

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016493.D
 Acq On : 03 Aug 2023 15:41
 Operator : MA/JU
 Sample : PB154350BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154350BS

Quant Time: Aug 03 16:11:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	375598	20.000	ng	-0.02
21) Naphthalene-d8	10.905	136	1436103	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	787337	20.000	ng	-0.01
64) Phenanthrene-d10	17.487	188	1600875	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1401035	20.000	ng	0.00
86) Perylene-d12	24.174	264	1601460	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3621169	157.286	ng	-0.02
7) Phenol-d6	7.217	99	4439681	140.688	ng	-0.01
23) Nitrobenzene-d5	9.269	82	2635977	102.749	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1461775	126.201	ng	-0.01
45) 2-Fluorobiphenyl	13.346	172	5440714	99.071	ng	-0.02
79) Terphenyl-d14	20.033	244	7403756	111.631	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	436409	48.602	ng	99
3) Pyridine	3.858	79	1169245	43.563	ng	99
4) n-Nitrosodimethylamine	3.787	42	489305	48.351	ng	95
6) Aniline	7.405	93	1532156	39.308	ng	99
8) 2-Chlorophenol	7.622	128	1269064	52.572	ng	96
9) Benzaldehyde	7.222	77	684590	50.066	ng	98
10) Phenol	7.240	94	1609315	52.514	ng	99
11) bis(2-Chloroethyl)ether	7.499	93	1255988	50.419	ng	99
12) 1,3-Dichlorobenzene	7.952	146	1391308	53.689	ng	98
13) 1,4-Dichlorobenzene	8.111	146	1407742	53.553	ng	99
14) 1,2-Dichlorobenzene	8.422	146	1340808	52.976	ng	99
15) Benzyl Alcohol	8.322	79	1061320	49.228	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1471750	52.095	ng	99
17) 2-Methylphenol	8.505	107	1047476	47.427	ng	99
18) Hexachloroethane	9.146	117	508661	54.249	ng	95
19) n-Nitroso-di-n-propyla...	8.893	70	877359	44.379	ng	98
20) 3+4-Methylphenols	8.840	107	1390997	46.373	ng	99
22) Acetophenone	8.916	105	1805604	49.797	ng	# 100
24) Nitrobenzene	9.311	77	1342376	50.944	ng	98
25) Isophorone	9.828	82	2425422	46.828	ng	99
26) 2-Nitrophenol	10.016	139	597031	52.273	ng	96
27) 2,4-Dimethylphenol	10.052	122	1187488	51.247	ng	99
28) bis(2-Chloroethoxy)met...	10.316	93	1575242	49.651	ng	100
29) 2,4-Dichlorophenol	10.540	162	1100722	50.758	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	1187643	50.563	ng	99
31) Naphthalene	10.958	128	3685260	49.059	ng	100
32) Benzoic acid	10.181	122	718845	47.377	ng	99
33) 4-Chloroaniline	11.081	127	938237	27.689	ng	100
34) Hexachlorobutadiene	11.193	225	669494	48.144	ng	99
35) Caprolactam	11.899	113	354983	44.798	ng	99
36) 4-Chloro-3-methylphenol	12.175	107	1176046	48.788	ng	99
37) 2-Methylnaphthalene	12.552	142	2462335	45.121	ng	99
38) 1-Methylnaphthalene	12.769	142	2303907	45.032	ng	100
40) 1,2,4,5-Tetrachloroben...	12.899	216	1212885	50.692	ng	99
41) Hexachlorocyclopentadiene	12.857	237	1614573	134.360	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	820077	53.418	ng	99

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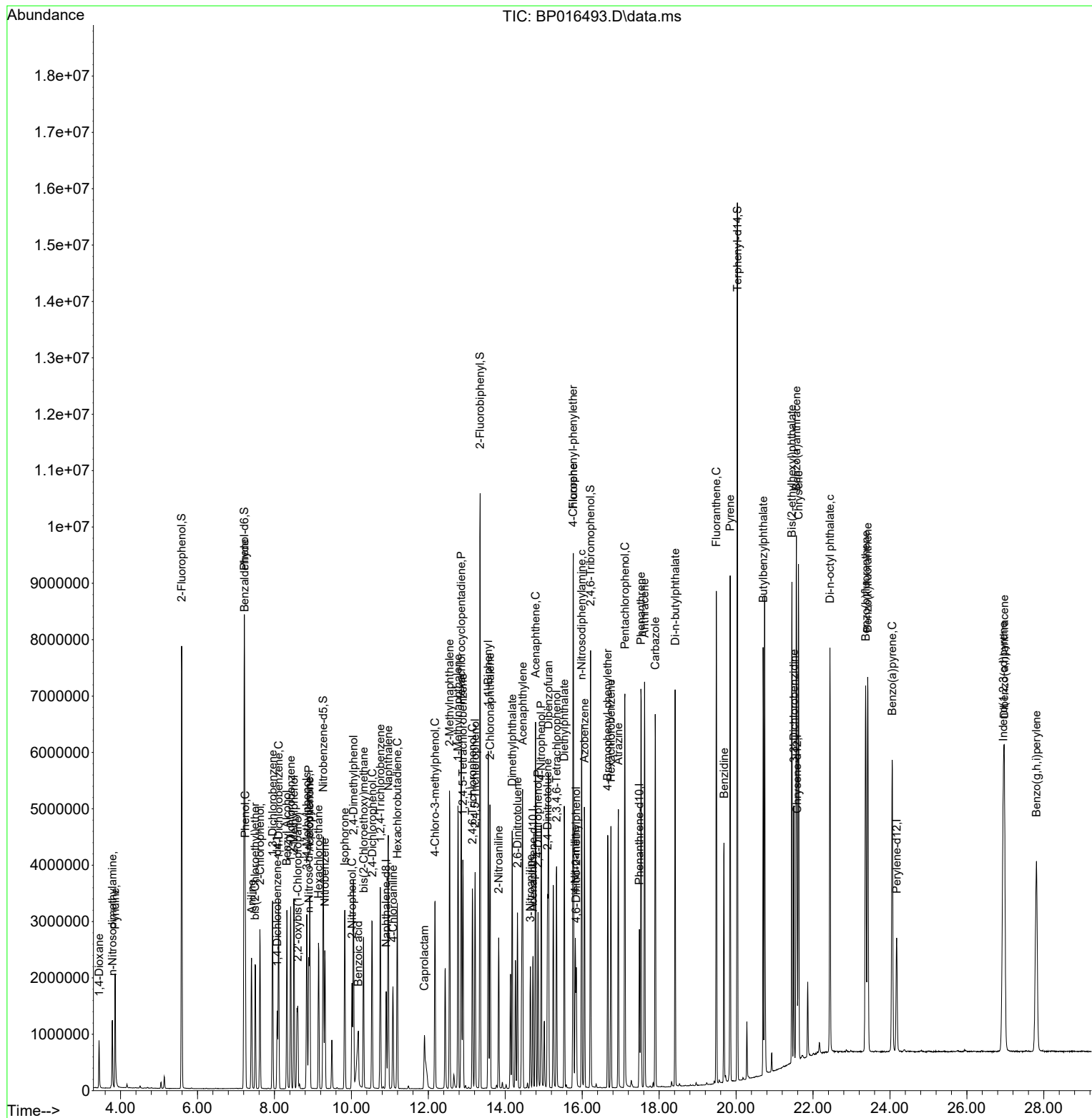
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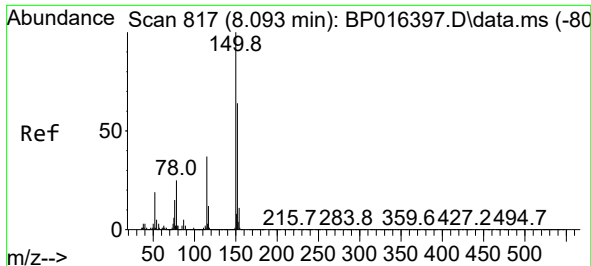
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 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	889989	47.783	ng	97
46) 1,1'-Biphenyl	13.557	154	3063125	51.037	ng	99
47) 2-Chloronaphthalene	13.604	162	2380097	52.565	ng	99
48) 2-Nitroaniline	13.828	65	687334	53.852	ng	99
49) Acenaphthylene	14.451	152	3762520	50.082	ng	99
50) Dimethylphthalate	14.181	163	2879723	46.936	ng	100
51) 2,6-Dinitrotoluene	14.316	165	636691	50.655	ng	95
52) Acenaphthene	14.787	154	2227333	49.857	ng	100
53) 3-Nitroaniline	14.651	138	541383	38.098	ng	94
54) 2,4-Dinitrophenol	14.851	184	627735	104.079	ng	98
55) Dibenzofuran	15.122	168	3525244	48.113	ng	99
56) 4-Nitrophenol	14.934	139	1274003	114.531	ng	97
57) 2,4-Dinitrotoluene	15.098	165	847259	51.722	ng	97
58) Fluorene	15.769	166	2741862	47.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	749779	48.936	ng	94
60) Diethylphthalate	15.534	149	2825255	46.336	ng	98
61) 4-Chlorophenyl-phenyle...	15.763	204	1335924	45.991	ng	97
62) 4-Nitroaniline	15.822	138	659778	46.785	ng	97
63) Azobenzene	16.057	77	2812725	48.856	ng	96
65) 4,6-Dinitro-2-methylph...	15.845	198	421505	55.150	ng	94
66) n-Nitrosodiphenylamine	15.987	169	2422421	51.345	ng	99
67) 4-Bromophenyl-phenylether	16.663	248	828379	48.868	ng	94
68) Hexachlorobenzene	16.745	284	938340	49.638	ng	95
69) Atrazine	16.940	200	846939	60.362	ng	98
70) Pentachlorophenol	17.110	266	1230213	94.041	ng	95
71) Phenanthrene	17.528	178	4310029	50.703	ng	99
72) Anthracene	17.622	178	4289856	50.188	ng	99
73) Carbazole	17.898	167	4082775	50.947	ng	99
74) Di-n-butylphthalate	18.416	149	4769952	51.448	ng	99
75) Fluoranthene	19.486	202	4867043	48.849	ng	97
77) Benzidine	19.686	184	2255447	92.852	ng	99
78) Pyrene	19.845	202	5034783	53.608	ng	100
80) Butylbenzylphthalate	20.704	149	2124221	57.572	ng	96
81) Benzo(a)anthracene	21.569	228	4823844	51.316	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	1368308	44.342	ng	99
83) Chrysene	21.622	228	4477142	49.876	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	3095676	55.884	ng	99
85) Di-n-octyl phthalate	22.439	149	5321309	57.117	ng	99
87) Indeno(1,2,3-cd)pyrene	26.945	276	5867930	54.349	ng	96
88) Benzo(b)fluoranthene	23.369	252	5074817	54.667	ng	99
89) Benzo(k)fluoranthene	23.422	252	4841031	51.276	ng	# 98
90) Benzo(a)pyrene	24.057	252	4432195	49.292	ng	98
91) Dibenzo(a,h)anthracene	26.974	278	4903233	54.456	ng	# 97
92) Benzo(g,h,i)perylene	27.810	276	4823688	55.593	ng	97

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

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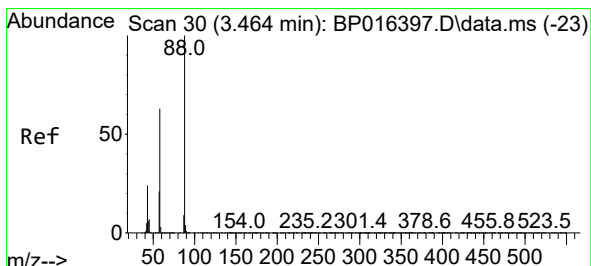
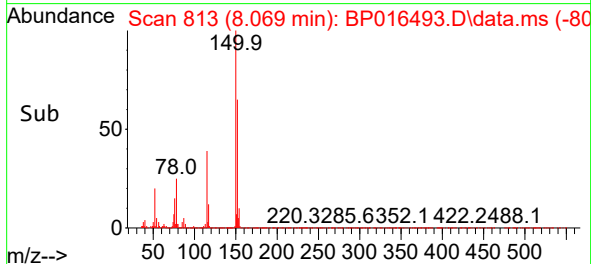
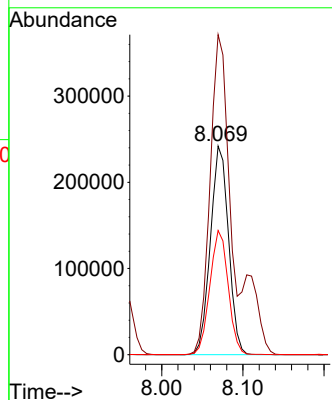
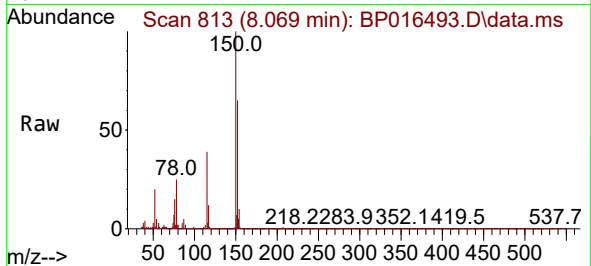




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP016493.D
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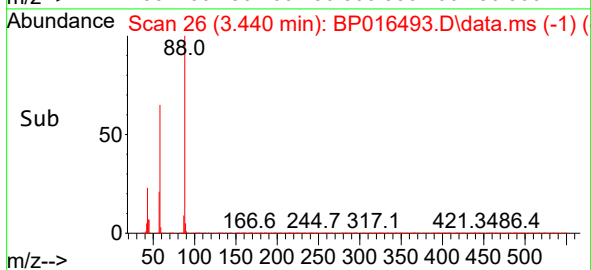
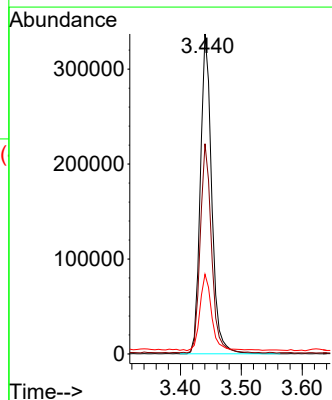
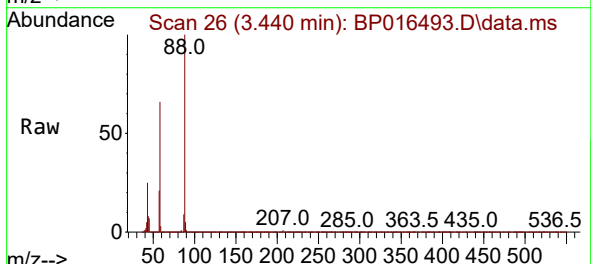
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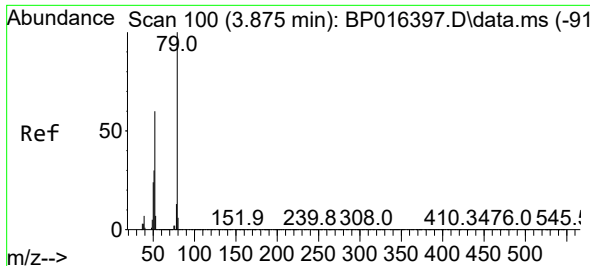
Tgt Ion:152 Resp: 375598
Ion Ratio Lower Upper
152 100
150 153.4 124.9 187.3
115 59.6 46.8 70.2



#2
1,4-Dioxane
Concen: 48.602 ng
RT: 3.440 min Scan# 26
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 88 Resp: 436409
Ion Ratio Lower Upper
88 100
58 65.3 51.7 77.5
43 24.8 19.2 28.8

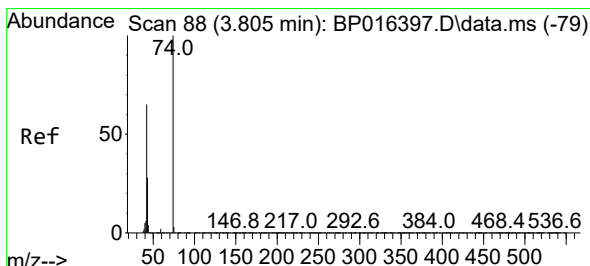
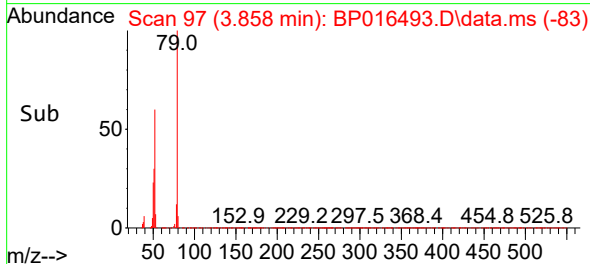
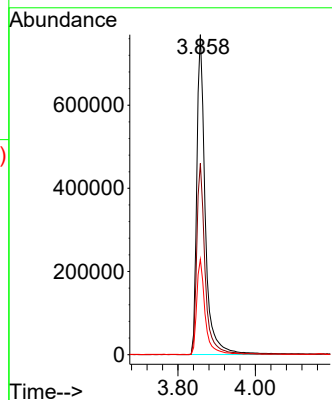
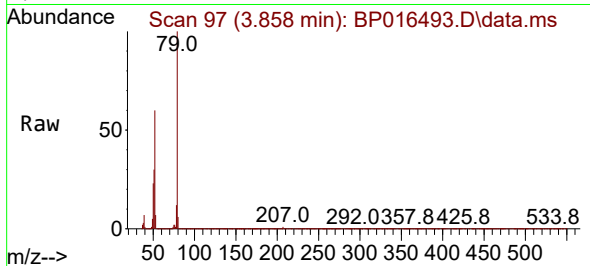




#3
Pyridine
Concen: 43.563 ng
RT: 3.858 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

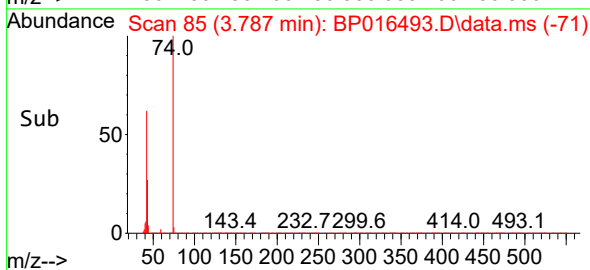
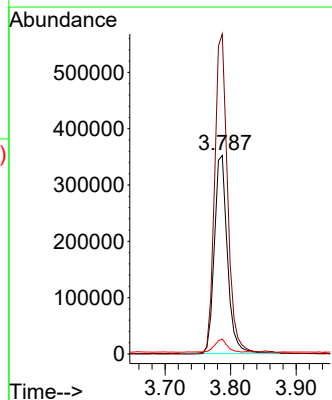
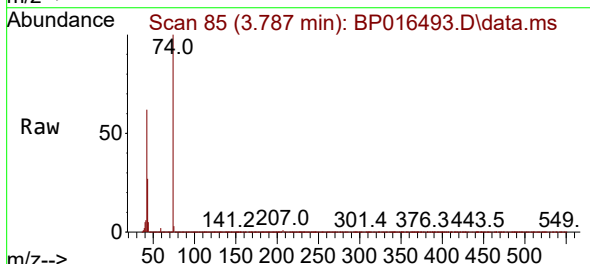
Instrument :
BNA_P
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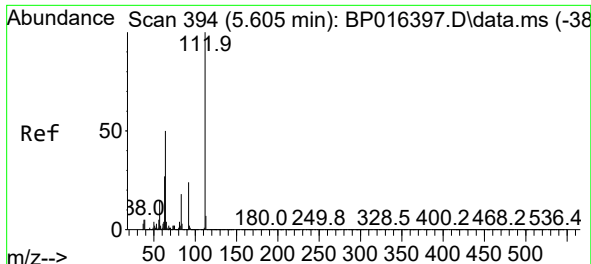
Tgt Ion: 79 Resp: 1169245
Ion Ratio Lower Upper
79 100
52 59.8 47.9 71.9
51 29.8 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 48.351 ng
RT: 3.787 min Scan# 85
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 42 Resp: 489305
Ion Ratio Lower Upper
42 100
74 161.1 123.8 185.8
44 7.5 5.5 8.3

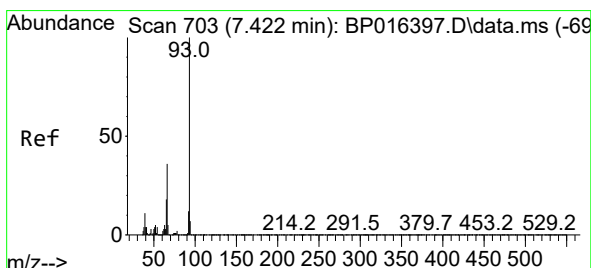
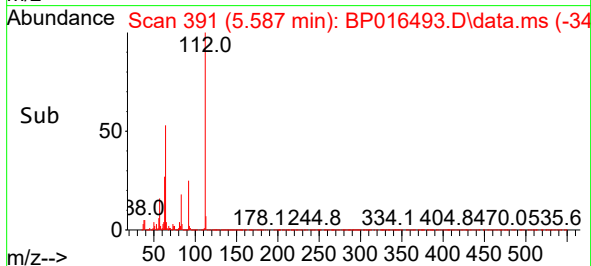
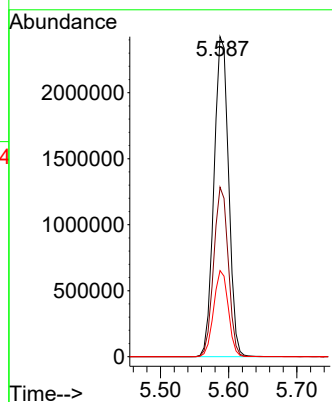
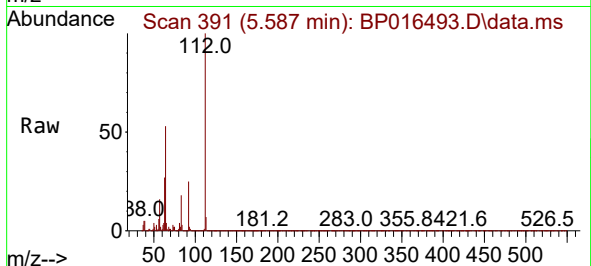




#5
2-Fluorophenol
Concen: 157.286 ng
RT: 5.587 min Scan# 394
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

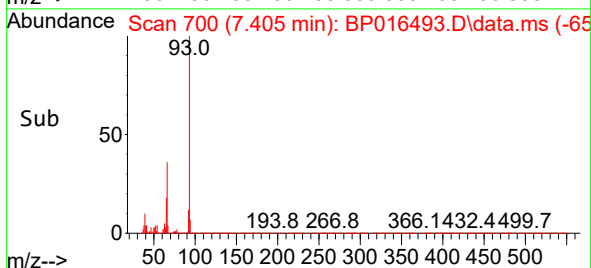
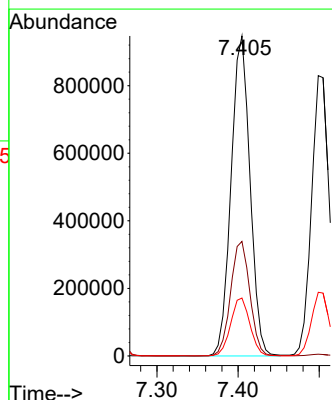
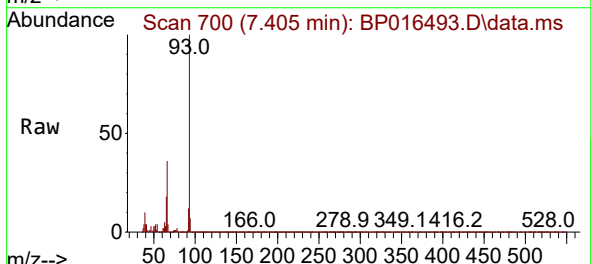
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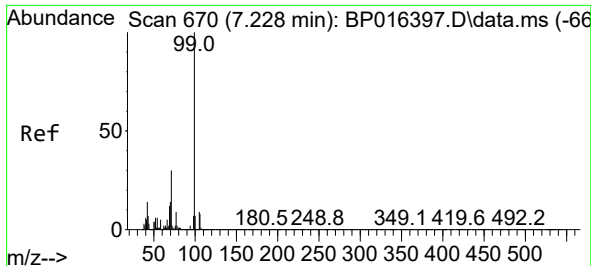
Tgt Ion:112 Resp: 3621169
Ion Ratio Lower Upper
112 100
64 53.0 40.0 60.0
63 26.9 21.2 31.8



#6
Aniline
Concen: 39.308 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 93 Resp: 1532156
Ion Ratio Lower Upper
93 100
66 35.8 28.9 43.3
65 18.1 14.7 22.1

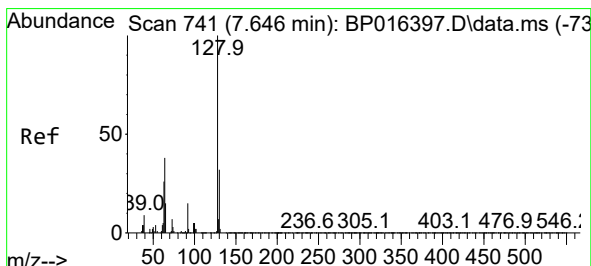
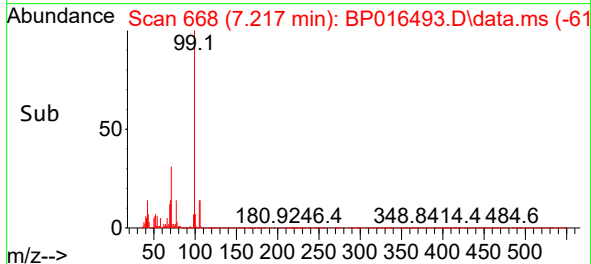
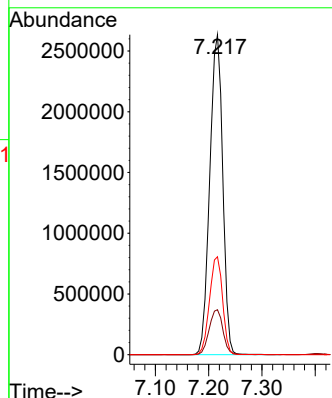
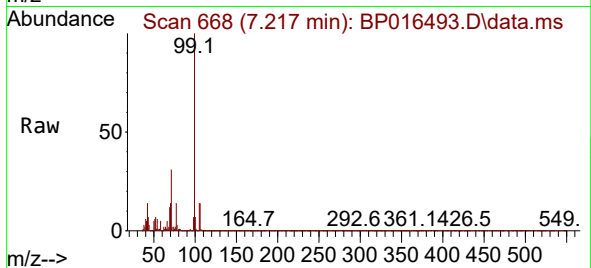




#7
Phenol-d6
Concen: 140.688 ng
RT: 7.217 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

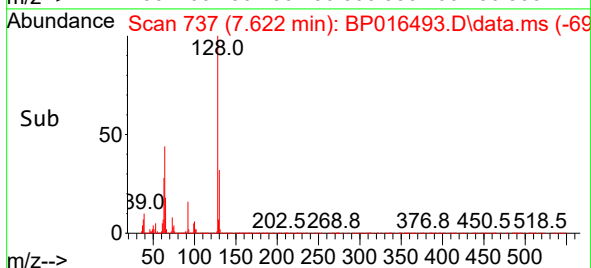
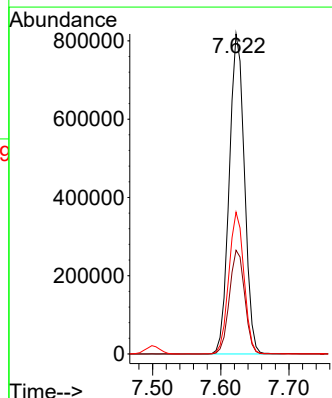
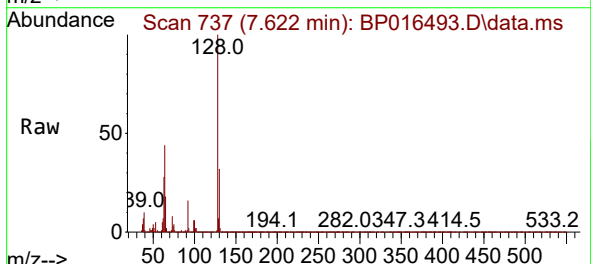
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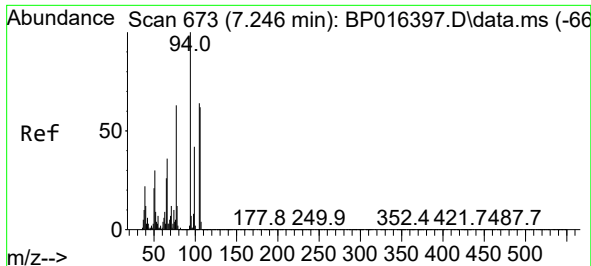
Tgt Ion: 99 Resp: 4439681
Ion Ratio Lower Upper
99 100
42 14.1 11.6 17.4
71 30.6 24.3 36.5



#8
2-Chlorophenol
Concen: 52.572 ng
RT: 7.622 min Scan# 737
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:128 Resp: 1269064
Ion Ratio Lower Upper
128 100
130 32.4 11.6 51.6
64 44.3 20.6 60.6

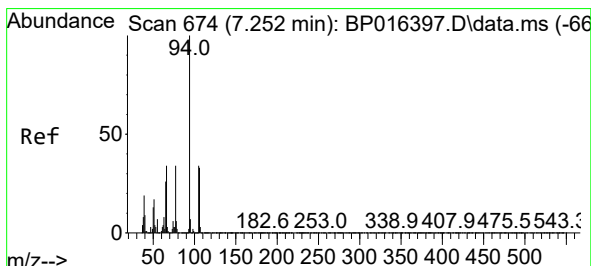
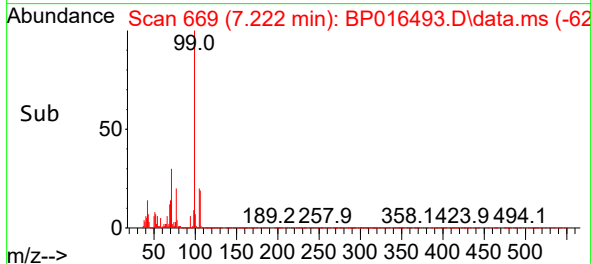
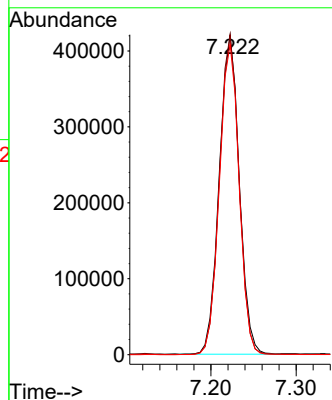
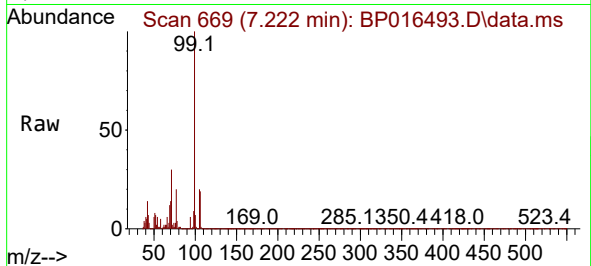




#9
Benzaldehyde
Concen: 50.066 ng
RT: 7.222 min Scan# 610
Delta R.T. -0.024 min
Lab File: BP016493.D
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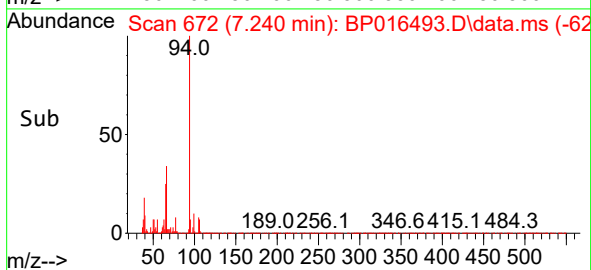
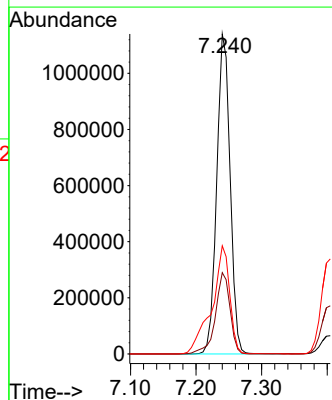
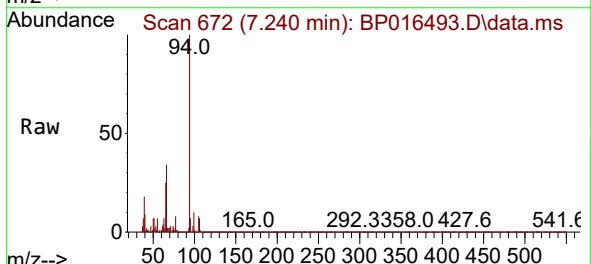
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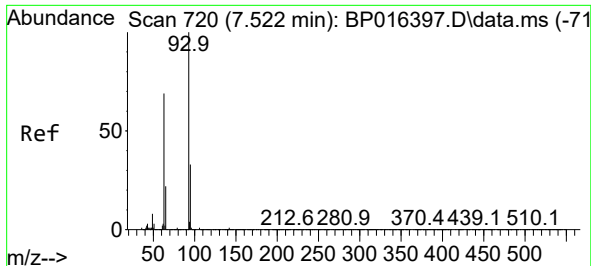
Tgt Ion: 77 Resp: 684590
Ion Ratio Lower Upper
77 100
105 100.2 81.9 121.9
106 97.2 78.8 118.8



#10
Phenol
Concen: 52.514 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 94 Resp: 1609315
Ion Ratio Lower Upper
94 100
65 25.4 5.9 45.9
66 33.8 14.3 54.3

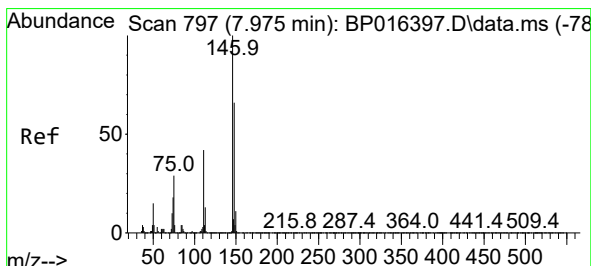
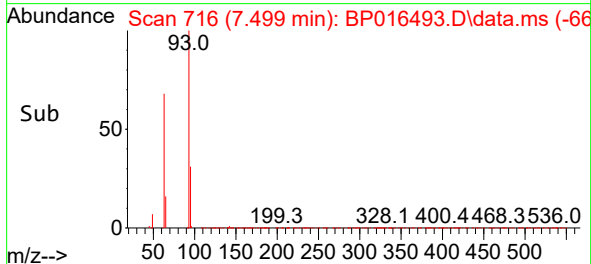
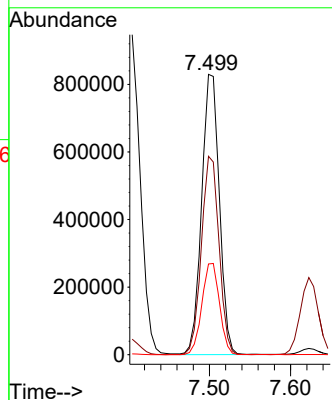
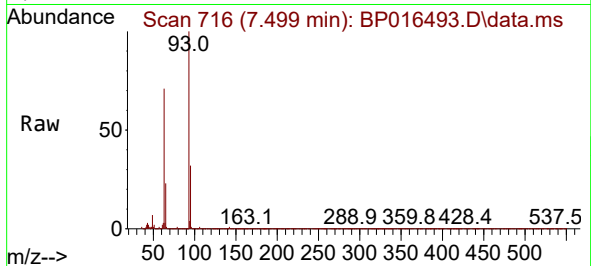




#11
bis(2-Chloroethyl)ether
Concen: 50.419 ng
RT: 7.499 min Scan# 716
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

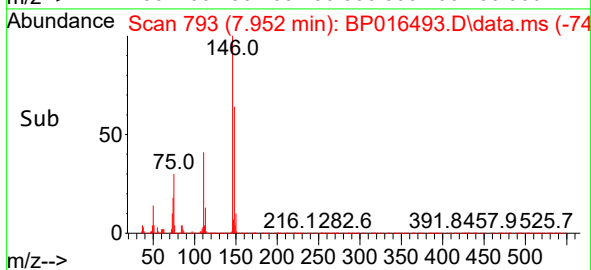
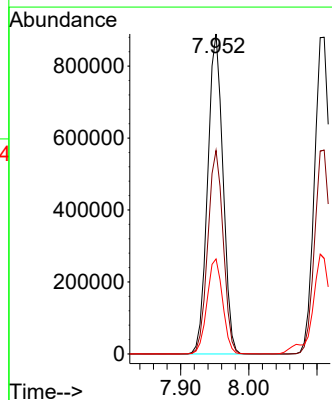
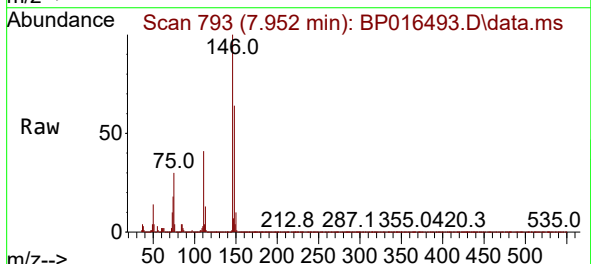
Instrument :
BNA_P
ClientSampleId :
PB154350BS

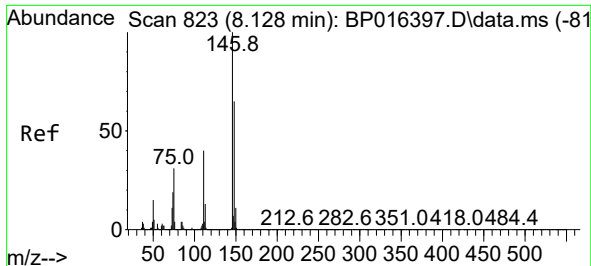
Tgt Ion: 93 Resp: 1255988
Ion Ratio Lower Upper
93 100
63 70.8 49.4 89.4
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 53.689 ng
RT: 7.952 min Scan# 793
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:146 Resp: 1391308
Ion Ratio Lower Upper
146 100
148 63.6 53.0 79.4
75 29.7 23.4 35.2

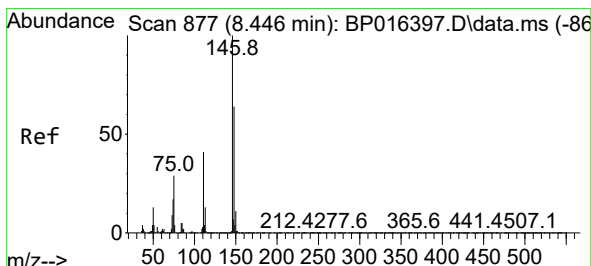
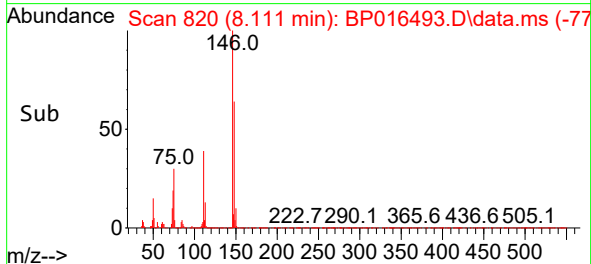
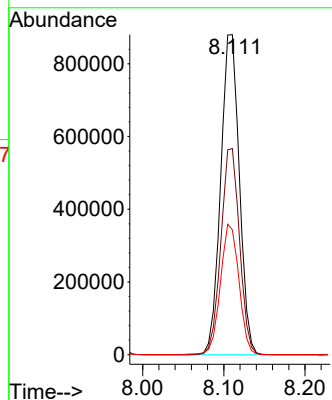
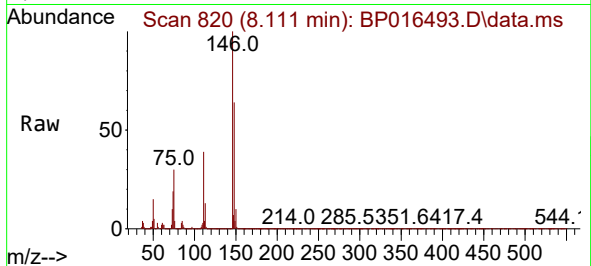




#13
1,4-Dichlorobenzene
Concen: 53.553 ng
RT: 8.111 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

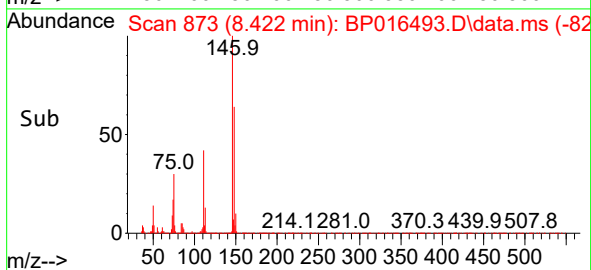
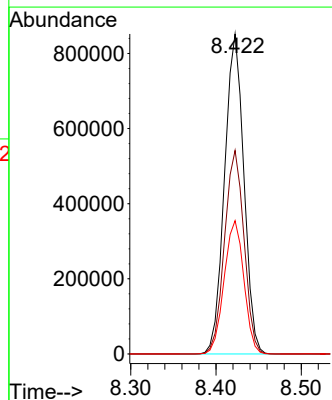
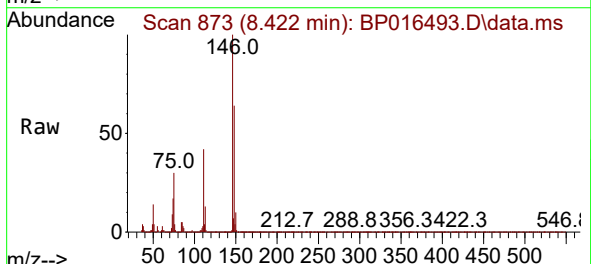
Instrument :
BNA_P
ClientSampleId :
PB154350BS

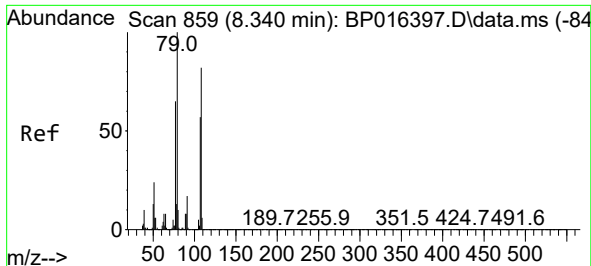
Tgt Ion:146 Resp: 1407742
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
111 39.0 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 52.976 ng
RT: 8.422 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:146 Resp: 1340808
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 41.7 32.6 49.0

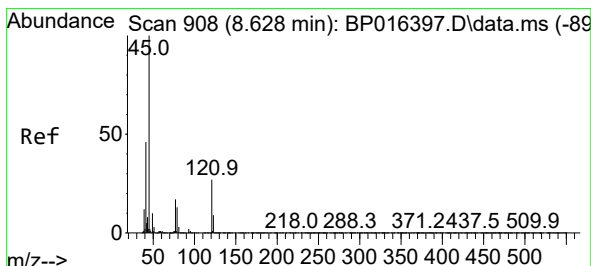
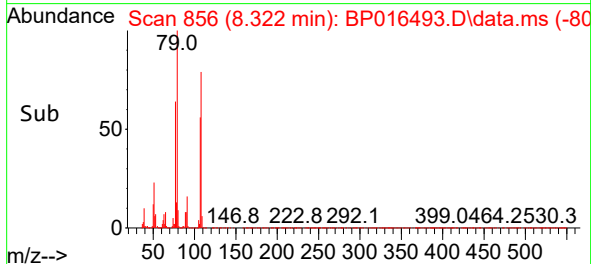
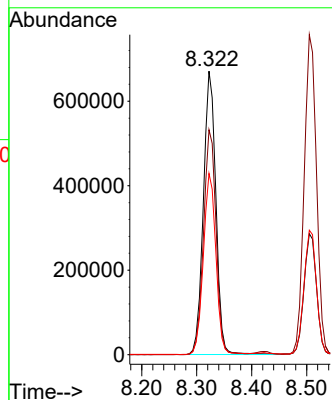
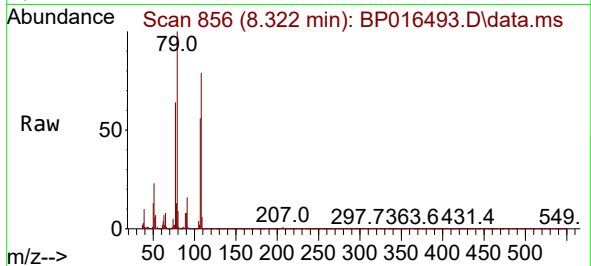




#15
Benzyl Alcohol
Concen: 49.228 ng
RT: 8.322 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

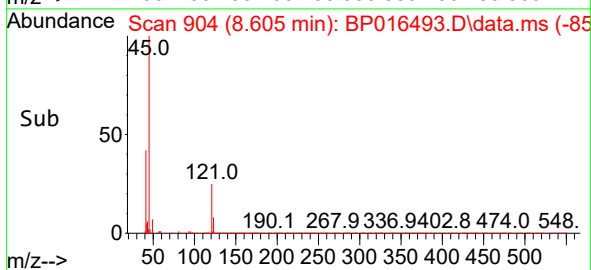
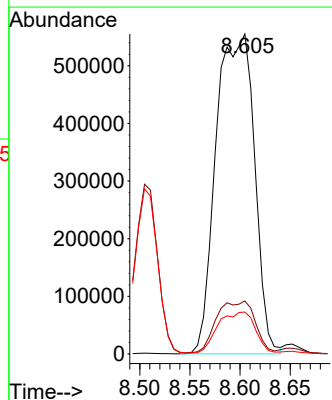
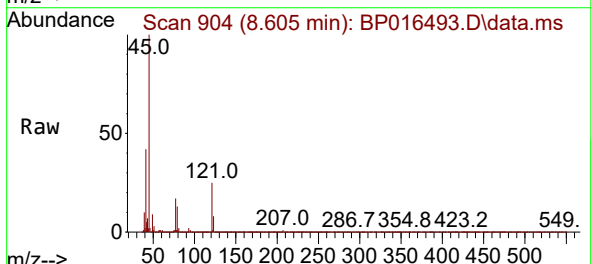
Instrument :
BNA_P
ClientSampleId :
PB154350BS

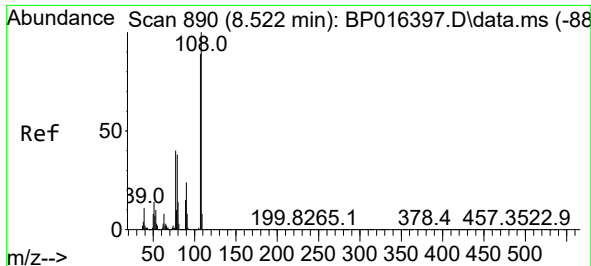
Tgt Ion: 79 Resp: 1061320
Ion Ratio Lower Upper
79 100
108 79.4 65.4 98.2
77 64.0 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.095 ng
RT: 8.605 min Scan# 904
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 45 Resp: 1471750
Ion Ratio Lower Upper
45 100
77 16.5 0.0 37.3
79 13.1 0.0 33.3



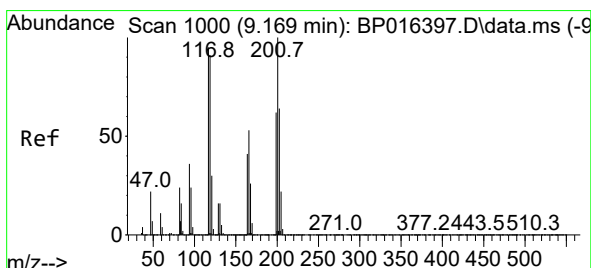
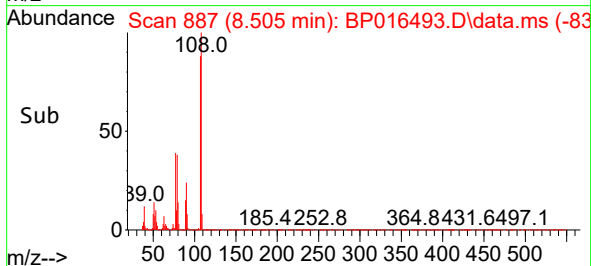
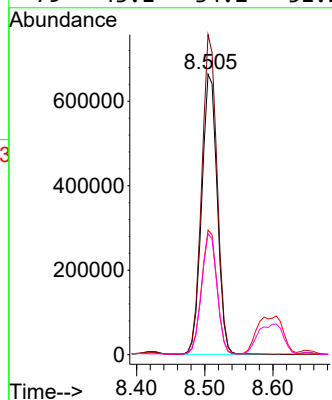
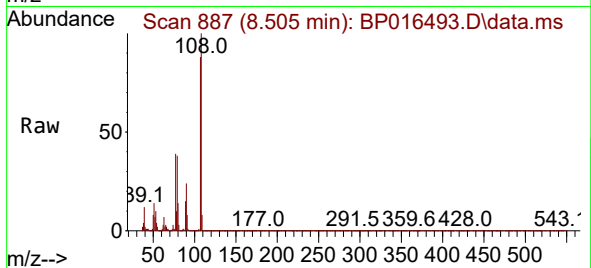


#17
2-Methylphenol
Concen: 47.427 ng
RT: 8.505 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Instrument :
BNA_P
ClientSampleId :
PB154350BS

Tgt Ion:107 Resp: 1047476

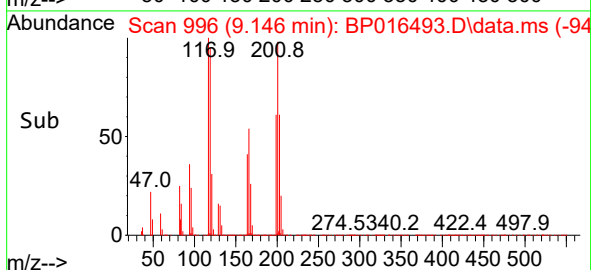
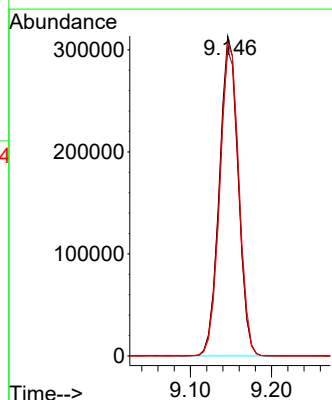
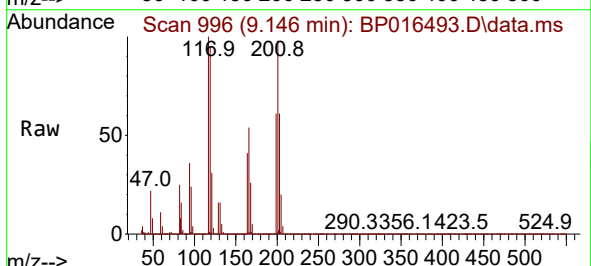
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.6	134.4
77	44.4	35.6	53.4
79	43.1	34.2	51.2

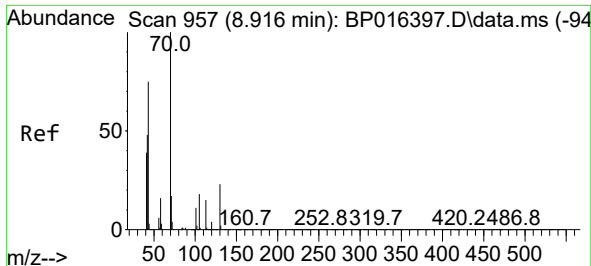


#18
Hexachloroethane
Concen: 54.249 ng
RT: 9.146 min Scan# 996
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:117 Resp: 508661

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
201	97.8	86.2	129.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.379 ng

RT: 8.893 min Scan# 91

Delta R.T. -0.023 min

Lab File: BP016493.D

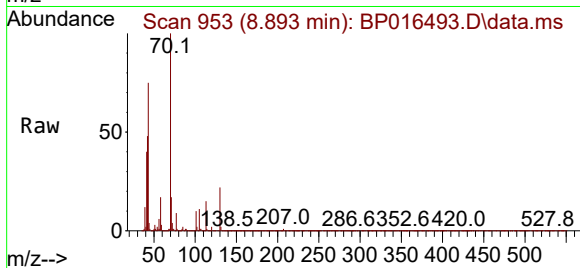
Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS



Tgt Ion: 70 Resp: 877359

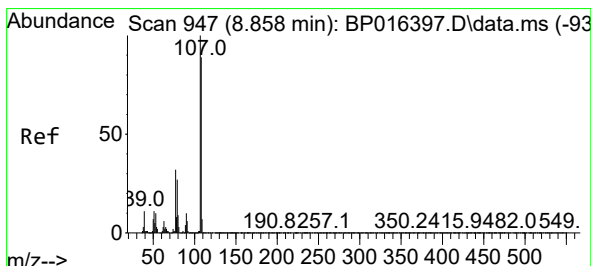
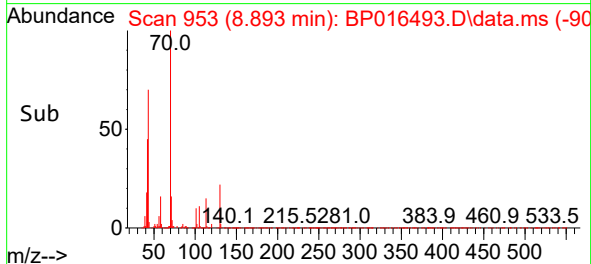
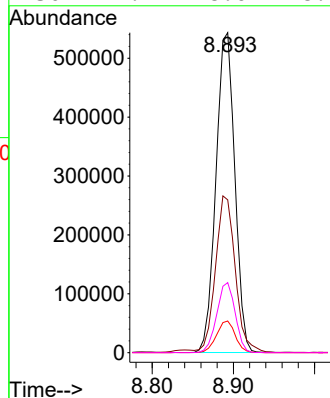
Ion Ratio Lower Upper

70 100

42 47.8 39.3 58.9

101 9.9 8.6 12.8

130 21.9 18.6 28.0



#20

3+4-Methylphenols

Concen: 46.373 ng

RT: 8.840 min Scan# 944

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Tgt Ion: 107 Resp: 1390997

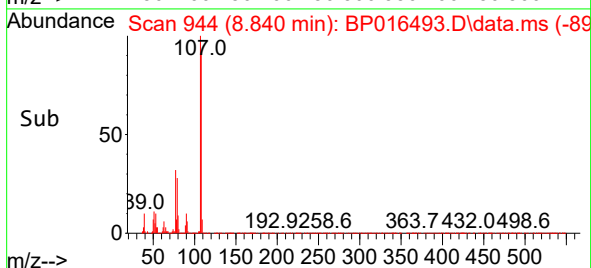
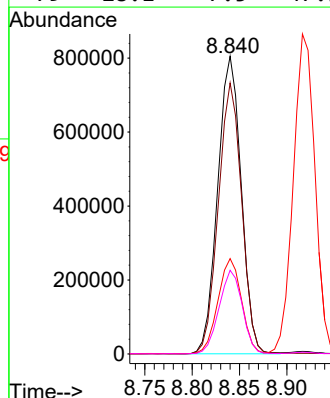
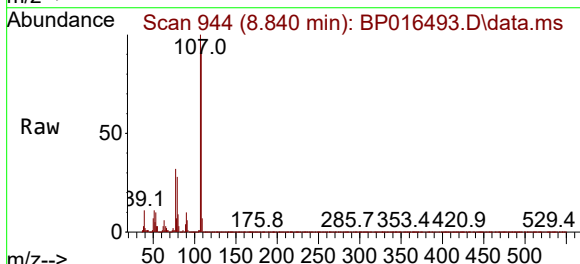
Ion Ratio Lower Upper

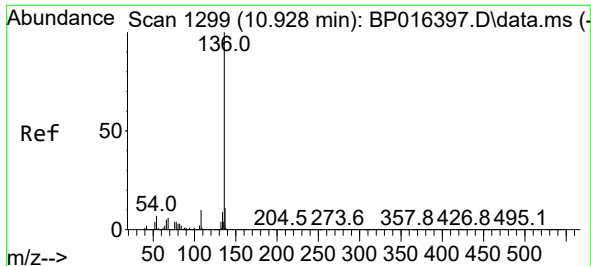
107 100

108 91.0 69.1 109.1

77 32.0 12.0 52.0

79 28.1 7.5 47.5

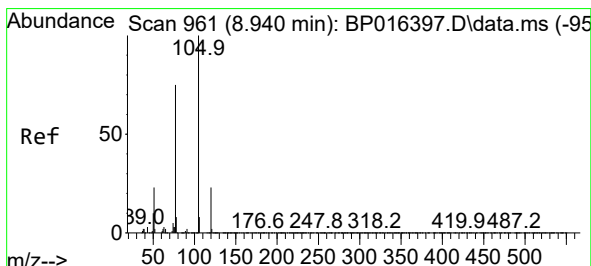
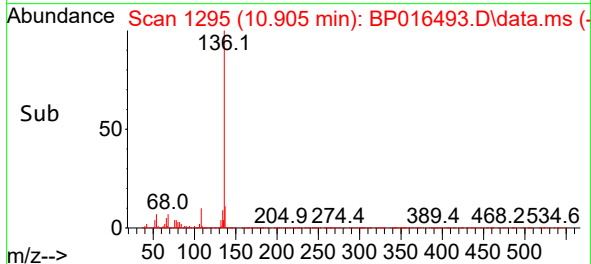
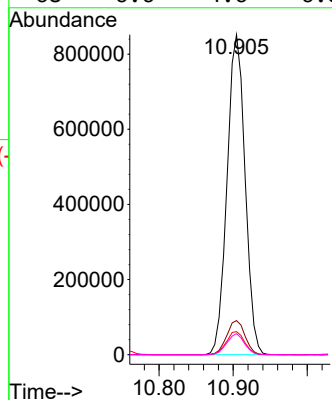
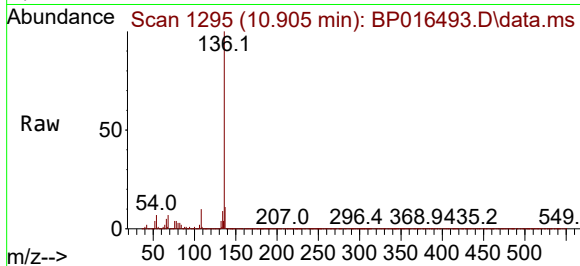




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

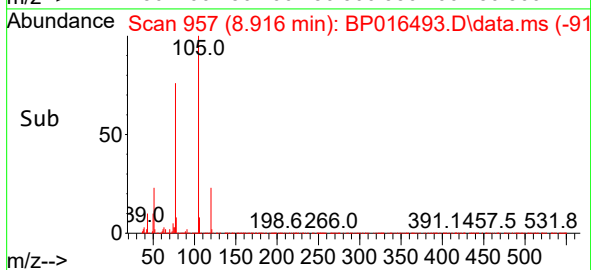
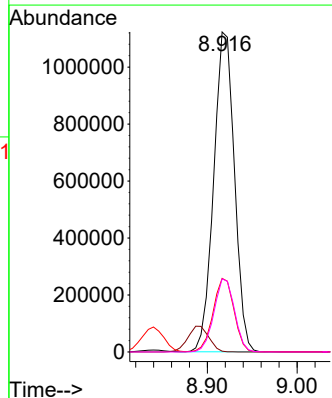
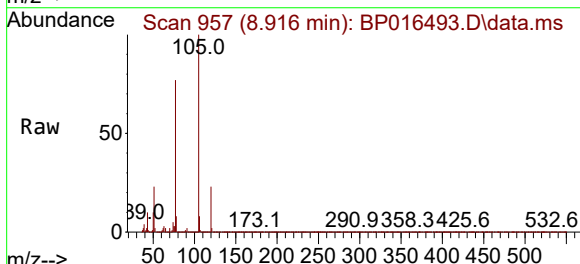
Instrument :
BNA_P
ClientSampleId :
PB154350BS

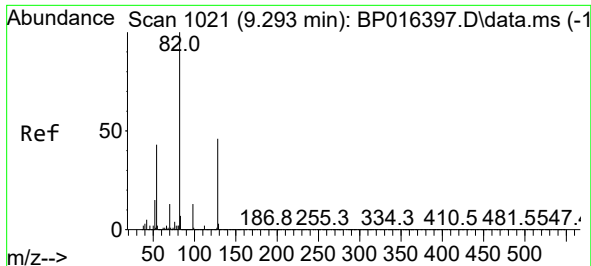
Tgt Ion:136 Resp: 1436103
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.2 5.6 8.4
68 6.6 4.6 6.8



#22
Acetophenone
Concen: 49.797 ng
RT: 8.916 min Scan# 957
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:105 Resp: 1805604
Ion Ratio Lower Upper
105 100
71 0.3 0.2 0.2#
51 23.0 18.3 27.5
120 22.9 18.2 27.2

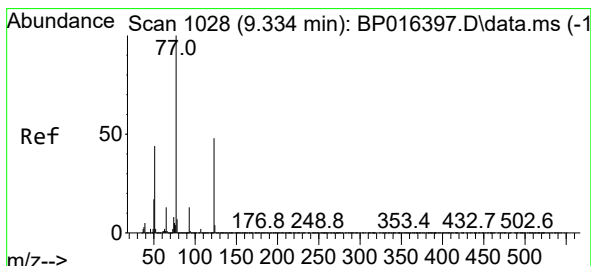
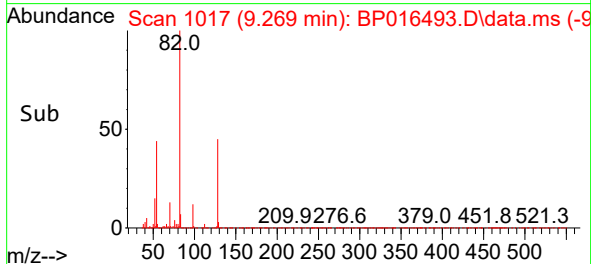
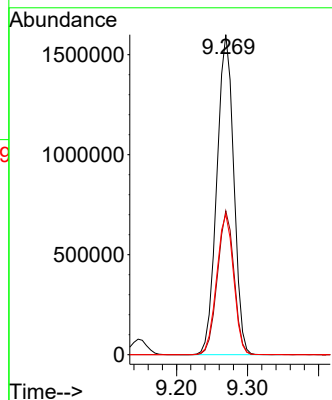
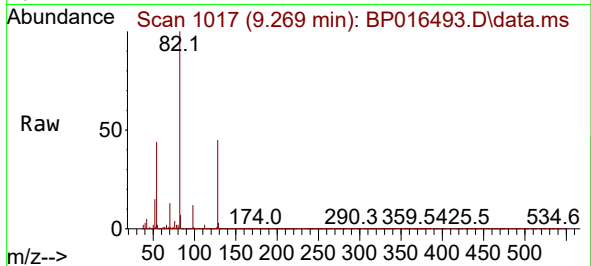




#23
Nitrobenzene-d5
Concen: 102.749 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

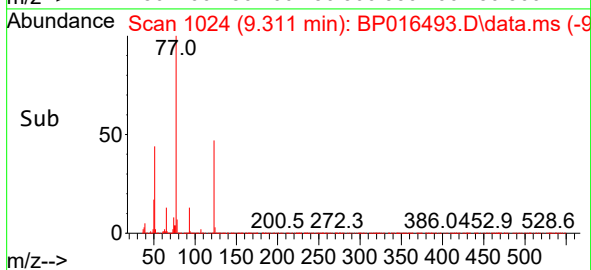
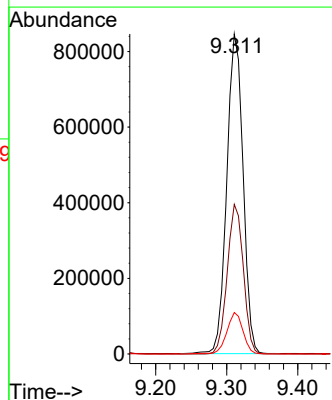
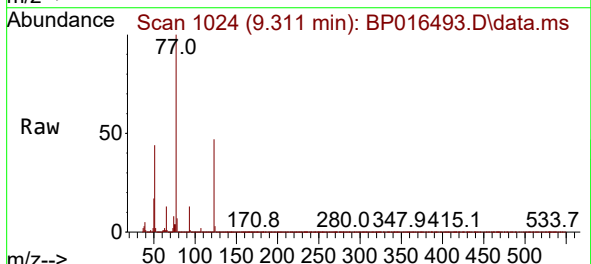
Instrument :
BNA_P
ClientSampleId :
PB154350BS

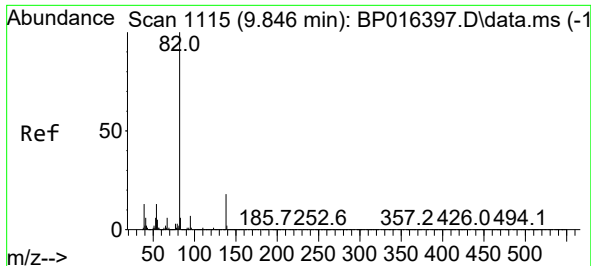
Tgt Ion: 82 Resp: 2635977
Ion Ratio Lower Upper
82 100
128 45.0 36.6 55.0
54 43.9 34.5 51.7



#24
Nitrobenzene
Concen: 50.944 ng
RT: 9.311 min Scan# 1024
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 77 Resp: 1342376
Ion Ratio Lower Upper
77 100
123 46.8 38.6 58.0
65 12.9 10.5 15.7

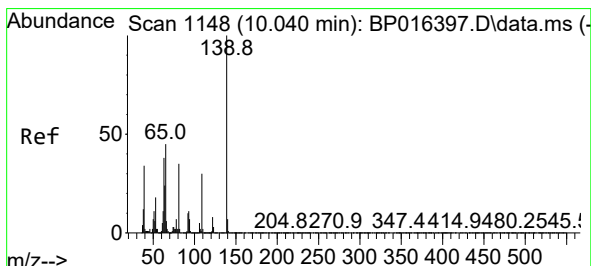
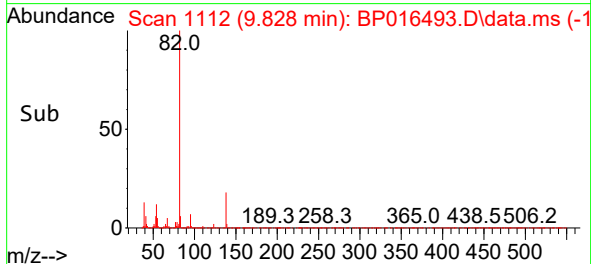
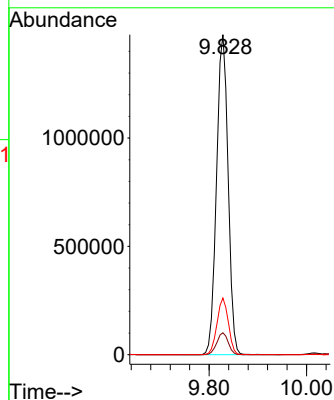
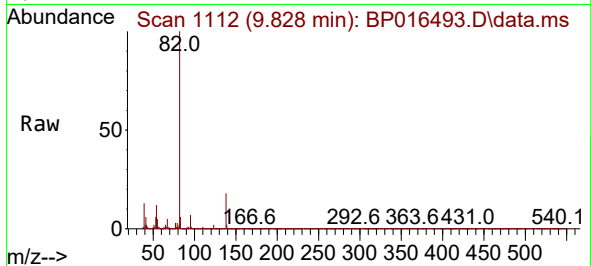




#25
Isophorone
Concen: 46.828 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

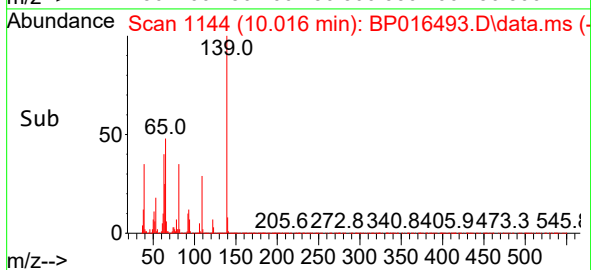
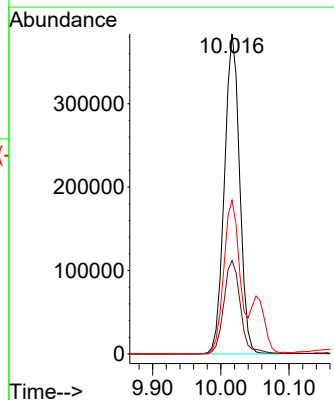
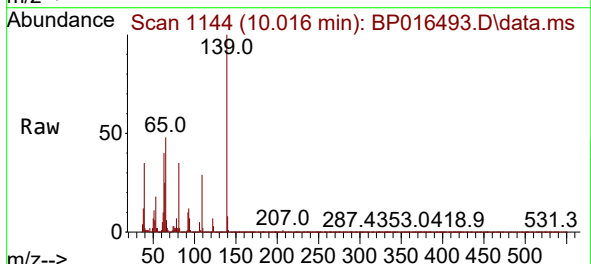
Instrument :
BNA_P
ClientSampleId :
PB154350BS

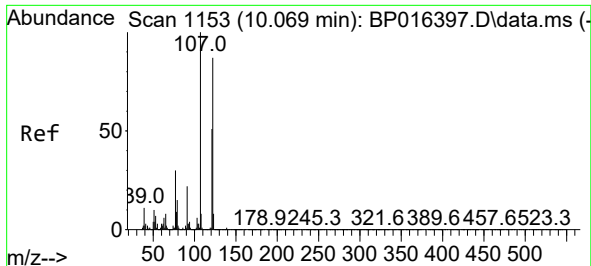
Tgt Ion: 82 Resp: 2425422
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.7 14.6 22.0



#26
2-Nitrophenol
Concen: 52.273 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 139 Resp: 597031
Ion Ratio Lower Upper
139 100
109 29.2 24.2 36.4
65 48.0 35.8 53.6

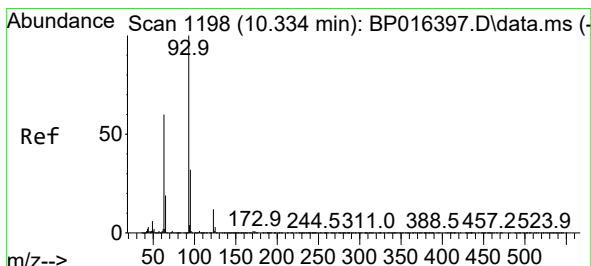
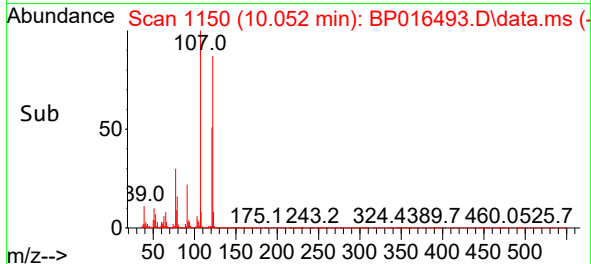
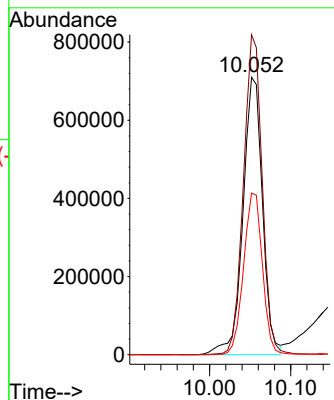
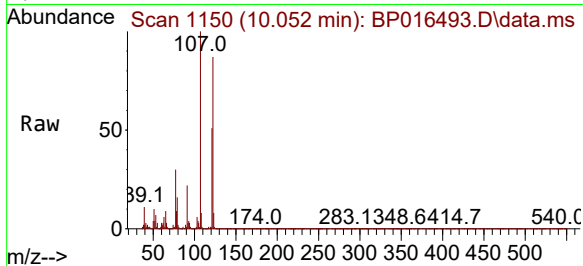




#27
2,4-Dimethylphenol
Concen: 51.247 ng
RT: 10.052 min Scan# 1150
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

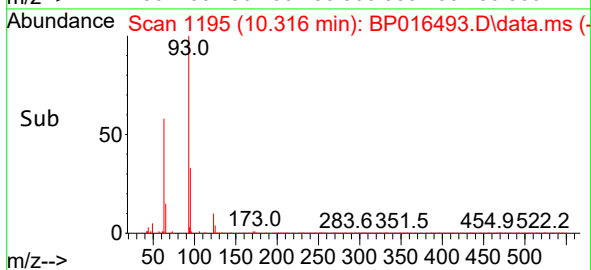
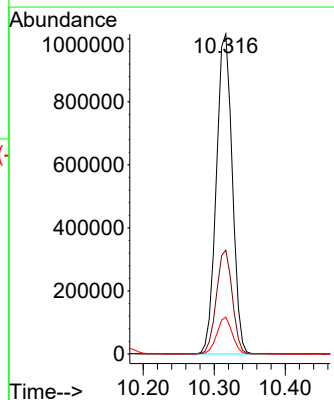
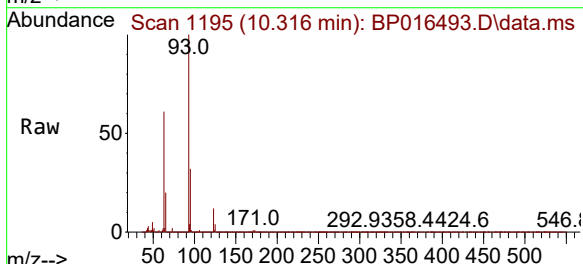
Instrument :
BNA_P
ClientSampleId :
PB154350BS

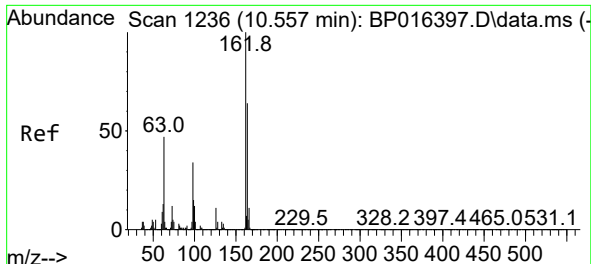
Tgt Ion:122 Resp: 1187488
Ion Ratio Lower Upper
122 100
107 115.3 91.9 137.9
121 58.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 49.651 ng
RT: 10.316 min Scan# 1195
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 93 Resp: 1575242
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.758 ng

RT: 10.540 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

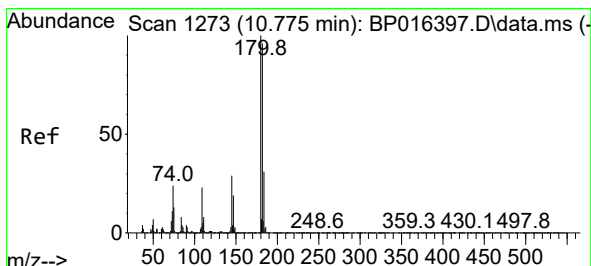
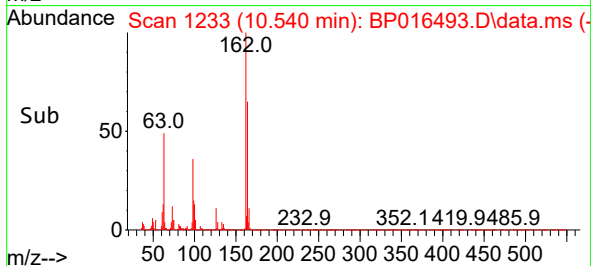
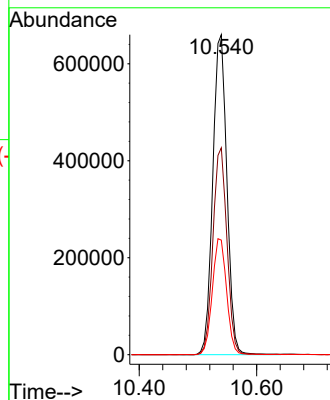
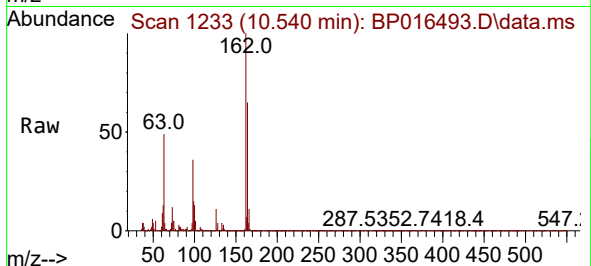
Tgt Ion:162 Resp: 1100722

Ion Ratio Lower Upper

162 100

164 64.7 44.2 84.2

98 35.8 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 50.563 ng

RT: 10.752 min Scan# 1269

Delta R.T. -0.023 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

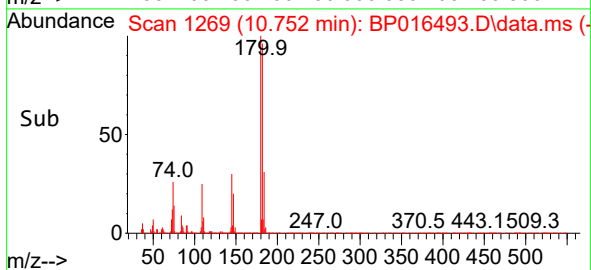
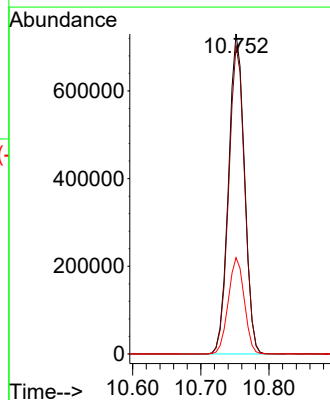
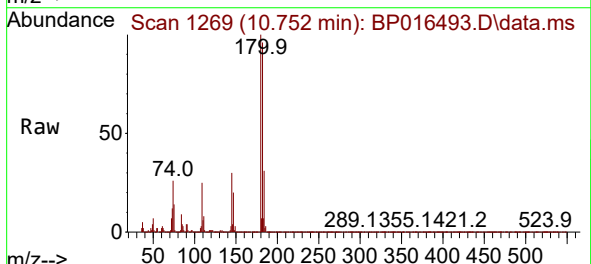
Tgt Ion:180 Resp: 1187643

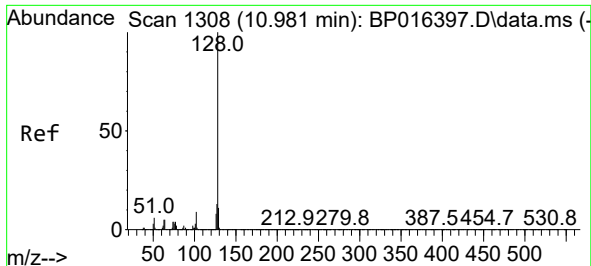
Ion Ratio Lower Upper

180 100

182 96.3 77.1 115.7

145 30.1 22.9 34.3

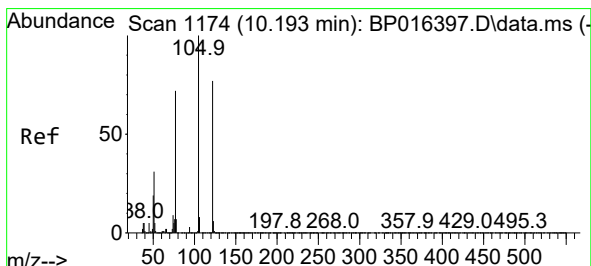
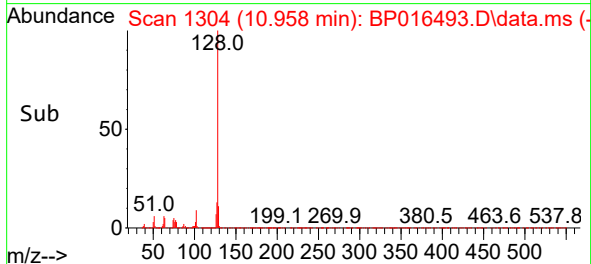
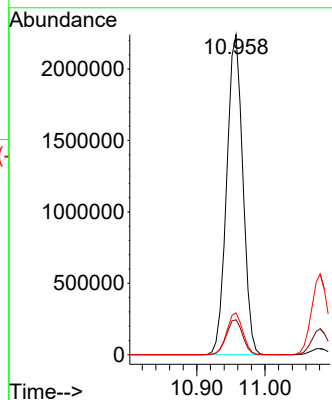
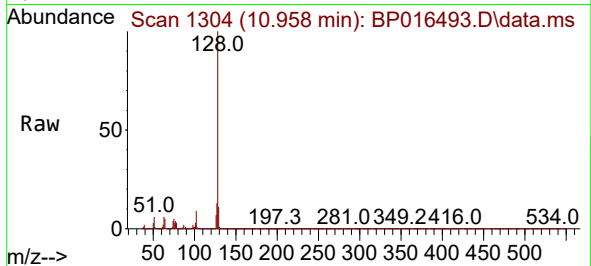




#31
Naphthalene
Concen: 49.059 ng
RT: 10.958 min Scan# 1112
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

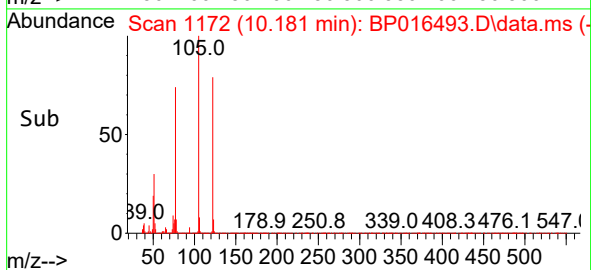
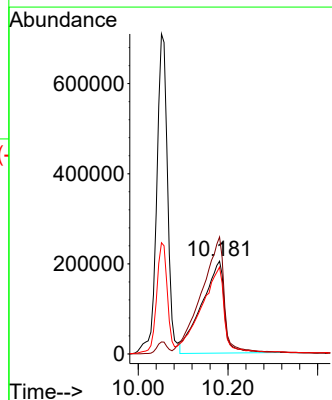
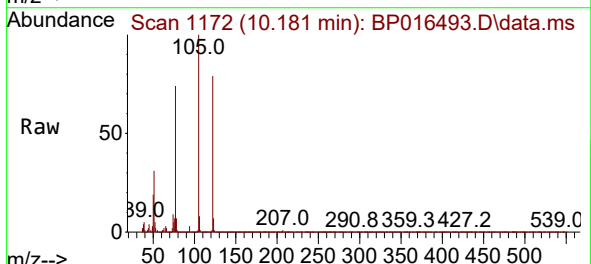
Instrument :
BNA_P
ClientSampleId :
PB154350BS

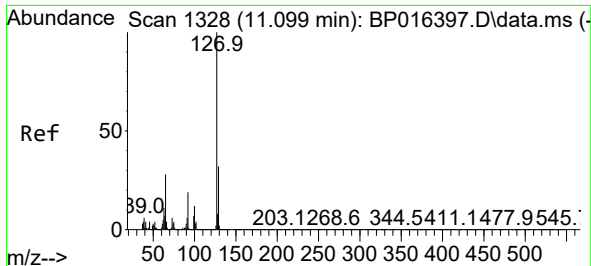
Tgt Ion:128 Resp: 3685260
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 47.377 ng
RT: 10.181 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:122 Resp: 718845
Ion Ratio Lower Upper
122 100
105 126.0 105.2 145.2
77 93.7 72.2 112.2

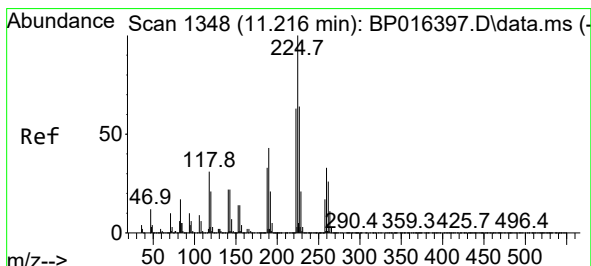
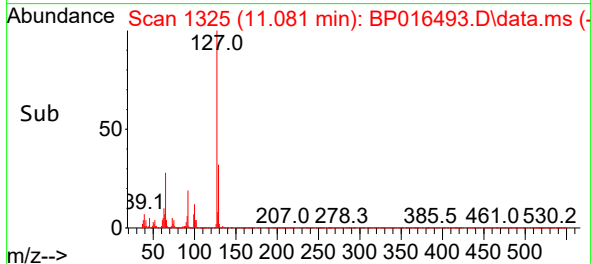
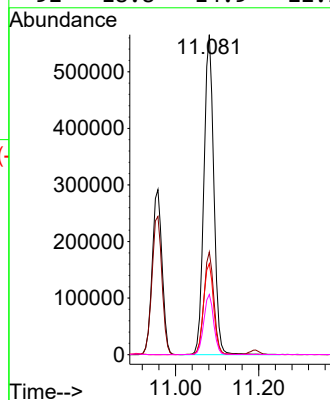
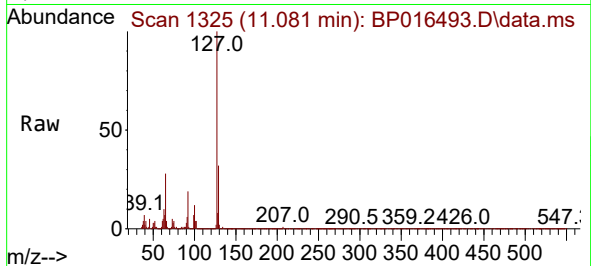




#33
4-Chloroaniline
Concen: 27.689 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

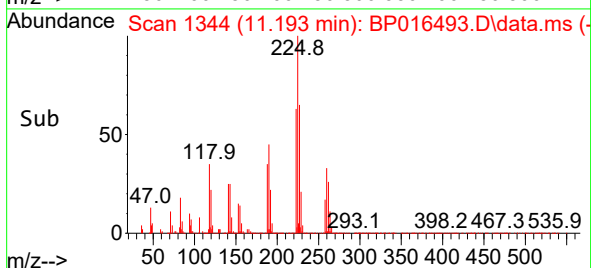
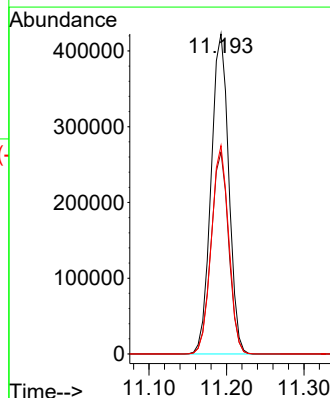
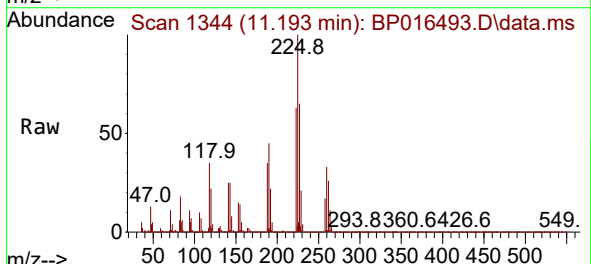
Instrument :
BNA_P
ClientSampleId :
PB154350BS

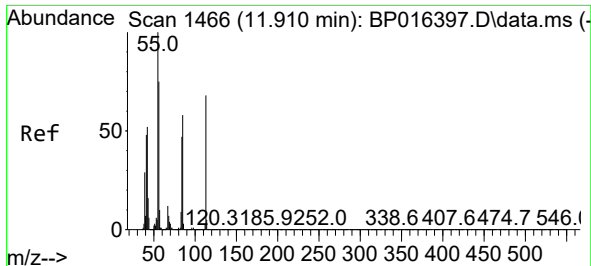
Tgt Ion:	127	Resp:	938237
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	28.4	22.7	34.1
92	18.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 48.144 ng
RT: 11.193 min Scan# 1344
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:	225	Resp:	669494
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	65.1	51.0	76.6

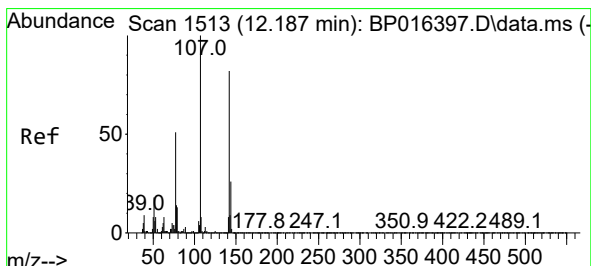
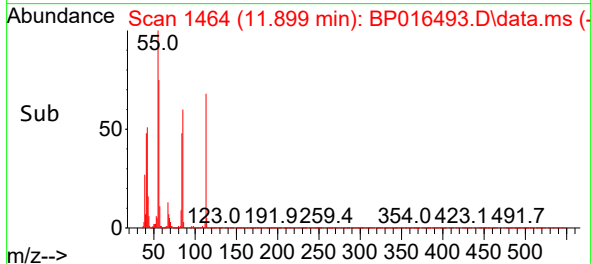
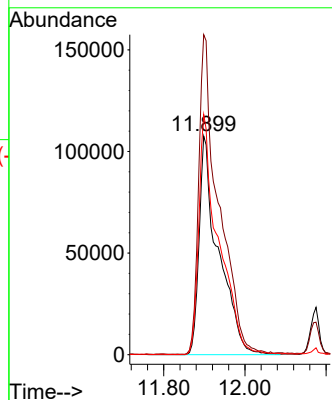
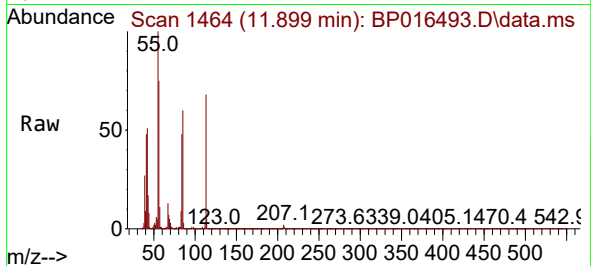




#35
Caprolactam
Concen: 44.798 ng
RT: 11.899 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

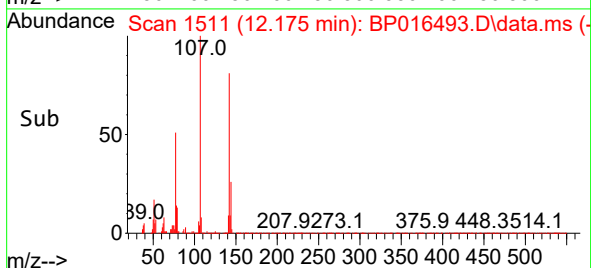
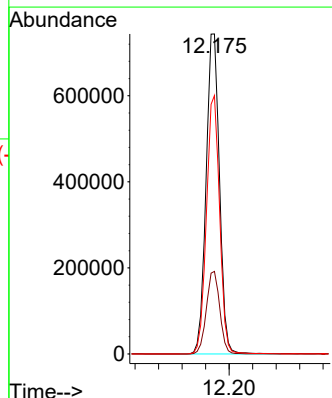
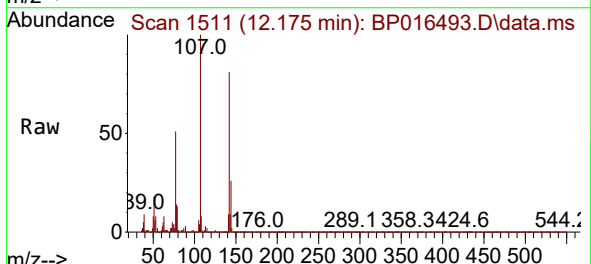
Instrument :
BNA_P
ClientSampleId :
PB154350BS

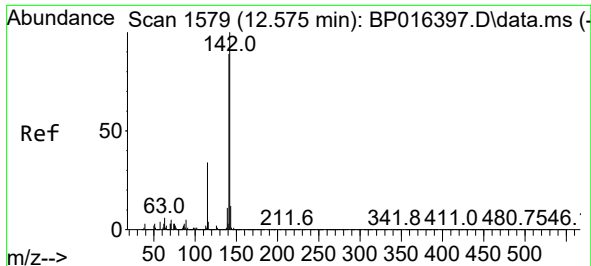
Tgt Ion:113 Resp: 354983
Ion Ratio Lower Upper
113 100
55 146.4 128.0 168.0
56 109.9 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 48.788 ng
RT: 12.175 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:107 Resp: 1176046
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 80.7 65.6 98.4

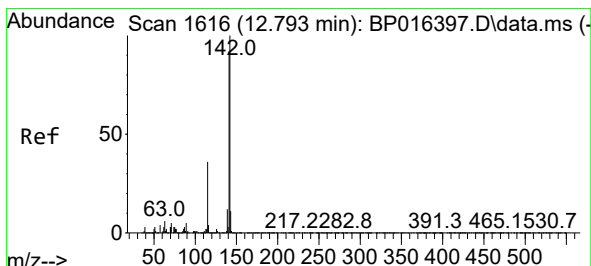
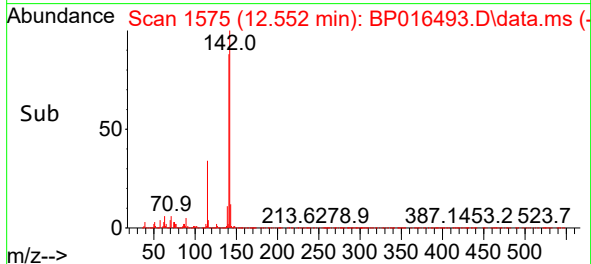
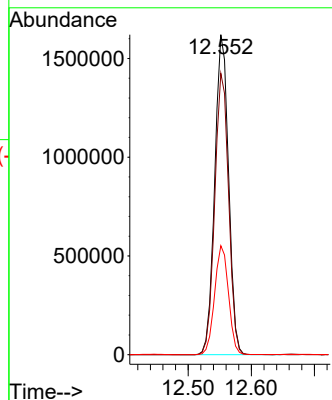
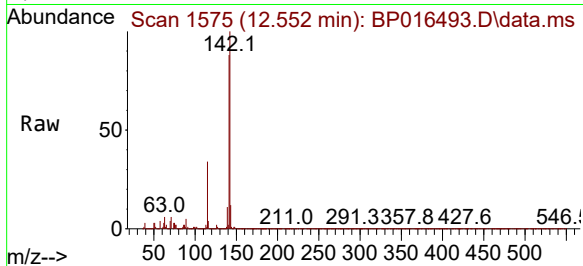




#37
2-Methylnaphthalene
Concen: 45.121 ng
RT: 12.552 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

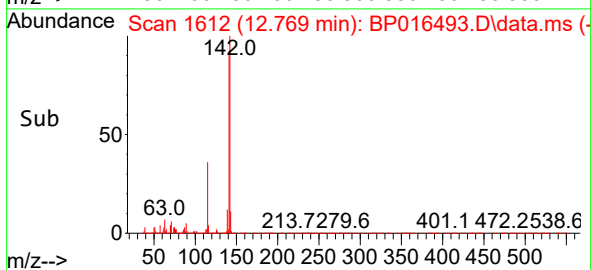
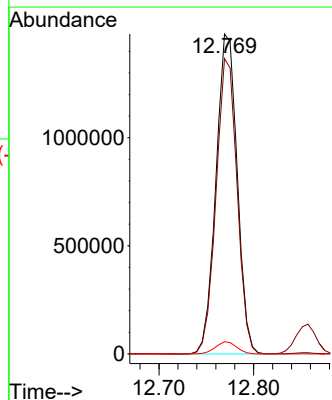
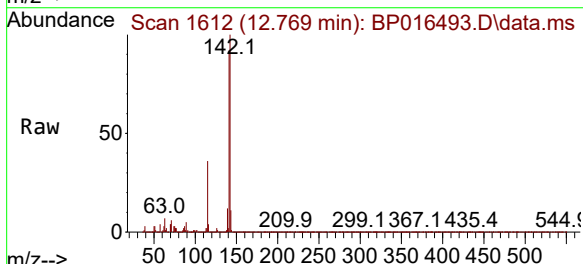
Instrument :
BNA_P
ClientSampleId :
PB154350BS

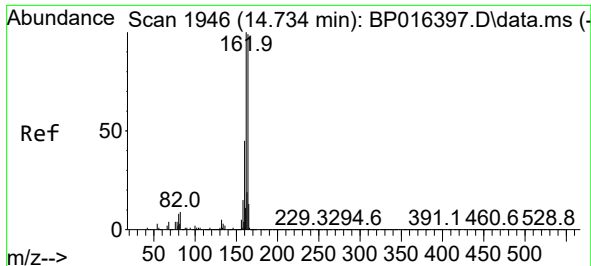
Tgt Ion:142 Resp: 2462335
Ion Ratio Lower Upper
142 100
141 87.9 71.4 107.2
115 34.1 27.0 40.4



#38
1-Methylnaphthalene
Concen: 45.032 ng
RT: 12.769 min Scan# 1612
Delta R.T. -0.023 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:142 Resp: 2303907
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.8 2.9 4.3

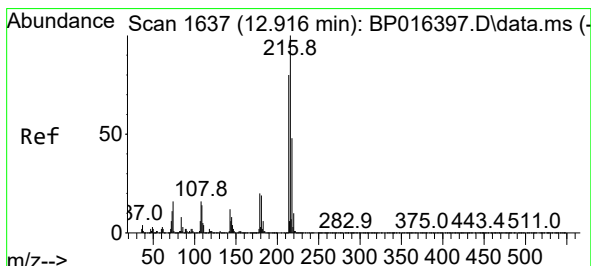
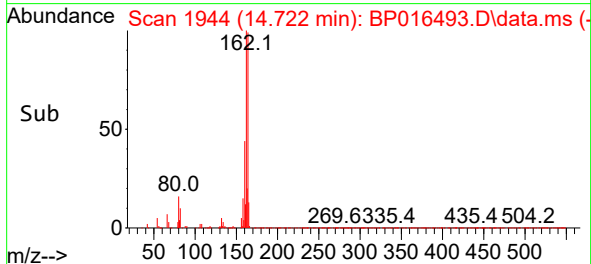
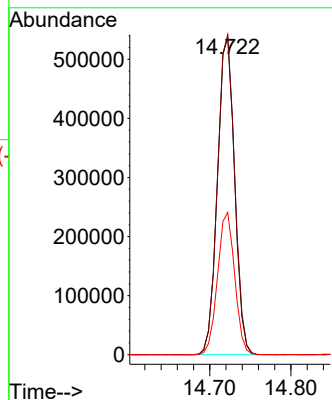
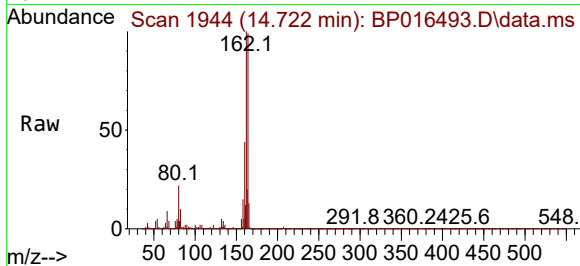




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

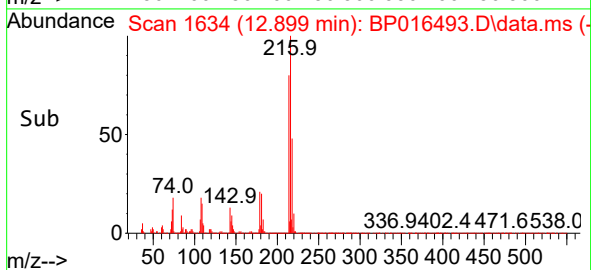
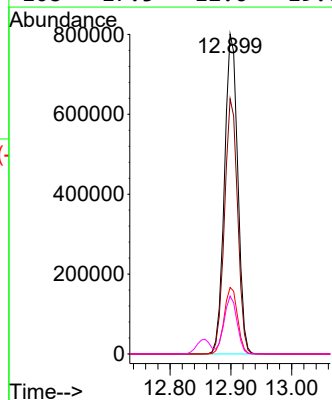
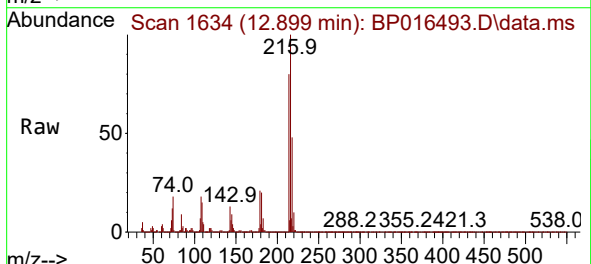
Instrument :
BNA_P
ClientSampleId :
PB154350BS

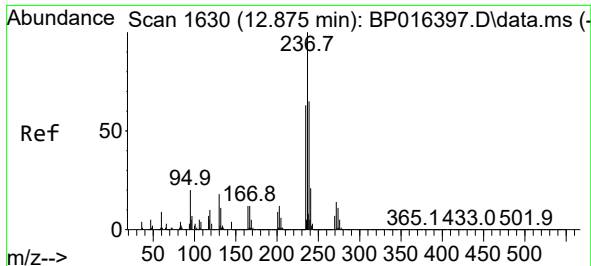
Tgt Ion:164 Resp: 787337
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 44.9 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.692 ng
RT: 12.899 min Scan# 1634
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:216 Resp: 1212885
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 21.0 16.0 24.0
108 17.5 12.6 19.0

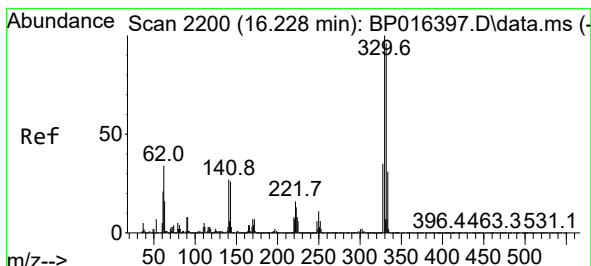
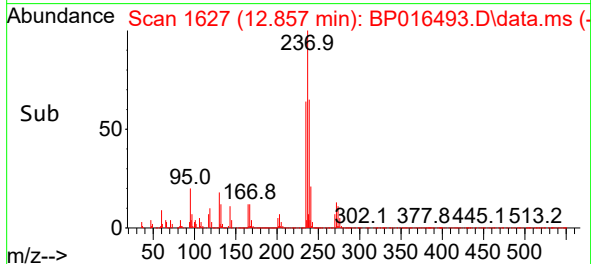
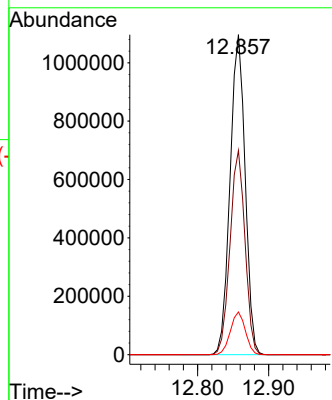
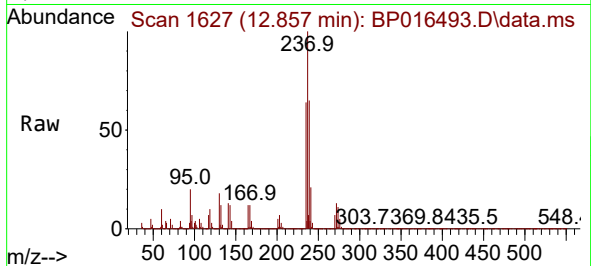




#41
Hexachlorocyclopentadiene
Concen: 134.360 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

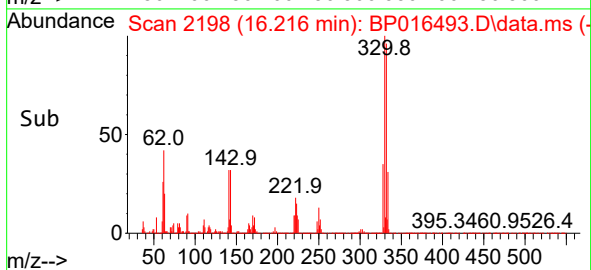
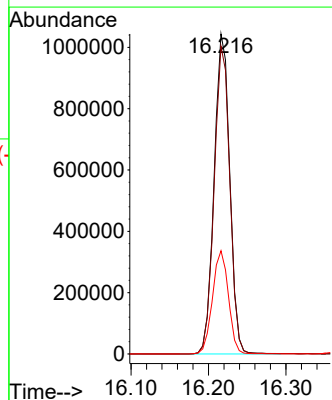
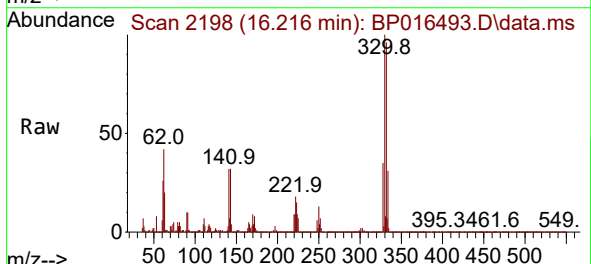
Instrument :
BNA_P
ClientSampleId :
PB154350BS

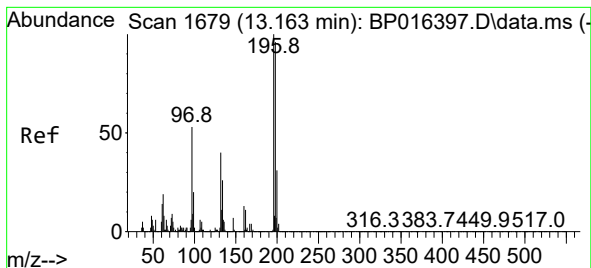
Tgt Ion:237 Resp: 1614573
Ion Ratio Lower Upper
237 100
235 63.8 42.7 82.7
272 13.4 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 126.201 ng
RT: 16.216 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:330 Resp: 1461775
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 32.9 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 53.418 ng

RT: 13.146 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

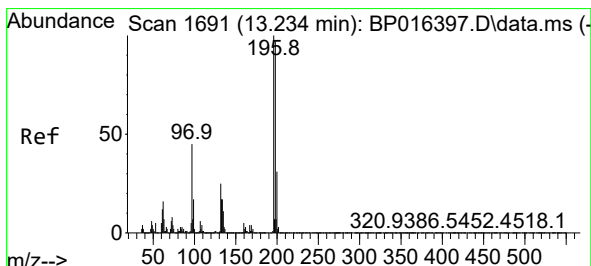
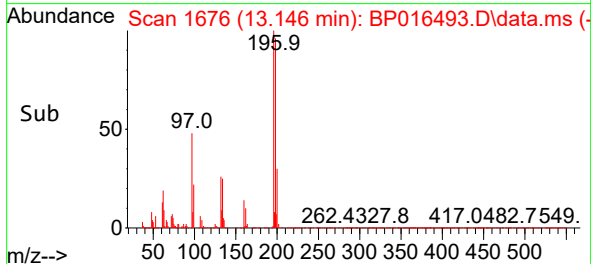
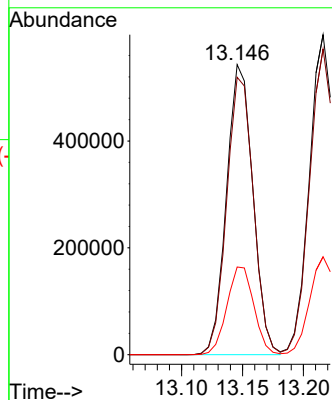
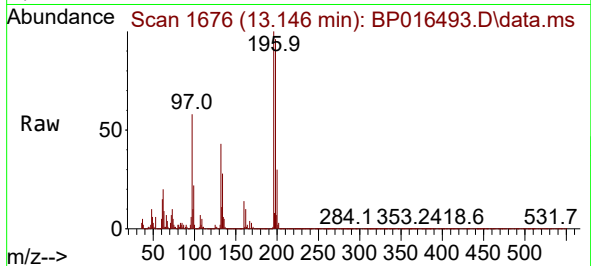
Tgt Ion:196 Resp: 820077

Ion Ratio Lower Upper

196 100

198 95.7 77.0 115.4

200 30.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 47.783 ng

RT: 13.216 min Scan# 1688

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Tgt Ion:196 Resp: 889989

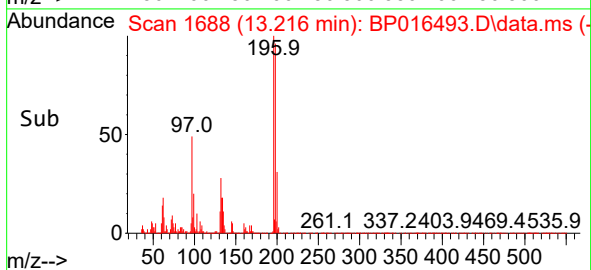
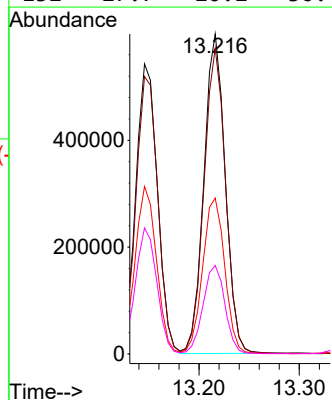
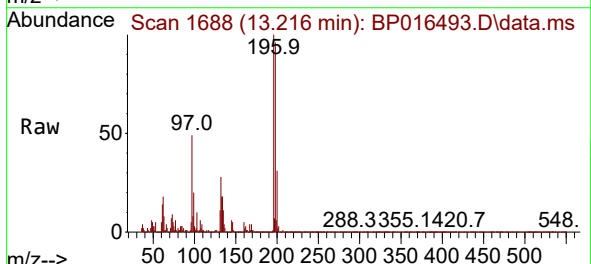
Ion Ratio Lower Upper

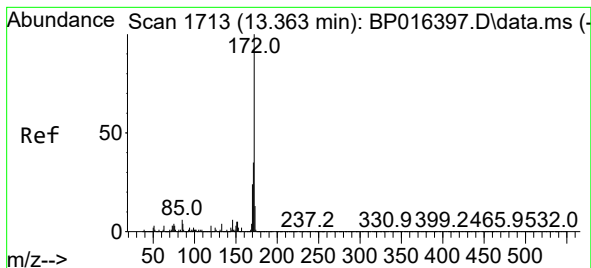
196 100

198 95.6 77.3 115.9

97 48.7 36.2 54.4

132 27.7 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 99.071 ng

RT: 13.346 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

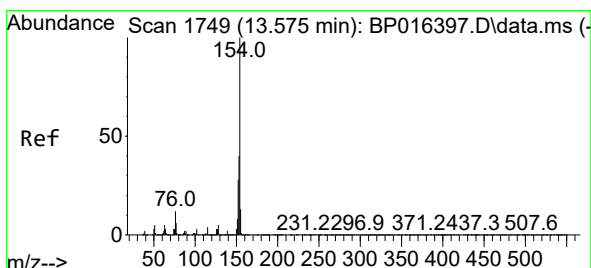
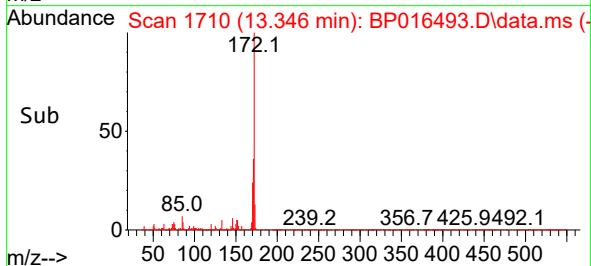
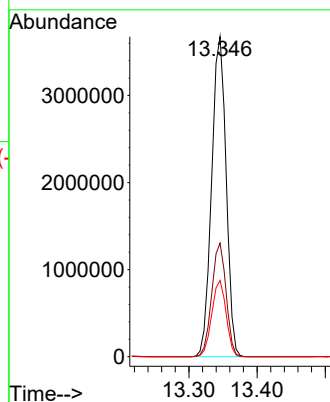
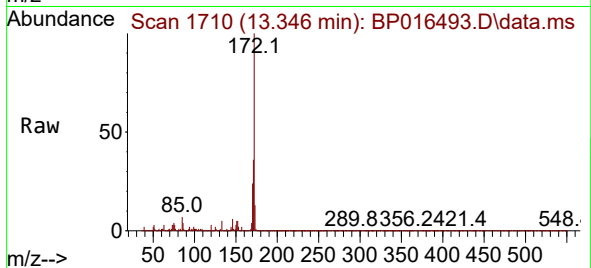
Tgt Ion:172 Resp: 5440714

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 51.037 ng

RT: 13.557 min Scan# 1746

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

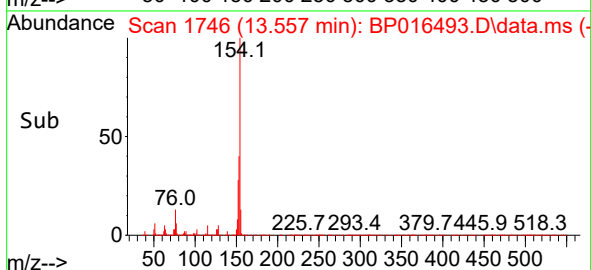
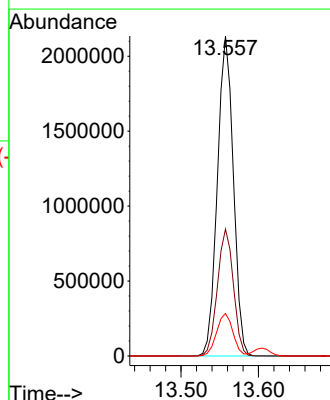
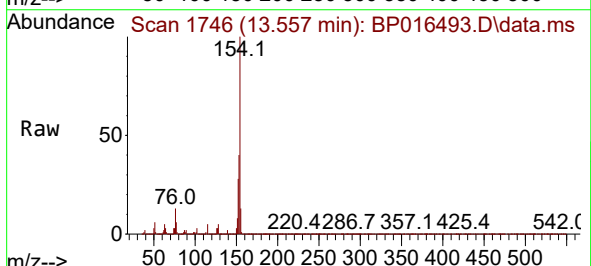
Tgt Ion:154 Resp: 3063125

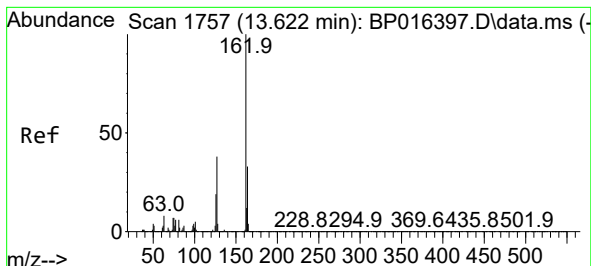
Ion Ratio Lower Upper

154 100

153 39.7 20.1 60.1

76 13.3 0.0 32.5

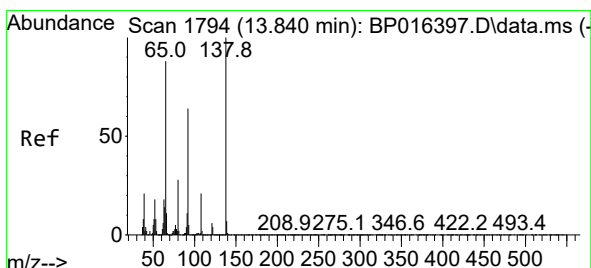
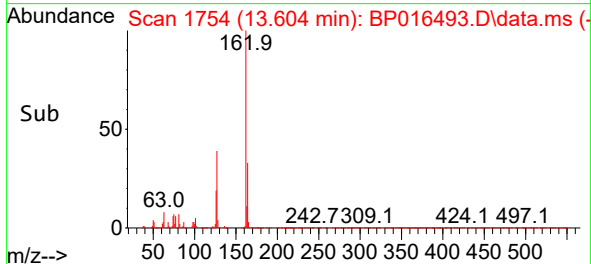
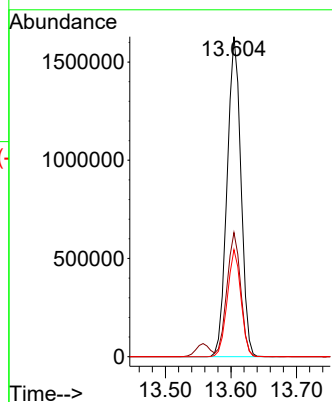
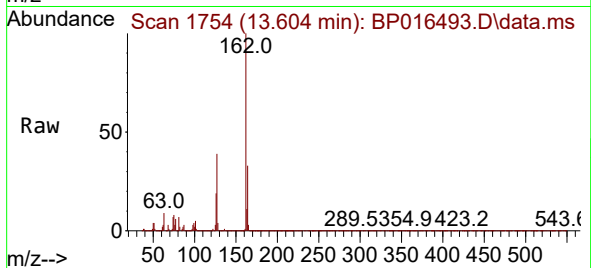




#47
2-Chloronaphthalene
Concen: 52.565 ng
RT: 13.604 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

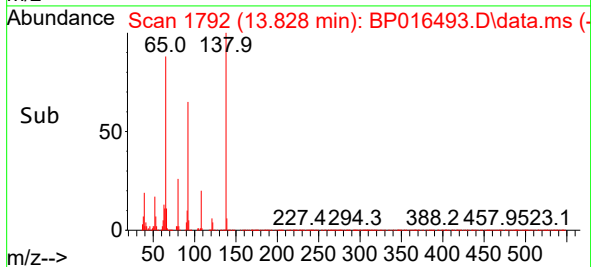
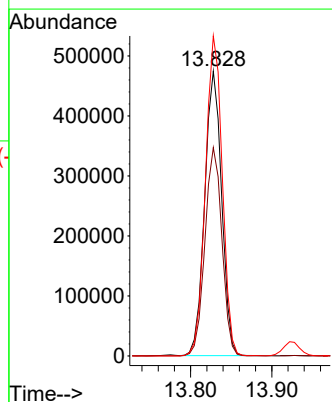
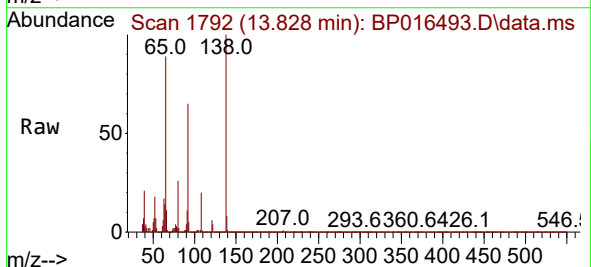
Instrument :
BNA_P
ClientSampleId :
PB154350BS

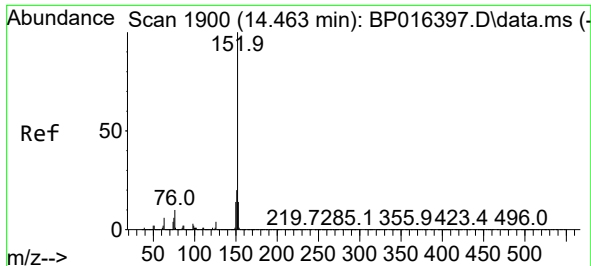
Tgt Ion:162 Resp: 2380097
Ion Ratio Lower Upper
162 100
127 38.8 30.1 45.1
164 33.5 26.6 39.8



#48
2-Nitroaniline
Concen: 53.852 ng
RT: 13.828 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion: 65 Resp: 687334
Ion Ratio Lower Upper
65 100
92 73.2 58.2 87.4
138 112.4 91.3 136.9

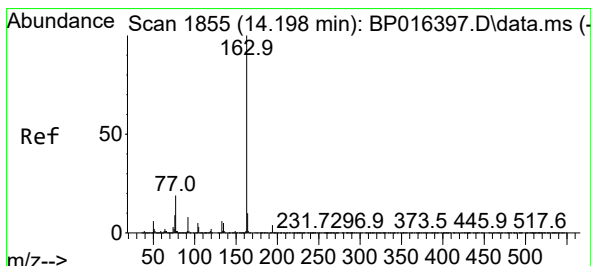
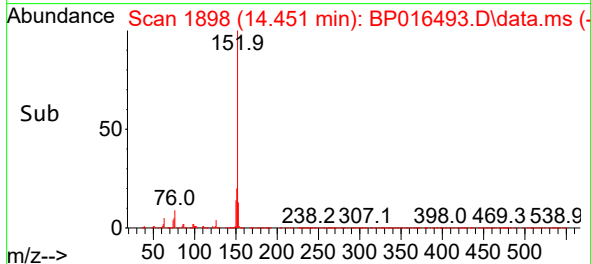
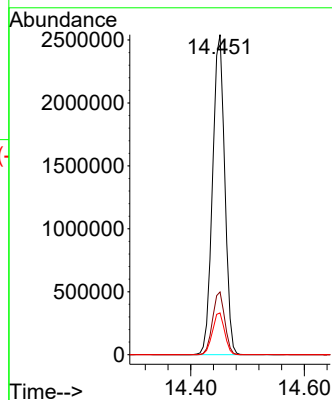
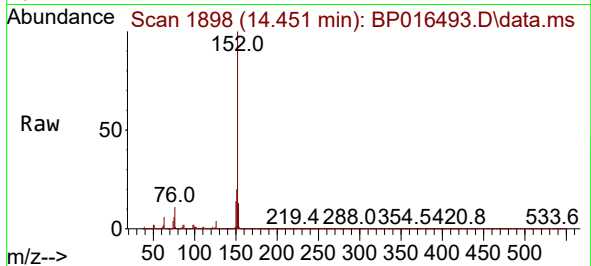




#49
Acenaphthylene
Concen: 50.082 ng
RT: 14.451 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

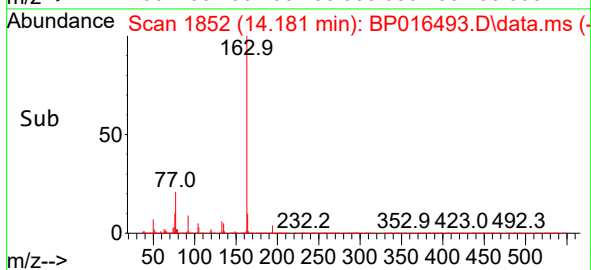
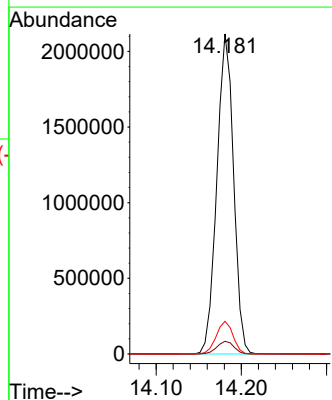
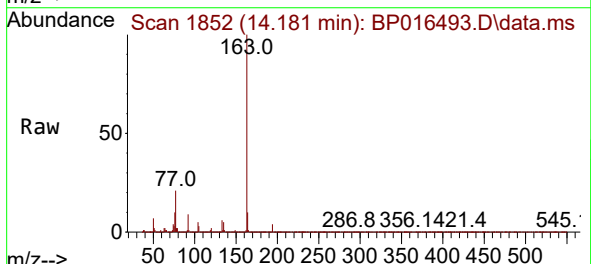
Instrument :
BNA_P
ClientSampleId :
PB154350BS

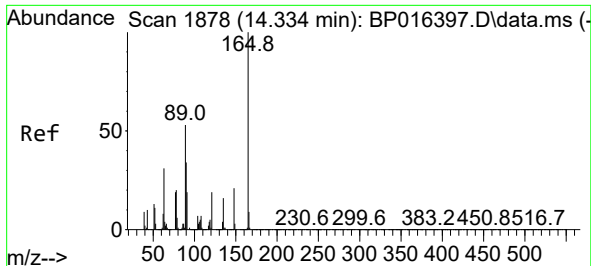
Tgt Ion:152 Resp: 3762520
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 46.936 ng
RT: 14.181 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:163 Resp: 2879723
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.2 8.2 12.2

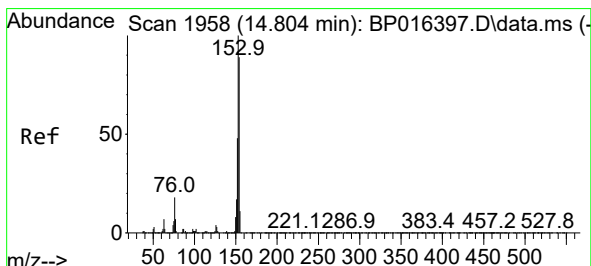
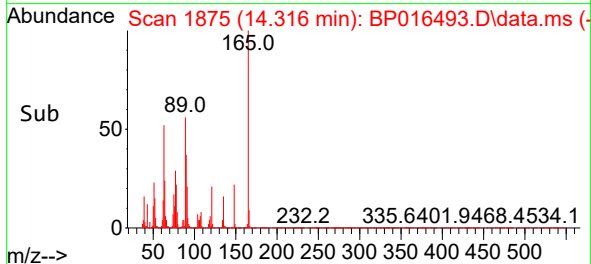
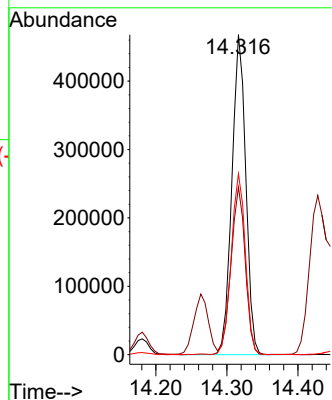
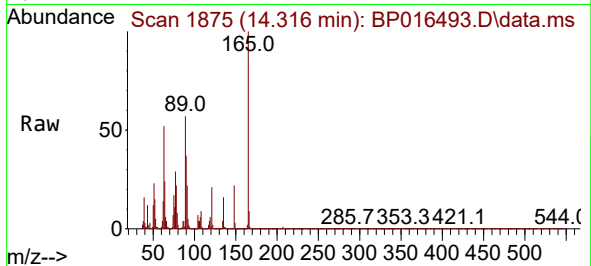




#51
2,6-Dinitrotoluene
Concen: 50.655 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

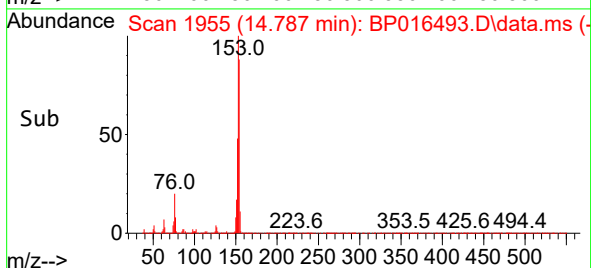
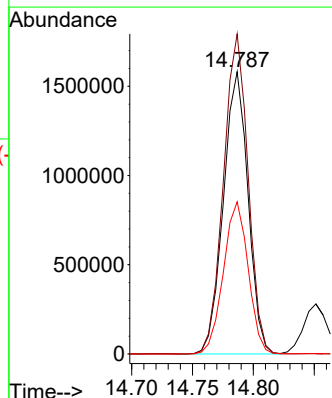
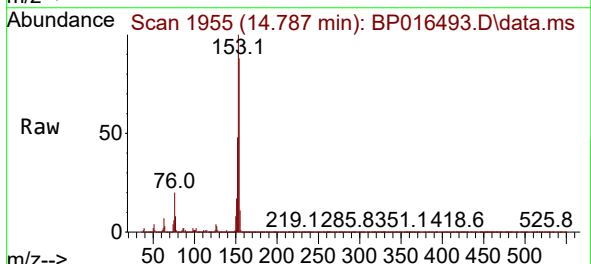
Instrument :
BNA_P
ClientSampleId :
PB154350BS

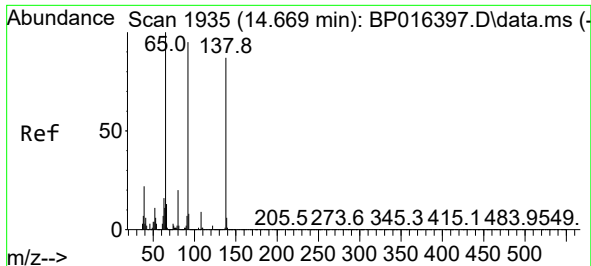
Tgt Ion:165 Resp: 636691
Ion Ratio Lower Upper
165 100
63 52.3 39.1 58.7
89 56.5 42.5 63.7



#52
Acenaphthene
Concen: 49.857 ng
RT: 14.787 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:154 Resp: 2227333
Ion Ratio Lower Upper
154 100
153 113.4 90.4 135.6
152 53.9 43.4 65.0

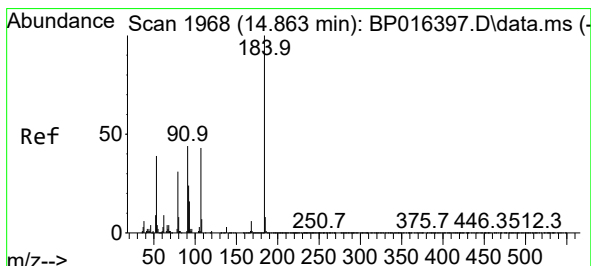
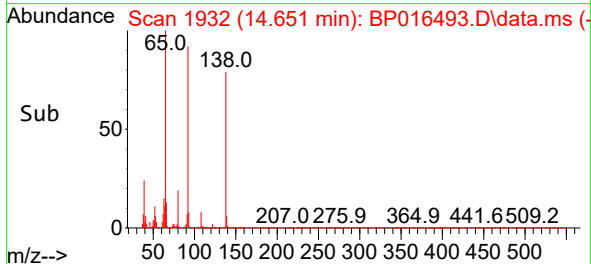
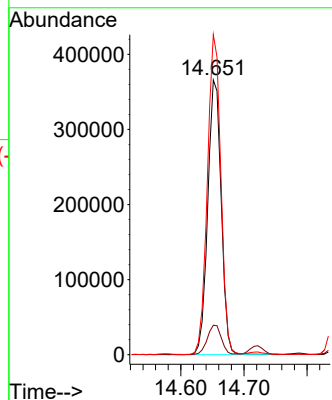
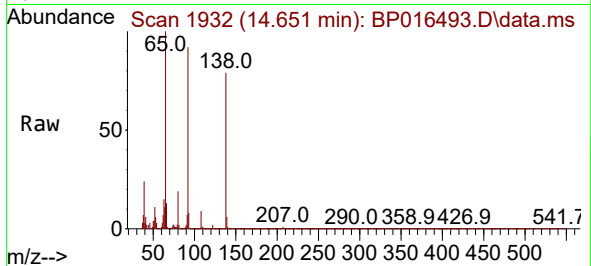




#53
3-Nitroaniline
Concen: 38.098 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

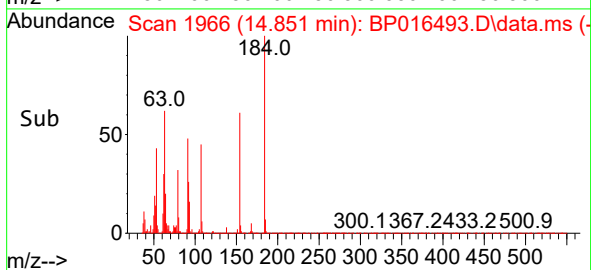
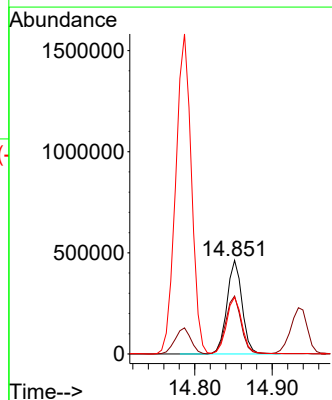
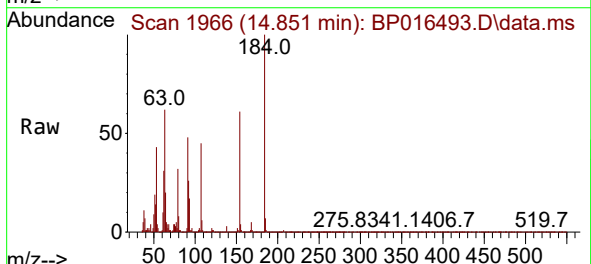
Instrument :
BNA_P
ClientSampleId :
PB154350BS

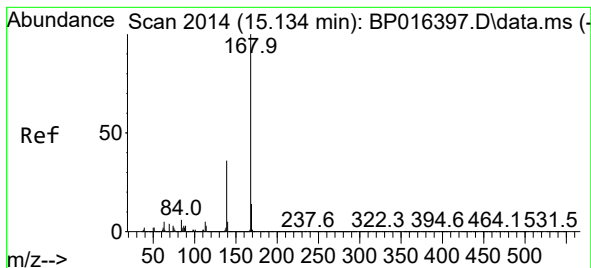
Tgt Ion:138 Resp: 541383
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 116.5 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 104.079 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:184 Resp: 627735
Ion Ratio Lower Upper
184 100
63 62.0 48.2 72.4
154 60.7 49.6 74.4





#55

Dibenzofuran

Concen: 48.113 ng

RT: 15.122 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

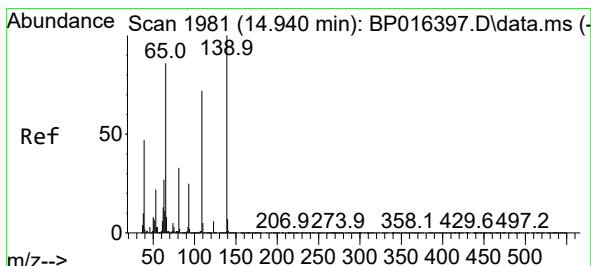
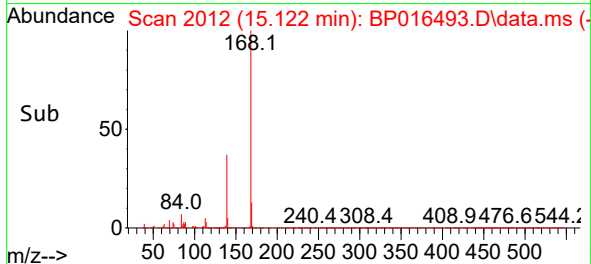
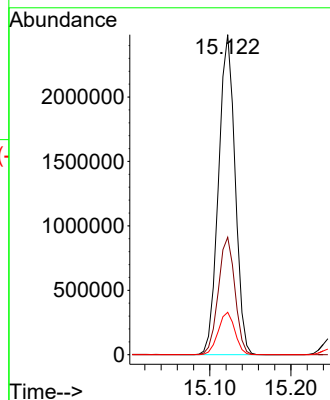
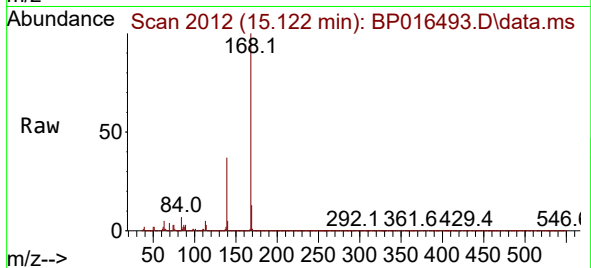
Tgt Ion:168 Resp: 3525244

Ion Ratio Lower Upper

168 100

139 36.7 28.9 43.3

169 13.2 11.0 16.4



#56

4-Nitrophenol

Concen: 114.531 ng

RT: 14.934 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

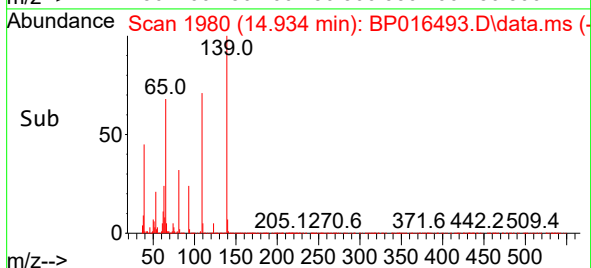
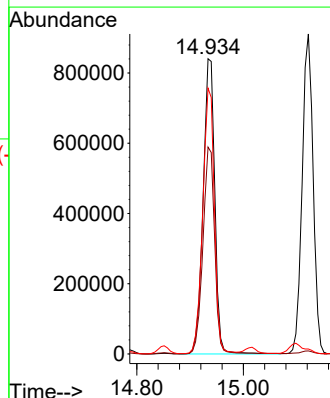
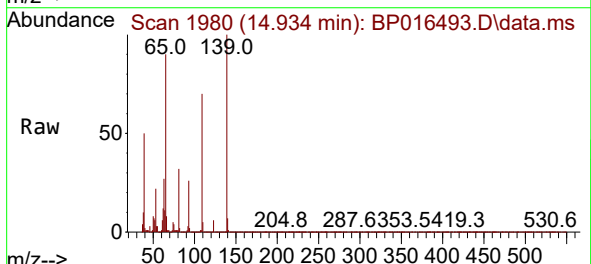
Tgt Ion:139 Resp: 1274003

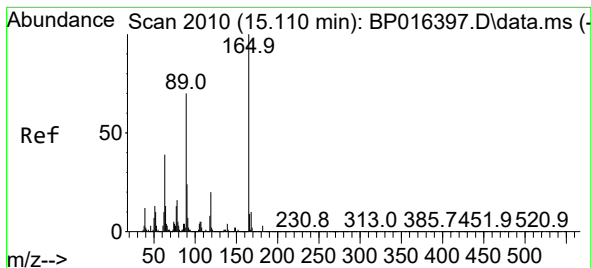
Ion Ratio Lower Upper

139 100

109 70.1 51.9 91.9

65 90.0 66.2 106.2

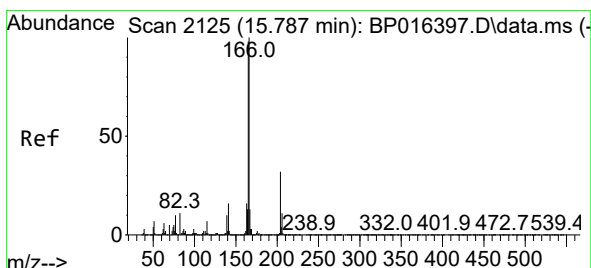
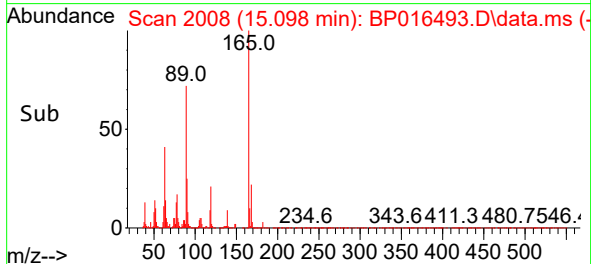
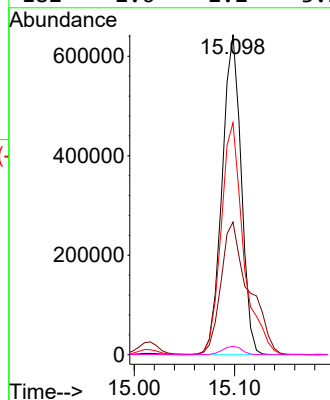
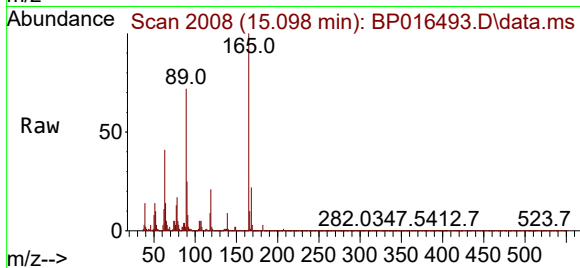




#57
2,4-Dinitrotoluene
Concen: 51.722 ng
RT: 15.098 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

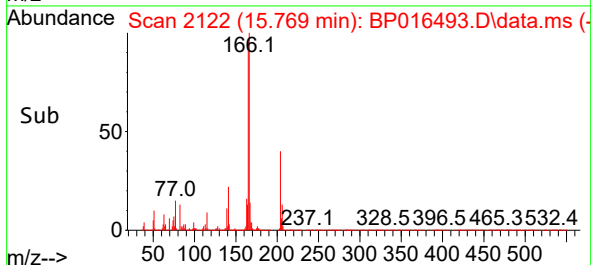
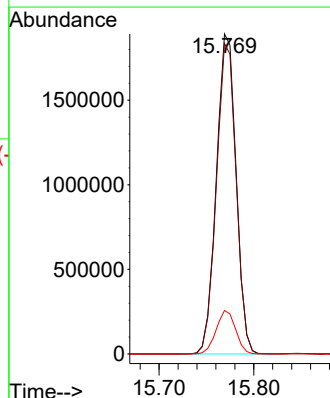
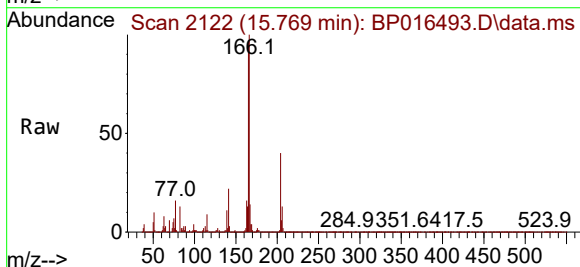
Instrument :
BNA_P
ClientSampleId :
PB154350BS

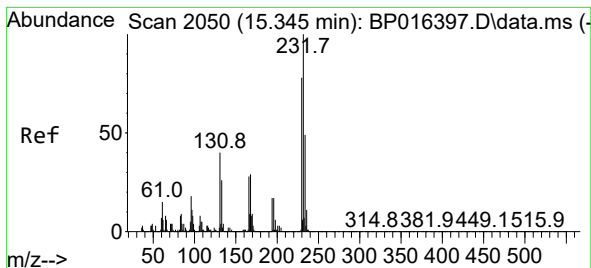
Tgt Ion:165 Resp: 847259
Ion Ratio Lower Upper
165 100
63 41.5 31.4 47.0
89 72.5 55.8 83.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 47.633 ng
RT: 15.769 min Scan# 2122
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:166 Resp: 2741862
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 13.6 10.6 16.0

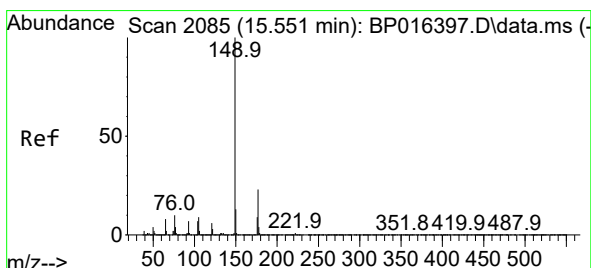
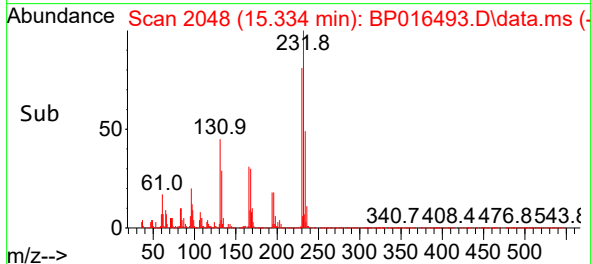
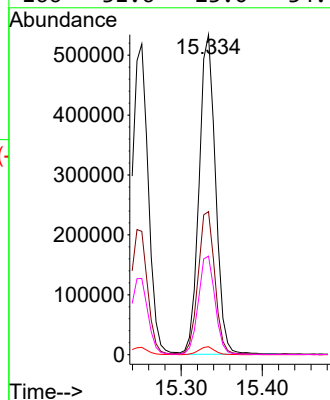
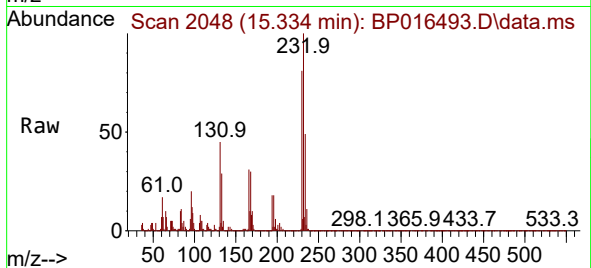




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.936 ng
RT: 15.334 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

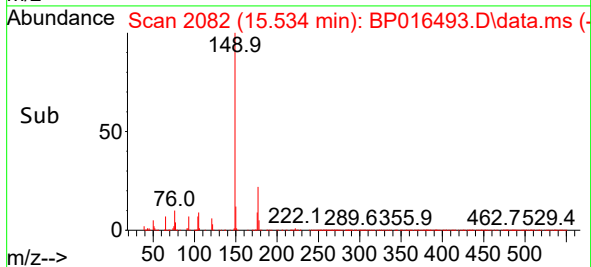
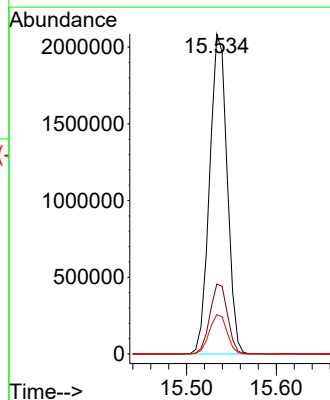
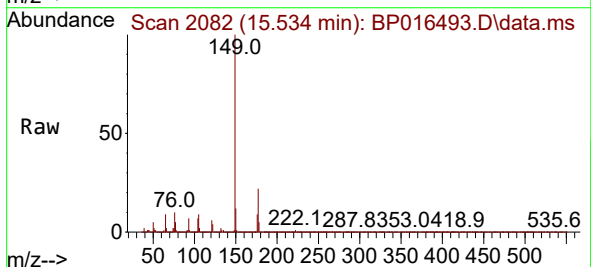
Instrument :
BNA_P
ClientSampleId :
PB154350BS

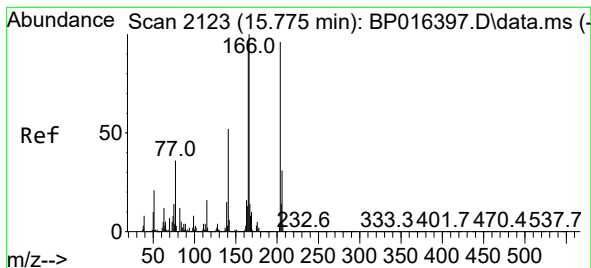
Tgt Ion:232 Resp: 749779
Ion Ratio Lower Upper
232 100
131 45.6 33.1 49.7
130 2.4 1.8 2.8
166 31.6 23.0 34.4



#60
Diethylphthalate
Concen: 46.336 ng
RT: 15.534 min Scan# 2082
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:149 Resp: 2825255
Ion Ratio Lower Upper
149 100
177 21.9 18.6 27.8
150 12.3 10.1 15.1

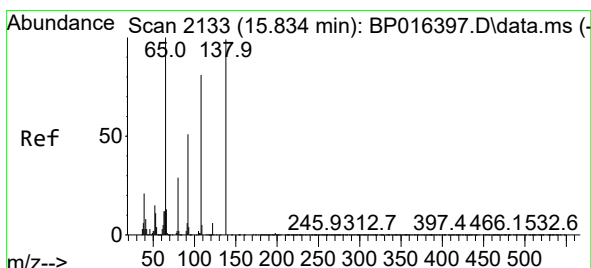
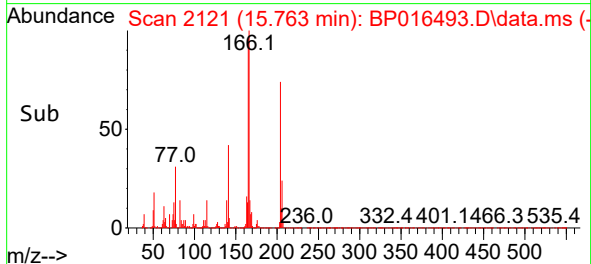
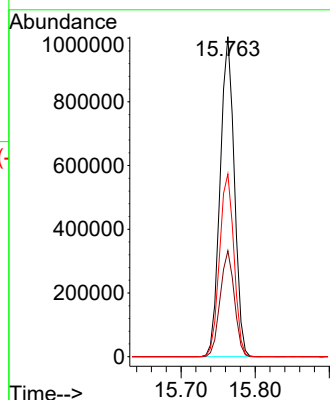
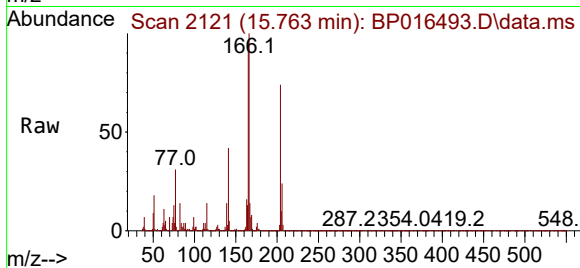




#61
4-Chlorophenyl-phenylether
Concen: 45.991 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

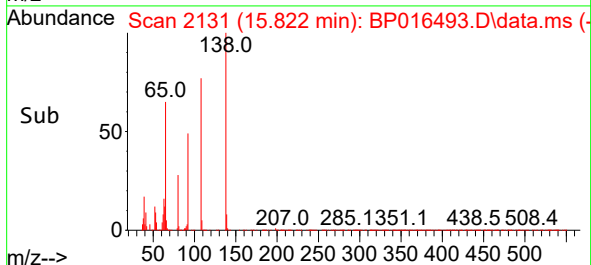
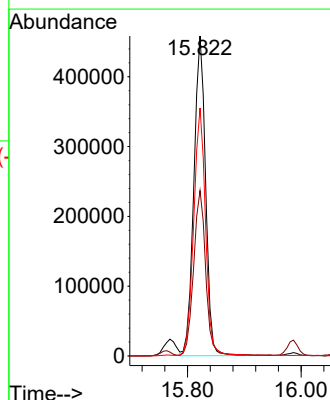
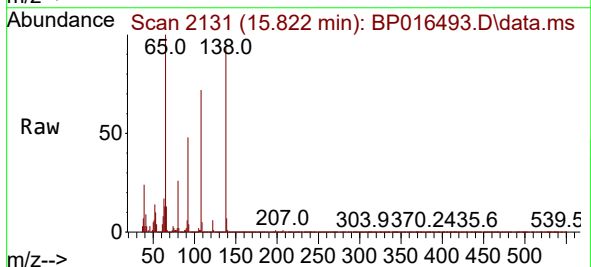
Instrument :
BNA_P
ClientSampleId :
PB154350BS

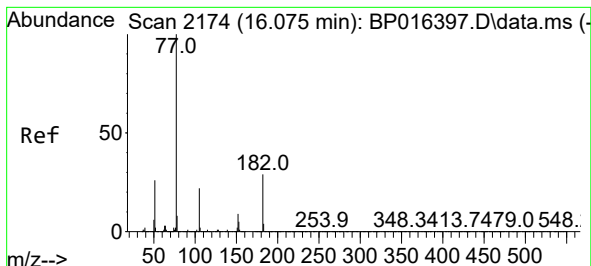
Tgt Ion:204 Resp: 1335924
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 57.1 43.4 65.0



#62
4-Nitroaniline
Concen: 46.785 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:138 Resp: 659778
Ion Ratio Lower Upper
138 100
92 51.7 30.3 70.3
108 77.5 60.1 100.1





#63

Azobenzene

Concen: 48.856 ng

RT: 16.057 min Scan# 2174

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

Tgt Ion: 77 Resp: 2812725

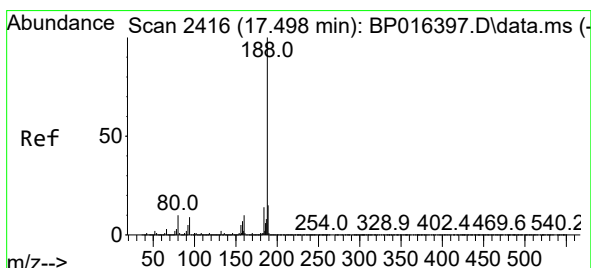
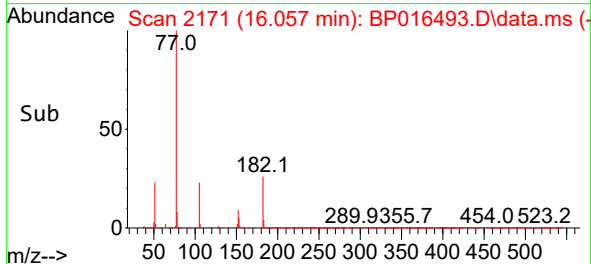
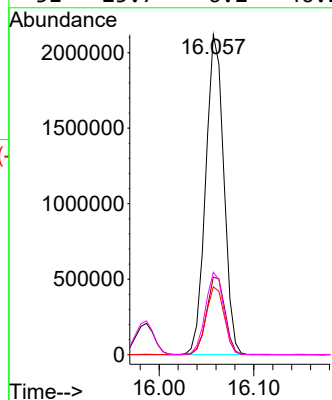
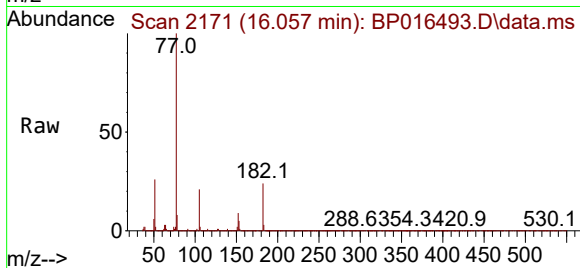
Ion Ratio Lower Upper

77 100

182 24.2 8.6 48.6

105 21.2 2.4 42.4

51 25.7 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

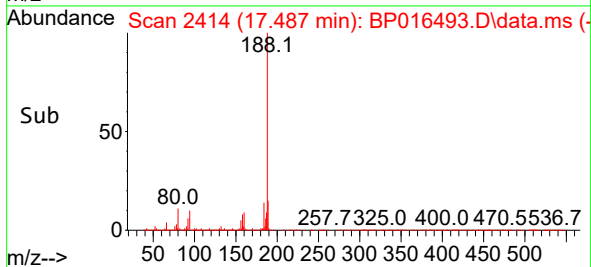
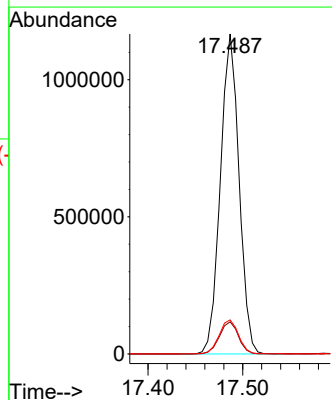
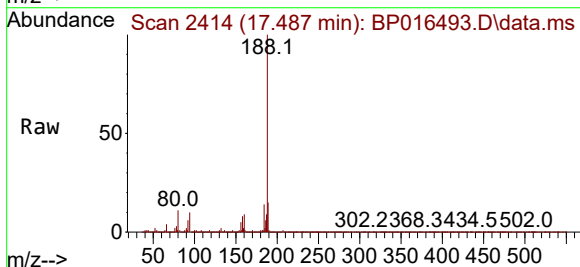
Tgt Ion:188 Resp: 1600875

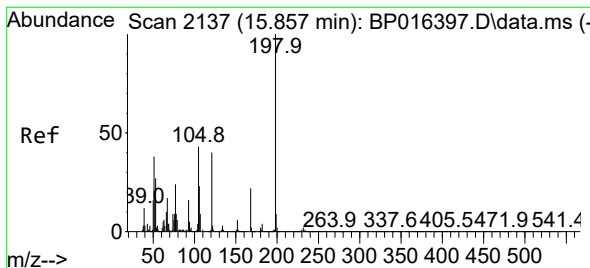
Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.7 7.8 11.8

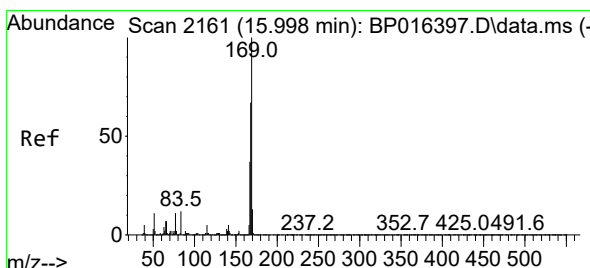
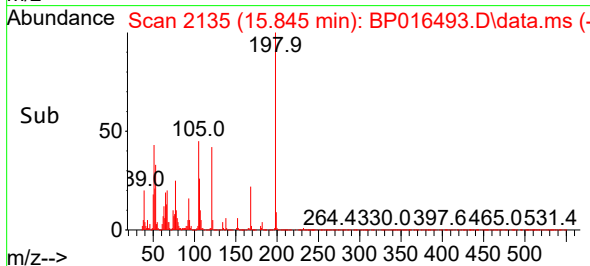
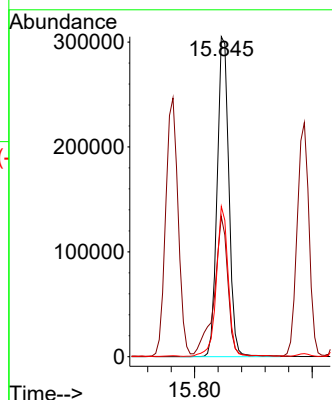
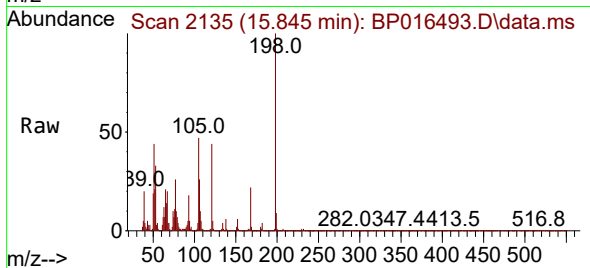




#65
4,6-Dinitro-2-methylphenol
Concen: 55.150 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

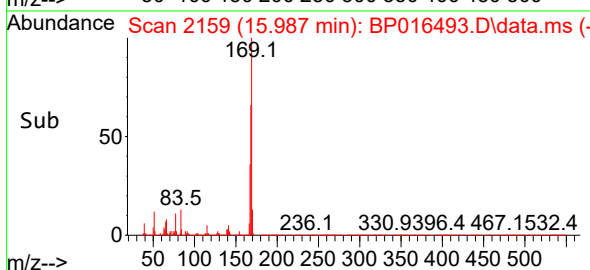
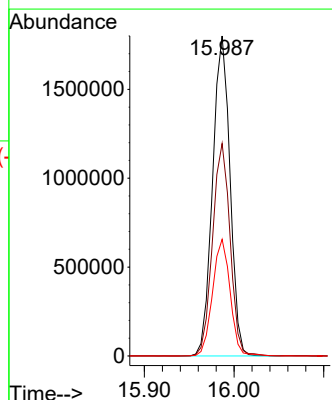
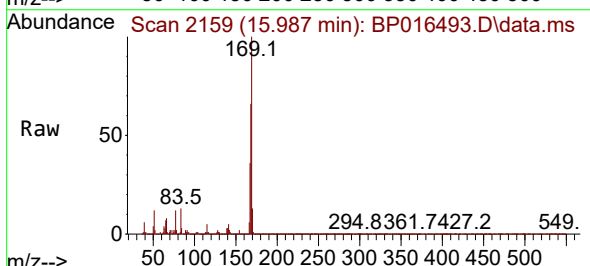
Instrument :
BNA_P
ClientSampleId :
PB154350BS

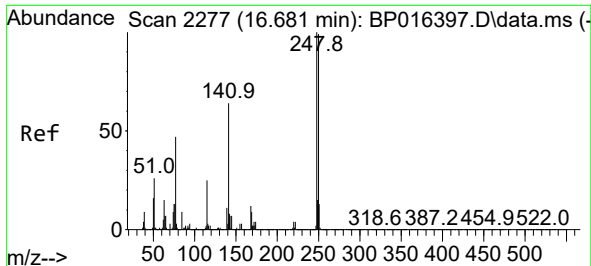
Tgt Ion:198 Resp: 421505
Ion Ratio Lower Upper
198 100
51 43.7 20.1 60.1
105 47.0 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 51.345 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:169 Resp: 2422421
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.5 29.2 43.8

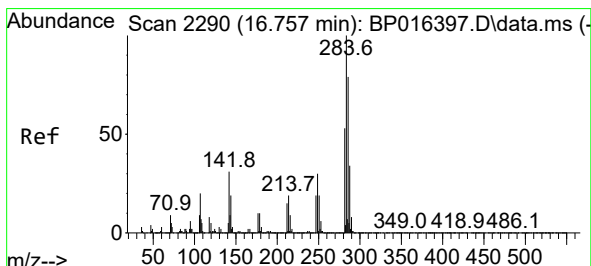
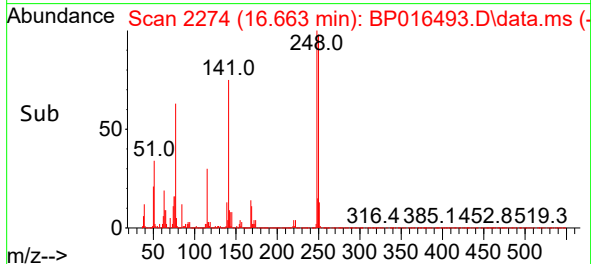
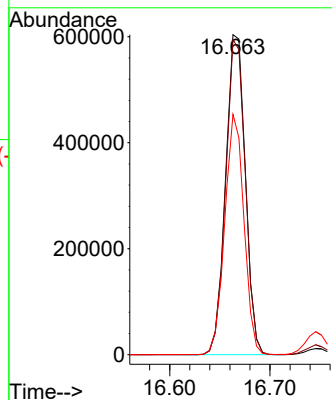
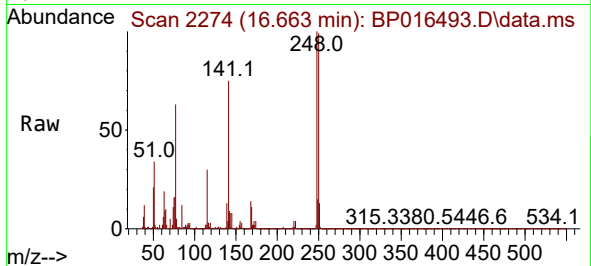




#67
4-Bromophenyl-phenylether
Concen: 48.868 ng
RT: 16.663 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

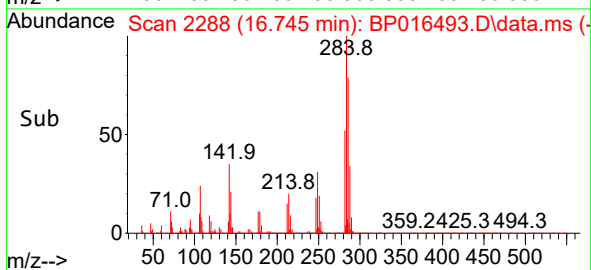
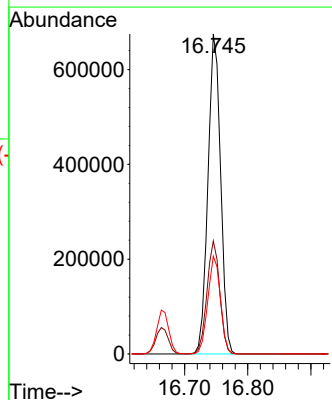
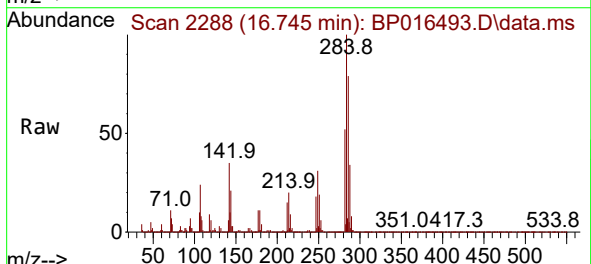
Instrument :
BNA_P
ClientSampleId :
PB154350BS

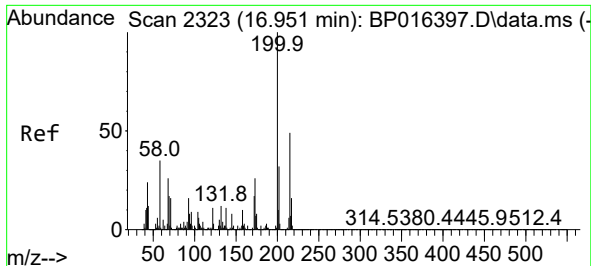
Tgt Ion:248 Resp: 828379
Ion Ratio Lower Upper
248 100
250 98.5 78.9 118.3
141 75.1 51.0 76.4



#68
Hexachlorobenzene
Concen: 49.638 ng
RT: 16.745 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:284 Resp: 938340
Ion Ratio Lower Upper
284 100
142 35.3 25.2 37.8
249 30.6 26.0 39.0

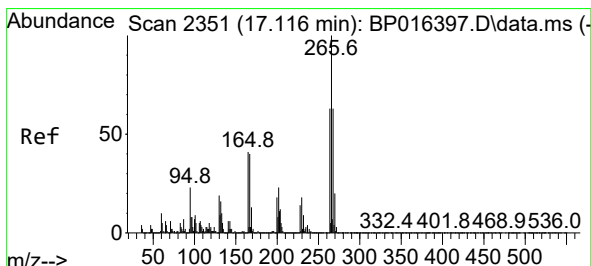
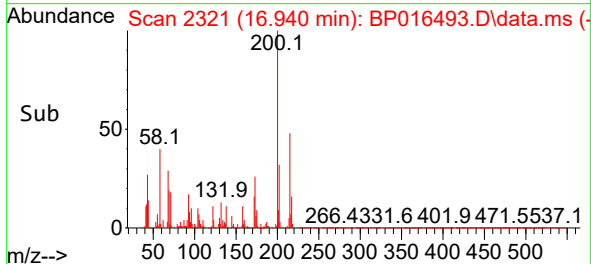
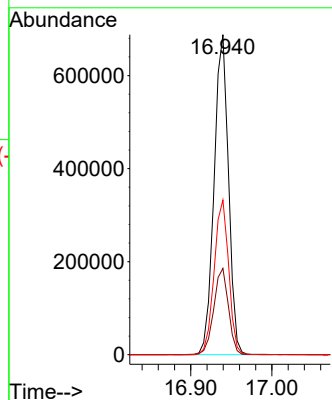
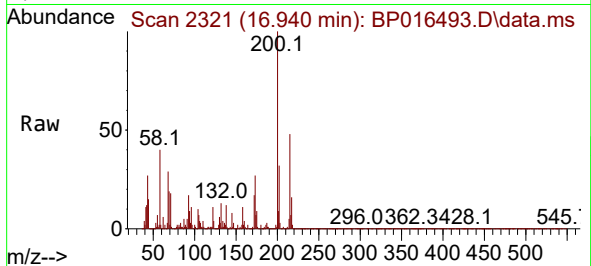




#69
Atrazine
Concen: 60.362 ng
RT: 16.940 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

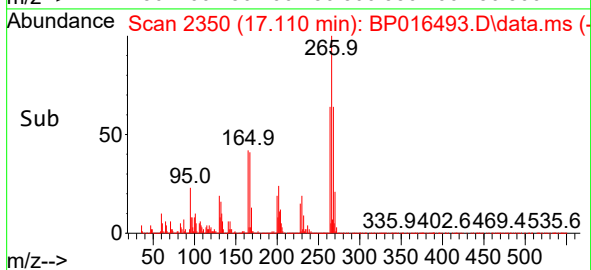
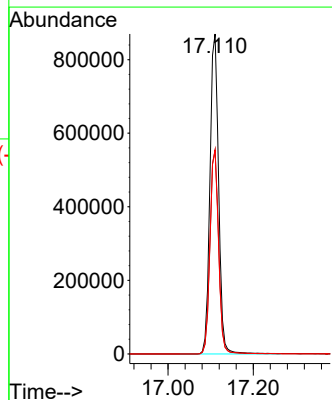
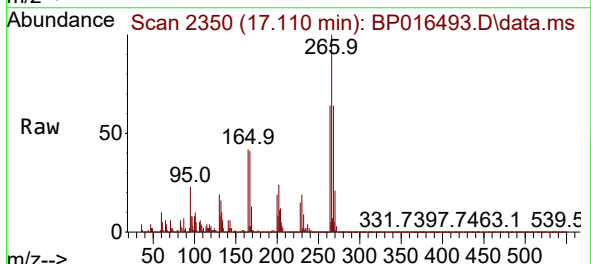
Instrument :
BNA_P
ClientSampleId :
PB154350BS

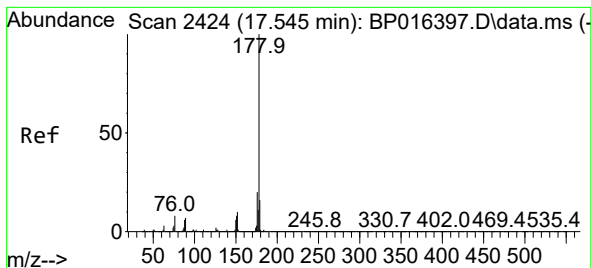
Tgt Ion:200 Resp: 846939
Ion Ratio Lower Upper
200 100
173 26.9 5.8 45.8
215 48.4 29.2 69.2



#70
Pentachlorophenol
Concen: 94.041 ng
RT: 17.110 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:266 Resp: 1230213
Ion Ratio Lower Upper
266 100
268 63.7 53.9 80.9
264 63.6 54.9 82.3





#71

Phenanthrene

Concen: 50.703 ng

RT: 17.528 min Scan# 2421

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

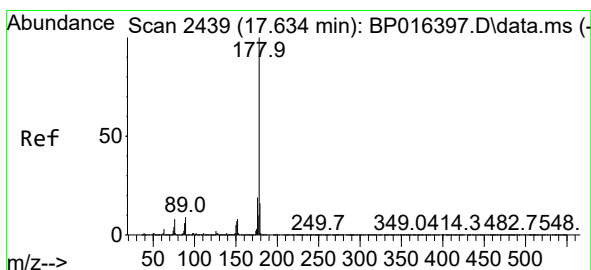
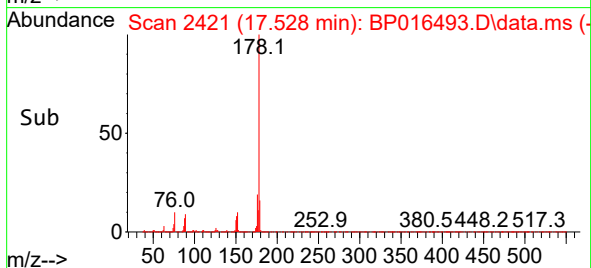
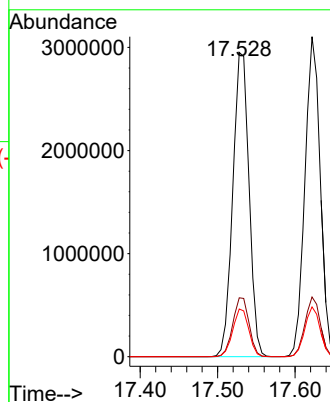
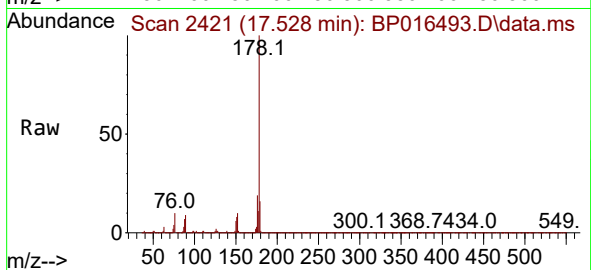
Tgt Ion:178 Resp: 4310029

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.7 12.4 18.6



#72

Anthracene

Concen: 50.188 ng

RT: 17.622 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

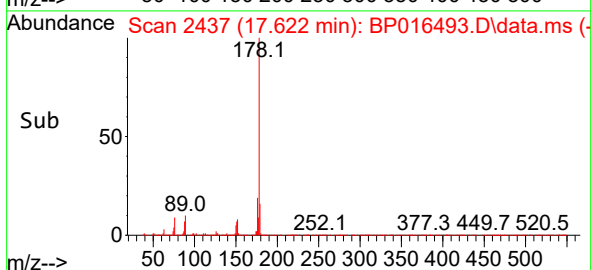
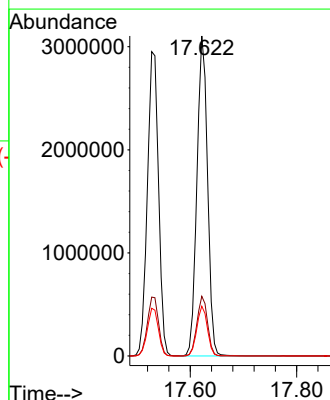
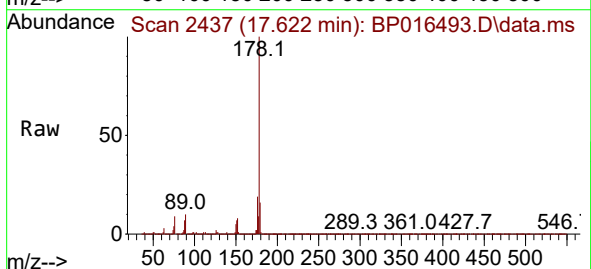
Tgt Ion:178 Resp: 4289856

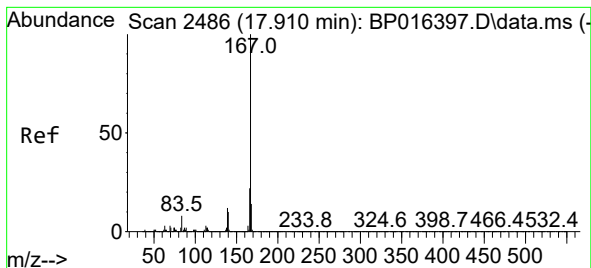
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.5 12.6 19.0





#73

Carbazole

Concen: 50.947 ng

RT: 17.898 min Scan# 2486

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

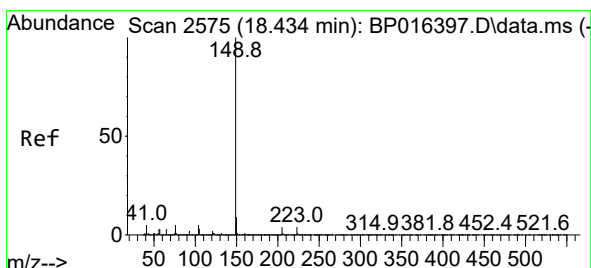
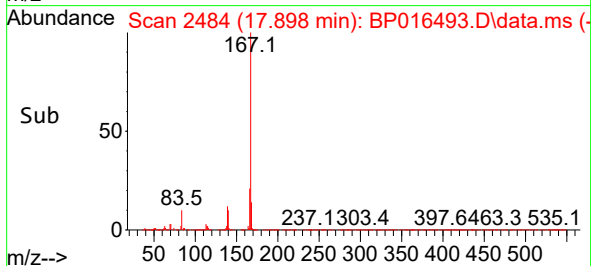
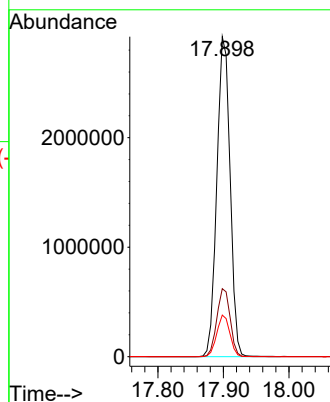
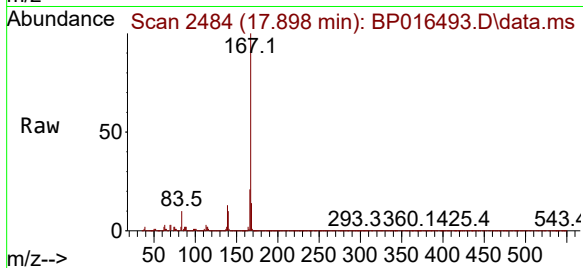
Tgt Ion:167 Resp: 4082775

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.0 9.9 14.9



#74

Di-n-butylphthalate

Concen: 51.448 ng

RT: 18.416 min Scan# 2572

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

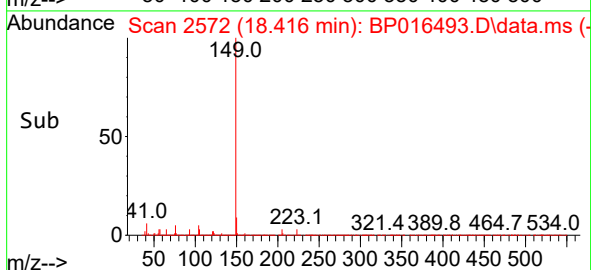
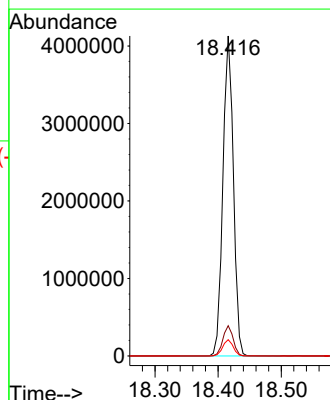
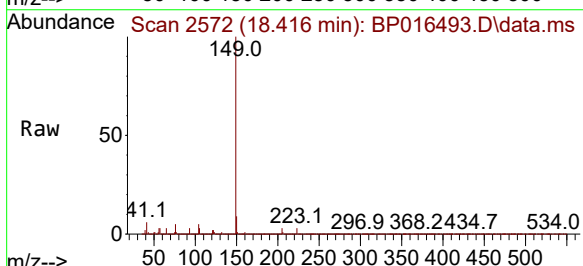
Tgt Ion:149 Resp: 4769952

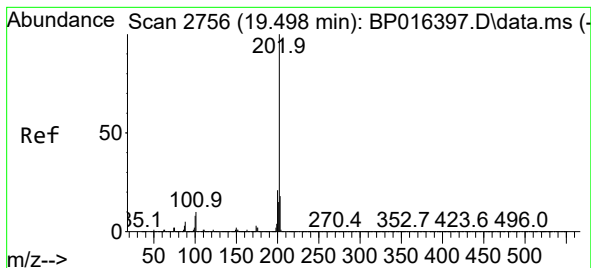
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.1 3.8 5.8





#75

Fluoranthene

Concen: 48.849 ng

RT: 19.486 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

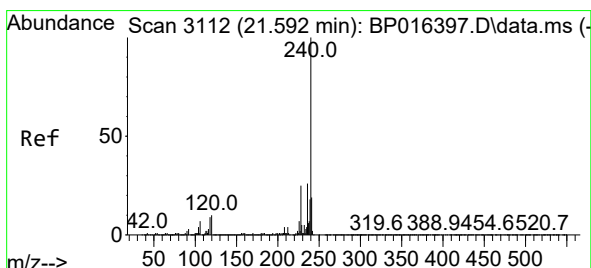
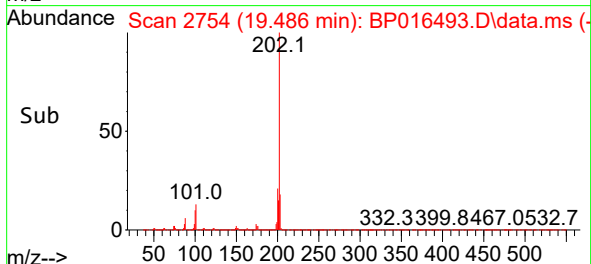
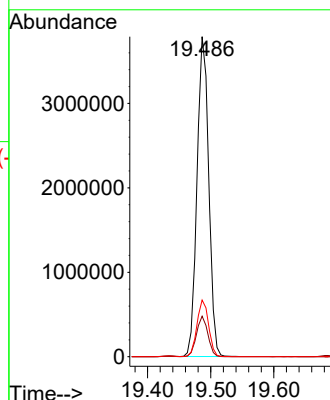
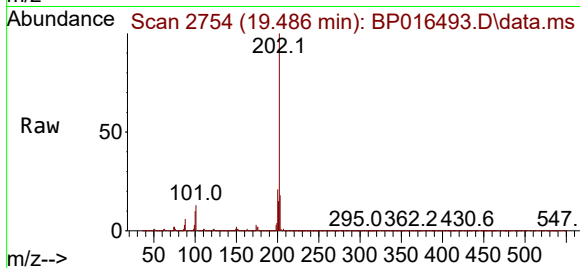
Tgt Ion:202 Resp: 4867043

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.2

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

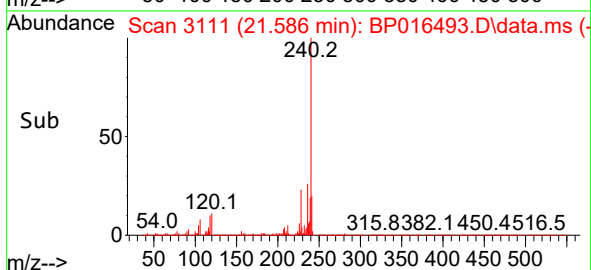
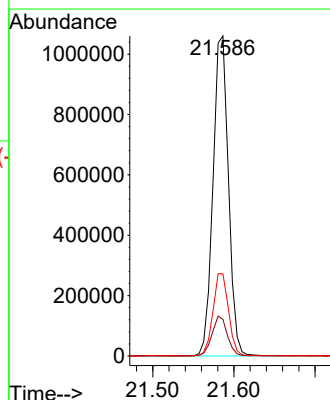
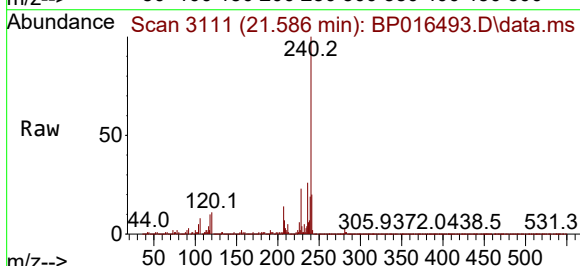
Tgt Ion:240 Resp: 1401035

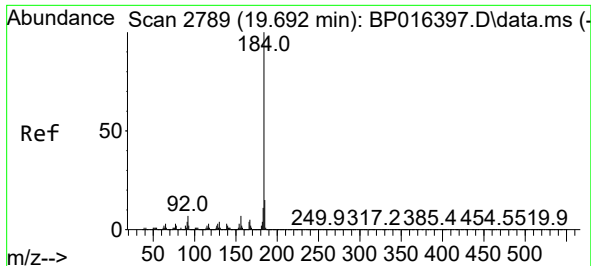
Ion Ratio Lower Upper

240 100

120 11.5 7.9 11.9

236 25.7 21.1 31.7

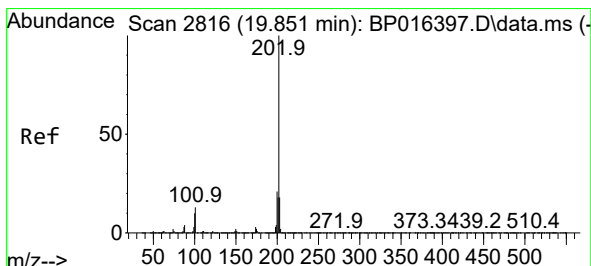
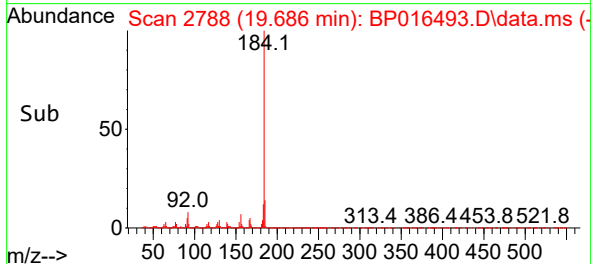
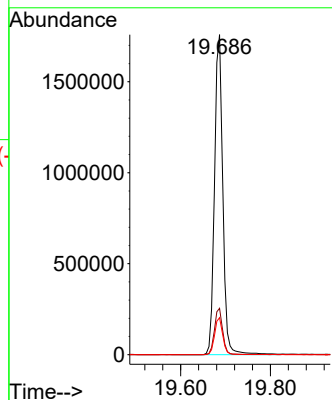
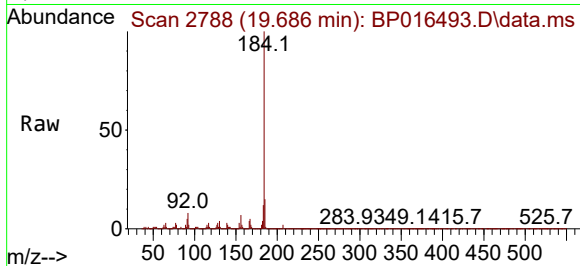




#77
Benzidine
Concen: 92.852 ng
RT: 19.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

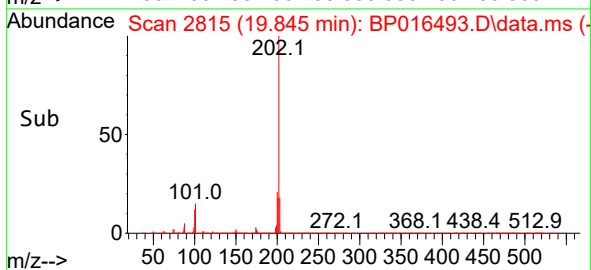
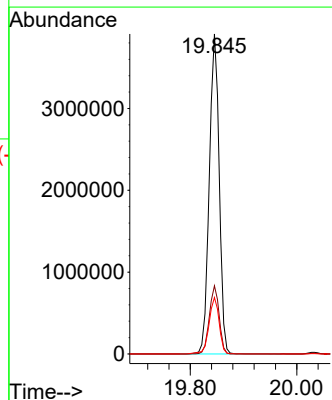
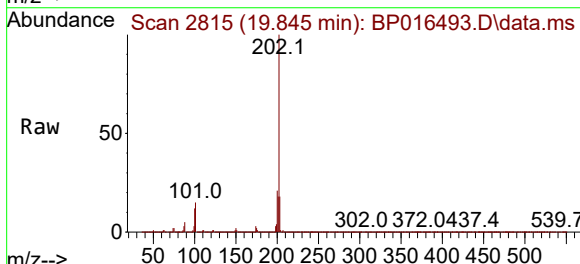
Instrument :
BNA_P
ClientSampleId :
PB154350BS

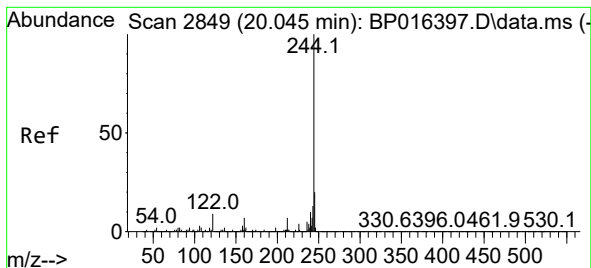
Tgt Ion:184 Resp: 2255447
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.5 9.2 13.8



#78
Pyrene
Concen: 53.608 ng
RT: 19.845 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:202 Resp: 5034783
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 111.631 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

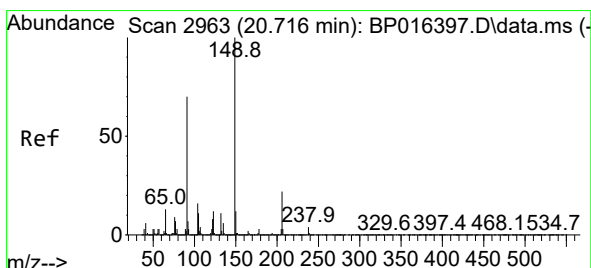
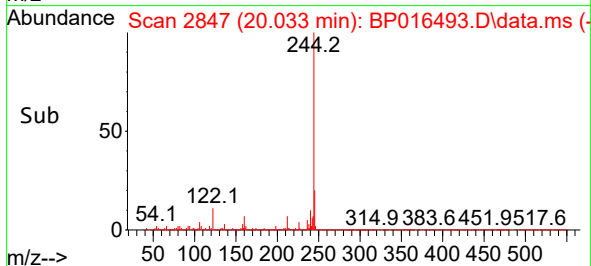
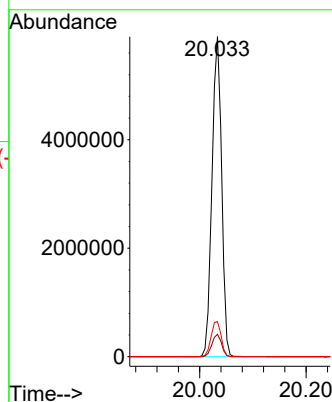
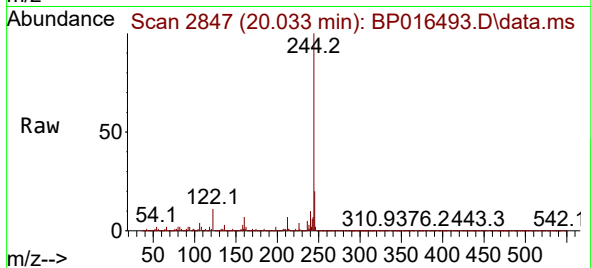
Tgt Ion:244 Resp: 7403756

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.0 7.4 11.2



#80

Butylbenzylphthalate

Concen: 57.572 ng

RT: 20.704 min Scan# 2961

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

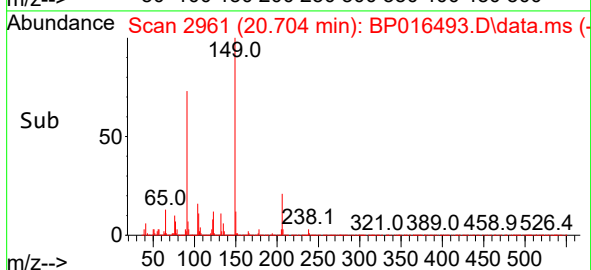
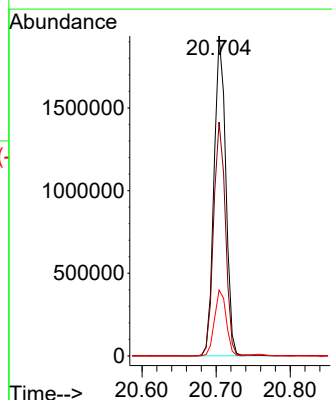
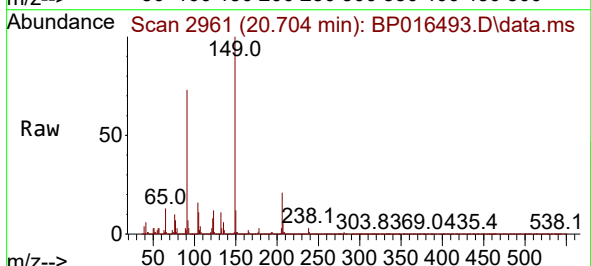
Tgt Ion:149 Resp: 2124221

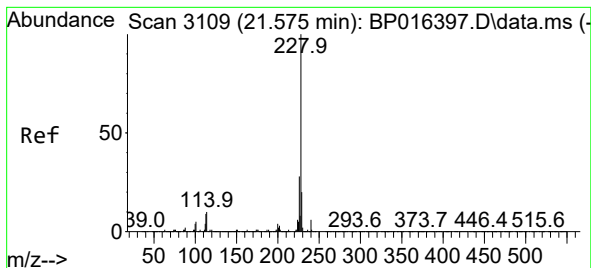
Ion Ratio Lower Upper

149 100

91 73.1 56.1 84.1

206 20.6 17.8 26.6





#81

Benzo(a)anthracene

Concen: 51.316 ng

RT: 21.569 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

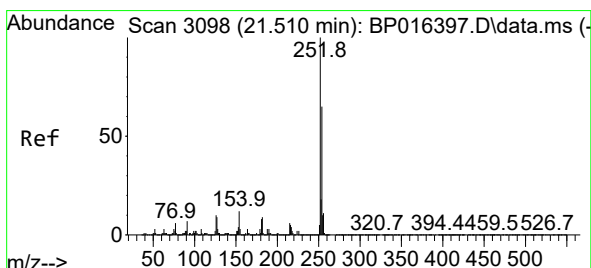
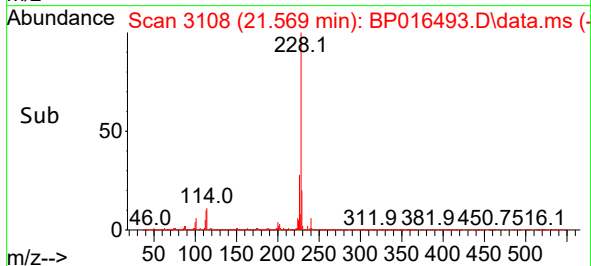
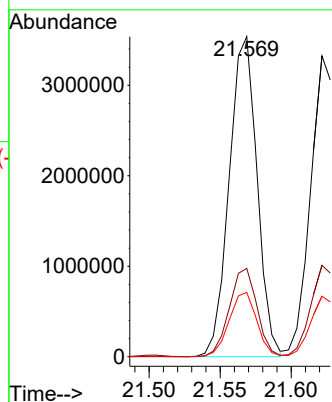
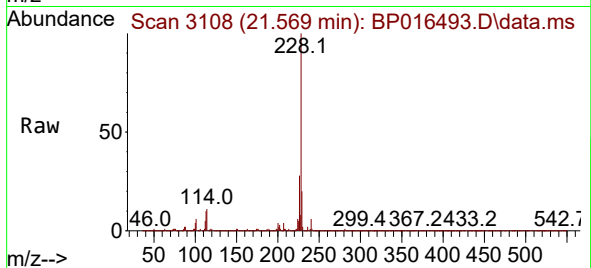
Tgt Ion:228 Resp: 4823844

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

229 20.1 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 44.342 ng

RT: 21.504 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

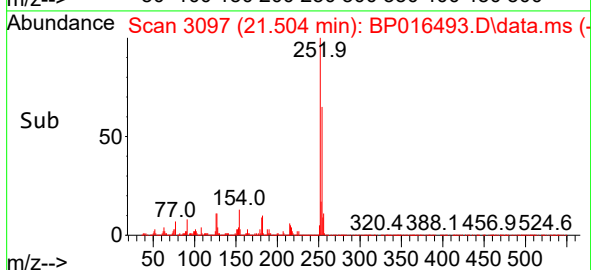
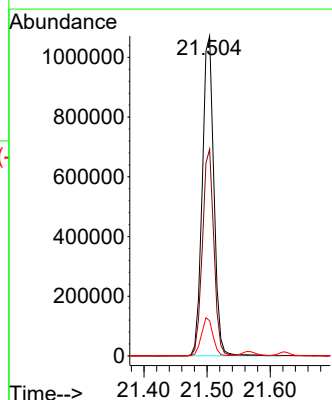
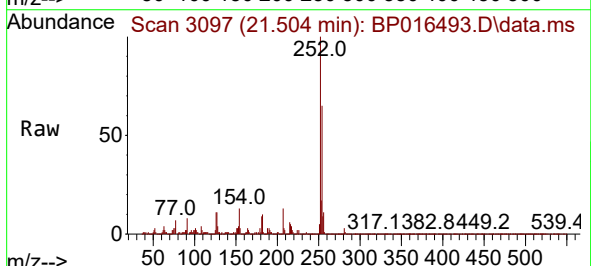
Tgt Ion:252 Resp: 1368308

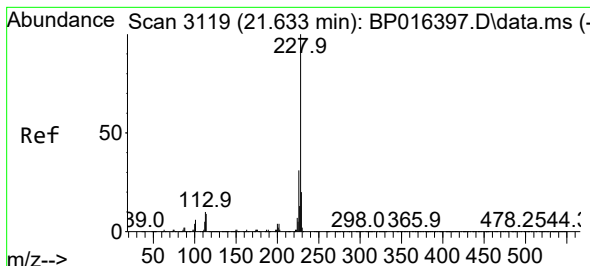
Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.2

126 11.0 7.8 11.6





#83

Chrysene

Concen: 49.876 ng

RT: 21.622 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

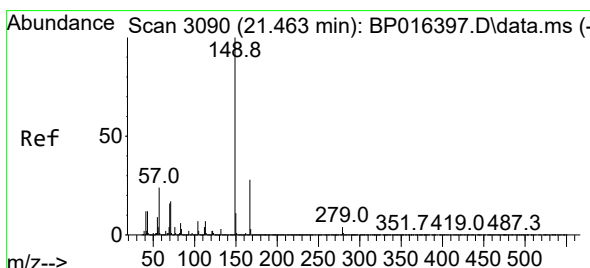
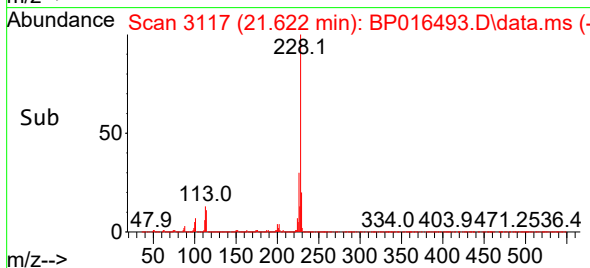
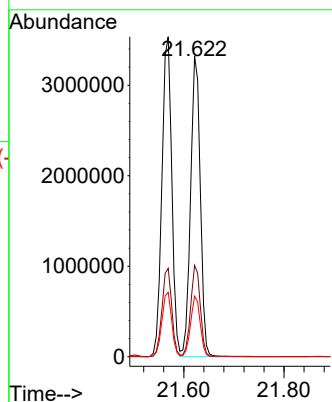
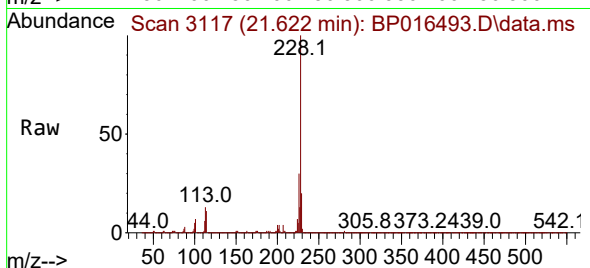
Tgt Ion:228 Resp: 4477142

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.884 ng

RT: 21.451 min Scan# 3088

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

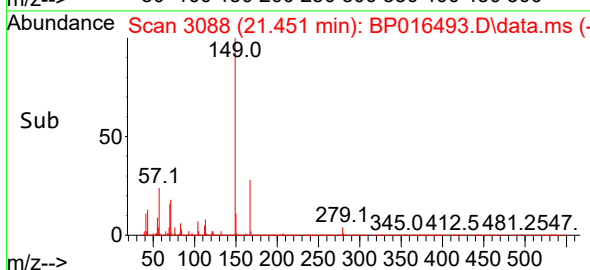
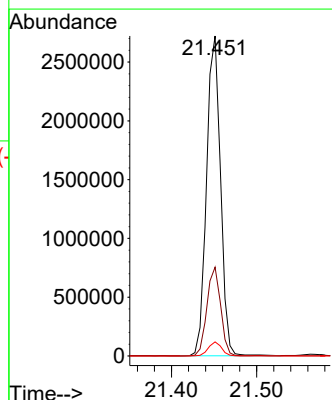
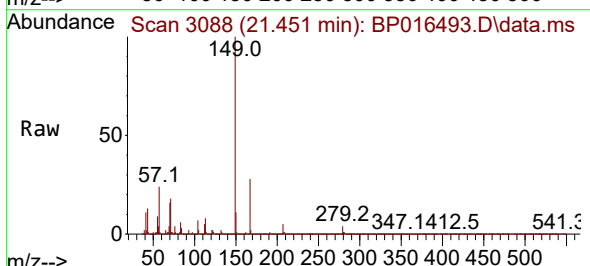
Tgt Ion:149 Resp: 3095676

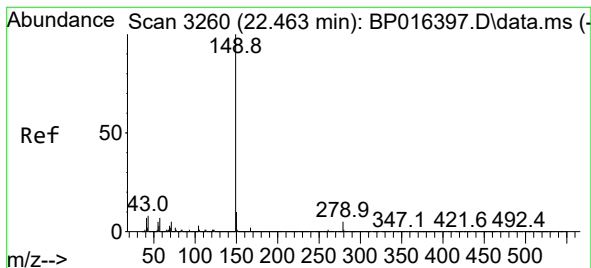
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 57.117 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

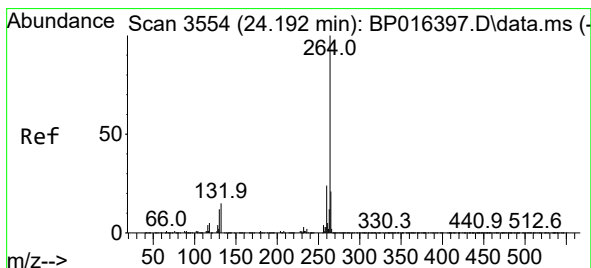
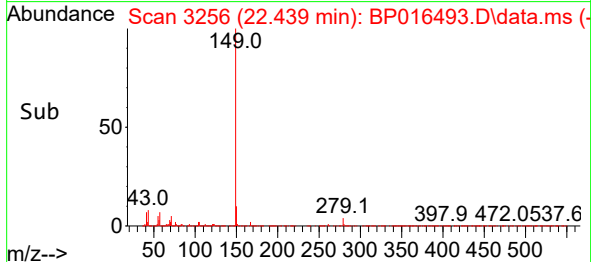
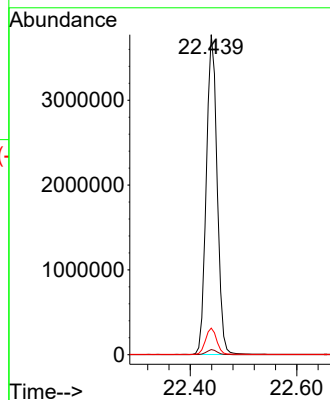
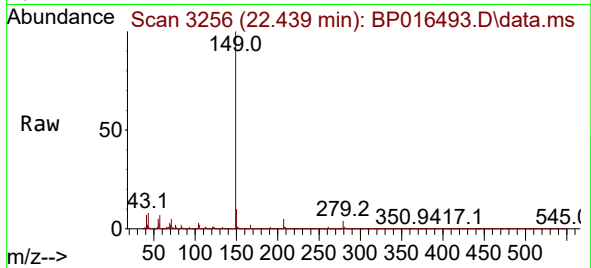
Tgt Ion:149 Resp: 5321309

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

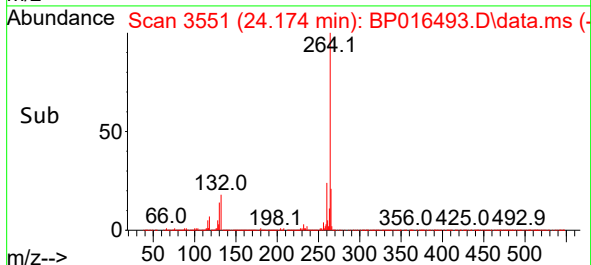
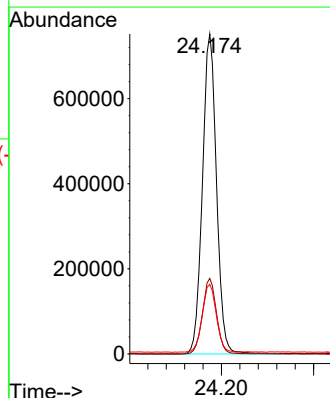
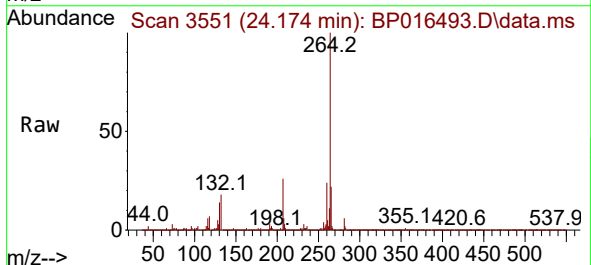
Tgt Ion:264 Resp: 1601460

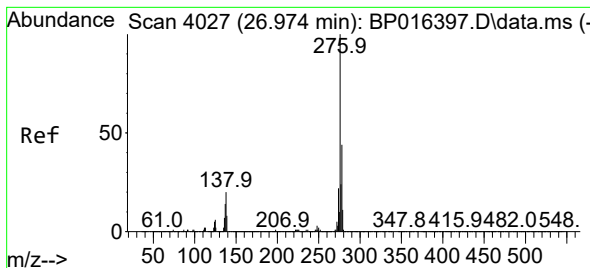
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.349 ng

RT: 26.945 min Scan# 4022

Delta R.T. -0.029 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

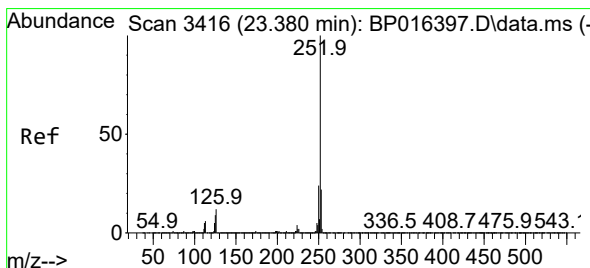
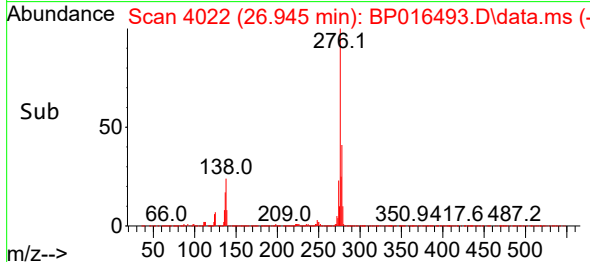
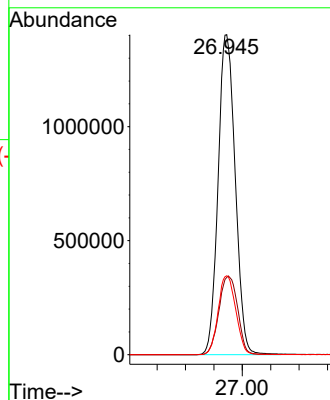
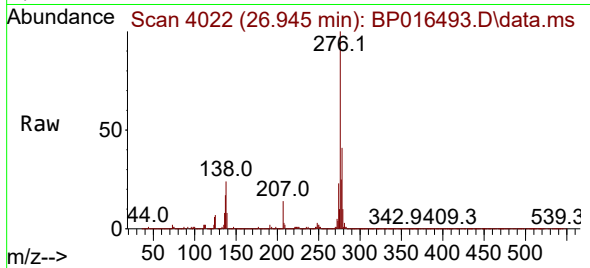
Tgt Ion:276 Resp: 5867930

Ion Ratio Lower Upper

276 100

138 26.9 18.4 27.6

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 54.667 ng

RT: 23.369 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

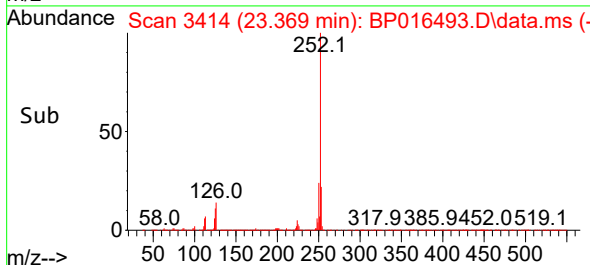
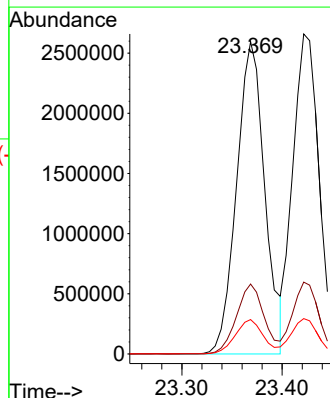
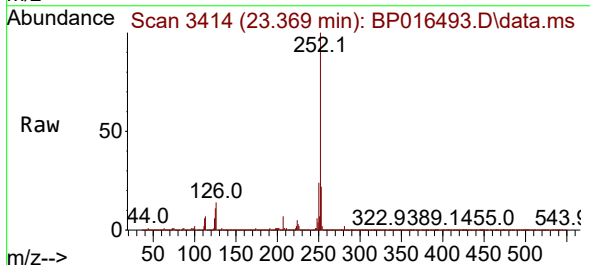
Tgt Ion:252 Resp: 5074817

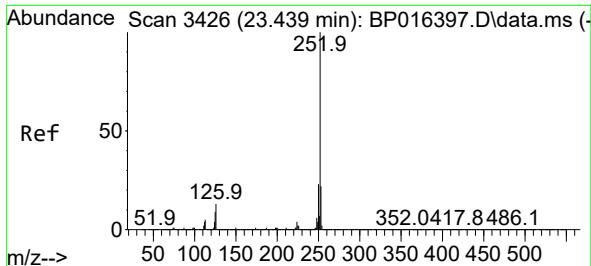
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.0 7.4 11.2

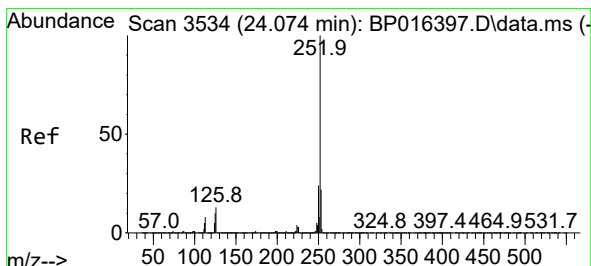
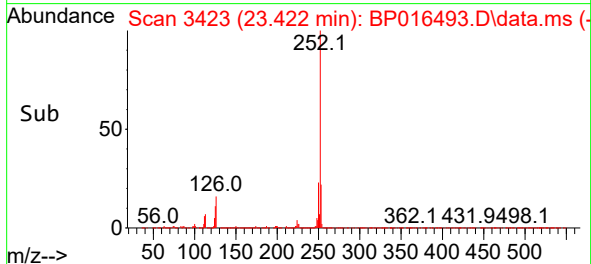
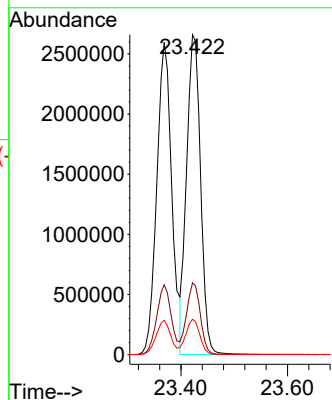
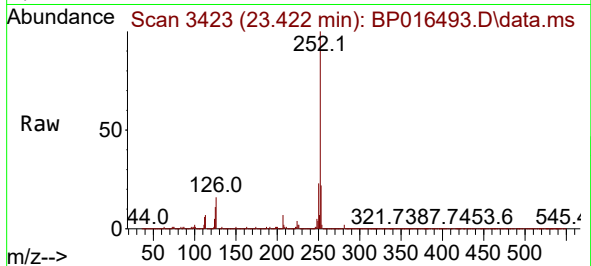




#89
Benzo(k)fluoranthene
Concen: 51.276 ng
RT: 23.422 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

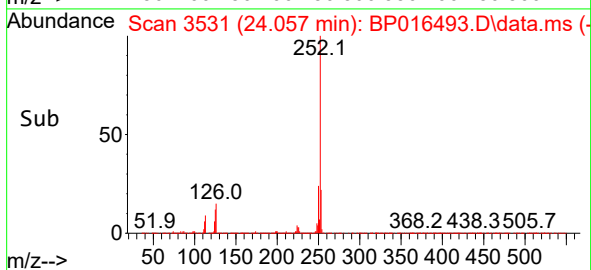
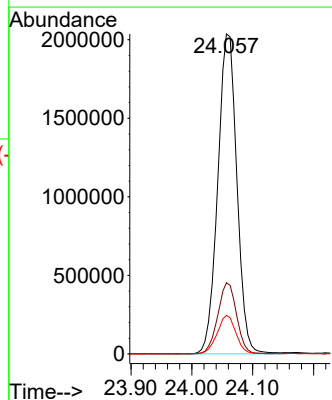
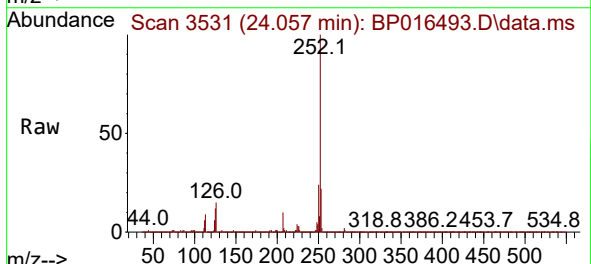
Instrument :
BNA_P
ClientSampleId :
PB154350BS

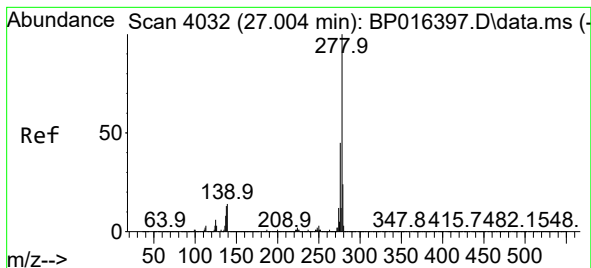
Tgt Ion:252 Resp: 4841031
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.1 7.1 10.7#



#90
Benzo(a)pyrene
Concen: 49.292 ng
RT: 24.057 min Scan# 3531
Delta R.T. -0.018 min
Lab File: BP016493.D
Acq: 03 Aug 2023 15:41

Tgt Ion:252 Resp: 4432195
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 54.456 ng

RT: 26.974 min Scan# 40

Delta R.T. -0.029 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Instrument :

BNA_P

ClientSampleId :

PB154350BS

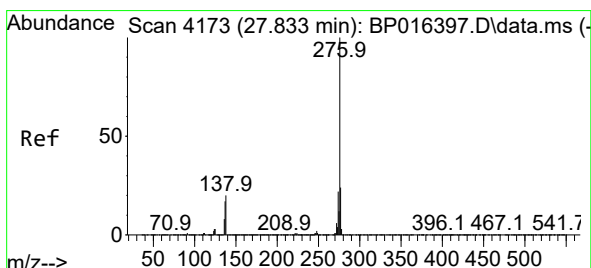
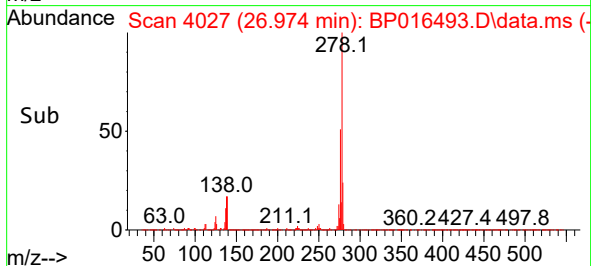
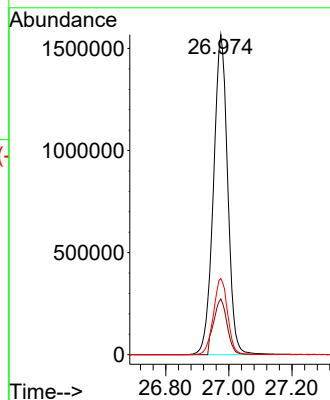
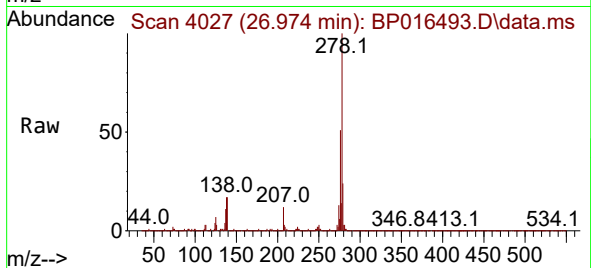
Tgt Ion:278 Resp: 4903233

Ion Ratio Lower Upper

278 100

139 17.4 11.6 17.4#

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 55.593 ng

RT: 27.810 min Scan# 4169

Delta R.T. -0.023 min

Lab File: BP016493.D

Acq: 03 Aug 2023 15:41

Tgt Ion:276 Resp: 4823688

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 23.2 16.1 24.1

