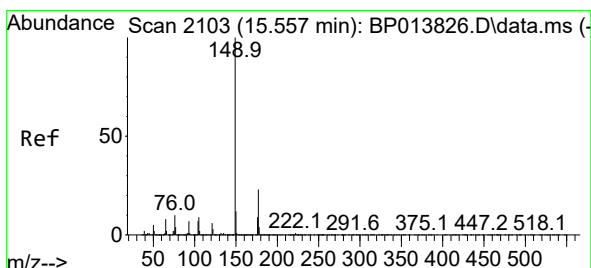
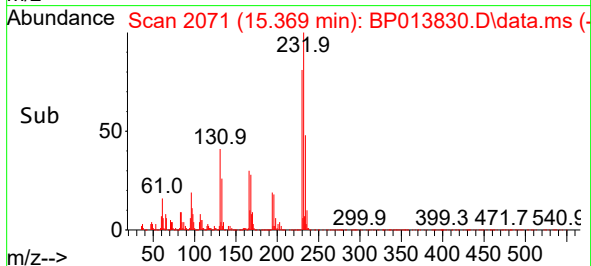
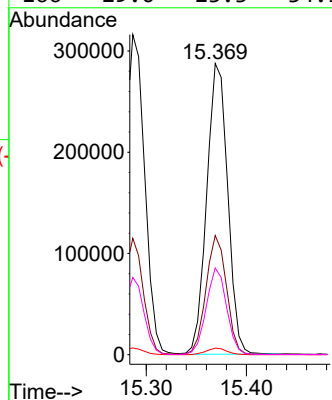
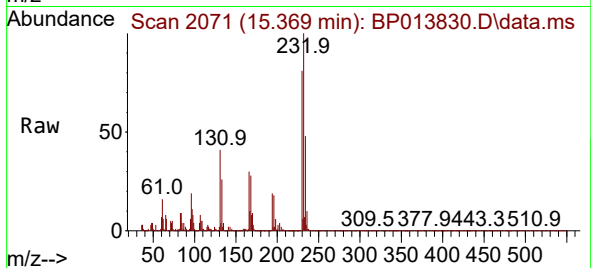
Ion Ratio Lower Upper

232 100

131 40.2 31.7 47.5

130 2.2 1.7 2.5

166 29.0 23.3 34.9



#60

Diethylphthalate

Concen: 42.670 ng

RT: 15.563 min Scan# 2104

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

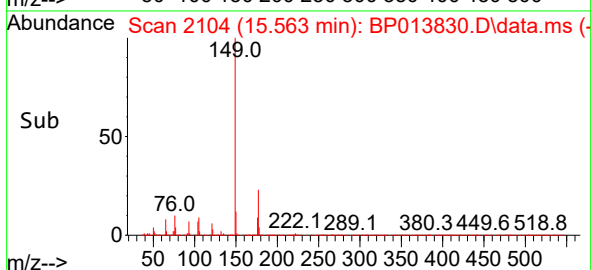
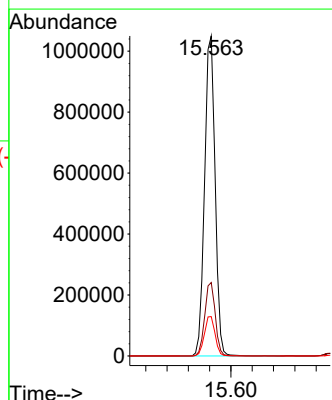
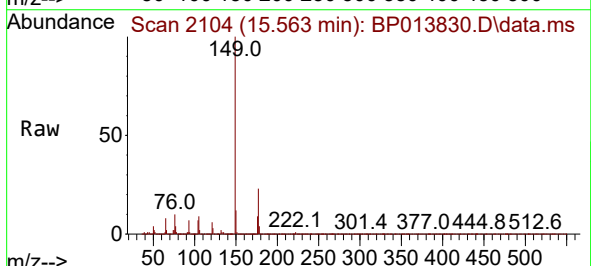
Tgt Ion:149 Resp: 1436068

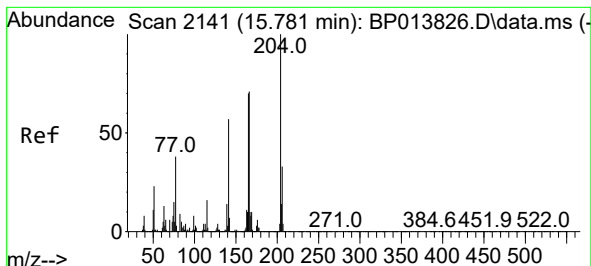
Ion Ratio Lower Upper

149 100

177 23.0 18.4 27.6

150 12.3 9.8 14.8

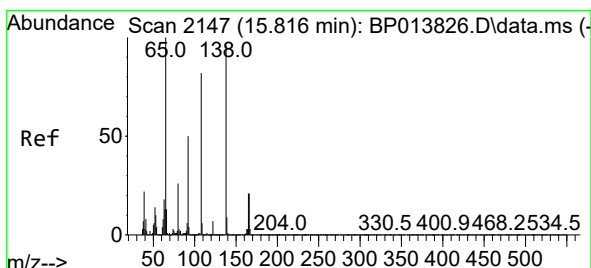
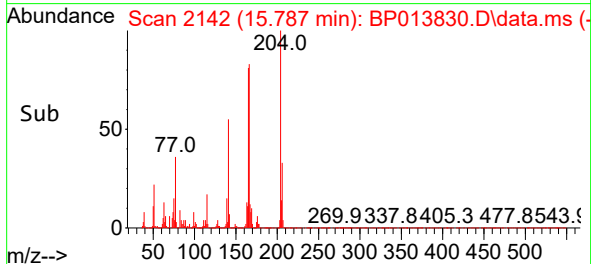
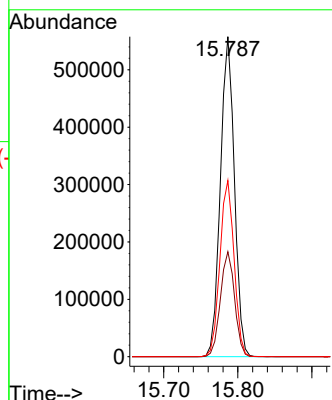
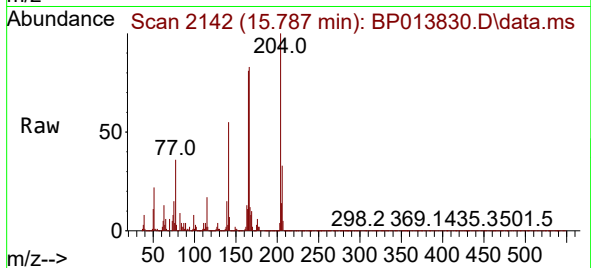




#61
4-Chlorophenyl-phenylether
Concen: 41.319 ng
RT: 15.787 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

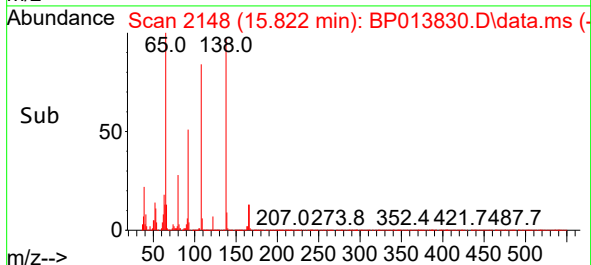
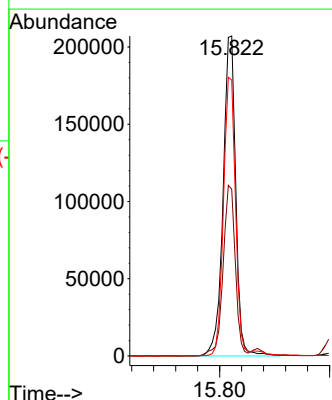
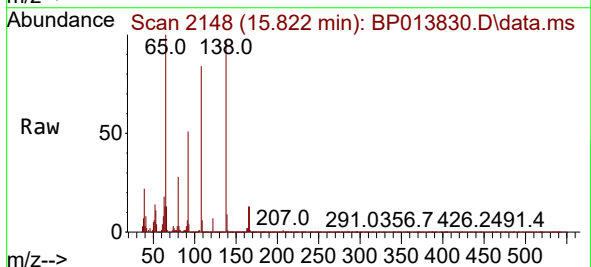
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

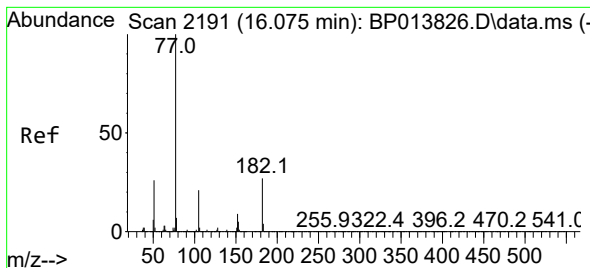
Tgt Ion:204 Resp: 731744
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 55.1 45.3 67.9



#62
4-Nitroaniline
Concen: 41.304 ng
RT: 15.822 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:138 Resp: 330603
Ion Ratio Lower Upper
138 100
92 52.1 32.0 72.0
108 86.2 65.6 105.6





#63

Azobenzene

Concen: 42.659 ng

RT: 16.081 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

Tgt Ion: 77 Resp: 1298945

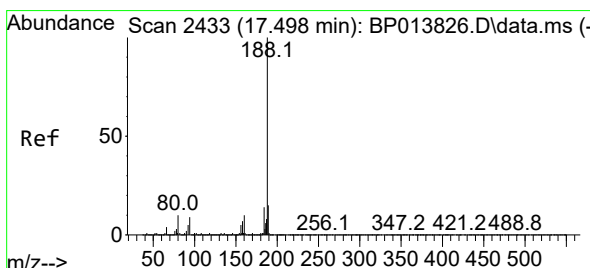
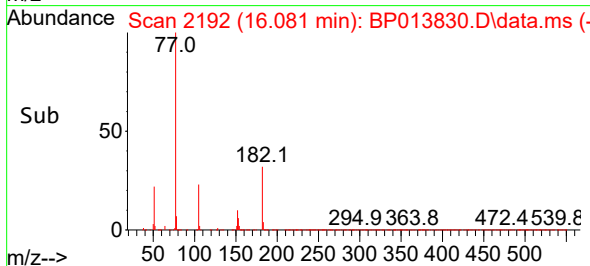
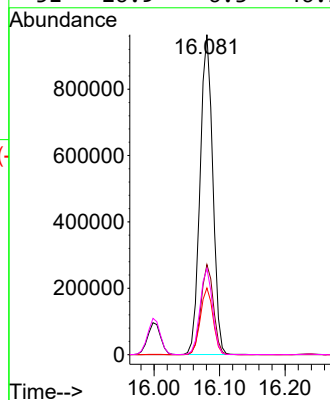
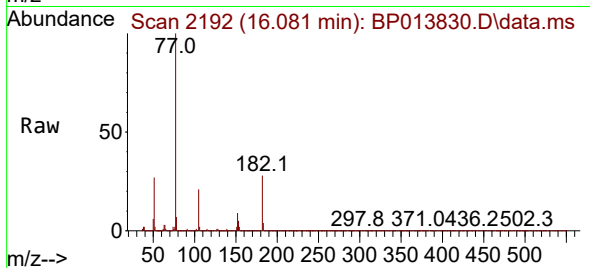
Ion Ratio Lower Upper

77 100

182 28.2 6.9 46.9

105 20.9 1.1 41.1

51 26.9 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

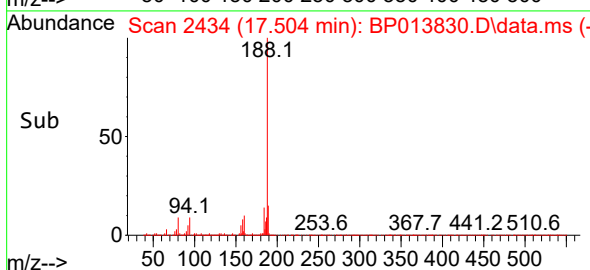
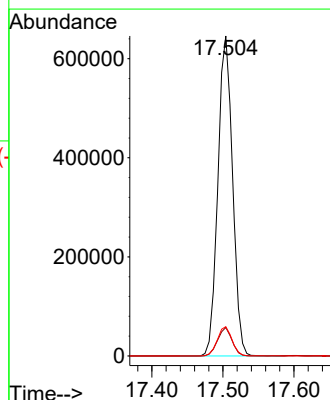
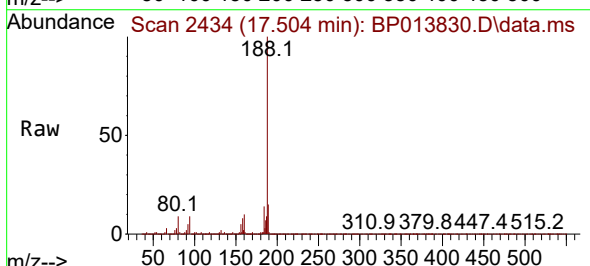
Tgt Ion: 188 Resp: 925996

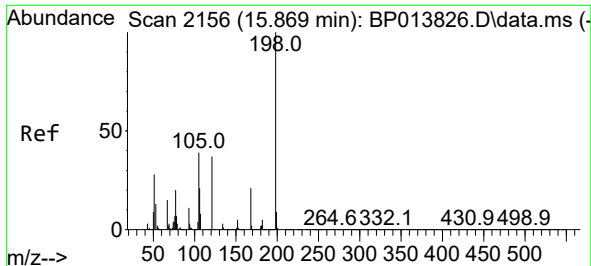
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.1 7.8 11.8

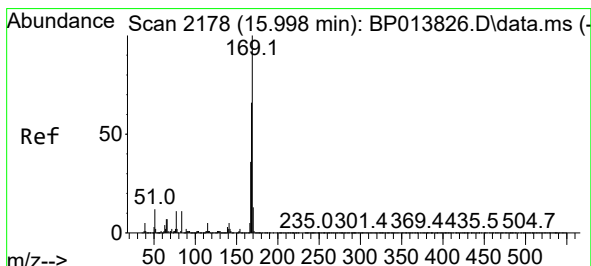
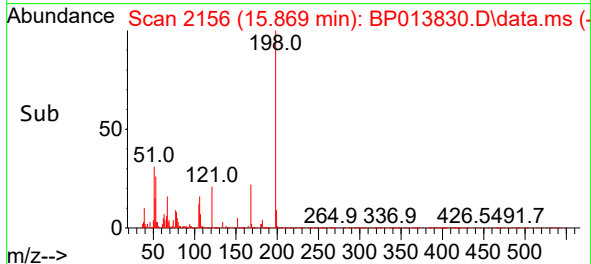
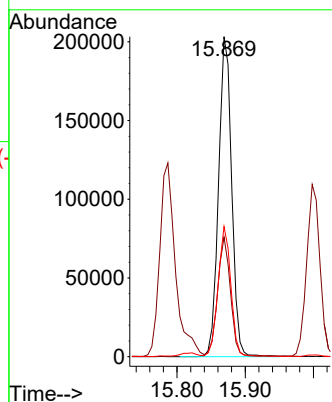
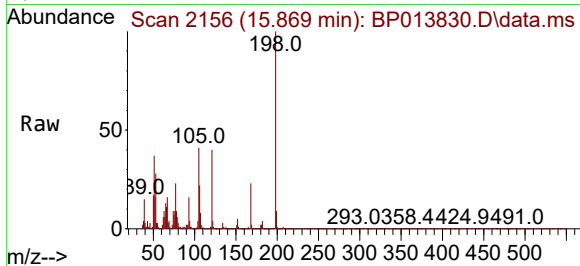




#65
4,6-Dinitro-2-methylphenol
Concen: 42.260 ng
RT: 15.869 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

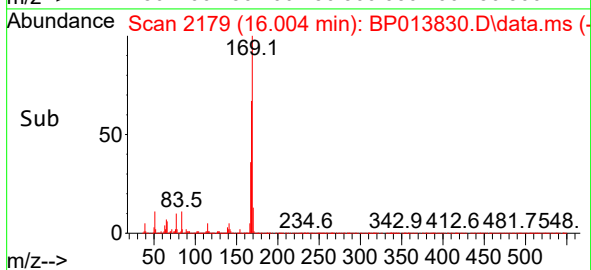
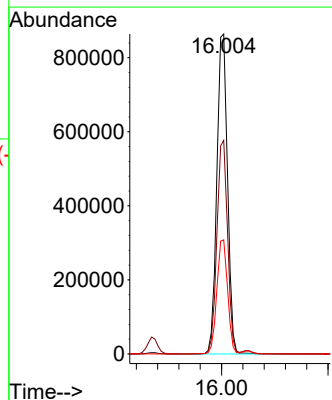
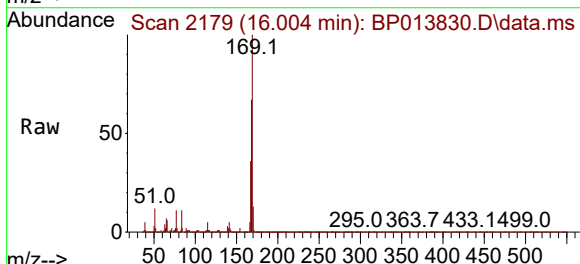
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

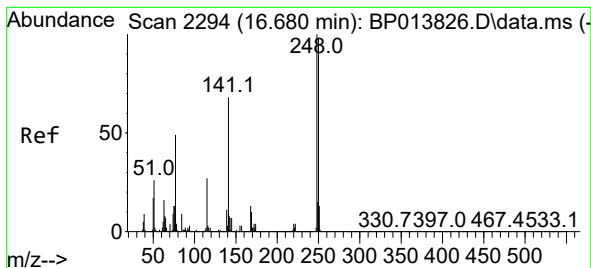
Tgt Ion:198 Resp: 271990
Ion Ratio Lower Upper
198 100
51 37.4 14.3 54.3
105 40.7 20.5 60.5



#66
n-Nitrosodiphenylamine
Concen: 42.862 ng
RT: 16.004 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:169 Resp: 1202201
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 35.6 29.0 43.4

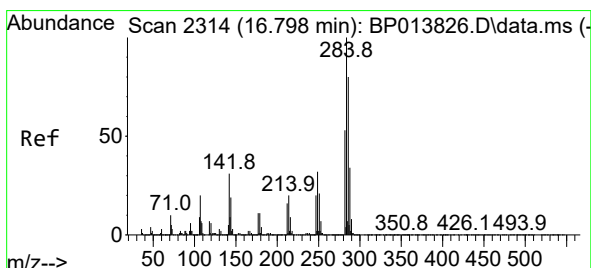
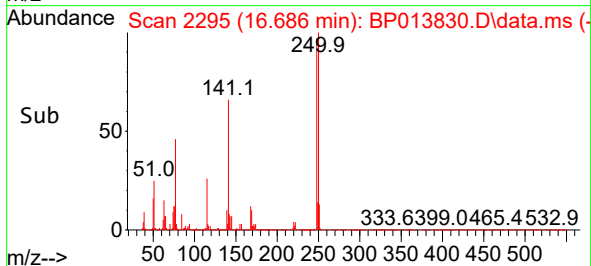
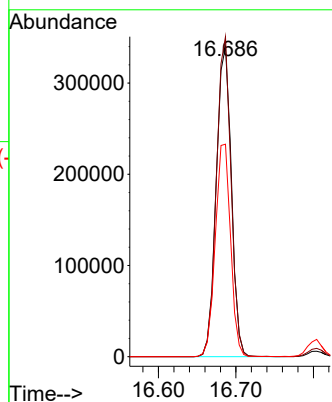
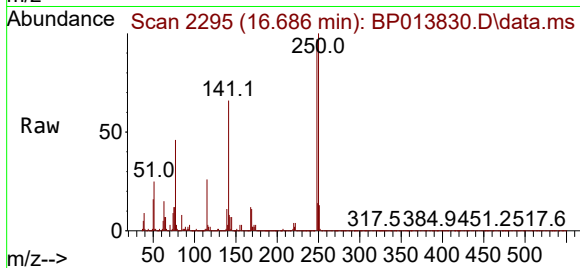




#67
4-Bromophenyl-phenylether
Concen: 42.196 ng
RT: 16.686 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

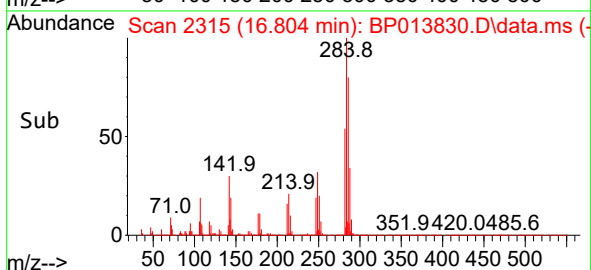
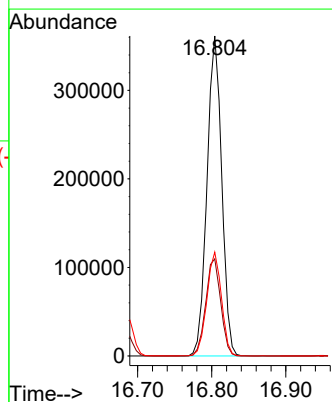
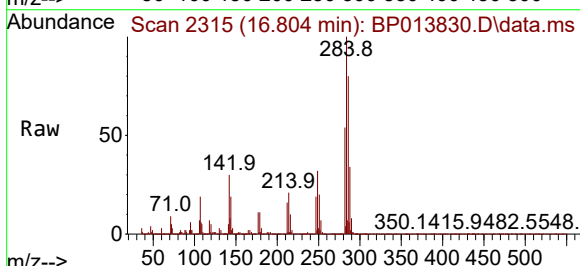
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

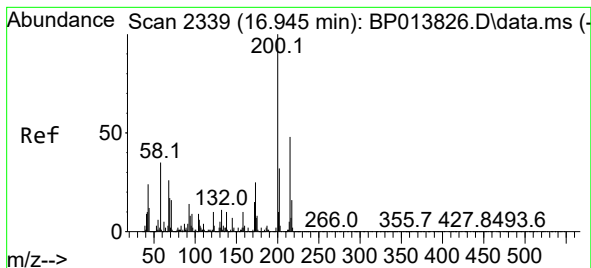
Tgt Ion:248 Resp: 461186
Ion Ratio Lower Upper
248 100
250 103.1 78.1 117.1
141 68.5 54.3 81.5



#68
Hexachlorobenzene
Concen: 41.755 ng
RT: 16.804 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:284 Resp: 498167
Ion Ratio Lower Upper
284 100
142 30.3 24.8 37.2
249 32.5 25.8 38.6





#69

Atrazine

Concen: 44.012 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

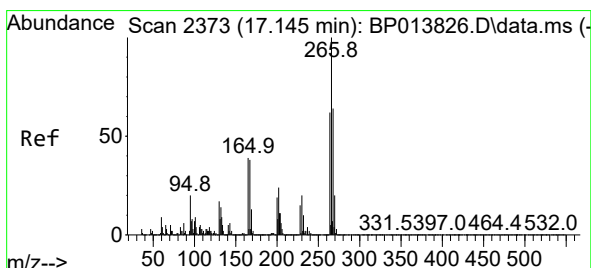
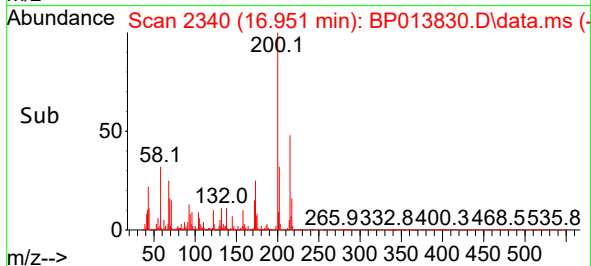
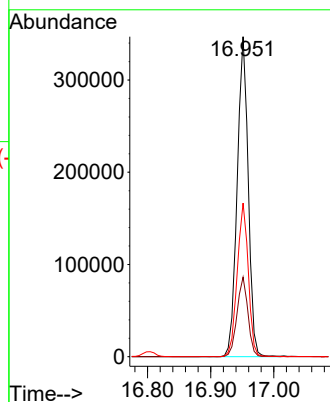
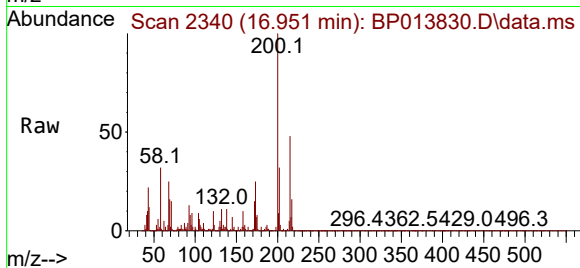
Tgt Ion:200 Resp: 420886

Ion Ratio Lower Upper

200 100

173 24.9 5.2 45.2

215 48.0 28.4 68.4



#70

Pentachlorophenol

Concen: 44.944 ng

RT: 17.145 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

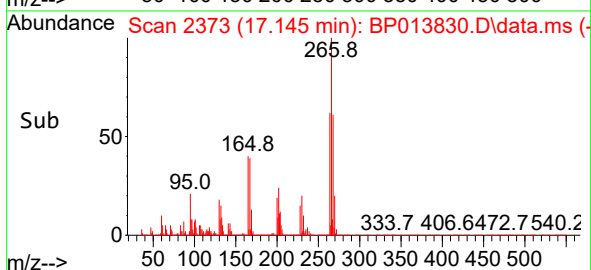
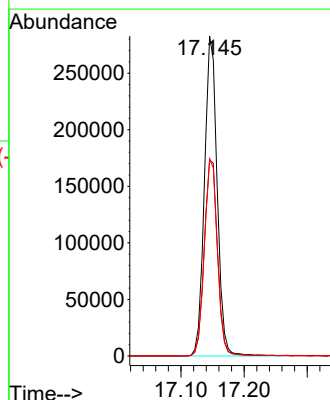
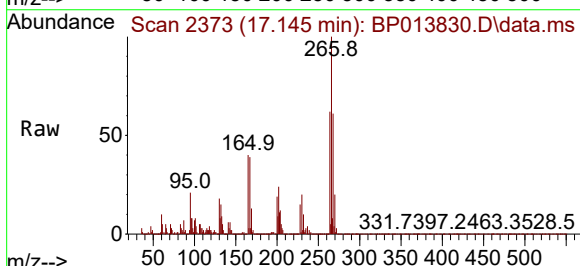
Tgt Ion:266 Resp: 395332

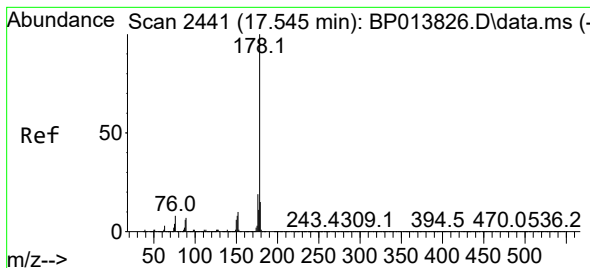
Ion Ratio Lower Upper

266 100

268 61.3 50.9 76.3

264 61.7 49.4 74.0





#71

Phenanthrene

Concen: 40.420 ng

RT: 17.545 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

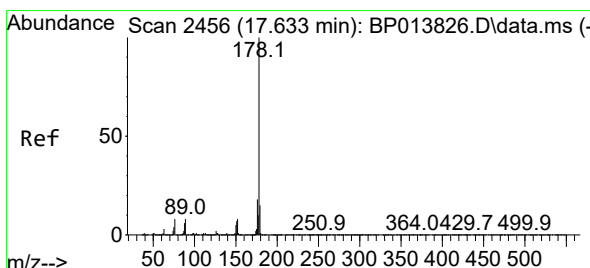
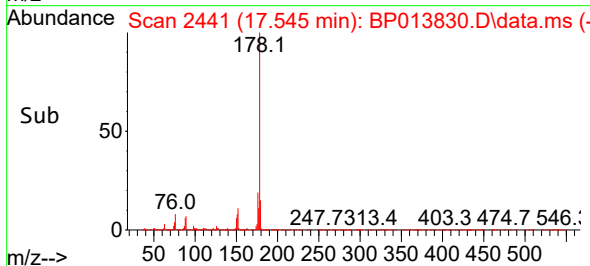
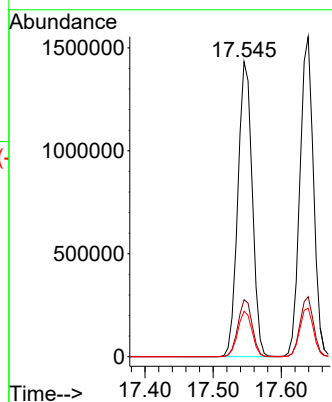
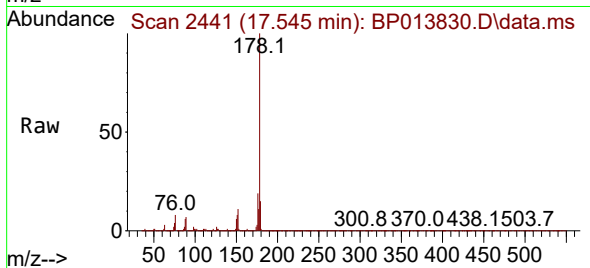
Tgt Ion:178 Resp: 2096809

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.4 12.2 18.4



#72

Anthracene

Concen: 41.694 ng

RT: 17.639 min Scan# 2457

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

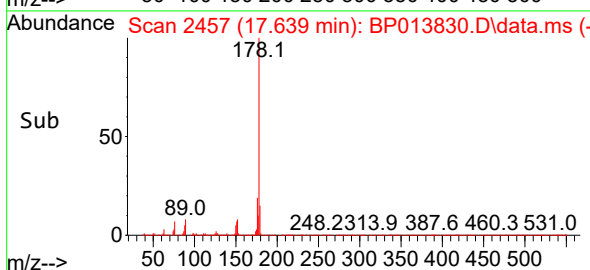
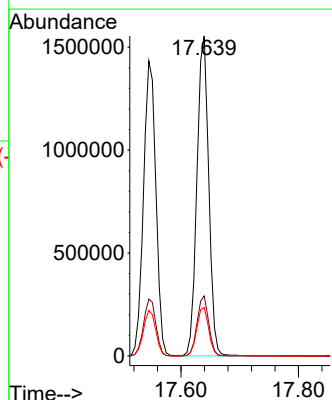
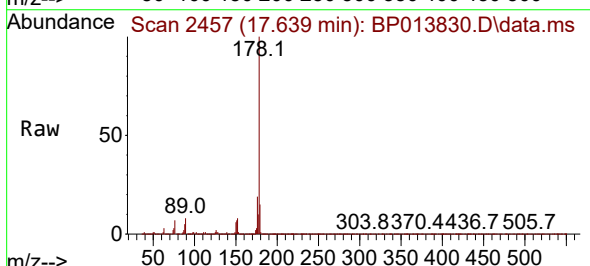
Tgt Ion:178 Resp: 2162700

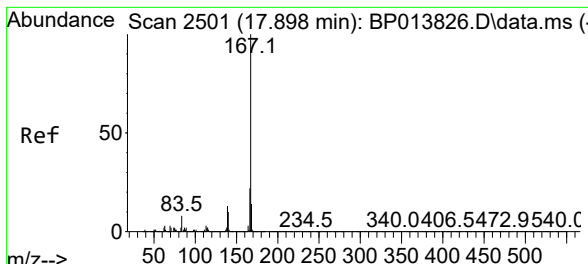
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.2 12.4 18.6



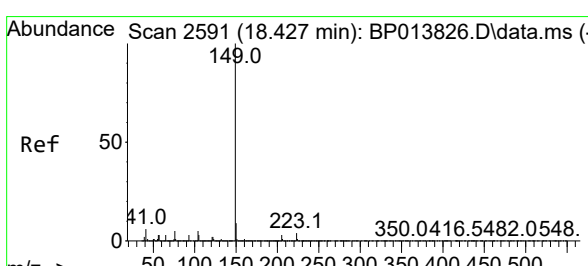
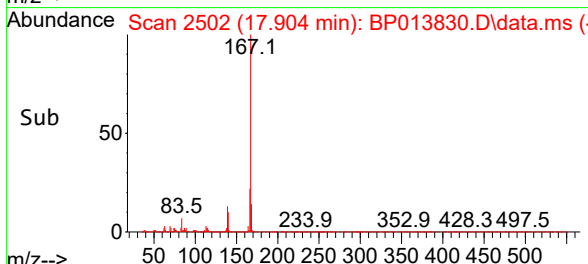
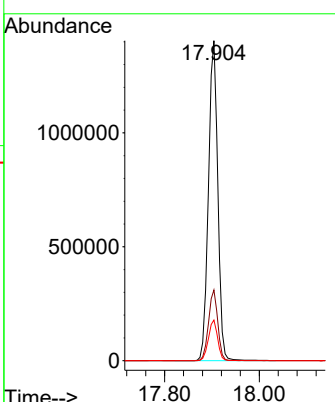
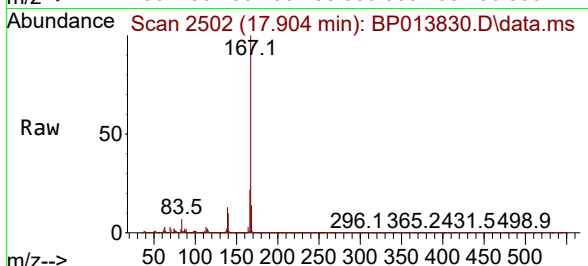


#73
 Carbazole
 Concen: 41.303 ng
 RT: 17.904 min Scan# 2502
 Delta R.T. 0.006 min
 Lab File: BP013830.D
 Acq: 16 Feb 2023 16:24

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP021623

Tgt Ion:167 Resp: 1928776

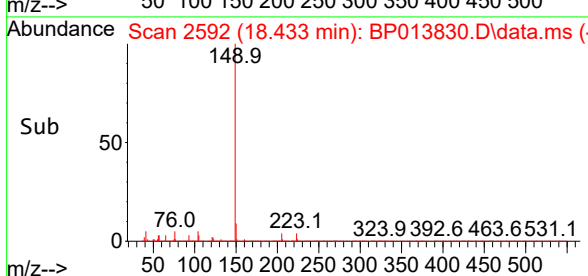
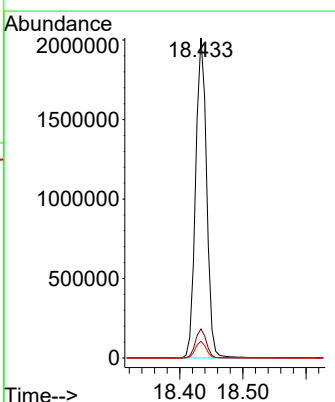
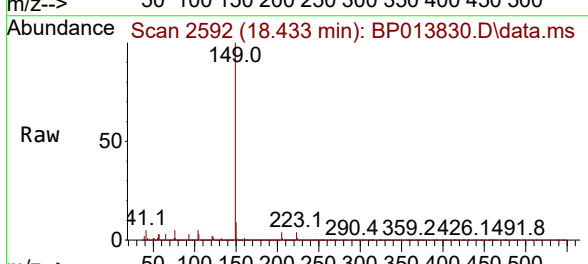
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.7	10.2	15.2

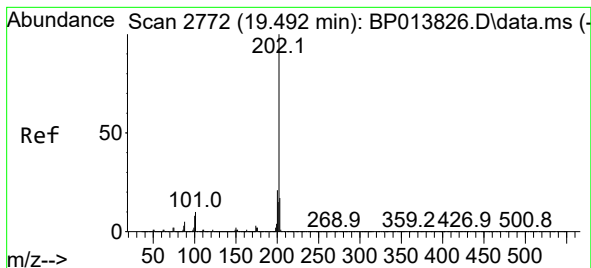


#74
 Di-n-butylphthalate
 Concen: 44.598 ng
 RT: 18.433 min Scan# 2592
 Delta R.T. 0.006 min
 Lab File: BP013830.D
 Acq: 16 Feb 2023 16:24

Tgt Ion:149 Resp: 2440089

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 41.508 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

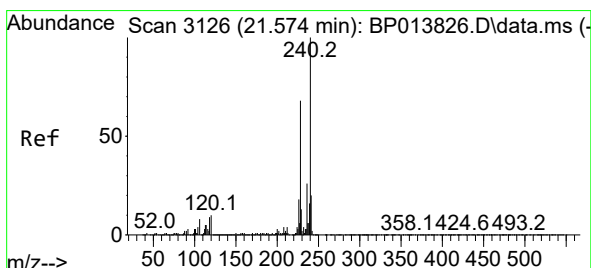
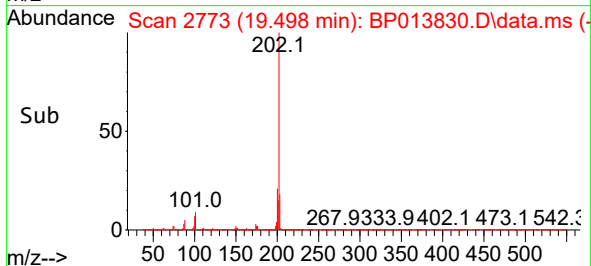
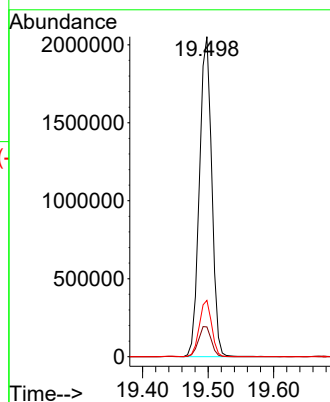
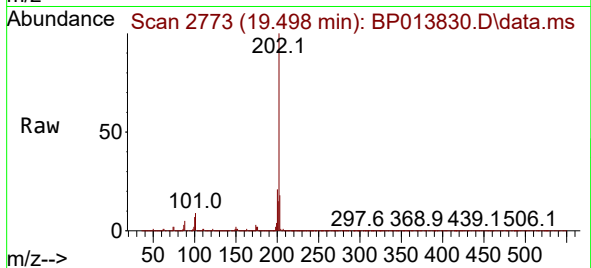
Tgt Ion:202 Resp: 2684315

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

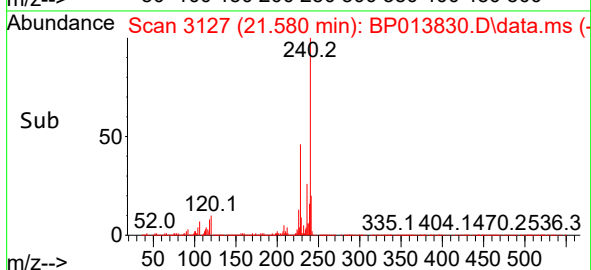
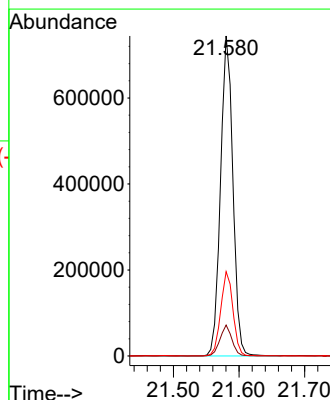
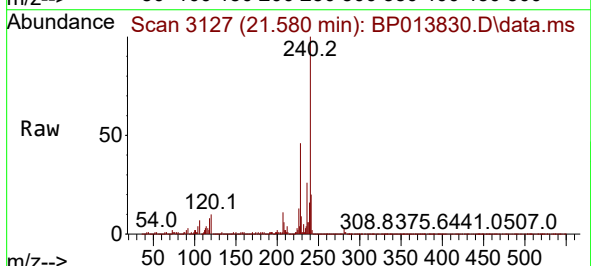
Tgt Ion:240 Resp: 968895

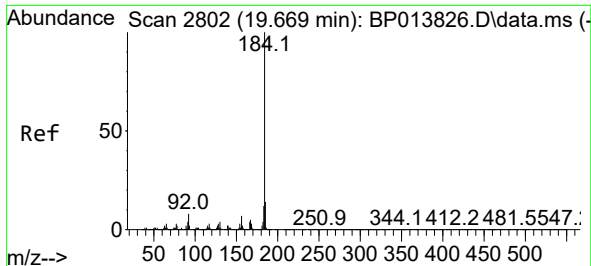
Ion Ratio Lower Upper

240 100

120 9.6 7.9 11.9

236 26.3 20.9 31.3

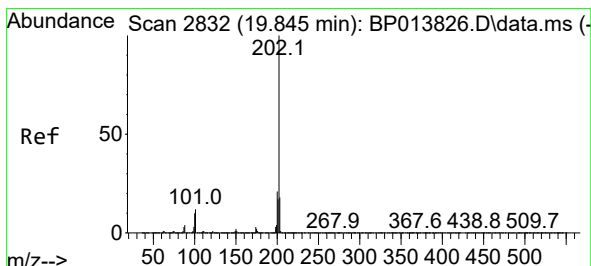
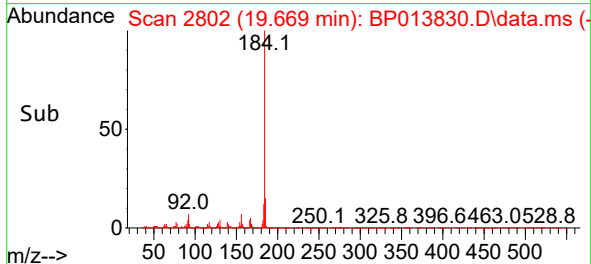
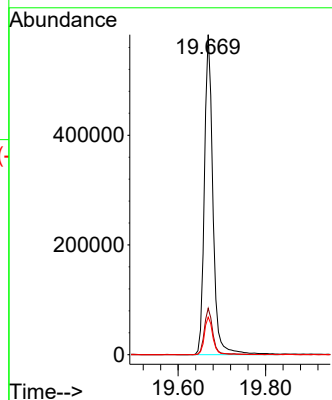
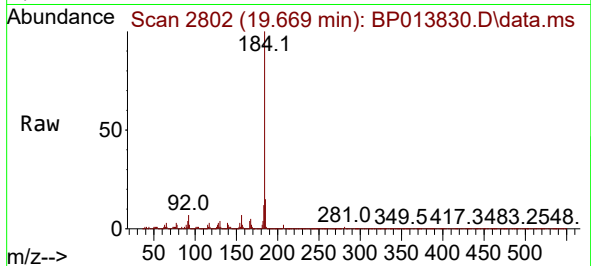




#77
Benzidine
Concen: 40.534 ng
RT: 19.669 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

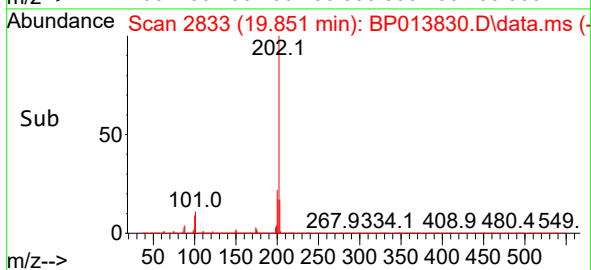
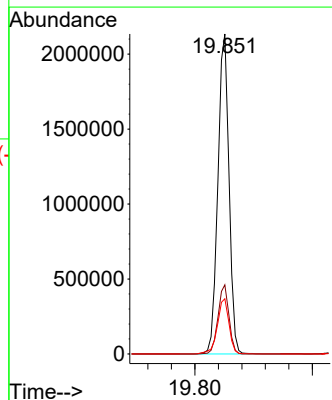
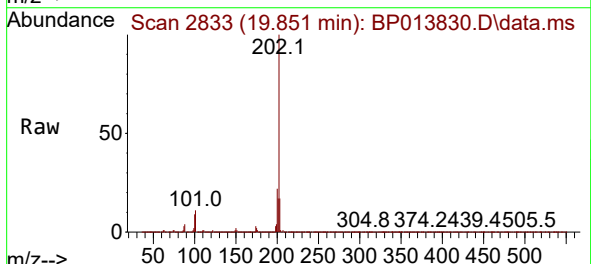
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

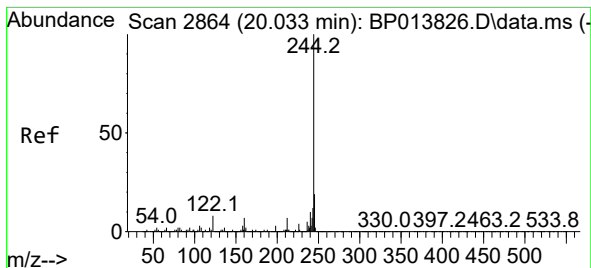
Tgt Ion:184 Resp: 795206
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.8 9.6 14.4



#78
Pyrene
Concen: 42.326 ng
RT: 19.851 min Scan# 2833
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:202 Resp: 2802470
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 84.319 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

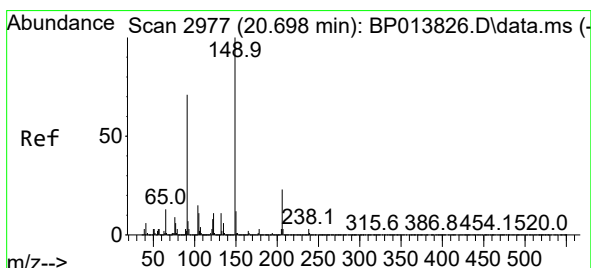
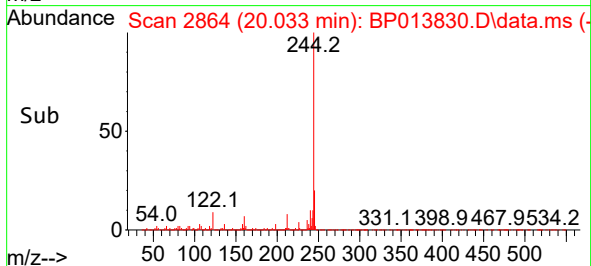
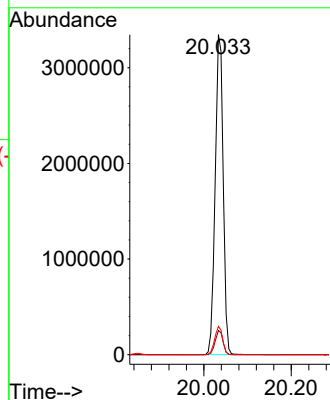
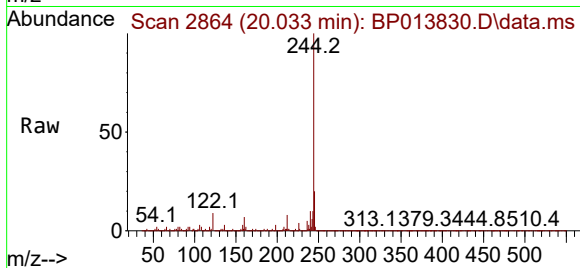
Tgt Ion:244 Resp: 4246160

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 8.8 6.7 10.1



#80

Butylbenzylphthalate

Concen: 44.287 ng

RT: 20.704 min Scan# 2978

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

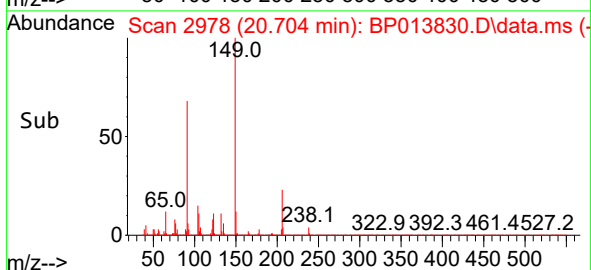
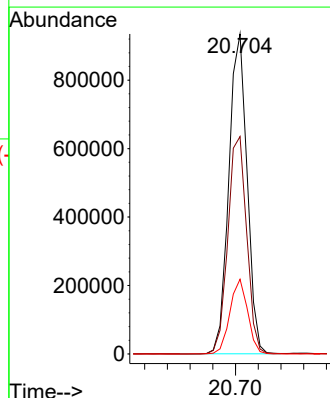
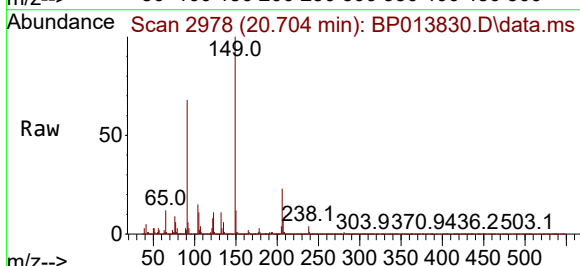
Tgt Ion:149 Resp: 1042207

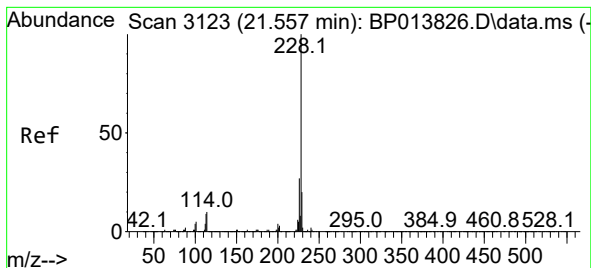
Ion Ratio Lower Upper

149 100

91 68.0 56.8 85.2

206 23.3 18.1 27.1





#81

Benzo(a)anthracene

Concen: 41.366 ng

RT: 21.563 min Scan# 3123

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

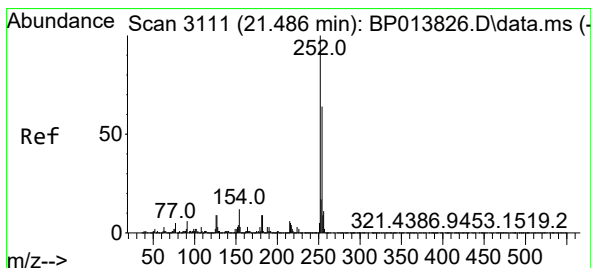
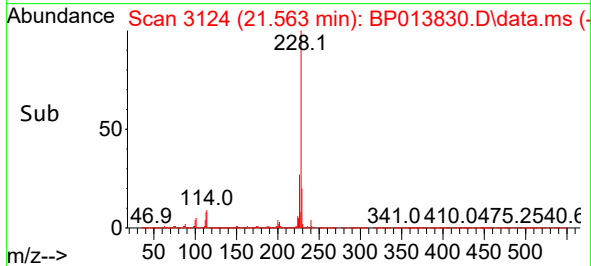
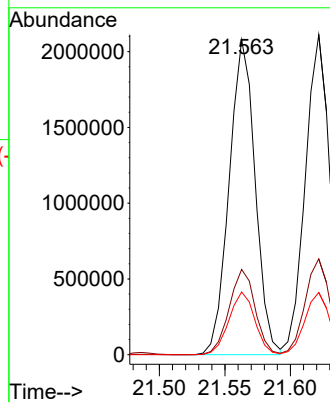
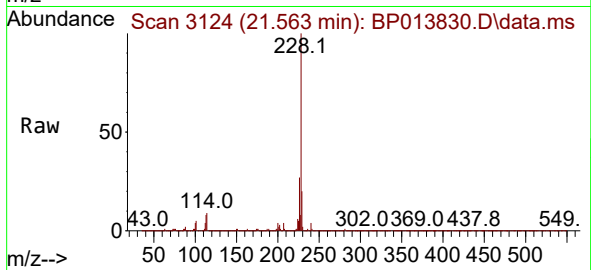
Tgt Ion:228 Resp: 2870066

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.052 ng

RT: 21.486 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

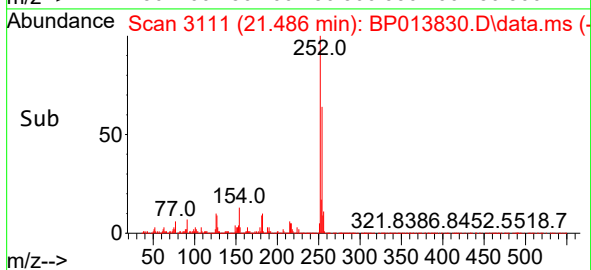
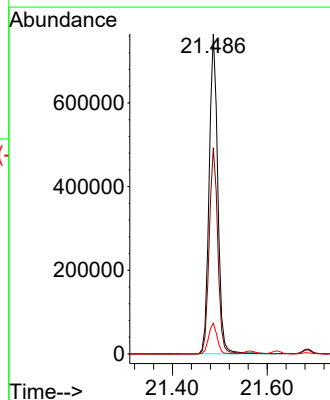
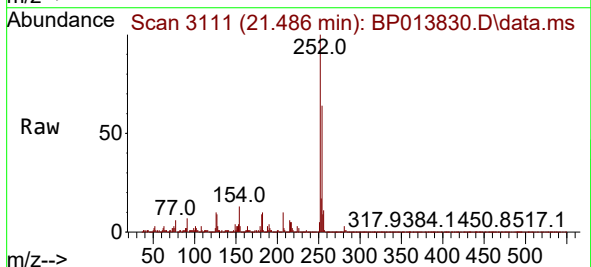
Tgt Ion:252 Resp: 961584

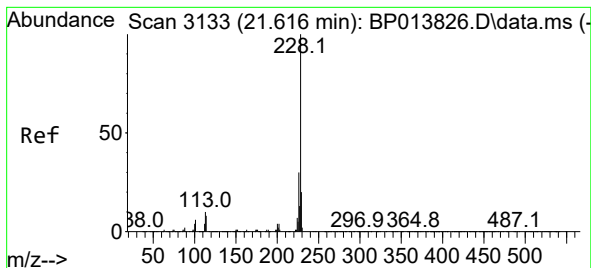
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 9.6 7.4 11.0





#83

Chrysene

Concen: 40.762 ng

RT: 21.622 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

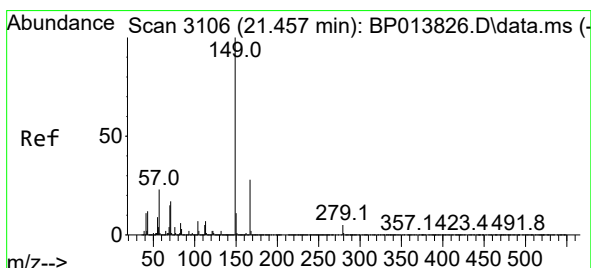
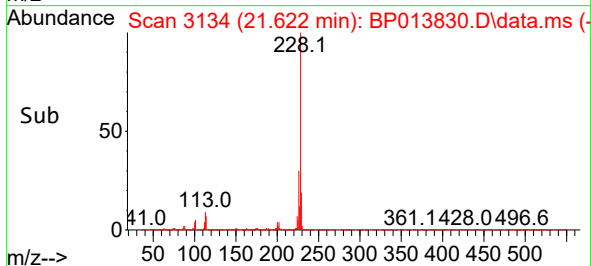
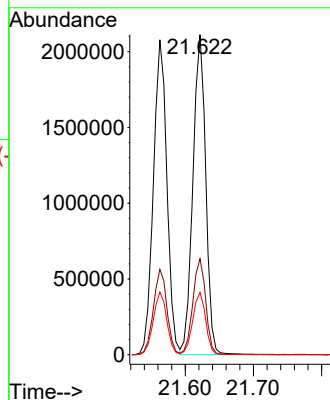
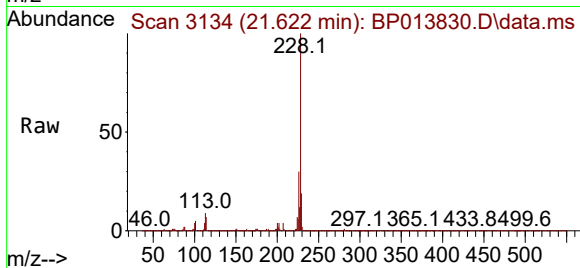
Tgt Ion:228 Resp: 2739732

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.572 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

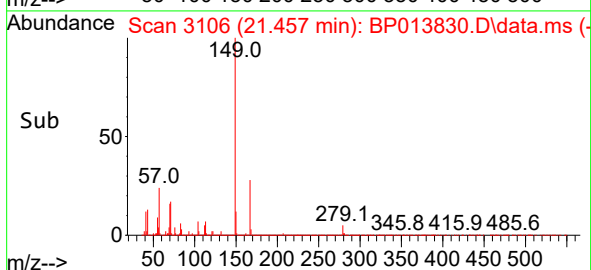
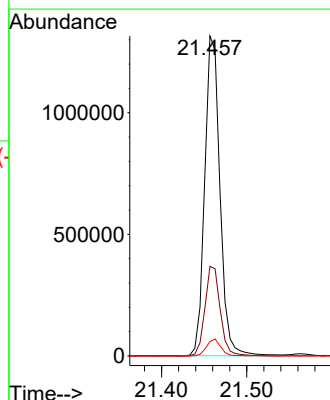
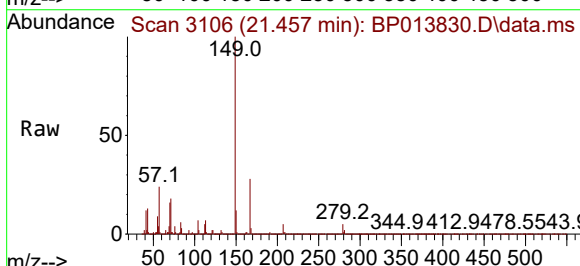
Tgt Ion:149 Resp: 1635319

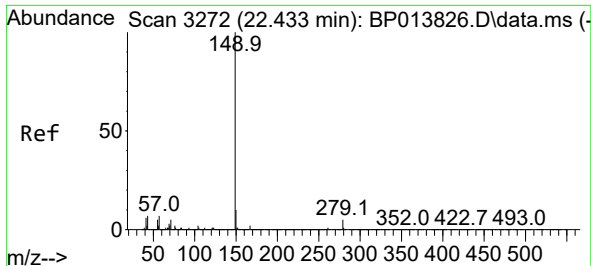
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.5 3.9 5.9

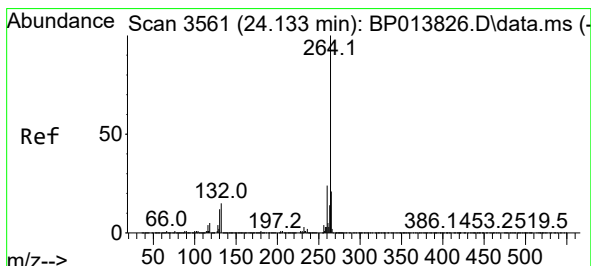
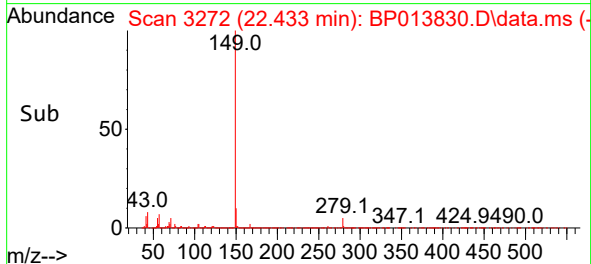
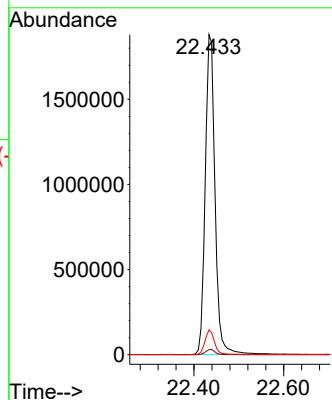
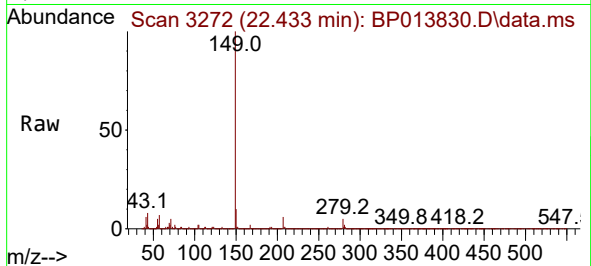




#85
Di-n-octyl phthalate
Concen: 43.327 ng
RT: 22.433 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

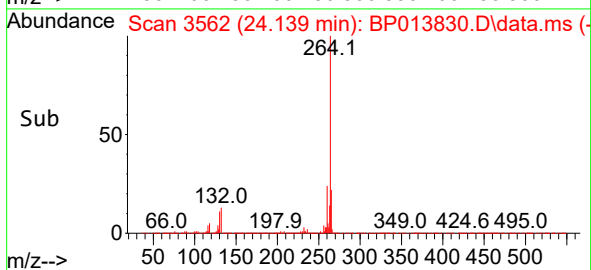
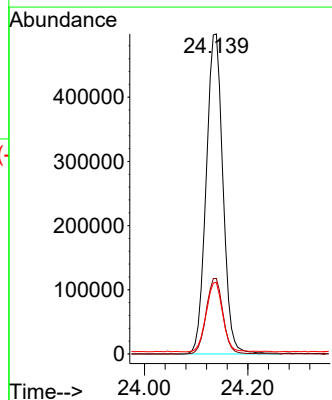
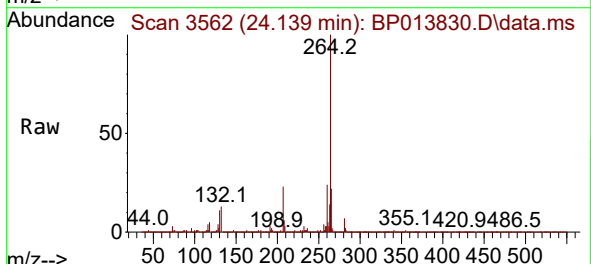
Instrument :
BNA_P
ClientSampleId :
ICVBP021623

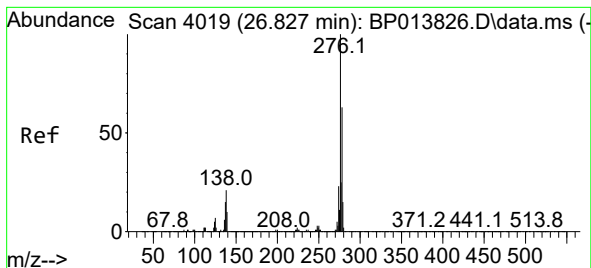
Tgt Ion:149 Resp: 2832563
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.139 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BP013830.D
Acq: 16 Feb 2023 16:24

Tgt Ion:264 Resp: 1122422
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.0
265 22.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.599 ng

RT: 26.833 min Scan# 4019

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

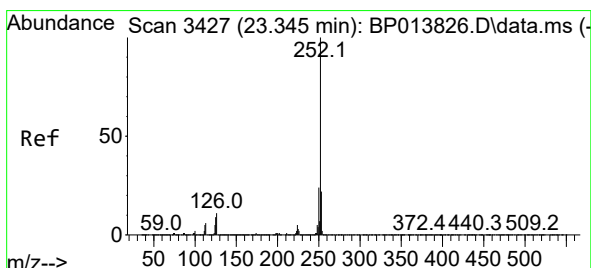
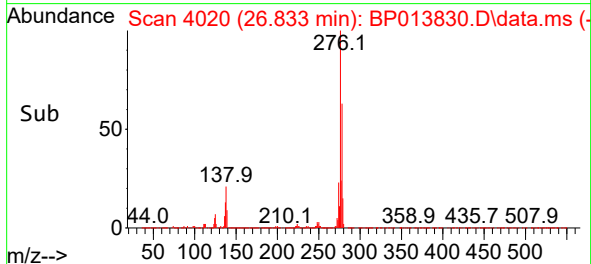
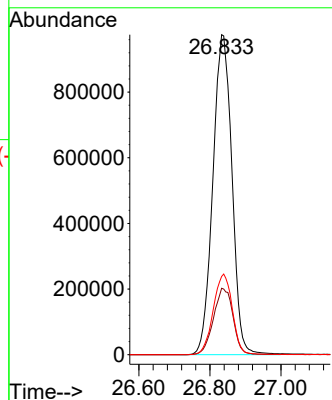
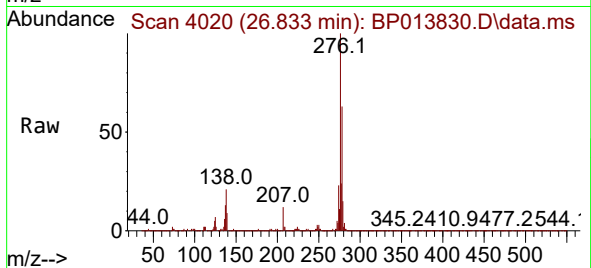
Tgt Ion:276 Resp: 3632198

Ion Ratio Lower Upper

276 100

138 21.3 17.8 26.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.935 ng

RT: 23.351 min Scan# 3428

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

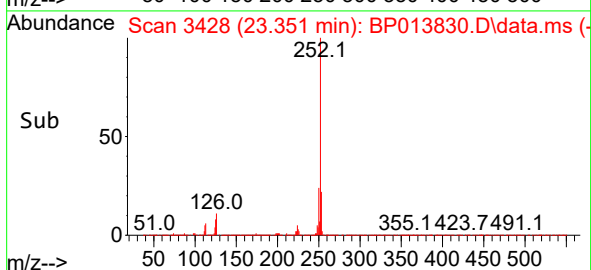
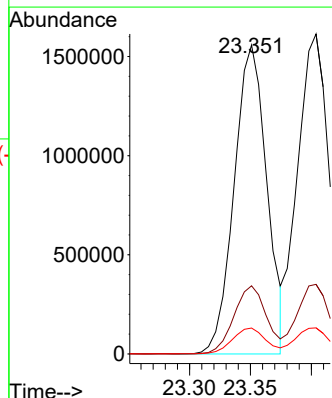
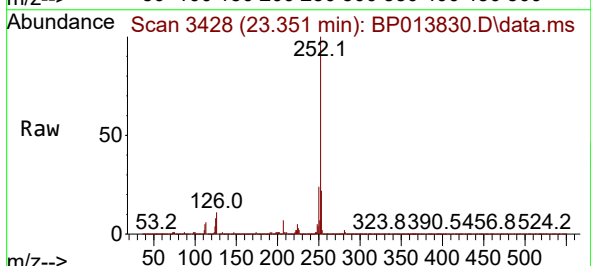
Tgt Ion:252 Resp: 2905867

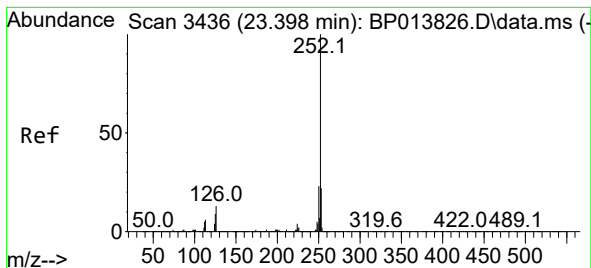
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.136 ng

RT: 23.404 min Scan# 3436

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

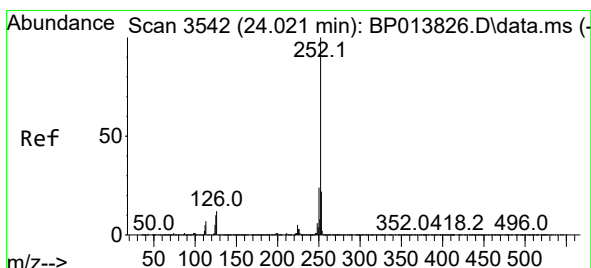
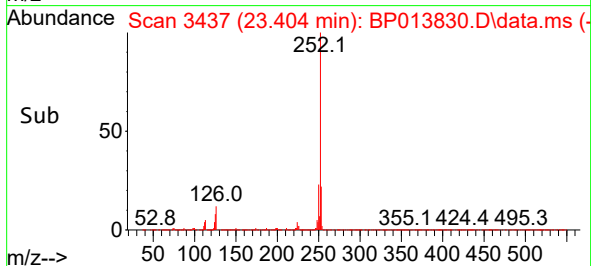
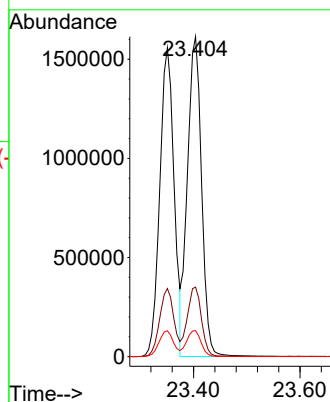
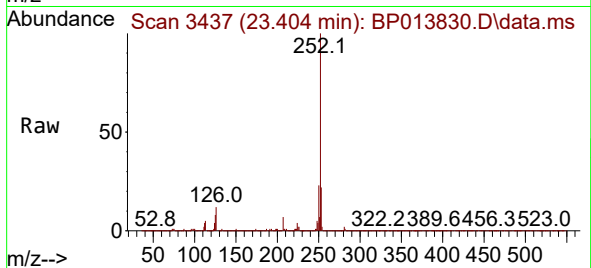
Tgt Ion:252 Resp: 2964214

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.2 7.0 10.4



#90

Benzo(a)pyrene

Concen: 41.756 ng

RT: 24.021 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

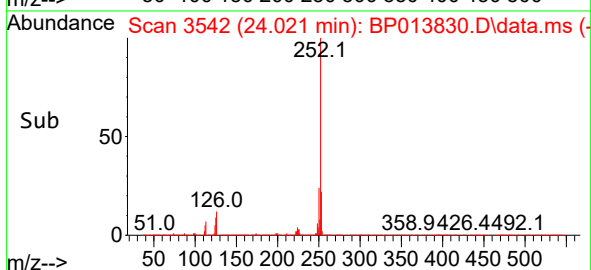
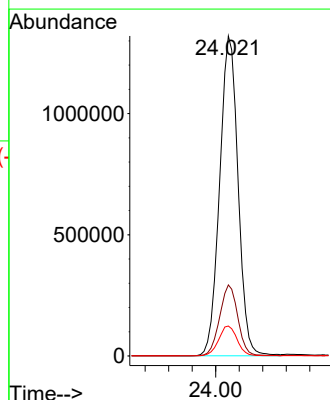
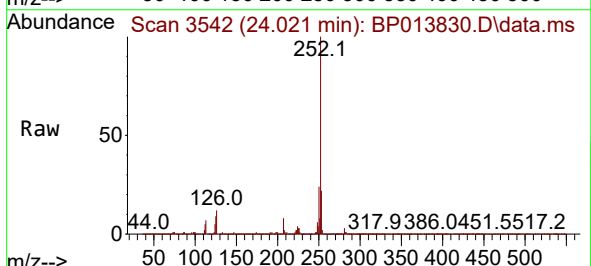
Tgt Ion:252 Resp: 2865668

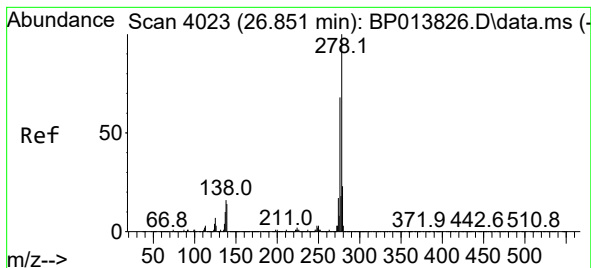
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.4 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 41.443 ng

RT: 26.857 min Scan# 4023

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Instrument :

BNA_P

ClientSampleId :

ICVBP021623

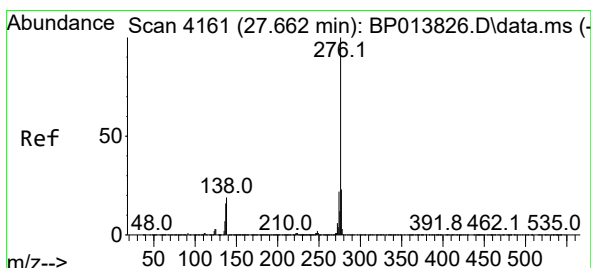
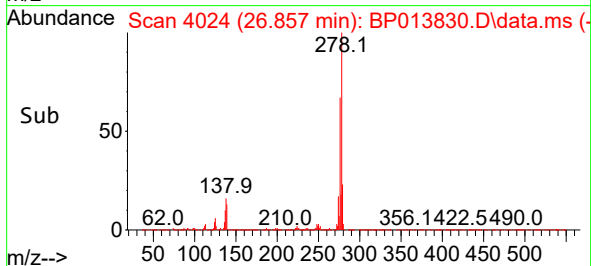
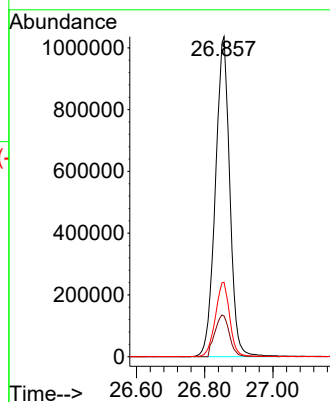
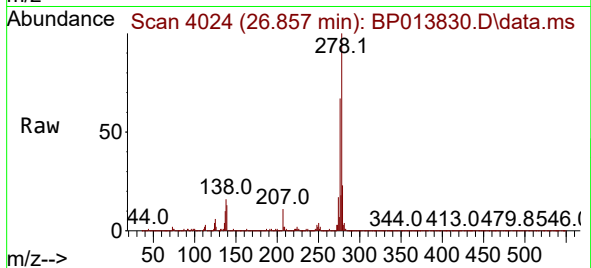
Tgt Ion:278 Resp: 3031772

Ion Ratio Lower Upper

278 100

139 12.7 11.0 16.6

279 23.3 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 41.543 ng

RT: 27.668 min Scan# 4162

Delta R.T. 0.006 min

Lab File: BP013830.D

Acq: 16 Feb 2023 16:24

Tgt Ion:276 Resp: 3005110

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 17.6 15.5 23.3

