

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016489.D
 Acq On : 03 Aug 2023 13:25
 Operator : MA/JU
 Sample : PB154374BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154374BS

Quant Time: Aug 03 14:08:47 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	401912	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1522989	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	812185	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	1585854	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1316993	20.000	ng	# 0.00
86) Perylene-d12	24.180	264	1499285	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3367303	136.683	ng	-0.02
7) Phenol-d6	7.216	99	4097586	121.346	ng	-0.01
23) Nitrobenzene-d5	9.269	82	2474726	90.960	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1303175	109.067	ng	-0.01
45) 2-Fluorobiphenyl	13.346	172	5042238	89.006	ng	-0.02
79) Terphenyl-d14	20.033	244	6393542	102.551	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	432263	44.988	ng	99
3) Pyridine	3.858	79	1144154	39.837	ng	99
4) n-Nitrosodimethylamine	3.781	42	498898	46.071	ng	99
6) Aniline	7.405	93	1281389	30.722	ng	99
8) 2-Chlorophenol	7.622	128	1247103	48.280	ng	95
9) Benzaldehyde	7.222	77	685243	45.115	ng	99
10) Phenol	7.240	94	1566658	47.775	ng	99
11) bis(2-Chloroethyl)ether	7.505	93	1235873	46.363	ng	99
12) 1,3-Dichlorobenzene	7.952	146	1413428	50.972	ng	98
13) 1,4-Dichlorobenzene	8.111	146	1432006	50.909	ng	100
14) 1,2-Dichlorobenzene	8.422	146	1360643	50.240	ng	98
15) Benzyl Alcohol	8.322	79	1057894	45.856	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1440000	47.634	ng	99
17) 2-Methylphenol	8.505	107	1038100	43.925	ng	99
18) Hexachloroethane	9.146	117	519588	51.786	ng	93
19) n-Nitroso-di-n-propyla...	8.893	70	873328	41.283	ng	98
20) 3+4-Methylphenols	8.840	107	1389087	43.278	ng	99
22) Acetophenone	8.922	105	1827846	47.535	ng	# 99
24) Nitrobenzene	9.310	77	1338824	47.911	ng	98
25) Isophorone	9.828	82	2392851	43.563	ng	99
26) 2-Nitrophenol	10.016	139	605285	50.109	ng	97
27) 2,4-Dimethylphenol	10.052	122	1088662	44.302	ng	99
28) bis(2-Chloroethoxy)met...	10.316	93	1552301	46.137	ng	100
29) 2,4-Dichlorophenol	10.540	162	1090167	47.403	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	1194274	47.945	ng	99
31) Naphthalene	10.957	128	3669226	46.059	ng	99
32) Benzoic acid	10.181	122	718545	45.017	ng	98
33) 4-Chloroaniline	11.081	127	691697	19.249	ng	99
34) Hexachlorobutadiene	11.193	225	676639	45.882	ng	100
35) Caprolactam	11.899	113	333821	39.724	ng	98
36) 4-Chloro-3-methylphenol	12.175	107	1133608	44.345	ng	99
37) 2-Methylnaphthalene	12.551	142	2399811	41.467	ng	99
38) 1-Methylnaphthalene	12.775	142	2297623	42.347	ng	100
40) 1,2,4,5-Tetrachloroben...	12.898	216	1210147	49.030	ng	99
41) Hexachlorocyclopentadiene	12.857	237	1499789	120.989	ng	99
43) 2,4,6-Trichlorophenol	13.151	196	806052	50.898	ng	98

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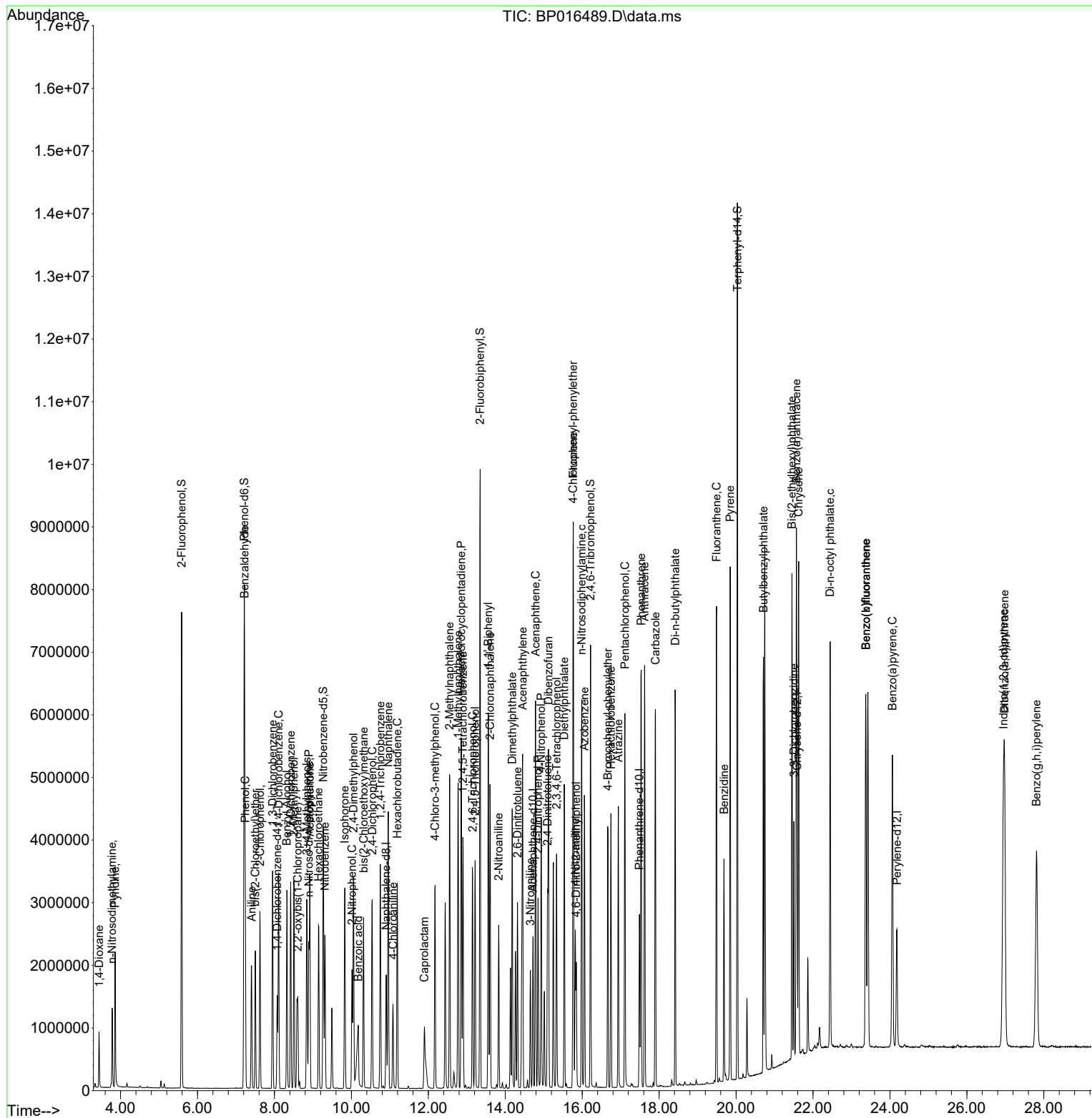
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44) 2,4,5-Trichlorophenol	13.216	196	873101	45.442	ng	97
46) 1,1'-Biphenyl	13.557	154	3022567	48.821	ng	99
47) 2-Chloronaphthalene	13.604	162	2337897	50.053	ng	99
48) 2-Nitroaniline	13.828	65	653073	49.602	ng	99
49) Acenaphthylene	14.451	152	3758233	48.494	ng	99
50) Dimethylphthalate	14.181	163	2785995	44.019	ng	99
51) 2,6-Dinitrotoluene	14.316	165	613867	47.345	ng	93
52) Acenaphthene	14.787	154	2143163	46.505	ng	99
53) 3-Nitroaniline	14.651	138	457202	31.190	ng	91
54) 2,4-Dinitrophenol	14.851	184	599671	96.976	ng	98
55) Dibenzofuran	15.122	168	3400955	44.997	ng	99
56) 4-Nitrophenol	14.934	139	1130306	98.504	ng	97
57) 2,4-Dinitrotoluene	15.098	165	812908	48.107	ng	97
58) Fluorene	15.769	166	2644038	44.528	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	715641	45.279	ng	94
60) Diethylphthalate	15.534	149	2702024	42.959	ng	98
61) 4-Chlorophenyl-phenyle...	15.763	204	1291670	43.107	ng	97
62) 4-Nitroaniline	15.822	138	623037	42.828	ng	97
63) Azobenzene	16.057	77	2688334	45.266	ng	97
65) 4,6-Dinitro-2-methylph...	15.845	198	392652	52.238	ng	95
66) n-Nitrosodiphenylamine	15.987	169	2317039	49.577	ng	99
67) 4-Bromophenyl-phenylether	16.669	248	785229	46.762	ng	95
68) Hexachlorobenzene	16.745	284	898820	47.998	ng	95
69) Atrazine	16.939	200	774847	55.747	ng	99
70) Pentachlorophenol	17.110	266	1028887	79.396	ng	95
71) Phenanthrene	17.534	178	4052189	48.121	ng	100
72) Anthracene	17.622	178	4079647	48.180	ng	100
73) Carbazole	17.904	167	3785353	47.683	ng	100
74) Di-n-butylphthalate	18.416	149	4440141	48.344	ng	100
75) Fluoranthene	19.492	202	4434989	44.934	ng	98
77) Benzidine	19.686	184	1824275	79.894	ng	99
78) Pyrene	19.845	202	4621336	52.346	ng	99
80) Butylbenzylphthalate	20.710	149	1910140	55.074	ng	98
81) Benzo(a)anthracene	21.569	228	4334454	49.052	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	1068075	36.821	ng	# 99
83) Chrysene	21.627	228	3999053	47.393	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2764578	53.091	ng	99
85) Di-n-octyl phthalate	22.445	149	4714455	53.832	ng	99
87) Indeno(1,2,3-cd)pyrene	26.951	276	5370469	53.131	ng	96
88) Benzo(b)fluoranthene	23.374	252	4401434	50.644	ng	99
89) Benzo(k)fluoranthene	23.374	252	4401434	49.797	ng	98
90) Benzo(a)pyrene	24.063	252	3919078	46.556	ng	98
91) Dibenzo(a,h)anthracene	26.980	278	4453660	52.834	ng	# 97
92) Benzo(g,h,i)perylene	27.809	276	4378513	53.901	ng	97

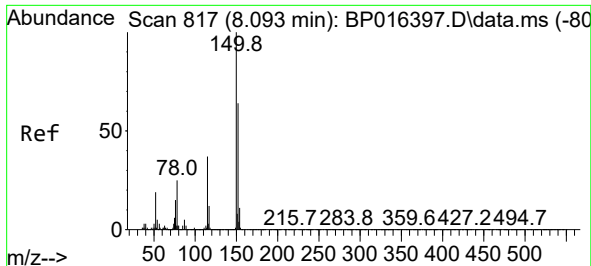
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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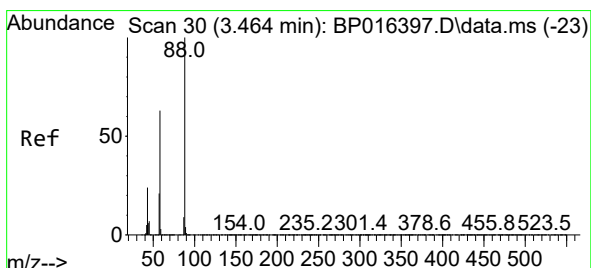
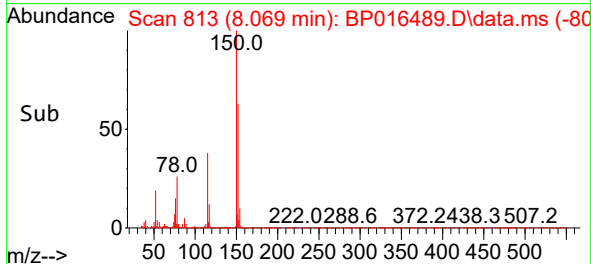
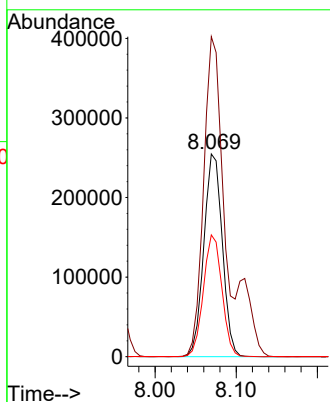
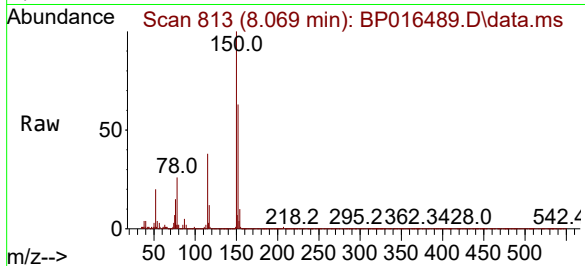




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.069 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

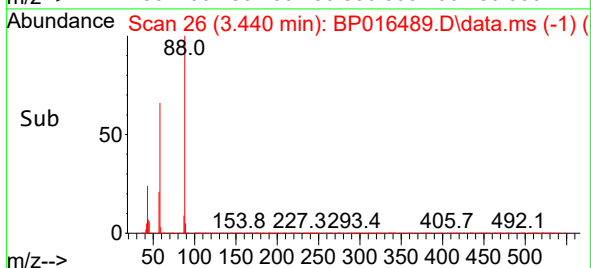
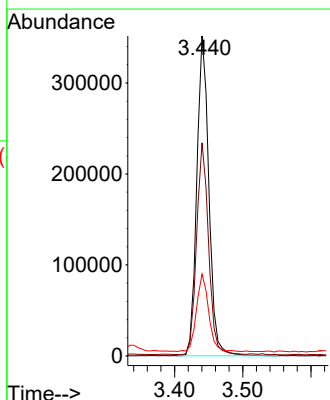
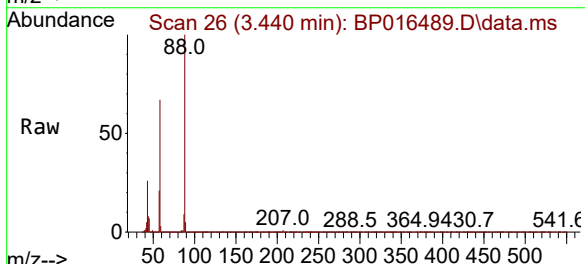
Instrument :
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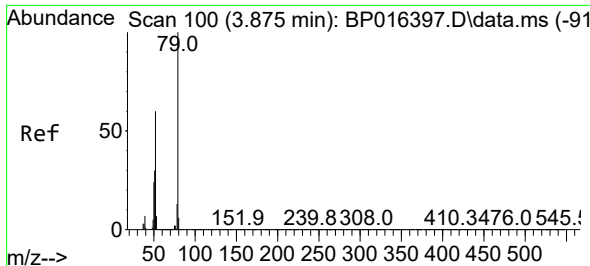
Tgt Ion:152 Resp: 401912
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.9 187.3
 115 60.1 46.8 70.2



#2
 1,4-Dioxane
 Concen: 44.988 ng
 RT: 3.440 min Scan# 26
 Delta R.T. -0.024 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

Tgt Ion: 88 Resp: 432263
 Ion Ratio Lower Upper
 88 100
 58 65.3 51.7 77.5
 43 24.4 19.2 28.8



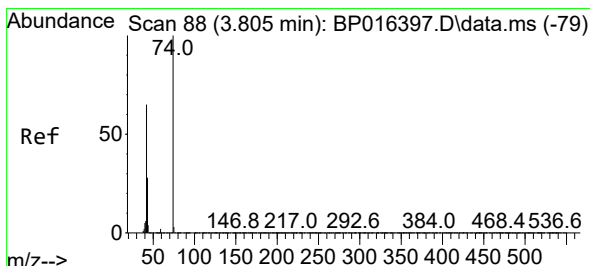
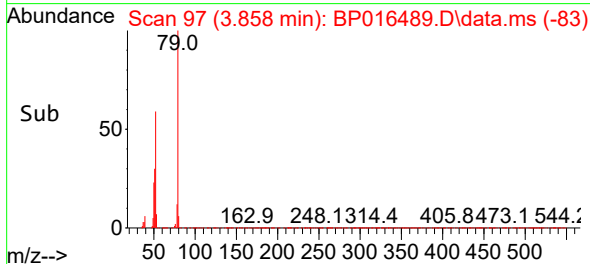
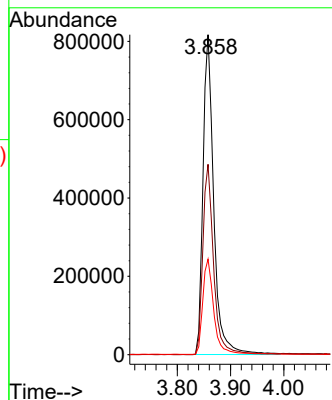
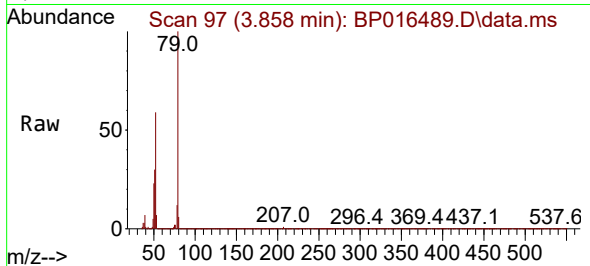


#3
 Pyridine
 Concen: 39.837 ng
 RT: 3.858 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

Instrument :
 BNA_P
 ClientSampleId :
 PB154374BS

Tgt Ion: 79 Resp: 1144154

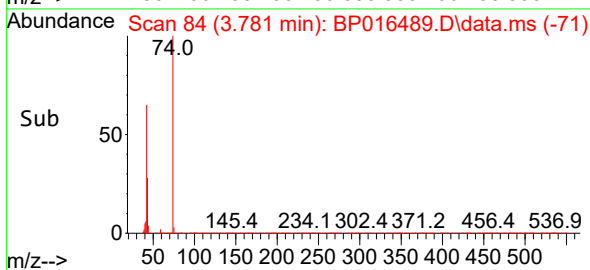
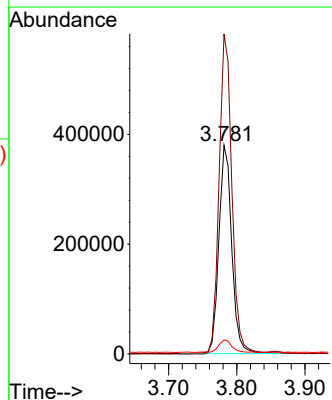
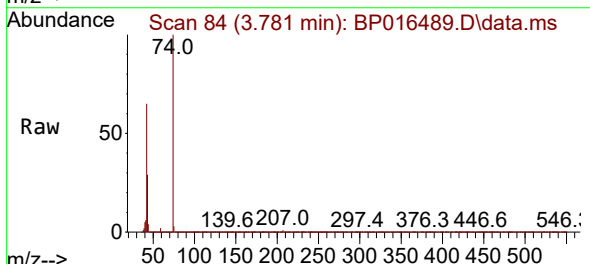
Ion	Ratio	Lower	Upper
79	100		
52	59.5	47.9	71.9
51	29.8	24.4	36.6

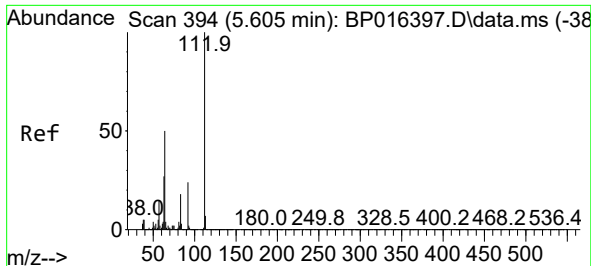


#4
 n-Nitrosodimethylamine
 Concen: 46.071 ng
 RT: 3.781 min Scan# 84
 Delta R.T. -0.024 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

Tgt Ion: 42 Resp: 498898

Ion	Ratio	Lower	Upper
42	100		
74	153.4	123.8	185.8
44	6.8	5.5	8.3

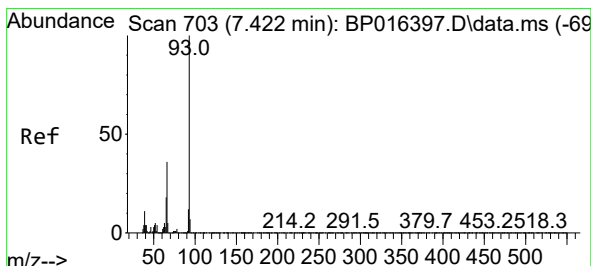
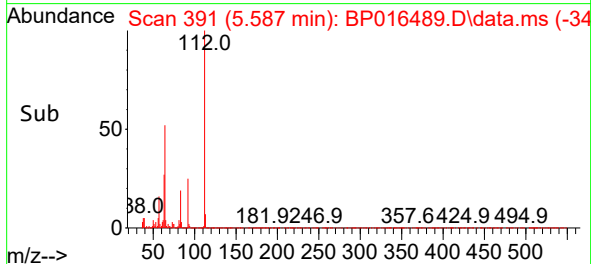
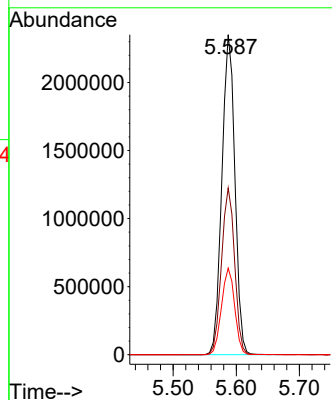
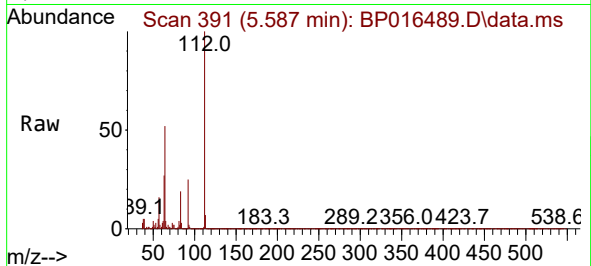




#5
2-Fluorophenol
Concen: 136.683 ng
RT: 5.587 min Scan# 394
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

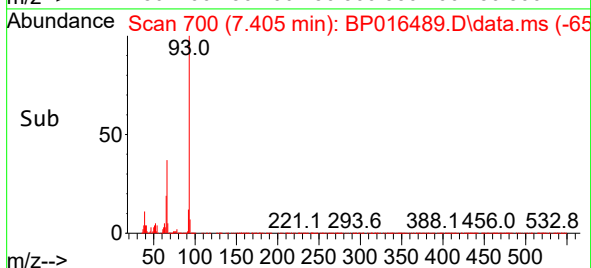
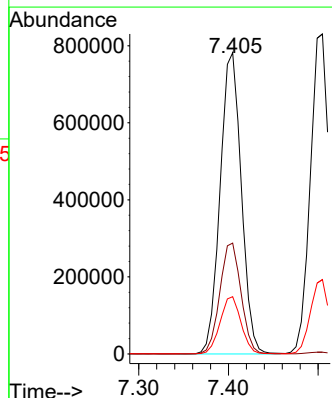
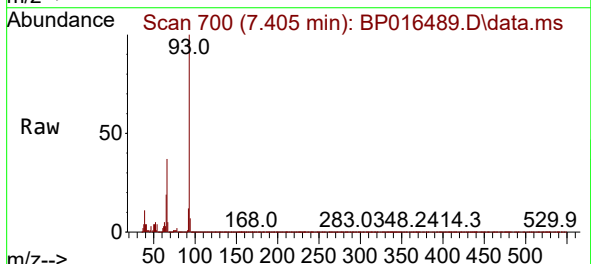
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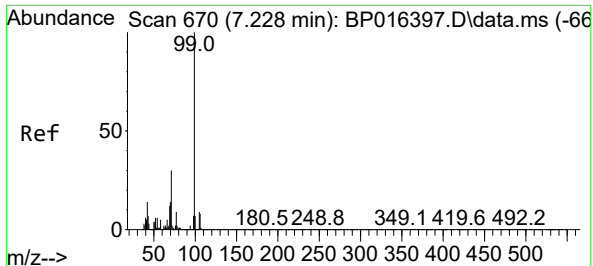
Tgt Ion:112 Resp: 3367303
Ion Ratio Lower Upper
112 100
64 52.1 40.0 60.0
63 27.0 21.2 31.8



#6
Aniline
Concen: 30.722 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion: 93 Resp: 1281389
Ion Ratio Lower Upper
93 100
66 36.8 28.9 43.3
65 19.0 14.7 22.1

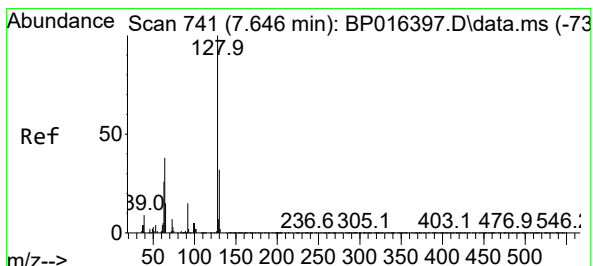
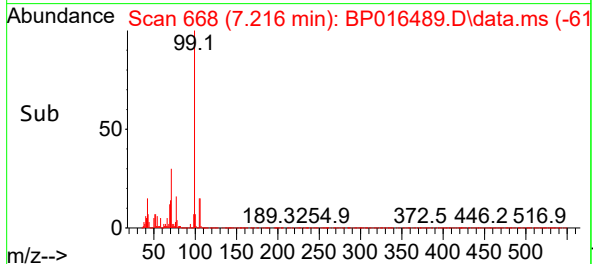
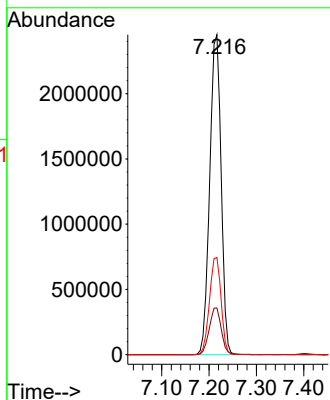
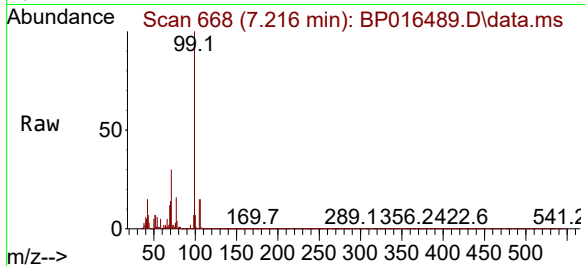




#7
Phenol-d6
Concen: 121.346 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016489.D
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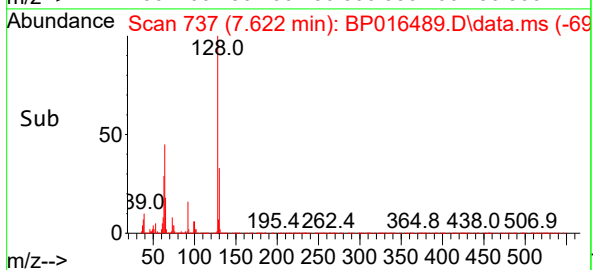
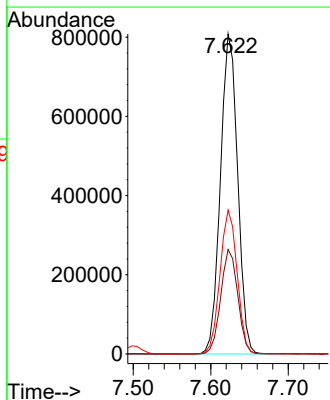
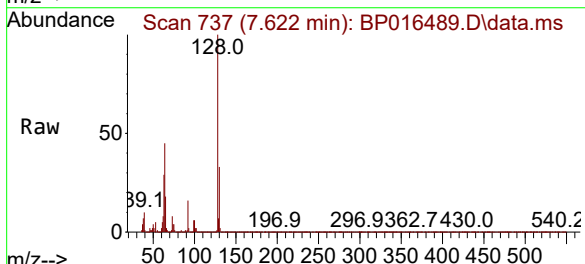
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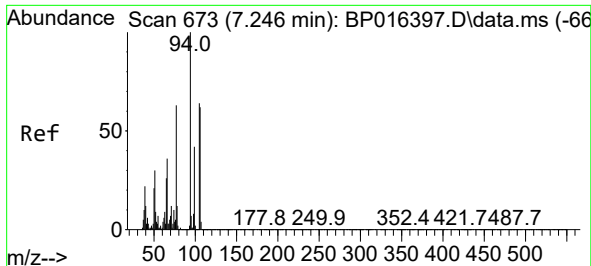
Tgt Ion: 99 Resp: 4097586
Ion Ratio Lower Upper
99 100
42 14.6 11.6 17.4
71 30.4 24.3 36.5



#8
2-Chlorophenol
Concen: 48.280 ng
RT: 7.622 min Scan# 737
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:128 Resp: 1247103
Ion Ratio Lower Upper
128 100
130 32.7 11.6 51.6
64 45.0 20.6 60.6

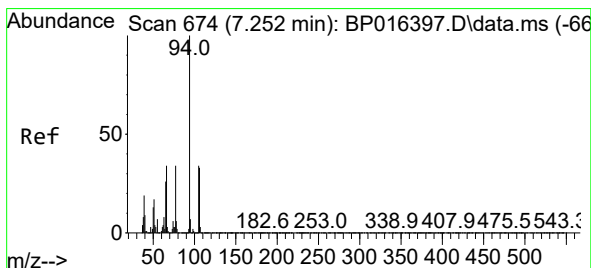
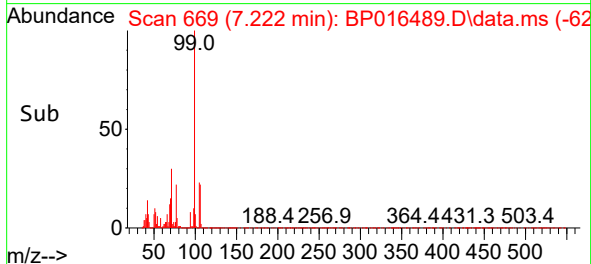
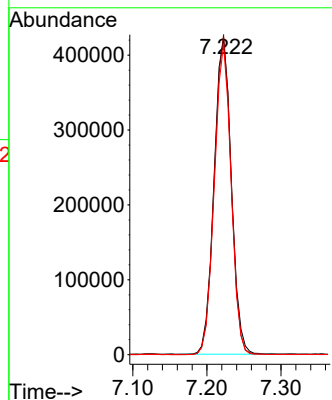
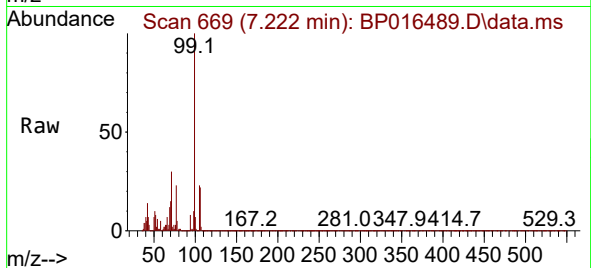




#9
Benzaldehyde
Concen: 45.115 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP016489.D
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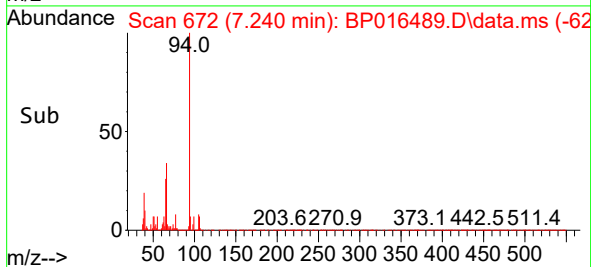
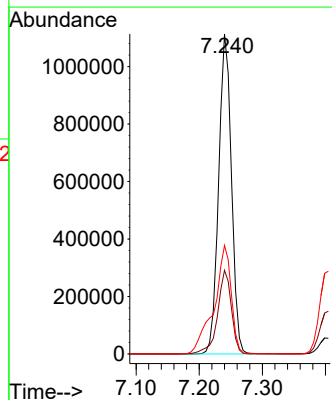
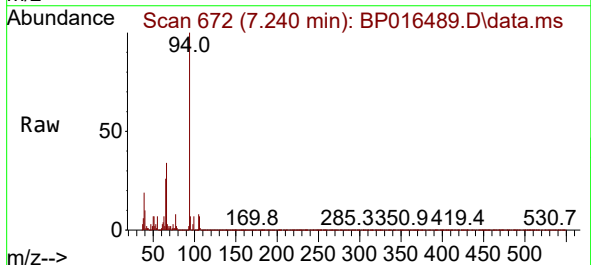
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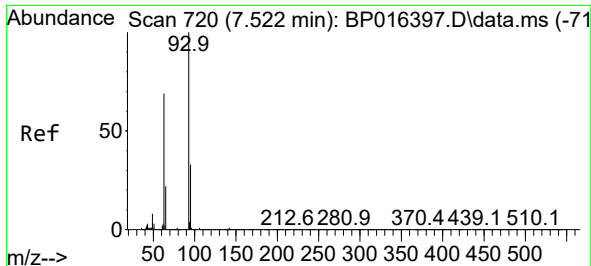
Tgt Ion: 77 Resp: 685243
Ion Ratio Lower Upper
77 100
105 101.1 81.9 121.9
106 98.1 78.8 118.8



#10
Phenol
Concen: 47.775 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion: 94 Resp: 1566658
Ion Ratio Lower Upper
94 100
65 26.1 5.9 45.9
66 33.9 14.3 54.3

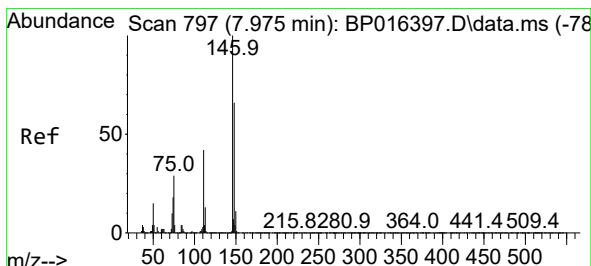
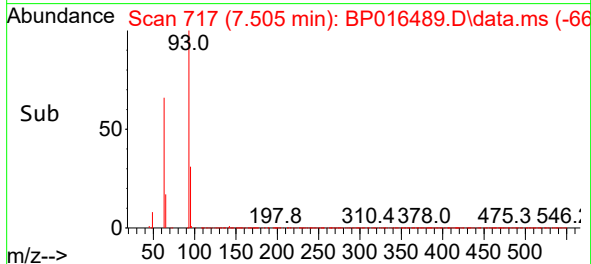
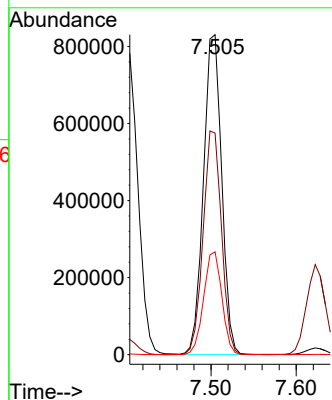
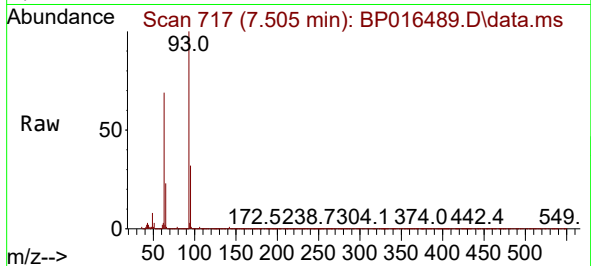




#11
bis(2-Chloroethyl)ether
Concen: 46.363 ng
RT: 7.505 min Scan# 717
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

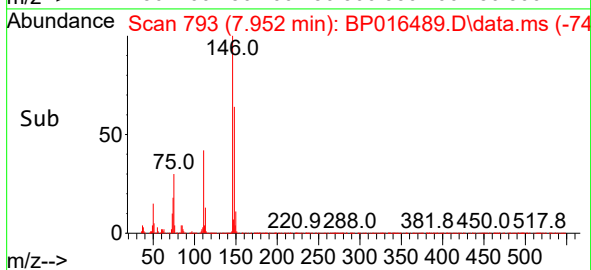
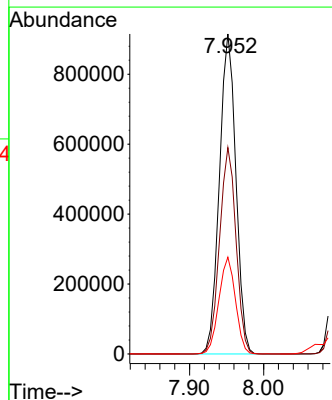
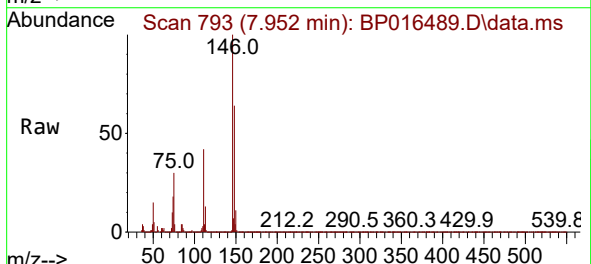
Instrument :
BNA_P
ClientSampleId :
PB154374BS

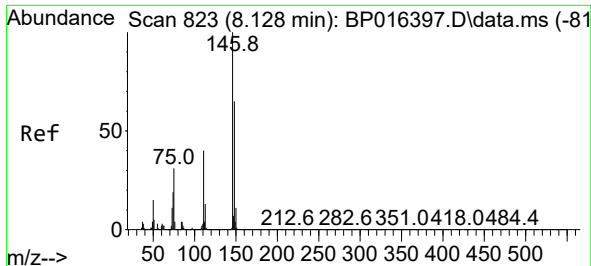
Tgt Ion: 93 Resp: 1235873
Ion Ratio Lower Upper
93 100
63 69.3 49.4 89.4
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.972 ng
RT: 7.952 min Scan# 793
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:146 Resp: 1413428
Ion Ratio Lower Upper
146 100
148 64.5 53.0 79.4
75 30.2 23.4 35.2

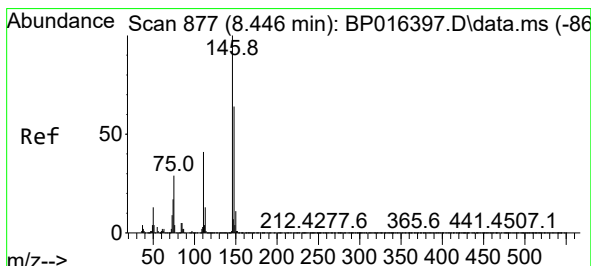
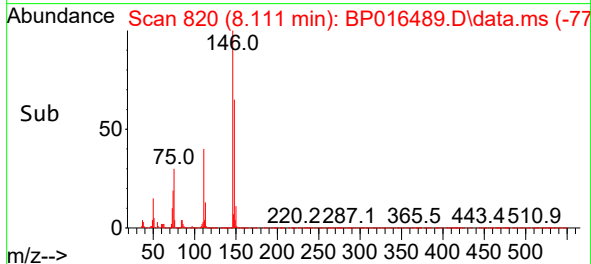
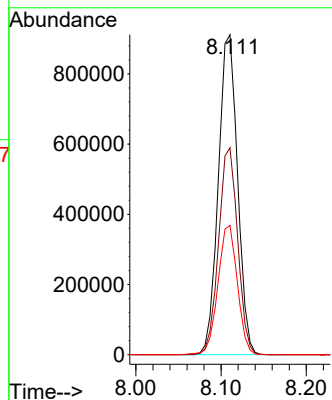
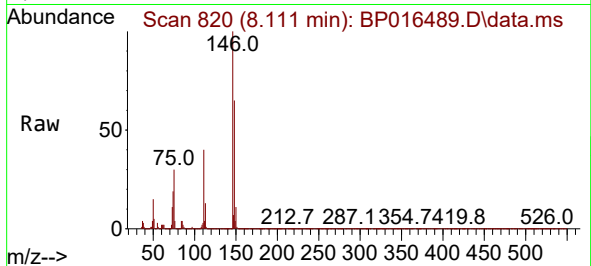




#13
1,4-Dichlorobenzene
Concen: 50.909 ng
RT: 8.111 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

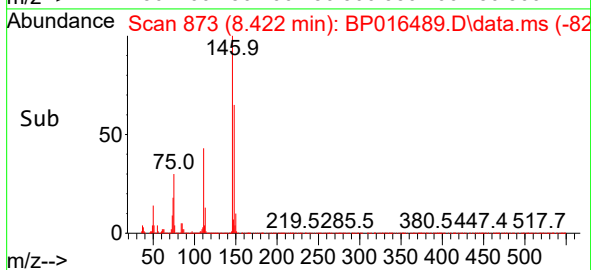
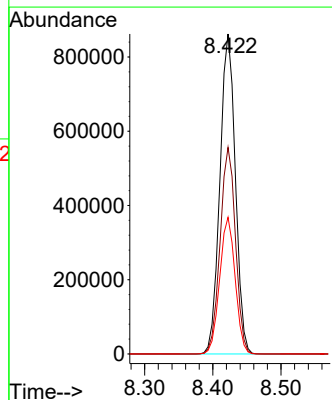
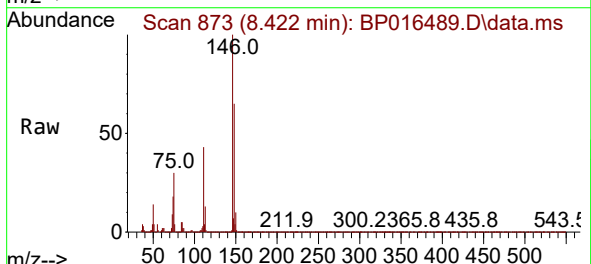
Instrument :
BNA_P
ClientSampleId :
PB154374BS

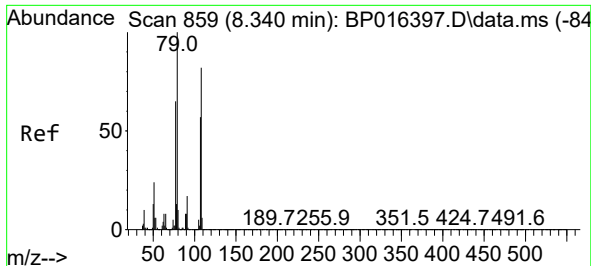
Tgt Ion:146 Resp: 1432006
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 40.4 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 50.240 ng
RT: 8.422 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:146 Resp: 1360643
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 42.7 32.6 49.0

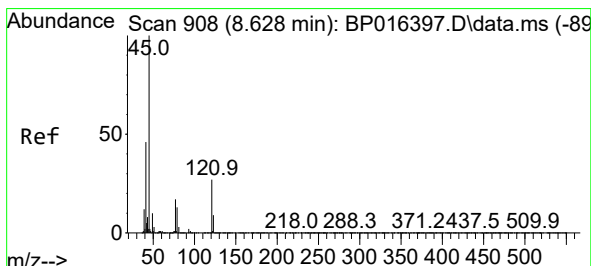
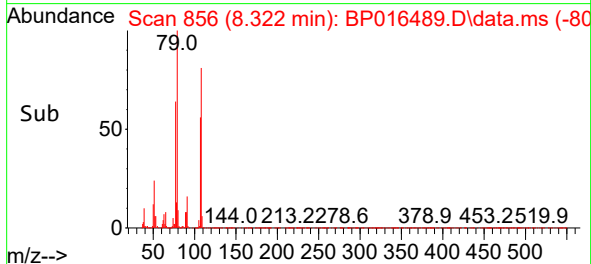
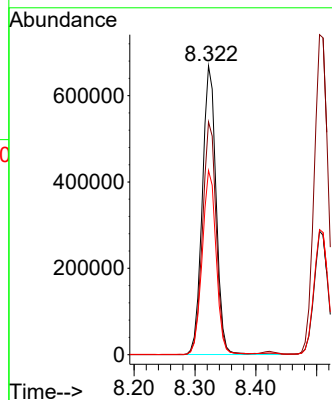
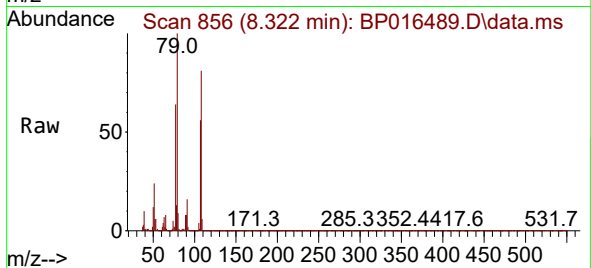




#15
Benzyl Alcohol
Concen: 45.856 ng
RT: 8.322 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

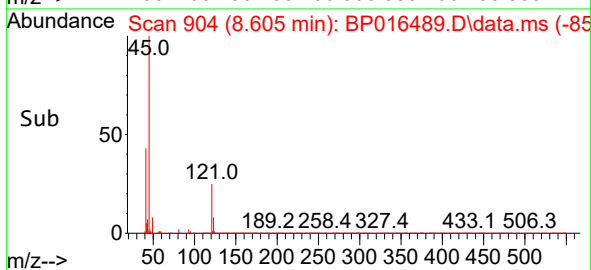
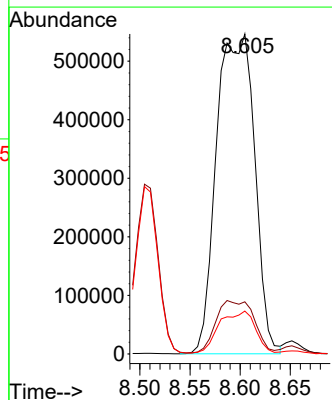
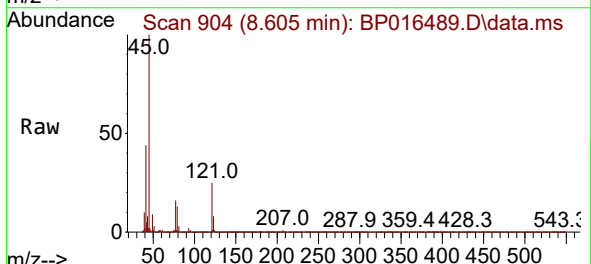
Instrument :
BNA_P
ClientSampleId :
PB154374BS

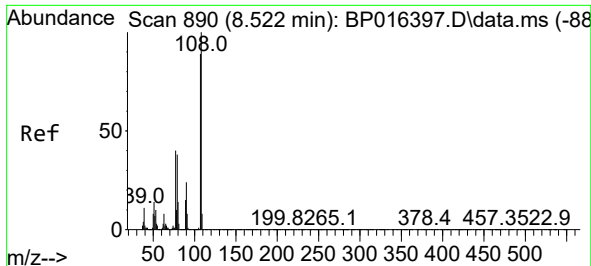
Tgt Ion: 79 Resp: 1057894
Ion Ratio Lower Upper
79 100
108 80.6 65.4 98.2
77 63.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.634 ng
RT: 8.605 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion: 45 Resp: 1440000
Ion Ratio Lower Upper
45 100
77 16.3 0.0 37.3
79 13.4 0.0 33.3

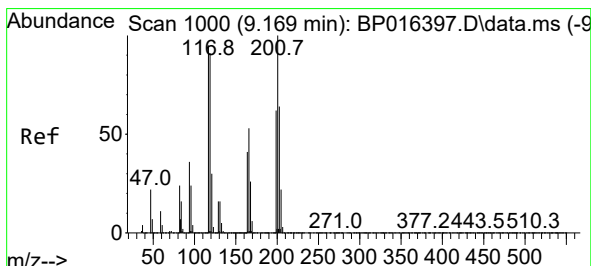
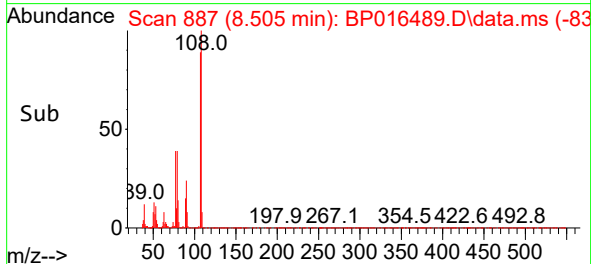
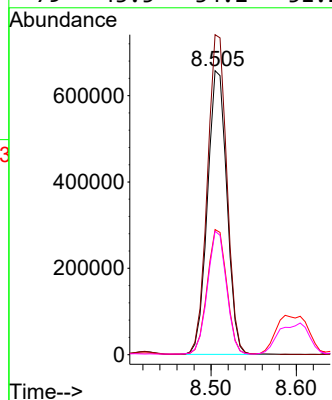
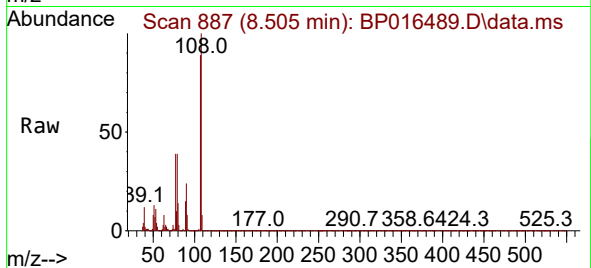




#17
2-Methylphenol
Concen: 43.925 ng
RT: 8.505 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

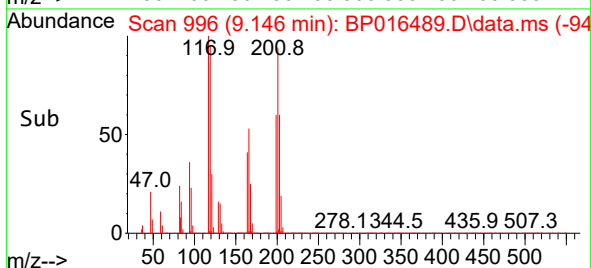
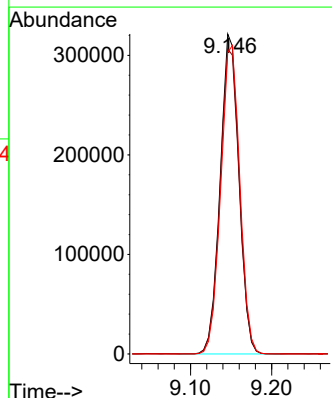
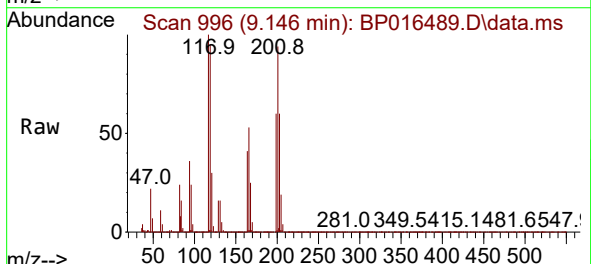
Instrument :
BNA_P
ClientSampleId :
PB154374BS

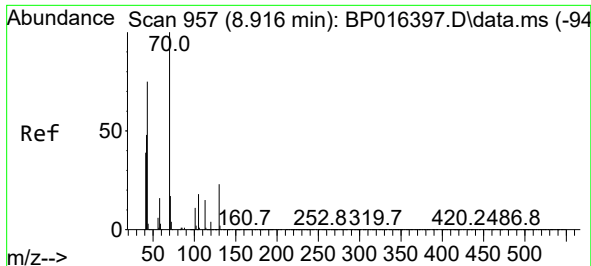
Tgt Ion:107 Resp: 1038100
Ion Ratio Lower Upper
107 100
108 112.7 89.6 134.4
77 44.1 35.6 53.4
79 43.5 34.2 51.2



#18
Hexachloroethane
Concen: 51.786 ng
RT: 9.146 min Scan# 996
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:117 Resp: 519588
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3
201 94.1 86.2 129.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.283 ng

RT: 8.893 min Scan# 91

Delta R.T. -0.024 min

Lab File: BP016489.D

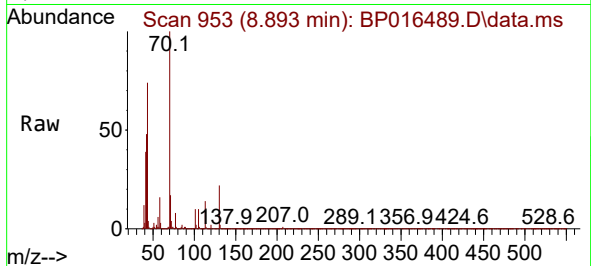
Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

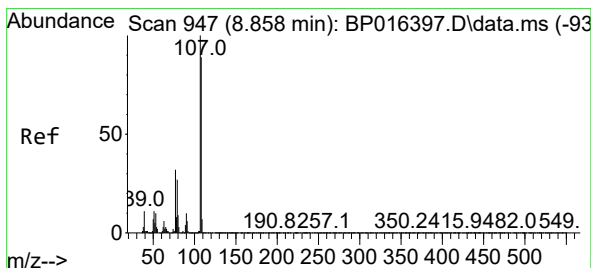
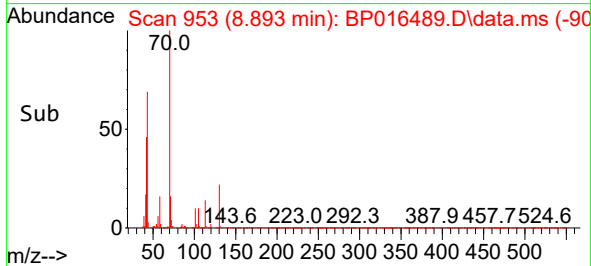
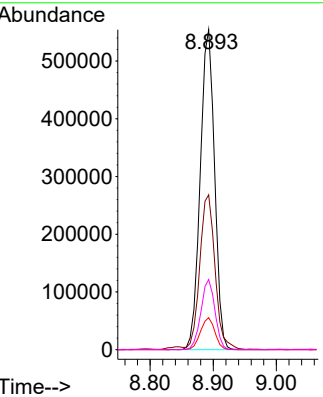
ClientSampleId :

PB154374BS



Tgt Ion: 70 Resp: 873328

Ion	Ratio	Lower	Upper
70	100		
42	48.4	39.3	58.9
101	10.0	8.6	12.8
130	21.9	18.6	28.0



#20

3+4-Methylphenols

Concen: 43.278 ng

RT: 8.840 min Scan# 944

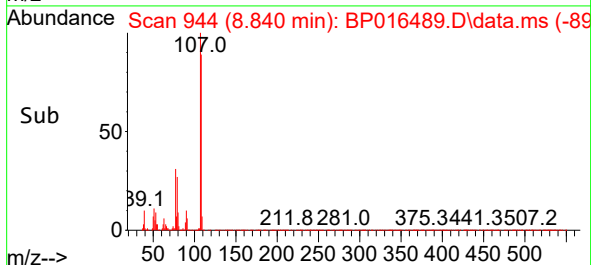
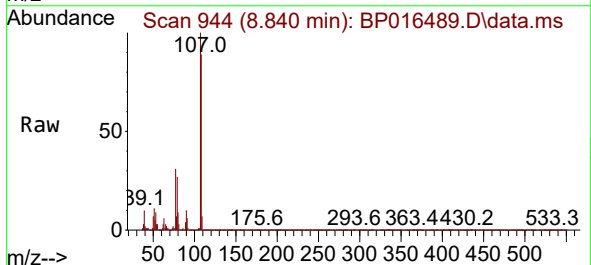
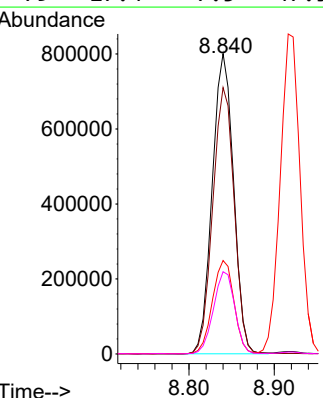
Delta R.T. -0.018 min

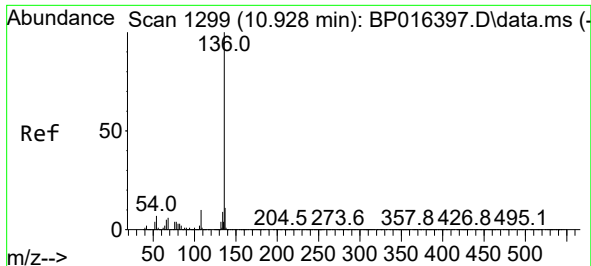
Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Tgt Ion: 107 Resp: 1389087

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.1	109.1
77	31.1	12.0	52.0
79	27.4	7.5	47.5

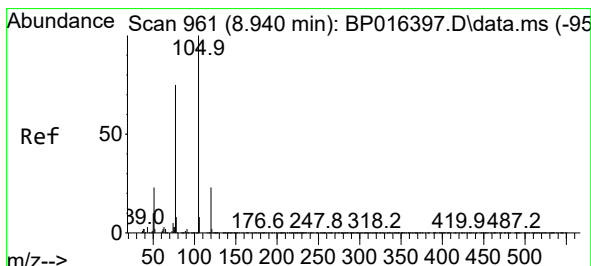
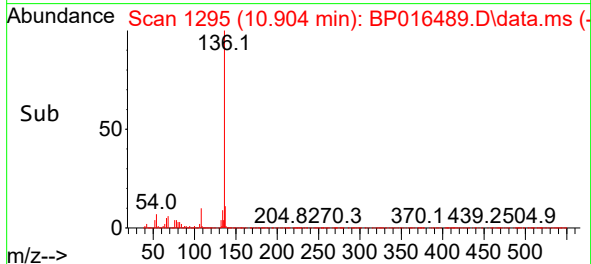
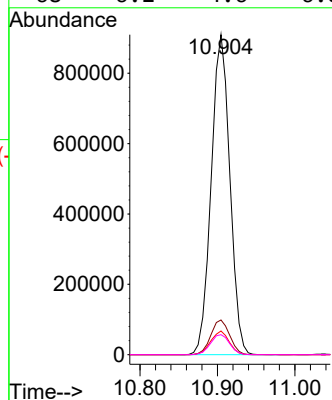
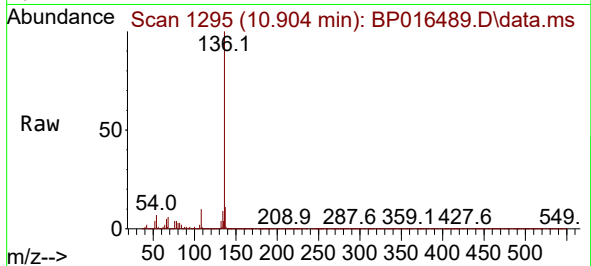




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

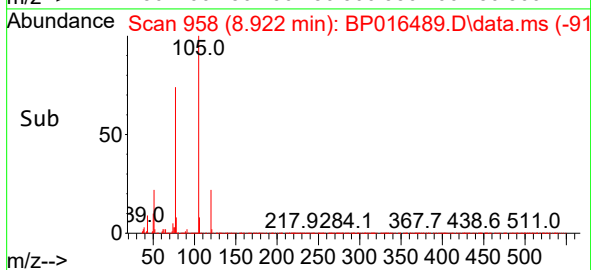
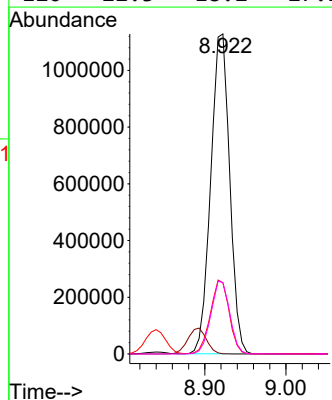
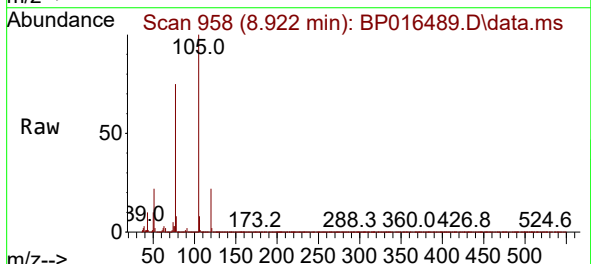
Instrument :
BNA_P
ClientSampleId :
PB154374BS

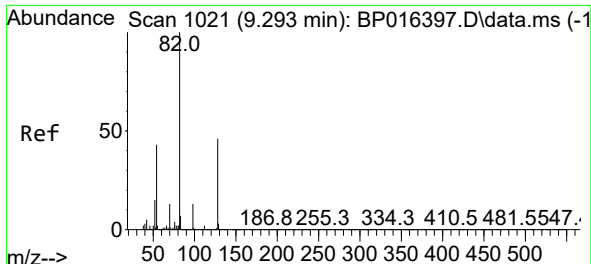
Tgt Ion:136 Resp: 1522989
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.6 8.4
68 6.2 4.6 6.8



#22
Acetophenone
Concen: 47.535 ng
RT: 8.922 min Scan# 958
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:105 Resp: 1827846
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 22.2 18.3 27.5
120 22.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 90.960 ng

RT: 9.269 min Scan# 1017

Delta R.T. -0.024 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

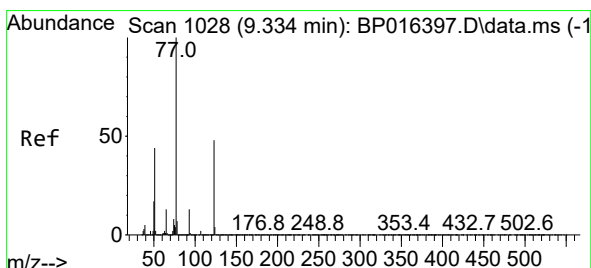
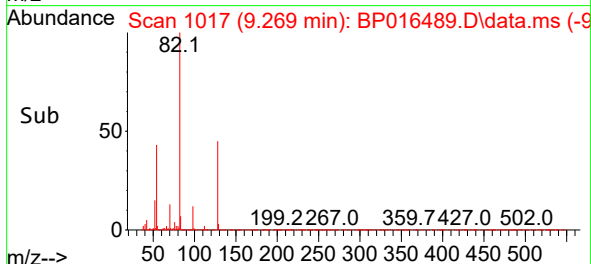
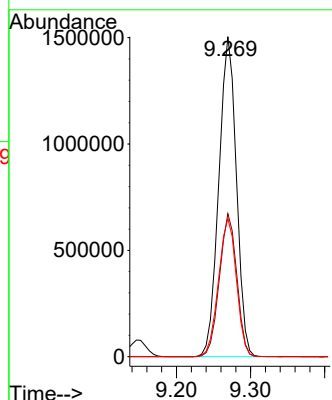
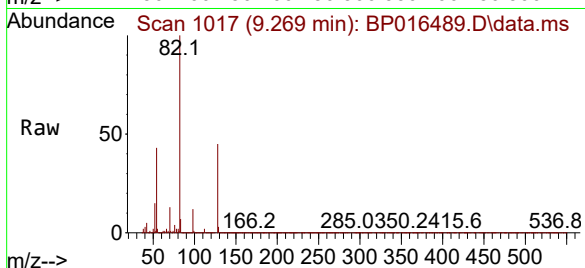
Tgt Ion: 82 Resp: 2474726

Ion Ratio Lower Upper

82 100

128 44.7 36.6 55.0

54 43.2 34.5 51.7



#24

Nitrobenzene

Concen: 47.911 ng

RT: 9.310 min Scan# 1024

Delta R.T. -0.024 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

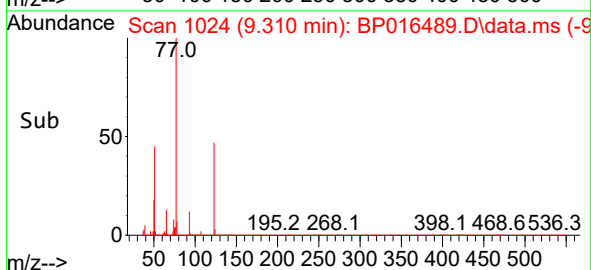
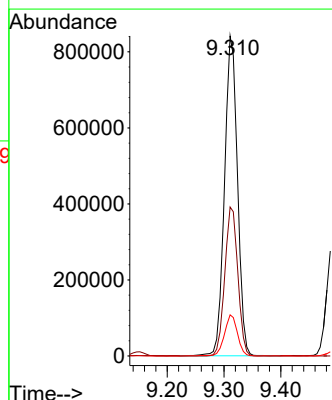
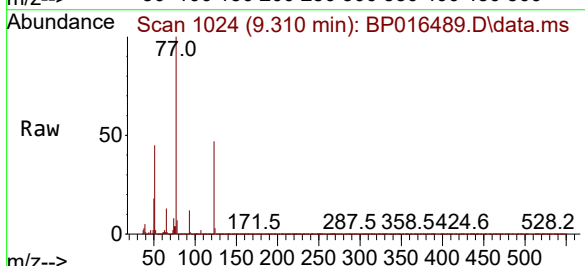
Tgt Ion: 77 Resp: 1338824

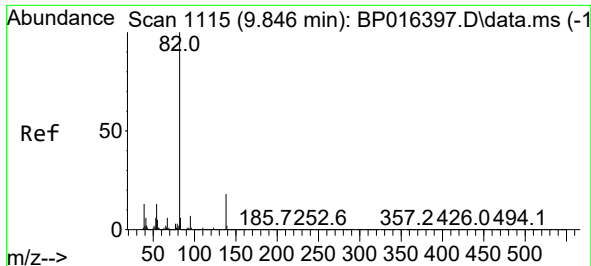
Ion Ratio Lower Upper

77 100

123 46.6 38.6 58.0

65 12.9 10.5 15.7

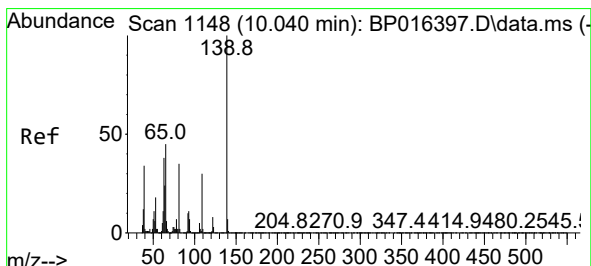
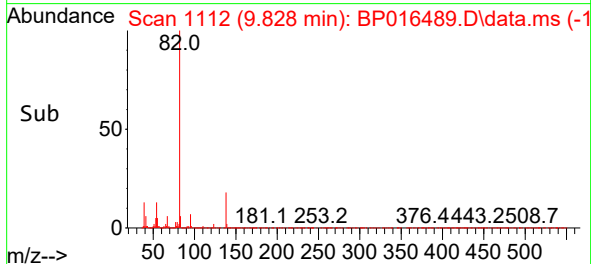
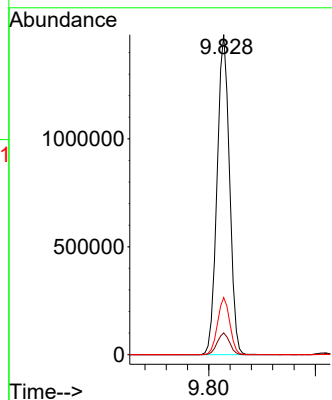
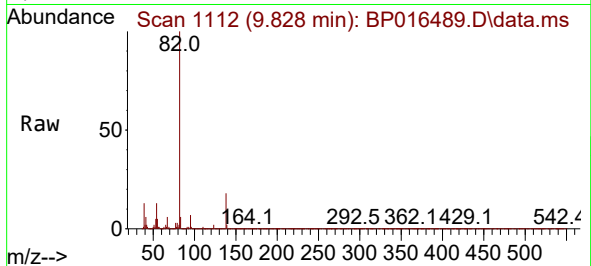




#25
Isophorone
Concen: 43.563 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

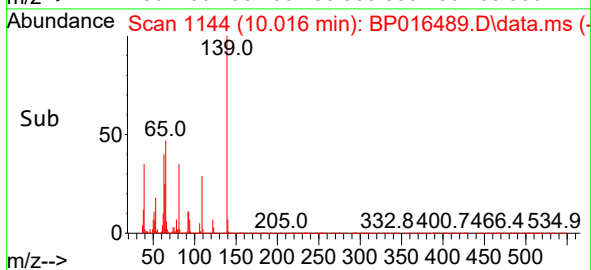
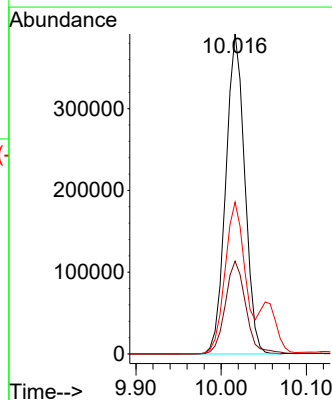
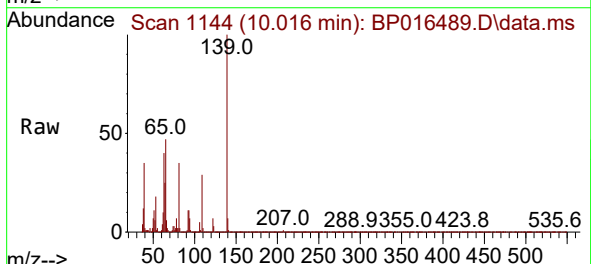
Instrument :
BNA_P
ClientSampleId :
PB154374BS

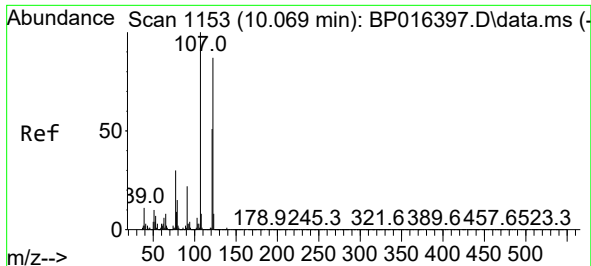
Tgt Ion: 82 Resp: 2392851
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.9 14.6 22.0



#26
2-Nitrophenol
Concen: 50.109 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion: 139 Resp: 605285
Ion Ratio Lower Upper
139 100
109 29.0 24.2 36.4
65 47.4 35.8 53.6

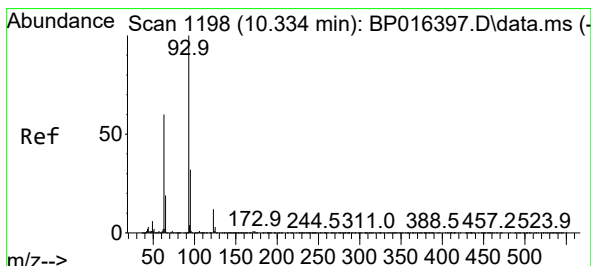
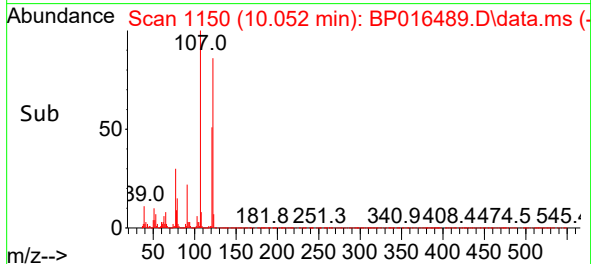
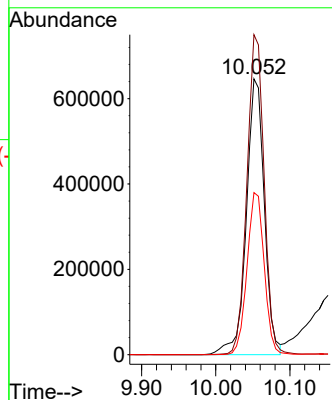
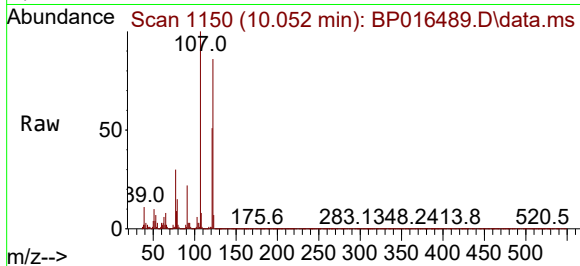




#27
2,4-Dimethylphenol
Concen: 44.302 ng
RT: 10.052 min Scan# 1150
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

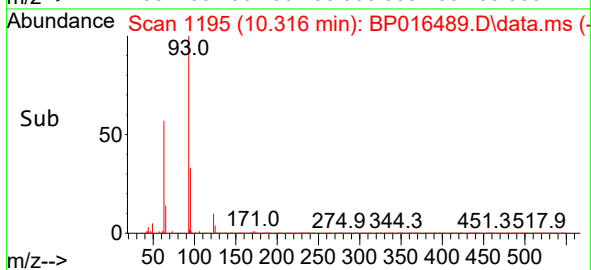
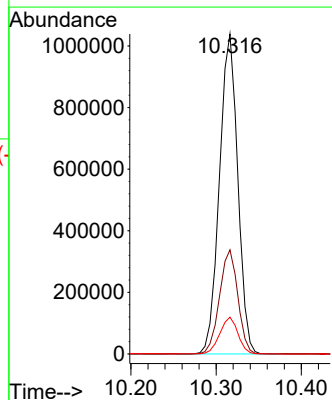
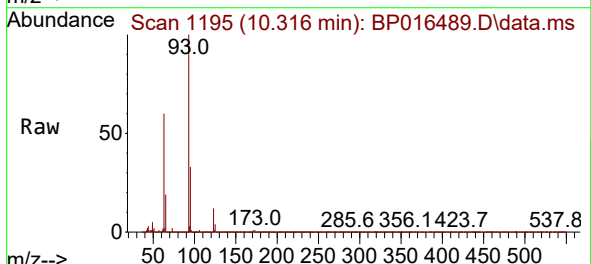
Instrument :
BNA_P
ClientSampleId :
PB154374BS

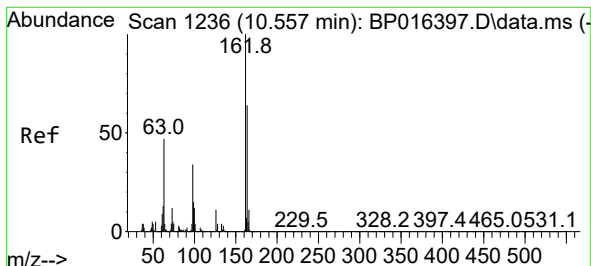
Tgt Ion:122 Resp: 1088662
Ion Ratio Lower Upper
122 100
107 116.0 91.9 137.9
121 58.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.137 ng
RT: 10.316 min Scan# 1195
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion: 93 Resp: 1552301
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.403 ng

RT: 10.540 min Scan# 1233

Delta R.T. -0.018 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

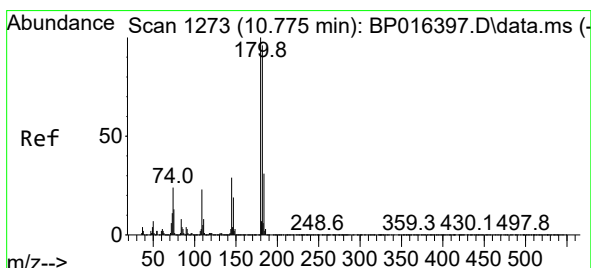
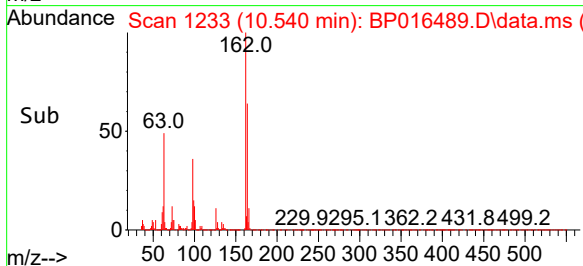
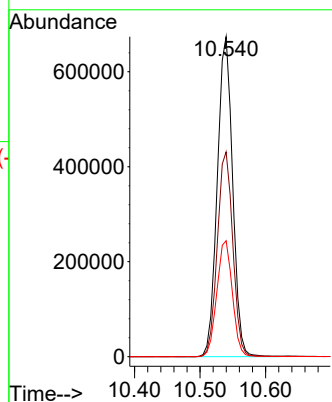
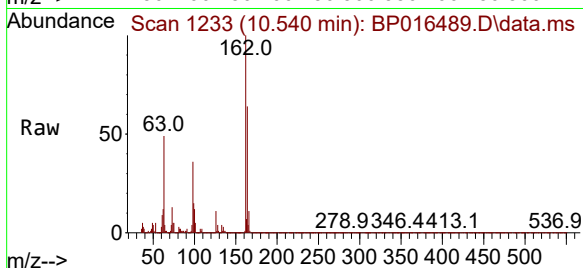
Tgt Ion:162 Resp: 1090167

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 36.3 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 47.945 ng

RT: 10.752 min Scan# 1269

Delta R.T. -0.024 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

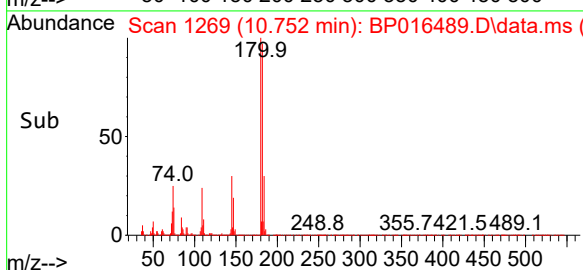
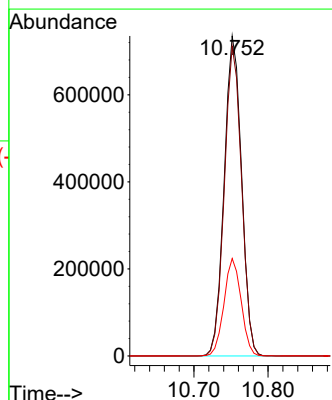
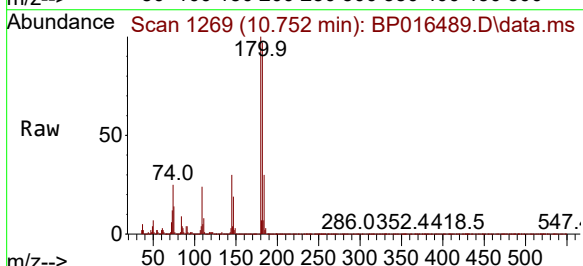
Tgt Ion:180 Resp: 1194274

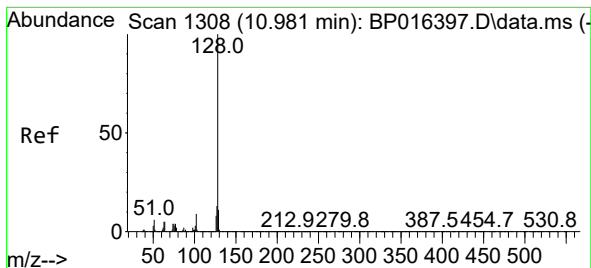
Ion Ratio Lower Upper

180 100

182 96.8 77.1 115.7

145 30.4 22.9 34.3

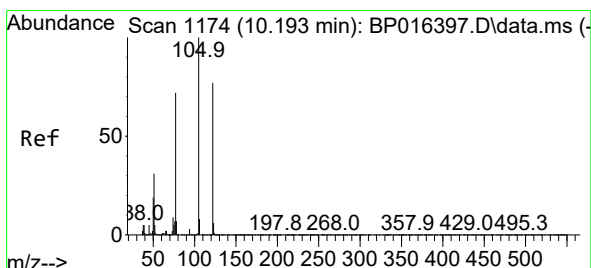
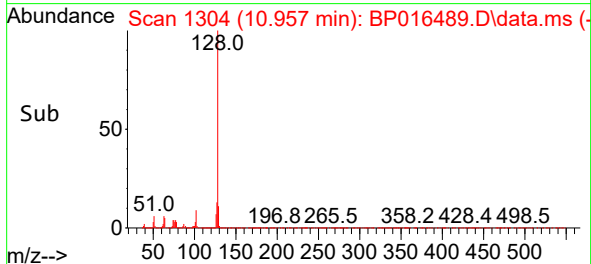
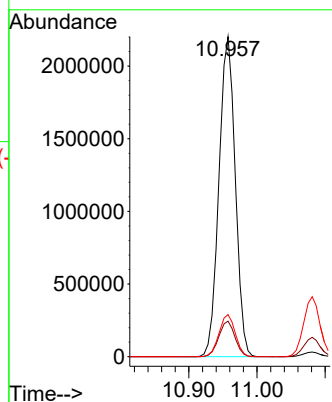
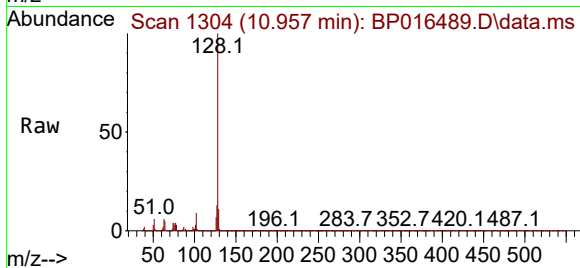




#31
Naphthalene
Concen: 46.059 ng
RT: 10.957 min Scan# 1117
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

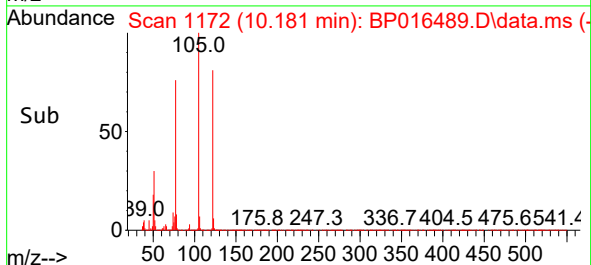
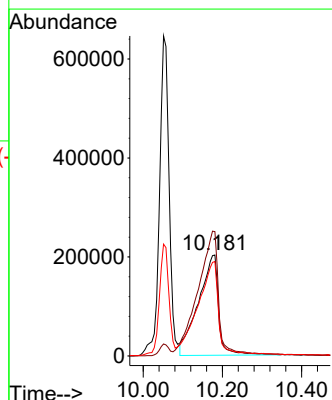
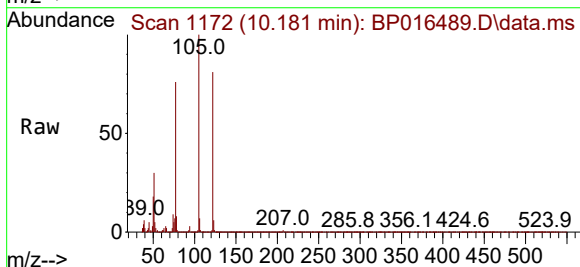
Instrument :
BNA_P
ClientSampleId :
PB154374BS

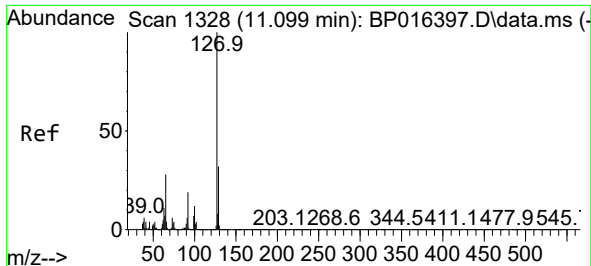
Tgt Ion:128 Resp: 3669226
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 45.017 ng
RT: 10.181 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:122 Resp: 718545
Ion Ratio Lower Upper
122 100
105 123.2 105.2 145.2
77 93.5 72.2 112.2

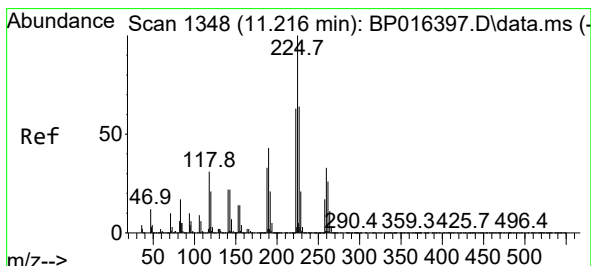
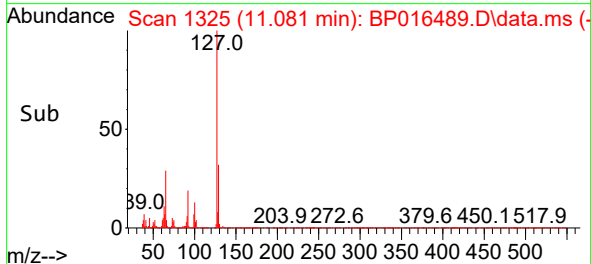
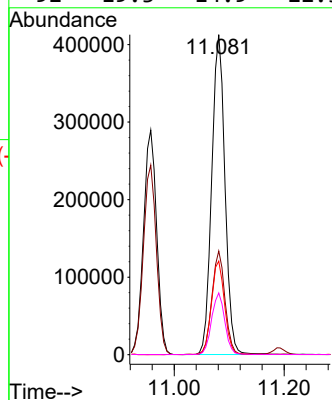
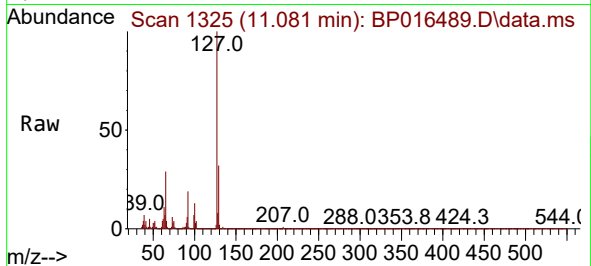




#33
4-Chloroaniline
Concen: 19.249 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

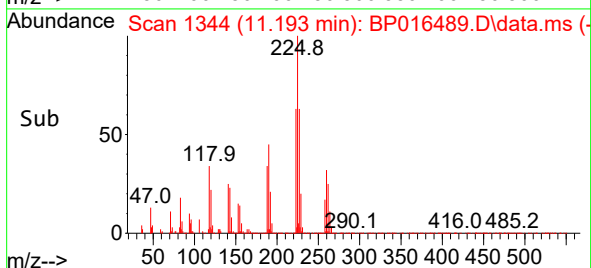
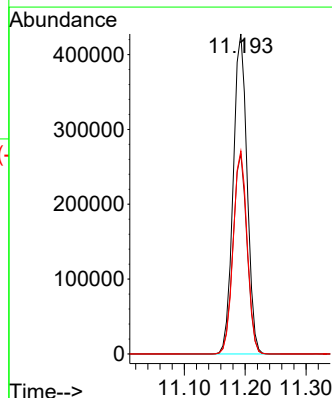
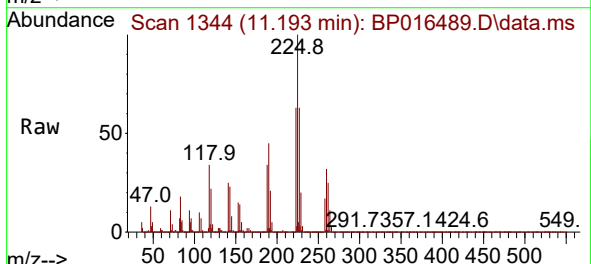
Instrument :
BNA_P
ClientSampleId :
PB154374BS

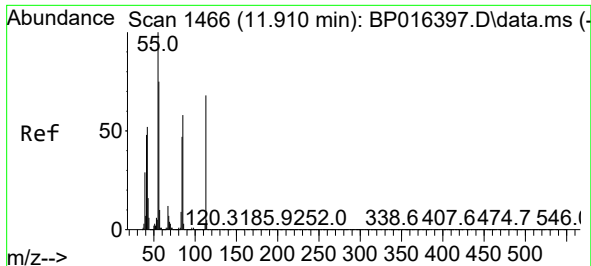
Tgt Ion:	127	Resp:	691697
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	29.3	22.7	34.1
92	19.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 45.882 ng
RT: 11.193 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:	225	Resp:	676639
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.4
227	63.5	51.0	76.6

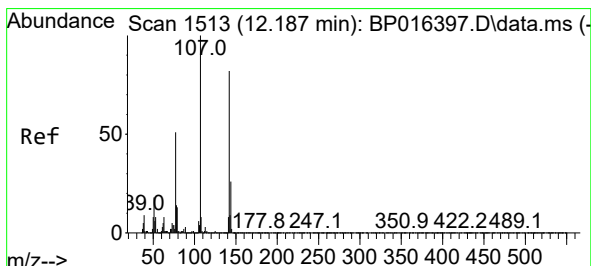
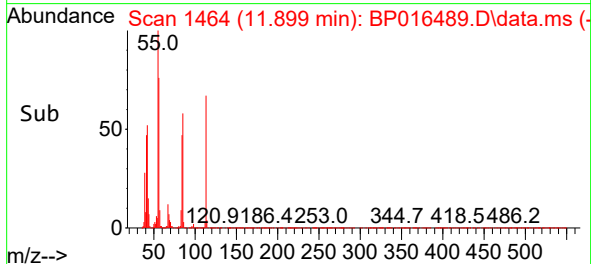
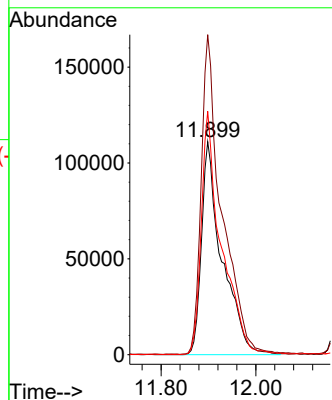
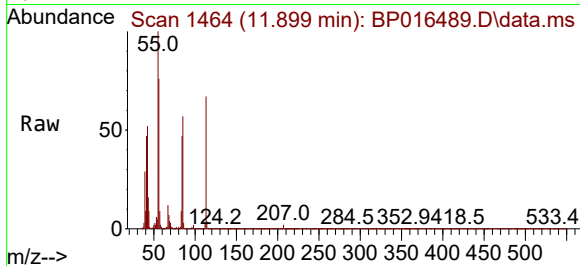




#35
 Caprolactam
 Concen: 39.724 ng
 RT: 11.899 min Scan# 1466
 Delta R.T. -0.012 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

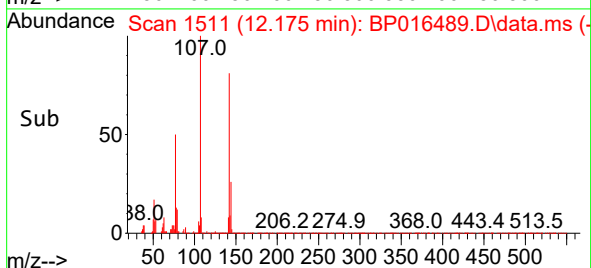
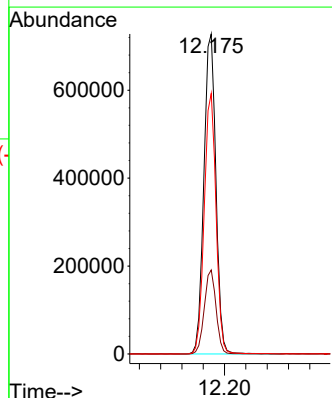
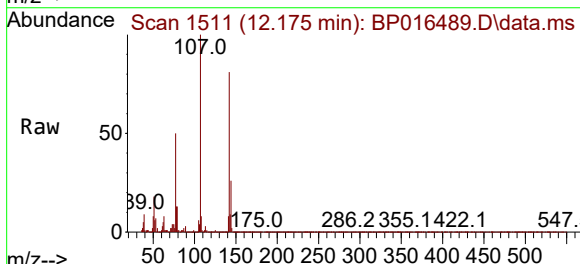
Instrument :
 BNA_P
 ClientSampleId :
 PB154374BS

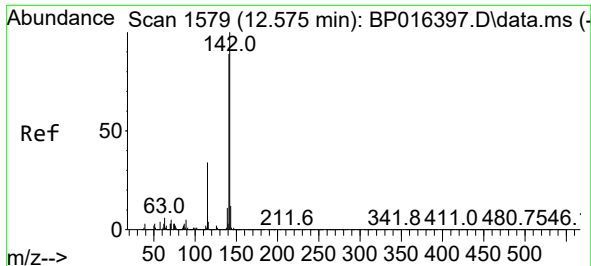
Tgt Ion:113 Resp: 333821
 Ion Ratio Lower Upper
 113 100
 55 150.2 128.0 168.0
 56 114.3 91.3 131.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.345 ng
 RT: 12.175 min Scan# 1511
 Delta R.T. -0.012 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

Tgt Ion:107 Resp: 1133608
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.0 31.6
 142 81.4 65.6 98.4

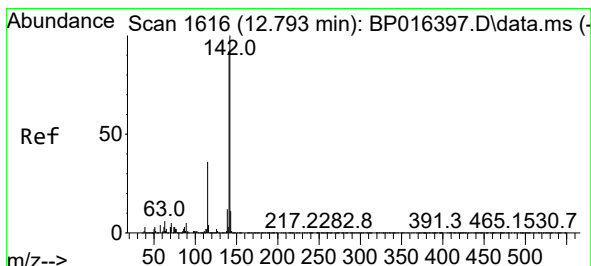
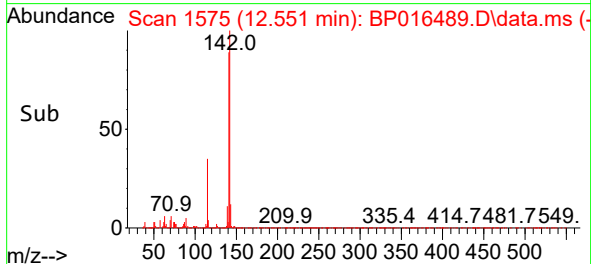
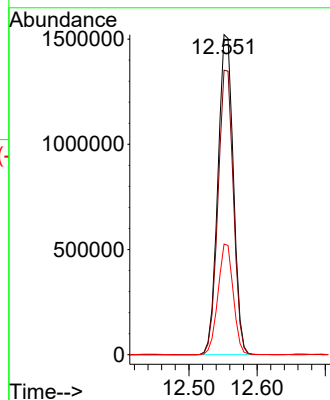
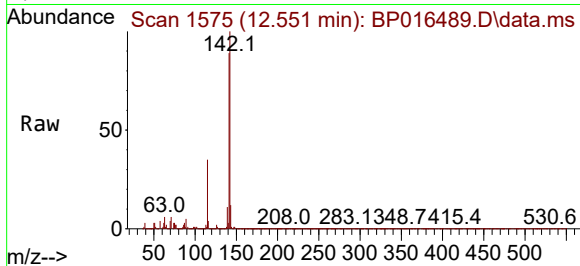




#37
2-Methylnaphthalene
Concen: 41.467 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

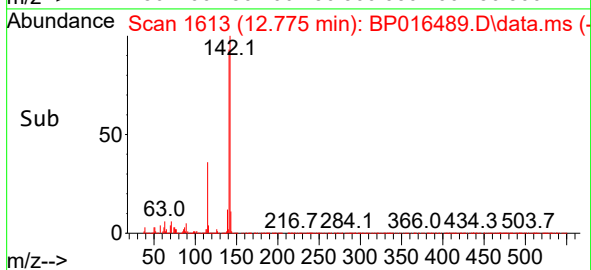
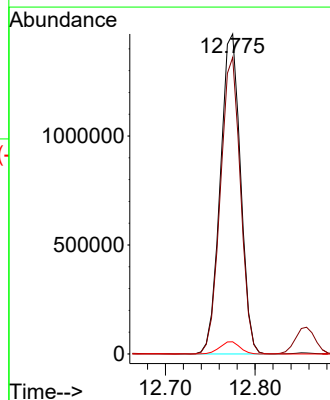
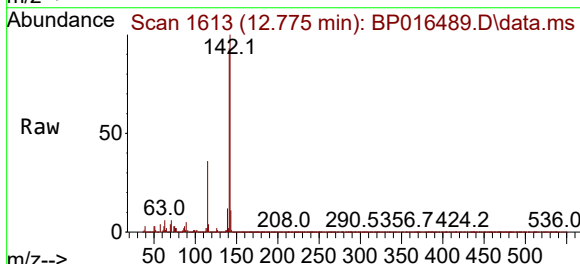
Instrument :
BNA_P
ClientSampleId :
PB154374BS

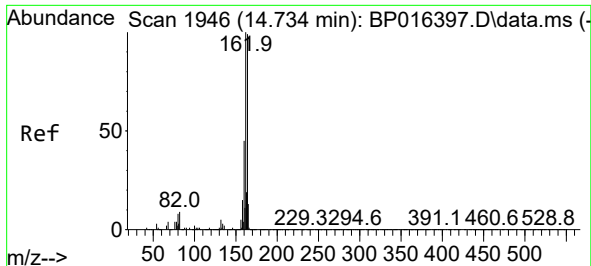
Tgt Ion:142 Resp: 2399811
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 34.6 27.0 40.4



#38
1-Methylnaphthalene
Concen: 42.347 ng
RT: 12.775 min Scan# 1613
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:142 Resp: 2297623
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6
116 3.8 2.9 4.3

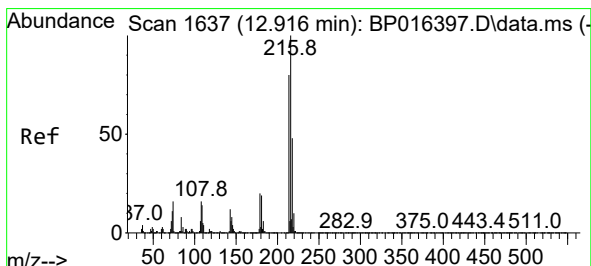
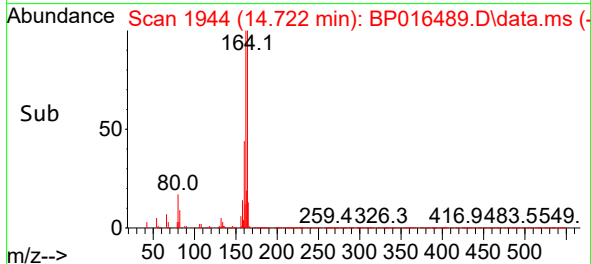
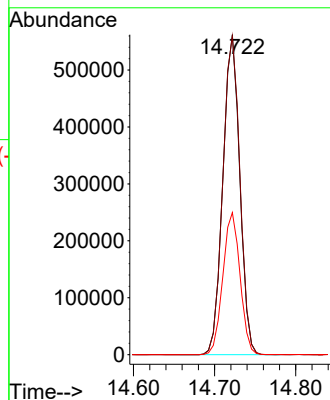
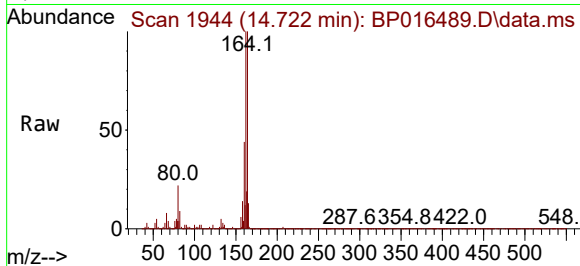




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

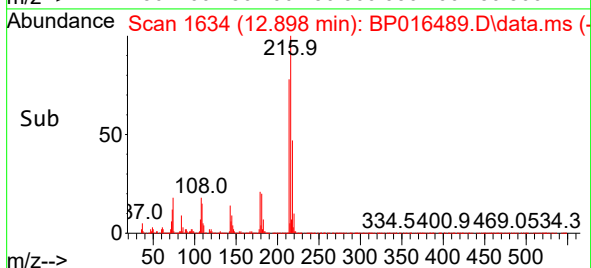
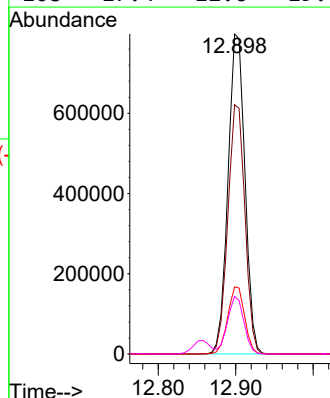
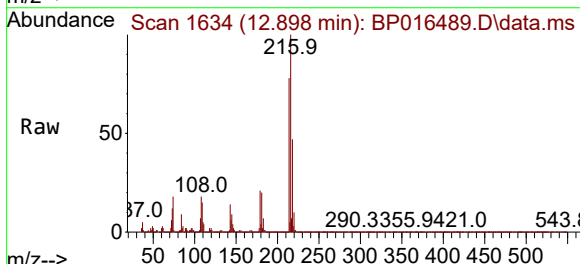
Instrument :
BNA_P
ClientSampleId :
PB154374BS

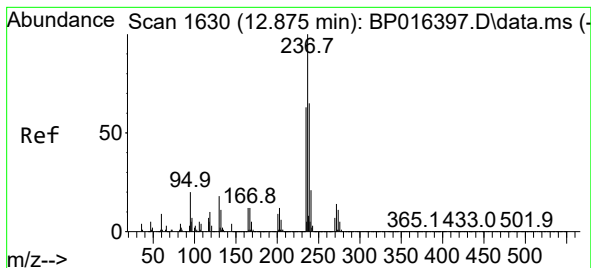
Tgt Ion:164 Resp: 812185
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.6
160 44.4 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.030 ng
RT: 12.898 min Scan# 1634
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:216 Resp: 1210147
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 21.0 16.0 24.0
108 17.4 12.6 19.0

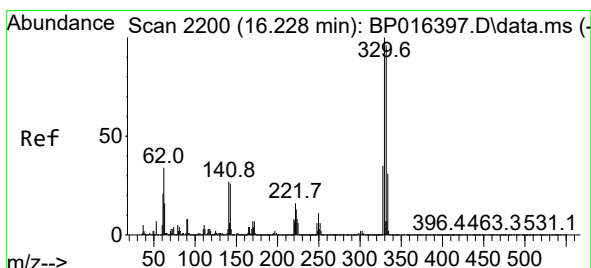
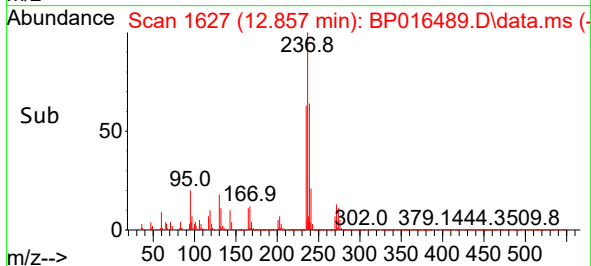
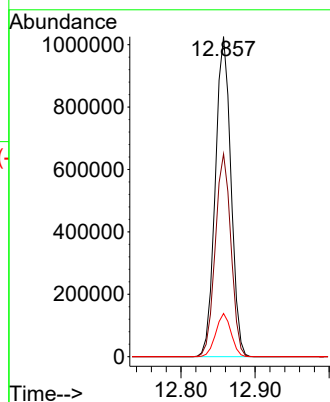
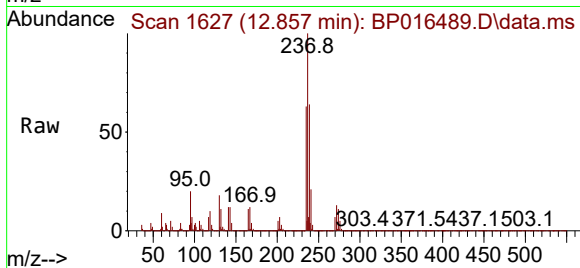




#41
Hexachlorocyclopentadiene
Concen: 120.989 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

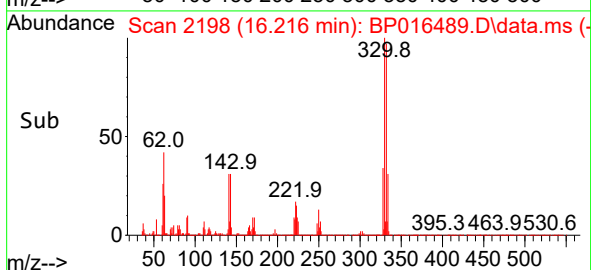
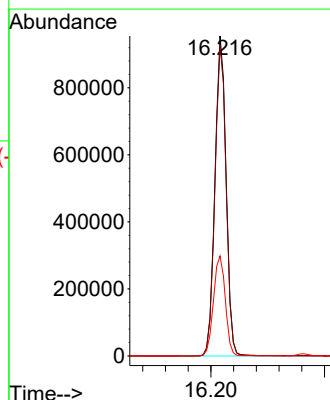
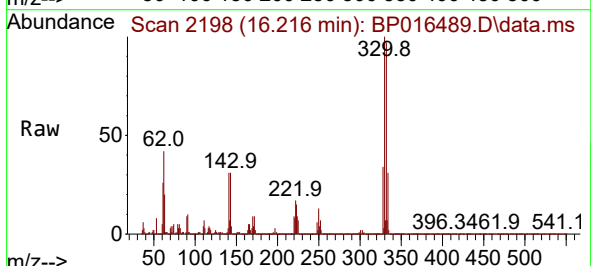
Instrument :
BNA_P
ClientSampleId :
PB154374BS

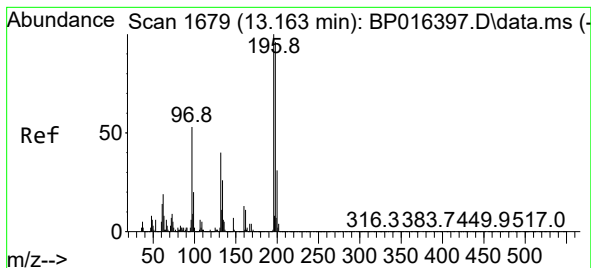
Tgt Ion:237 Resp: 1499789
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 109.067 ng
RT: 16.216 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:330 Resp: 1303175
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 33.1 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 50.898 ng

RT: 13.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

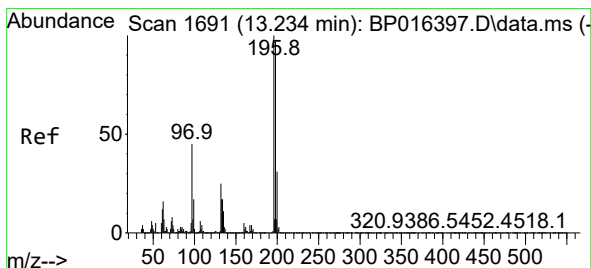
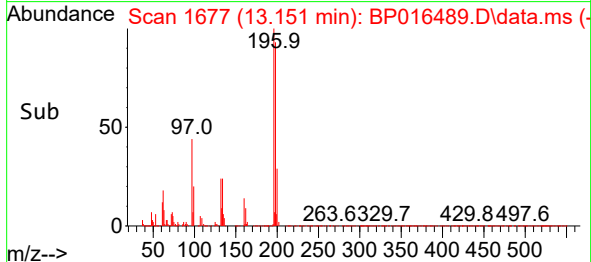
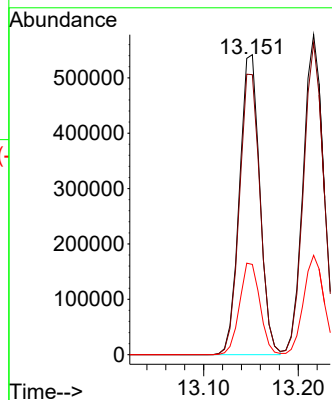
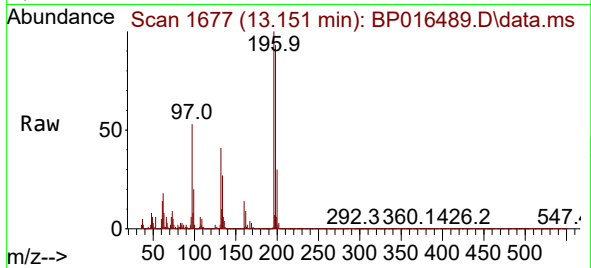
Tgt Ion:196 Resp: 806052

Ion Ratio Lower Upper

196 100

198 93.3 77.0 115.4

200 30.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.442 ng

RT: 13.216 min Scan# 1688

Delta R.T. -0.018 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Tgt Ion:196 Resp: 873101

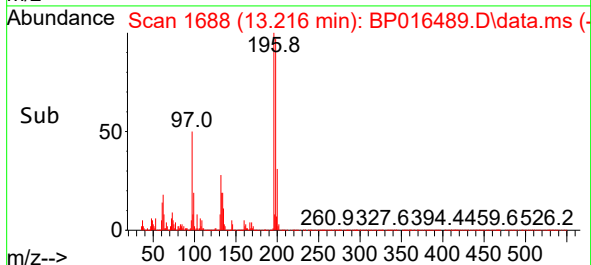
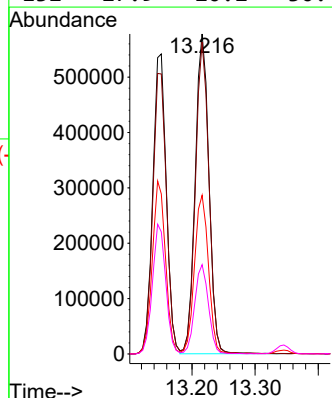
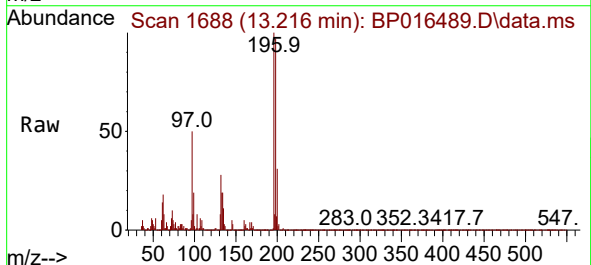
Ion Ratio Lower Upper

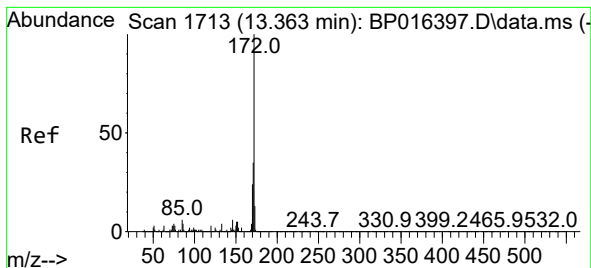
196 100

198 97.4 77.3 115.9

97 49.6 36.2 54.4

132 27.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 89.006 ng

RT: 13.346 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

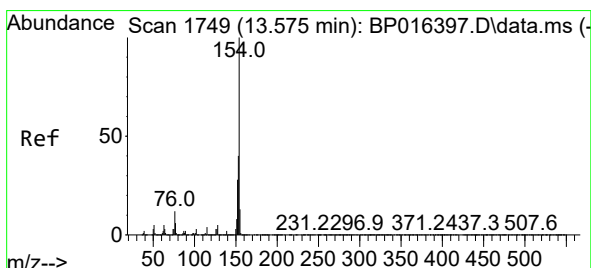
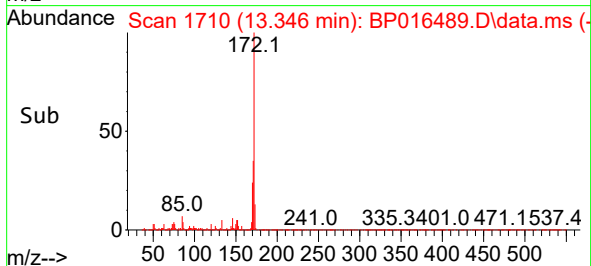
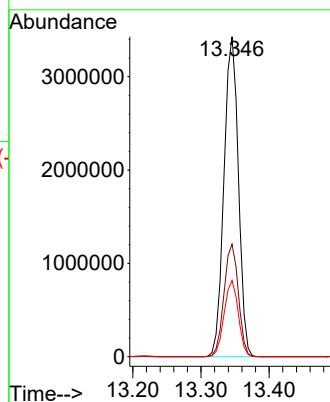
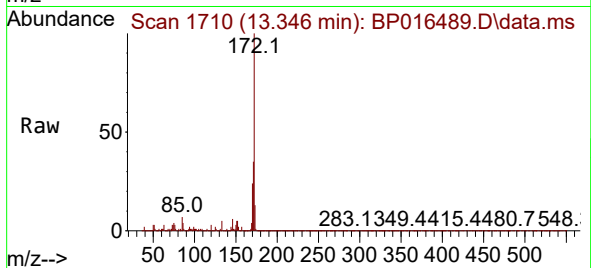
Tgt Ion:172 Resp: 5042238

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.821 ng

RT: 13.557 min Scan# 1746

Delta R.T. -0.018 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

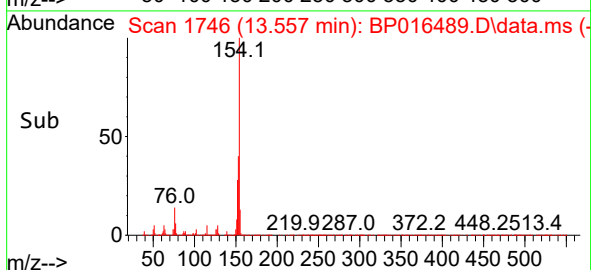
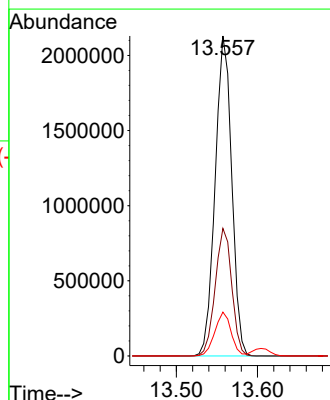
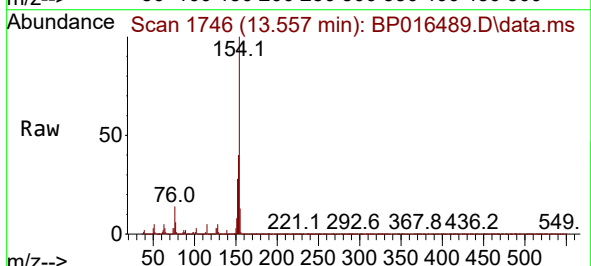
Tgt Ion:154 Resp: 3022567

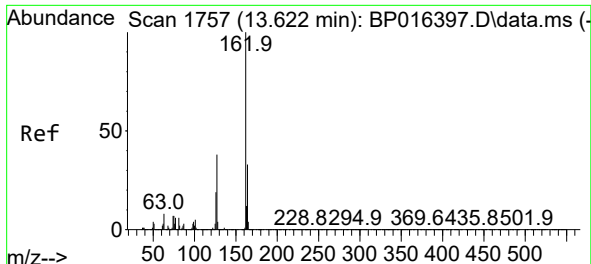
Ion Ratio Lower Upper

154 100

153 39.9 20.1 60.1

76 13.7 0.0 32.5

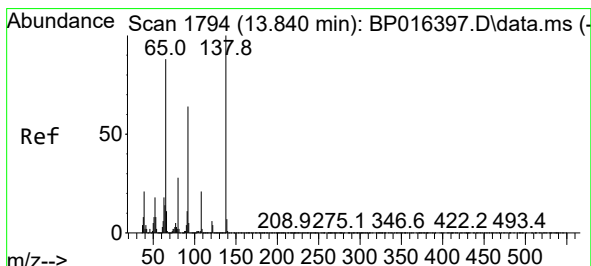
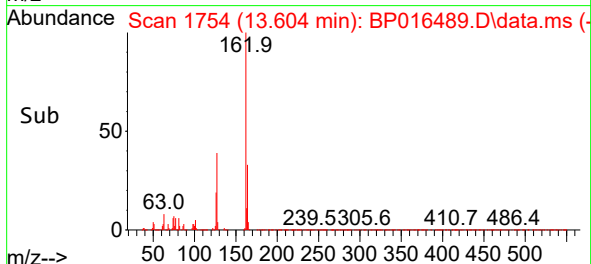
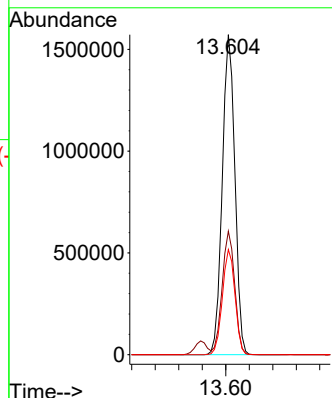
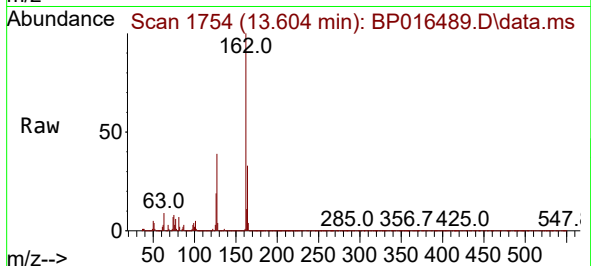




#47
2-Chloronaphthalene
Concen: 50.053 ng
RT: 13.604 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

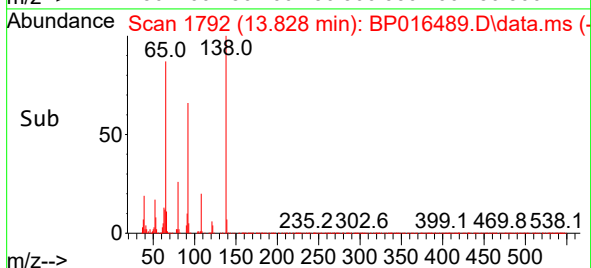
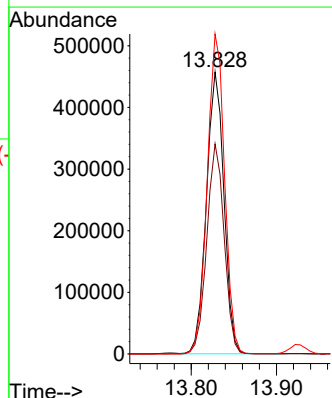
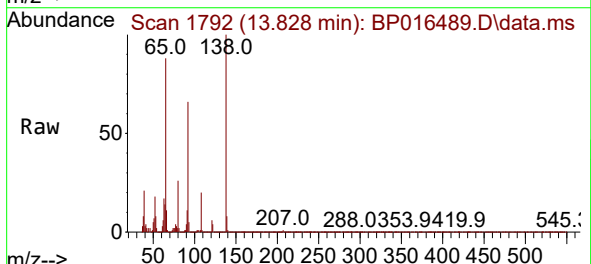
Instrument :
BNA_P
ClientSampleId :
PB154374BS

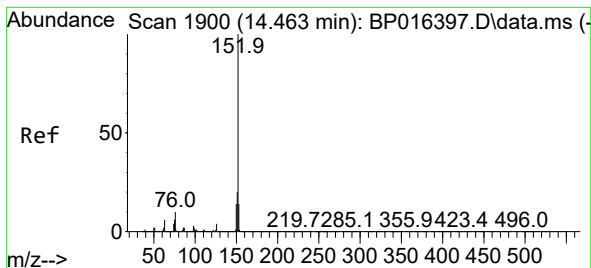
Tgt Ion:162 Resp: 2337897
Ion Ratio Lower Upper
162 100
127 38.6 30.1 45.1
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 49.602 ng
RT: 13.828 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion: 65 Resp: 653073
Ion Ratio Lower Upper
65 100
92 74.5 58.2 87.4
138 113.5 91.3 136.9





#49

Acenaphthylene

Concen: 48.494 ng

RT: 14.451 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

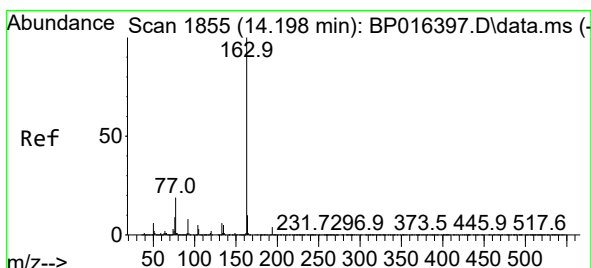
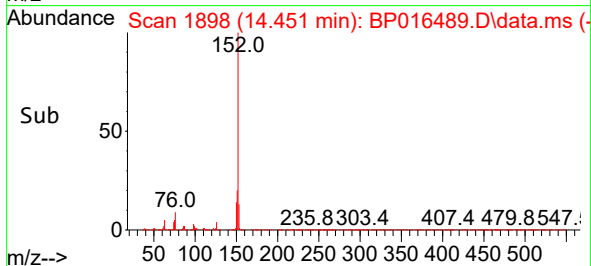
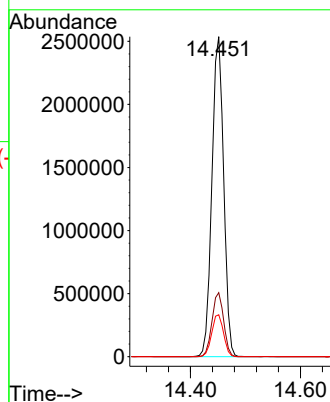
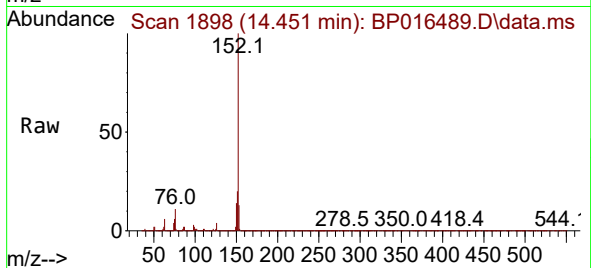
Tgt Ion:152 Resp: 3758233

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 44.019 ng

RT: 14.181 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

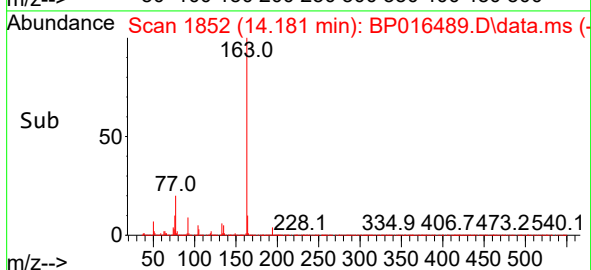
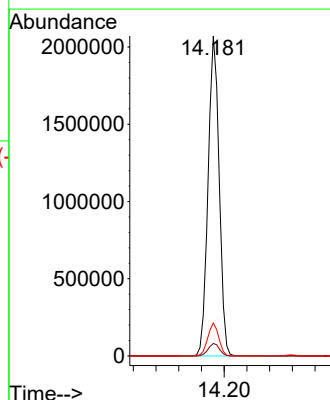
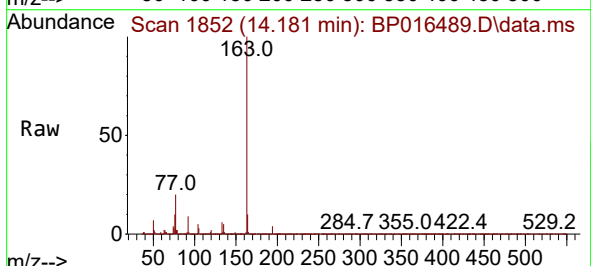
Tgt Ion:163 Resp: 2785995

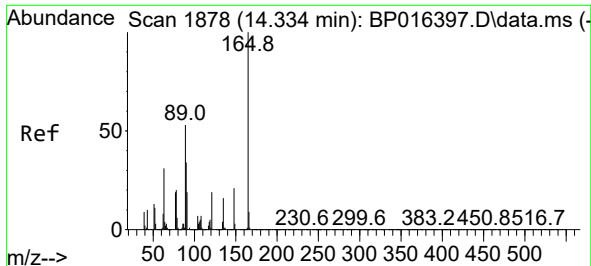
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 10.3 8.2 12.2

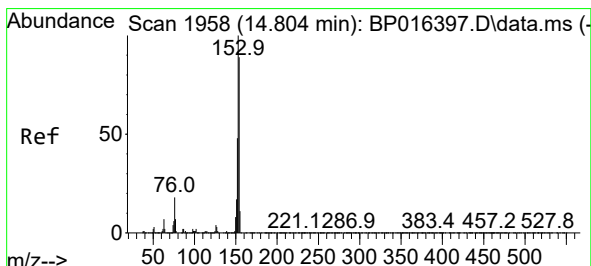
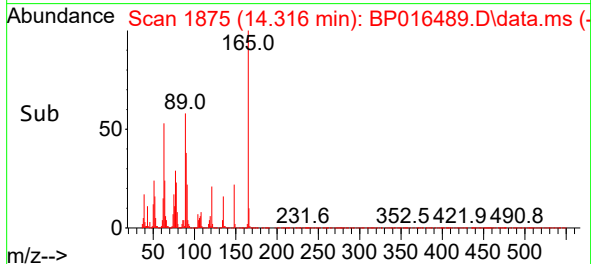
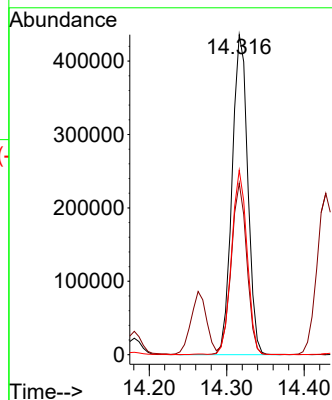
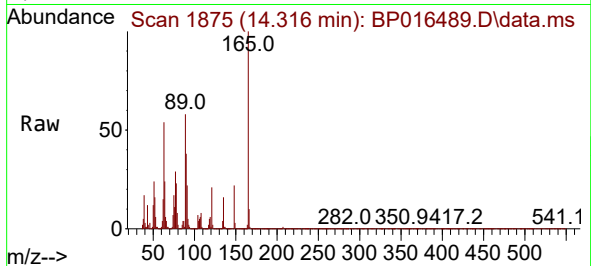




#51
2,6-Dinitrotoluene
Concen: 47.345 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

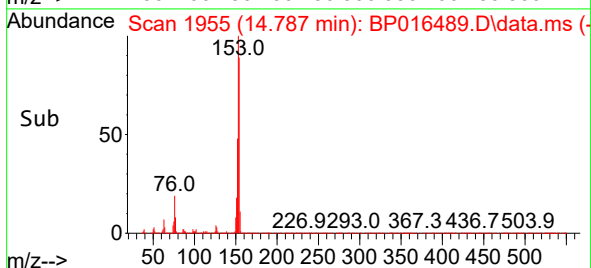
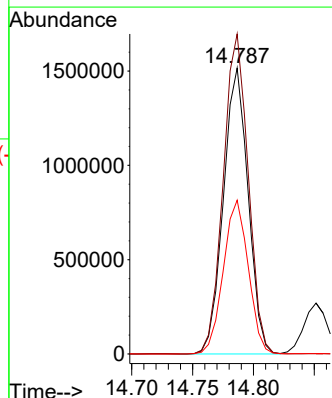
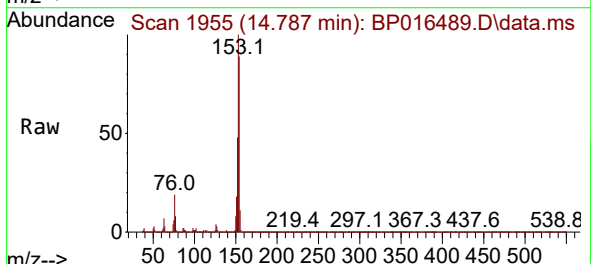
Instrument :
BNA_P
ClientSampleId :
PB154374BS

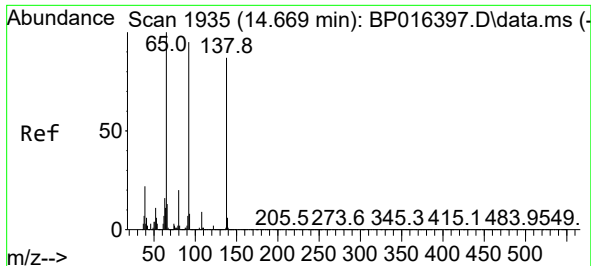
Tgt Ion:165 Resp: 613867
Ion Ratio Lower Upper
165 100
63 53.6 39.1 58.7
89 57.7 42.5 63.7



#52
Acenaphthene
Concen: 46.505 ng
RT: 14.787 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:154 Resp: 2143163
Ion Ratio Lower Upper
154 100
153 111.9 90.4 135.6
152 53.8 43.4 65.0

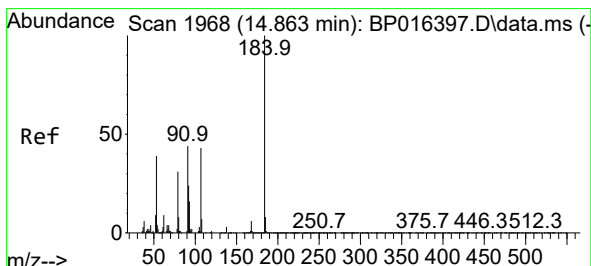
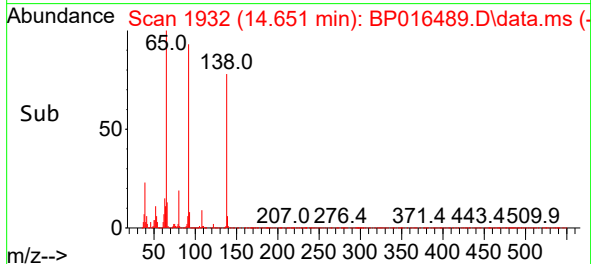
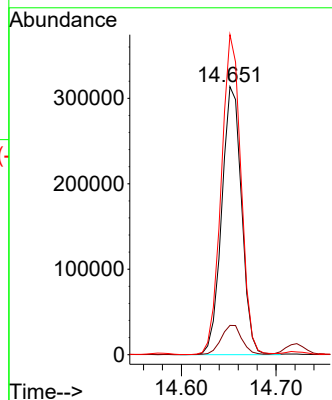
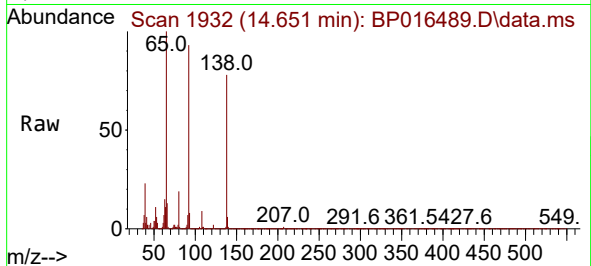




#53
3-Nitroaniline
Concen: 31.190 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

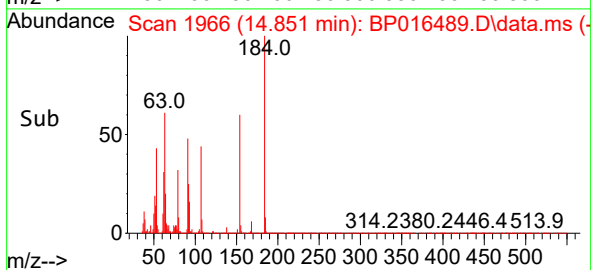
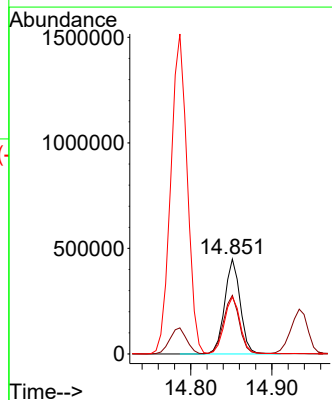
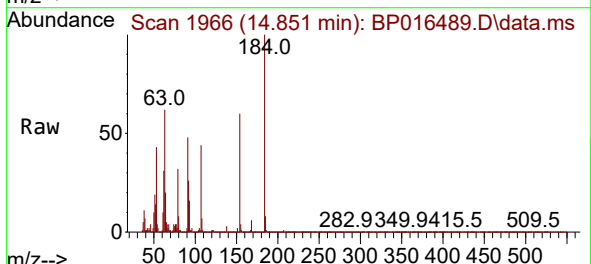
Instrument :
BNA_P
ClientSampleId :
PB154374BS

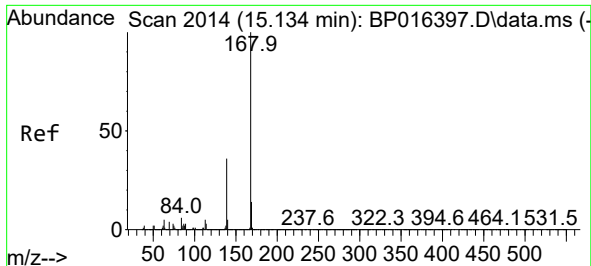
Tgt Ion:138 Resp: 457202
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 119.4 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 96.976 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:184 Resp: 599671
Ion Ratio Lower Upper
184 100
63 61.6 48.2 72.4
154 60.0 49.6 74.4

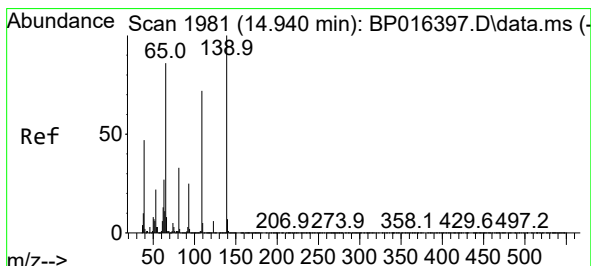
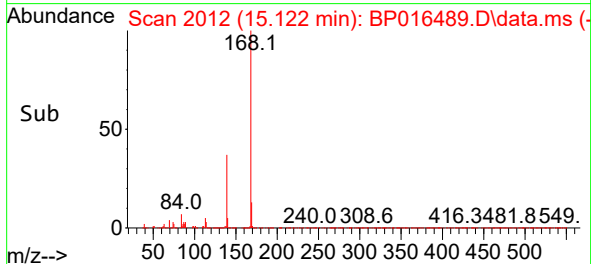
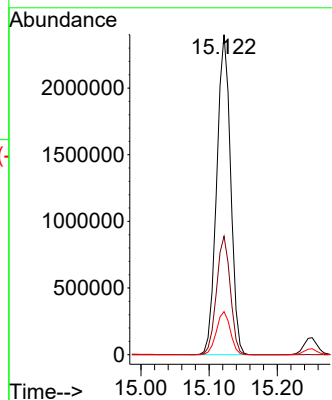
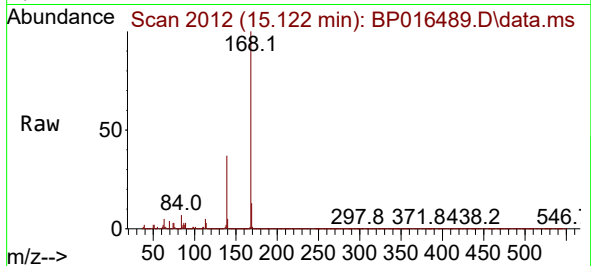




#55
Dibenzofuran
Concen: 44.997 ng
RT: 15.122 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

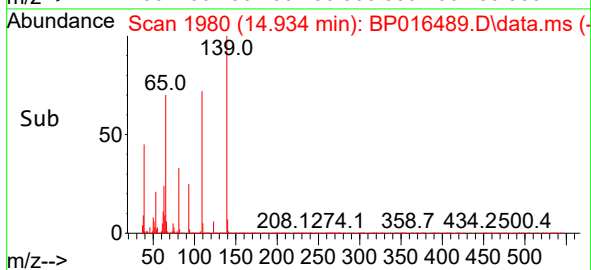
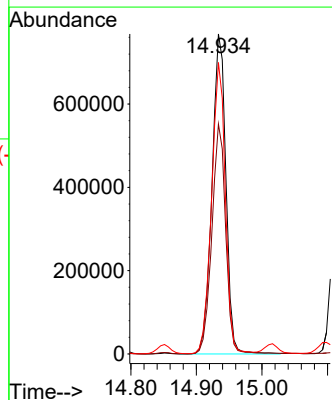
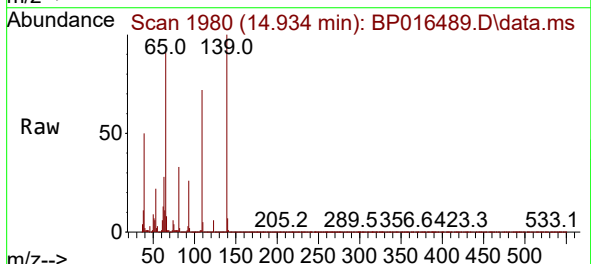
Instrument :
BNA_P
ClientSampleId :
PB154374BS

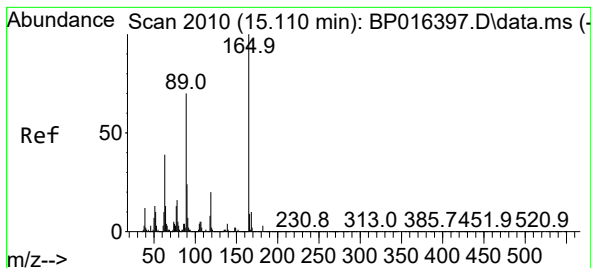
Tgt Ion:168 Resp: 3400955
Ion Ratio Lower Upper
168 100
139 37.0 28.9 43.3
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 98.504 ng
RT: 14.934 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:139 Resp: 1130306
Ion Ratio Lower Upper
139 100
109 71.8 51.9 91.9
65 91.1 66.2 106.2

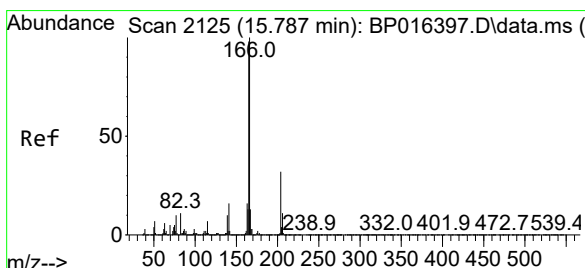
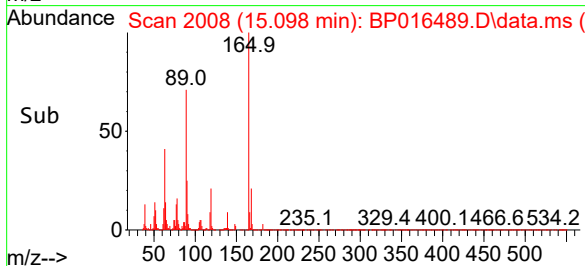
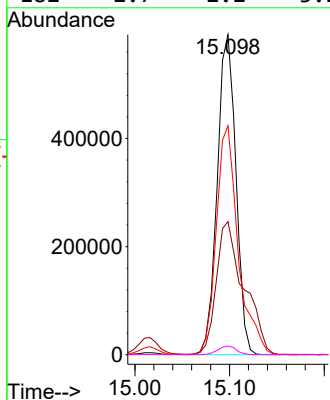
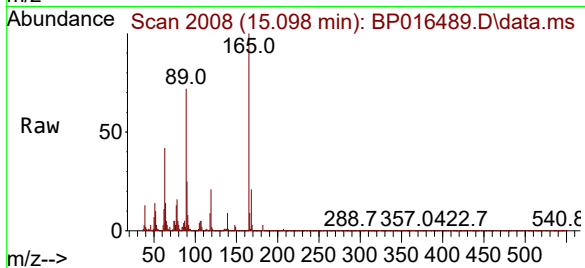




#57
2,4-Dinitrotoluene
Concen: 48.107 ng
RT: 15.098 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

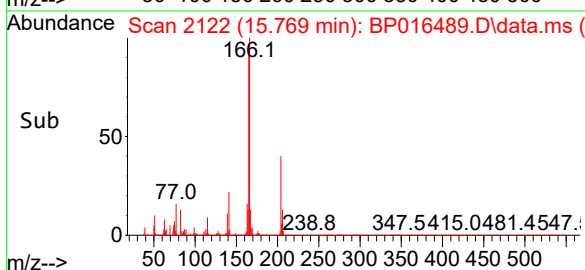
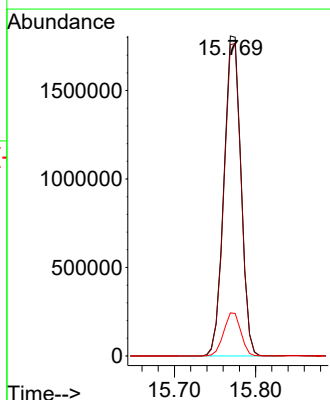
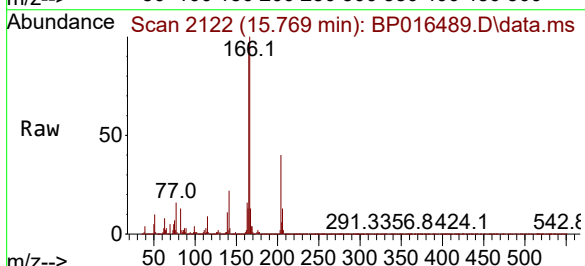
Instrument :
BNA_P
ClientSampleId :
PB154374BS

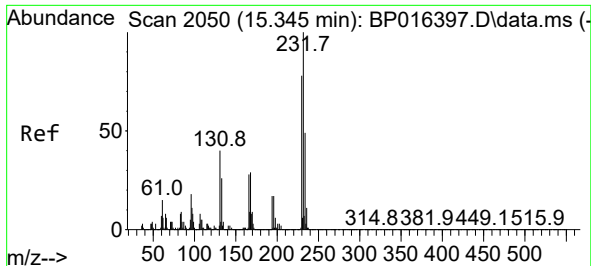
Tgt Ion:165 Resp: 812908
Ion Ratio Lower Upper
165 100
63 41.6 31.4 47.0
89 71.5 55.8 83.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.528 ng
RT: 15.769 min Scan# 2122
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:166 Resp: 2644038
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.5 10.6 16.0

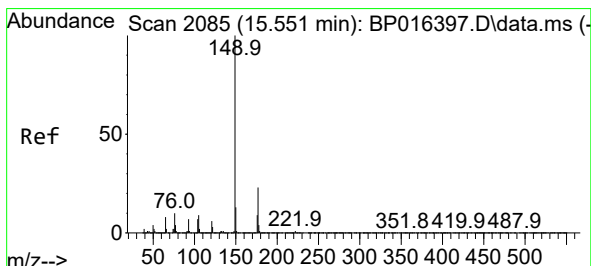
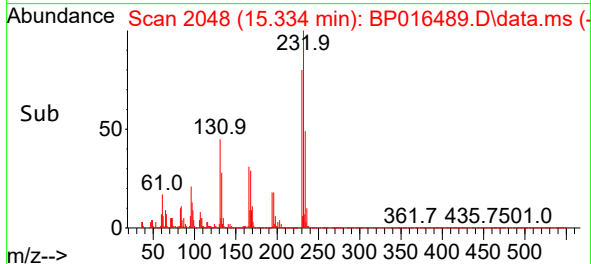
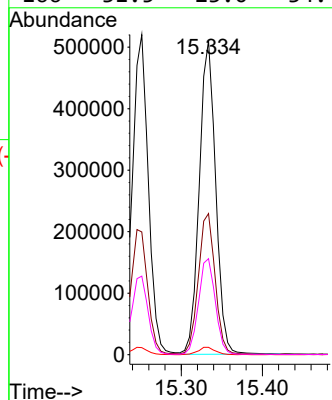
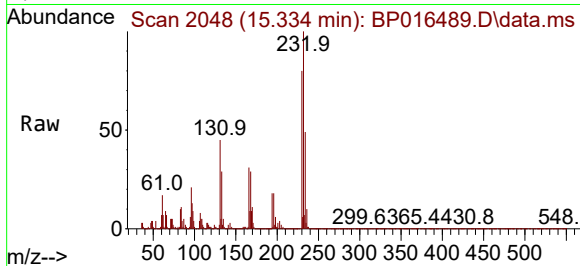




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.279 ng
RT: 15.334 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

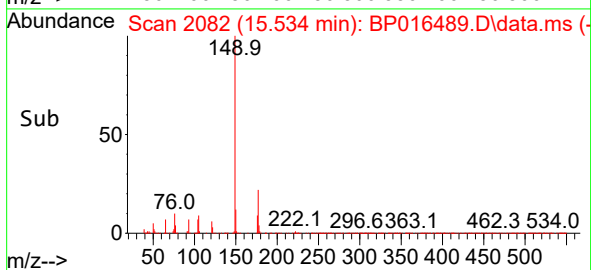
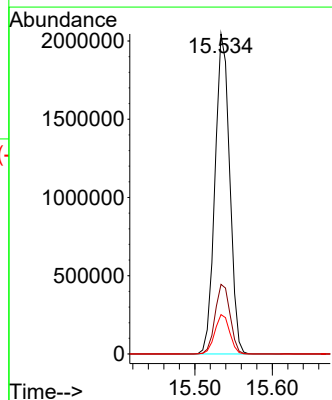
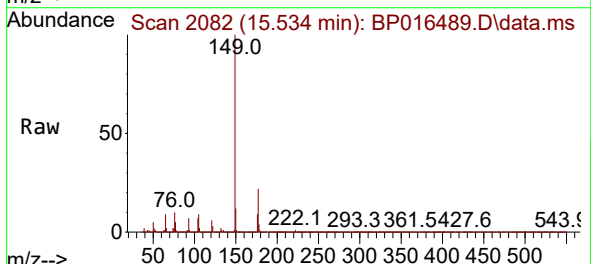
Instrument :
BNA_P
ClientSampleId :
PB154374BS

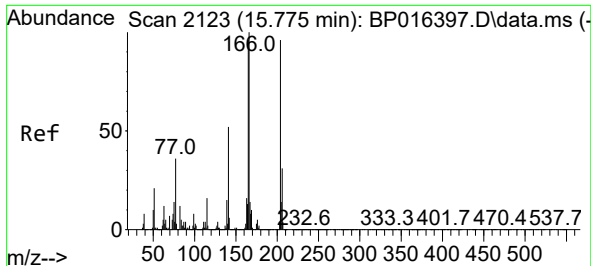
Tgt Ion:232 Resp: 715641
Ion Ratio Lower Upper
232 100
131 46.1 33.1 49.7
130 2.5 1.8 2.8
166 31.5 23.0 34.4



#60
Diethylphthalate
Concen: 42.959 ng
RT: 15.534 min Scan# 2082
Delta R.T. -0.018 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:149 Resp: 2702024
Ion Ratio Lower Upper
149 100
177 21.7 18.6 27.8
150 12.3 10.1 15.1

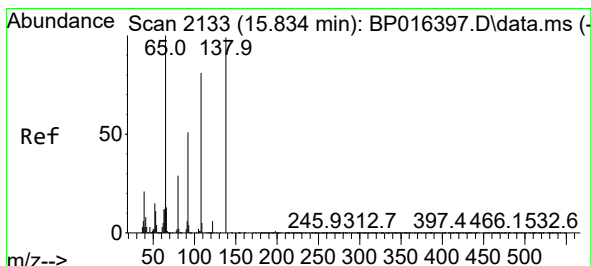
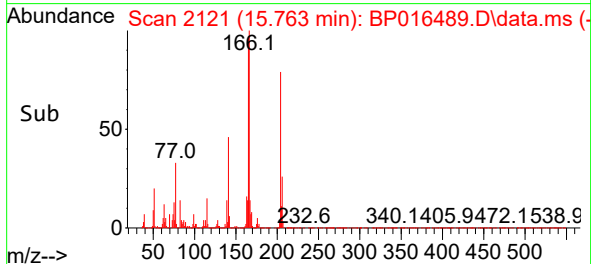
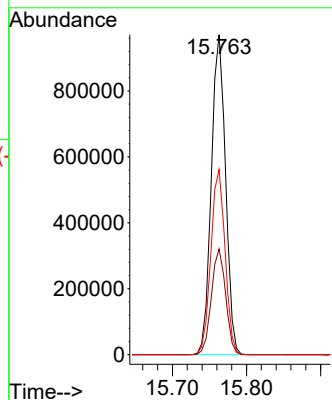
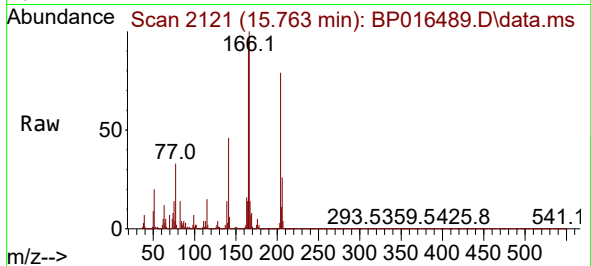




#61
4-Chlorophenyl-phenylether
Concen: 43.107 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

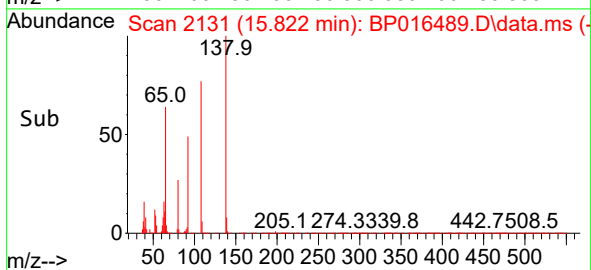
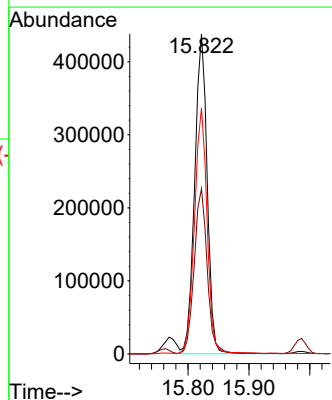
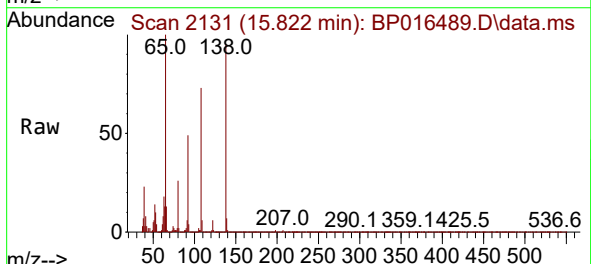
Instrument :
BNA_P
ClientSampleId :
PB154374BS

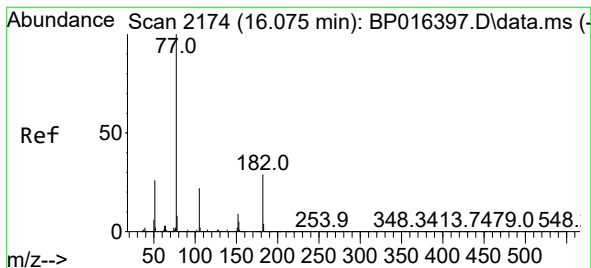
Tgt Ion:204 Resp: 1291670
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 57.8 43.4 65.0



#62
4-Nitroaniline
Concen: 42.828 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:138 Resp: 623037
Ion Ratio Lower Upper
138 100
92 51.7 30.3 70.3
108 76.9 60.1 100.1





#63

Azobenzene

Concen: 45.266 ng

RT: 16.057 min Scan# 2174

Delta R.T. -0.018 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

Tgt Ion: 77 Resp: 2688334

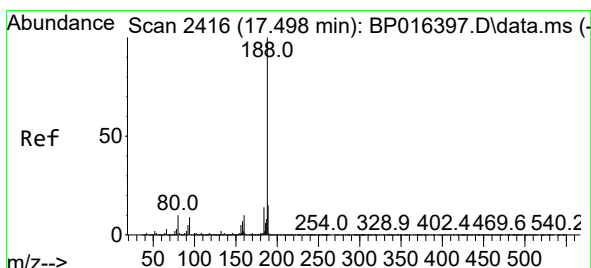
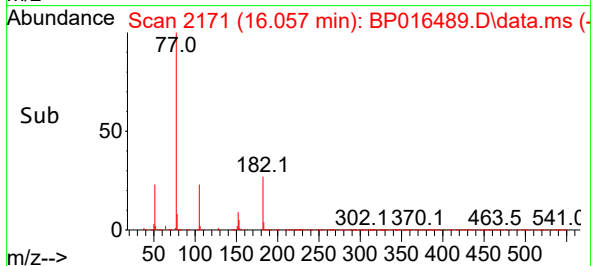
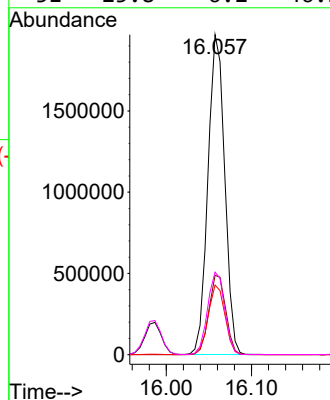
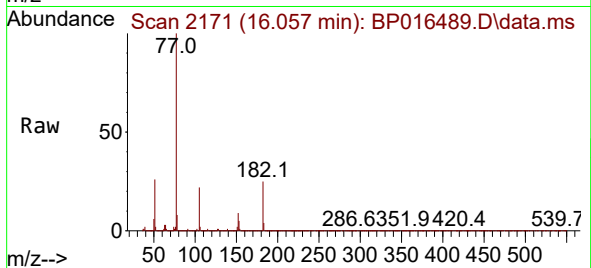
Ion Ratio Lower Upper

77 100

182 24.8 8.6 48.6

105 21.7 2.4 42.4

51 25.8 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

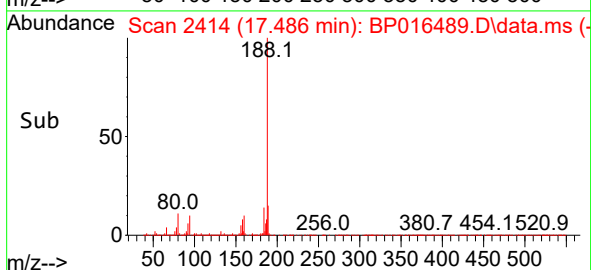
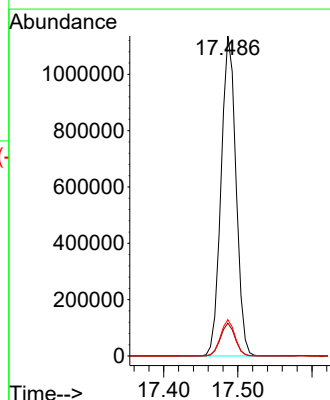
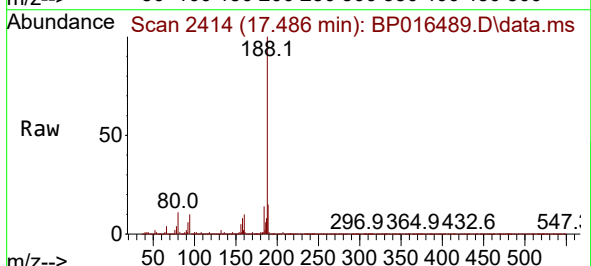
Tgt Ion: 188 Resp: 1585854

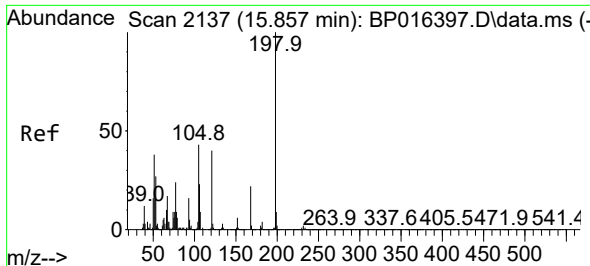
Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 11.3 7.8 11.8

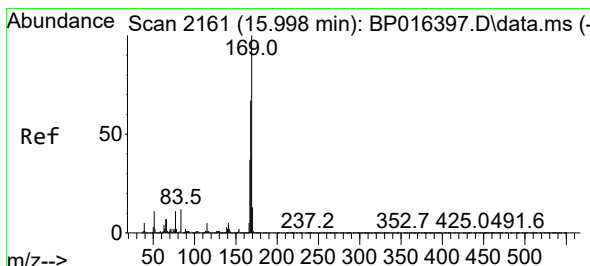
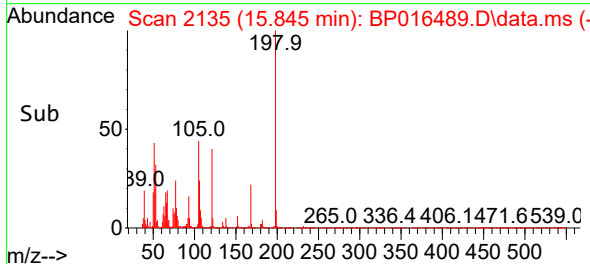
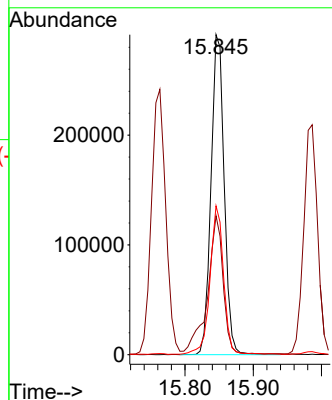
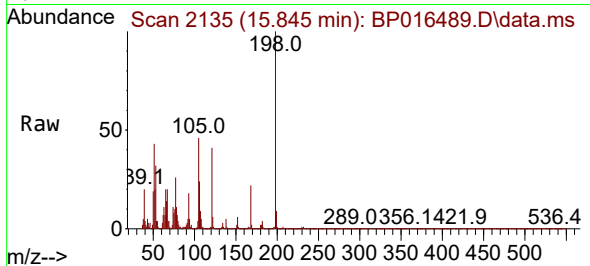




#65
4,6-Dinitro-2-methylphenol
Concen: 52.238 ng
RT: 15.845 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

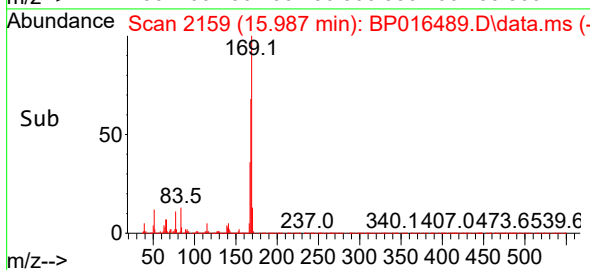
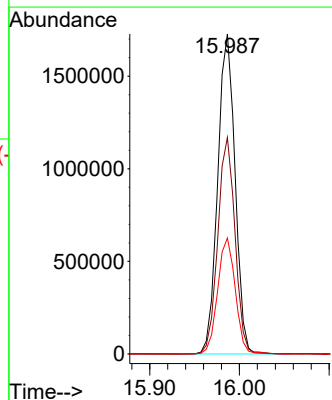
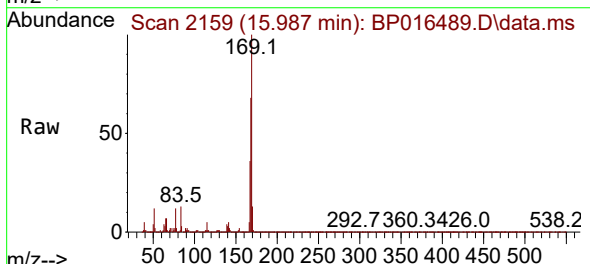
Instrument :
BNA_P
ClientSampleId :
PB154374BS

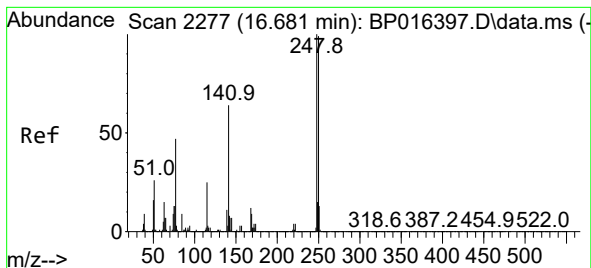
Tgt Ion:198 Resp: 392652
Ion Ratio Lower Upper
198 100
51 43.4 20.1 60.1
105 46.5 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 49.577 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:169 Resp: 2317039
Ion Ratio Lower Upper
169 100
168 67.7 53.6 80.4
167 36.2 29.2 43.8

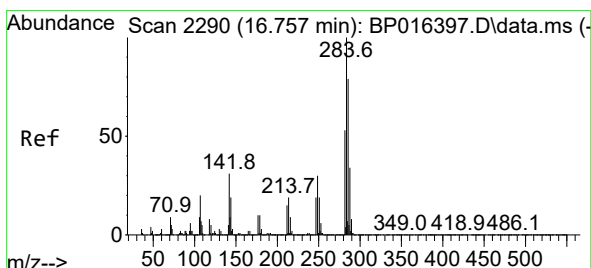
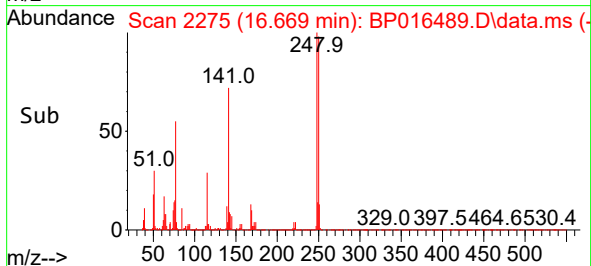
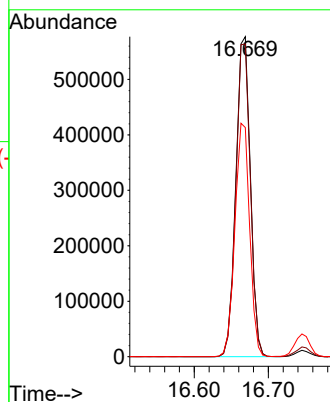
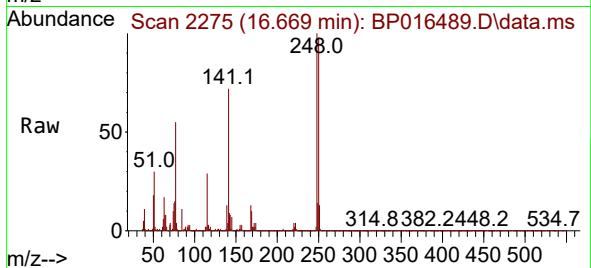




#67
4-Bromophenyl-phenylether
Concen: 46.762 ng
RT: 16.669 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

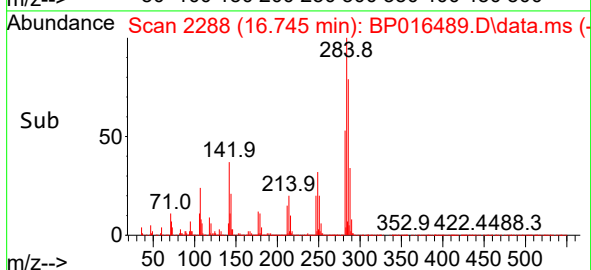
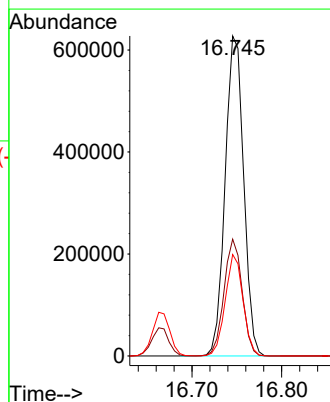
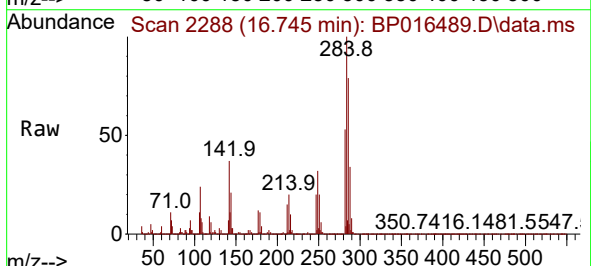
Instrument :
BNA_P
ClientSampleId :
PB154374BS

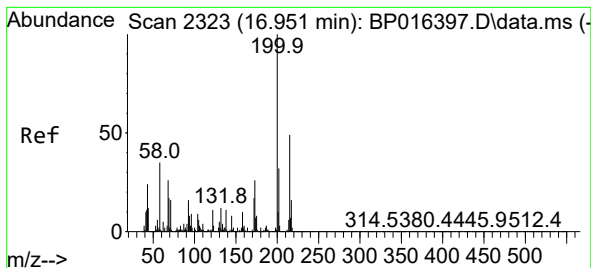
Tgt Ion:248 Resp: 785229
Ion Ratio Lower Upper
248 100
250 97.7 78.9 118.3
141 71.6 51.0 76.4



#68
Hexachlorobenzene
Concen: 47.998 ng
RT: 16.745 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:284 Resp: 898820
Ion Ratio Lower Upper
284 100
142 36.5 25.2 37.8
249 31.7 26.0 39.0





#69

Atrazine

Concen: 55.747 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

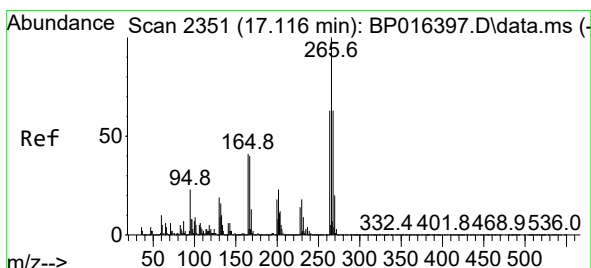
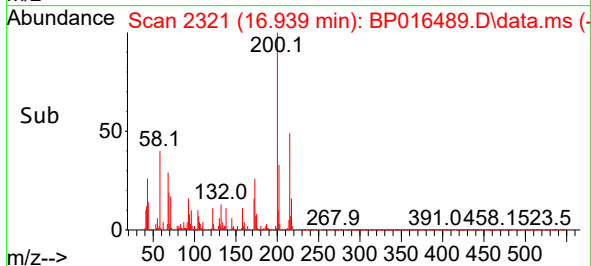
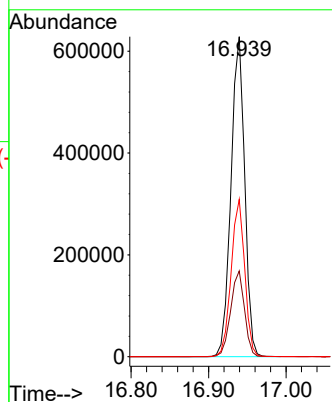
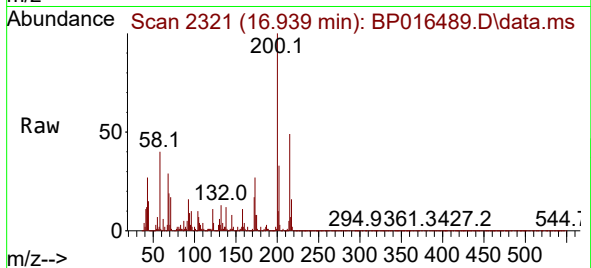
Tgt Ion:200 Resp: 774847

Ion Ratio Lower Upper

200 100

173 26.8 5.8 45.8

215 49.2 29.2 69.2



#70

Pentachlorophenol

Concen: 79.396 ng

RT: 17.110 min Scan# 2350

Delta R.T. -0.006 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

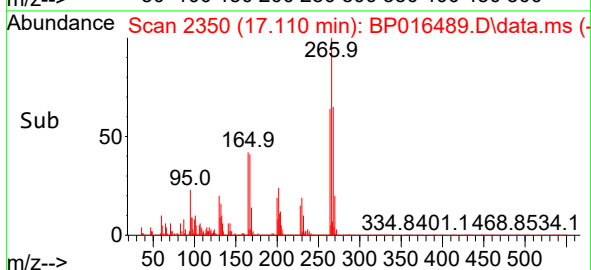
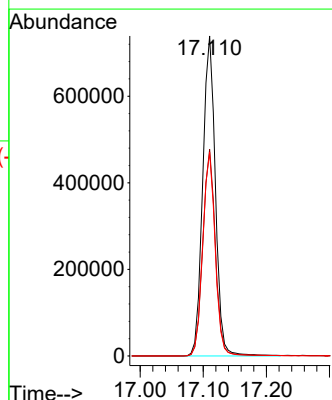
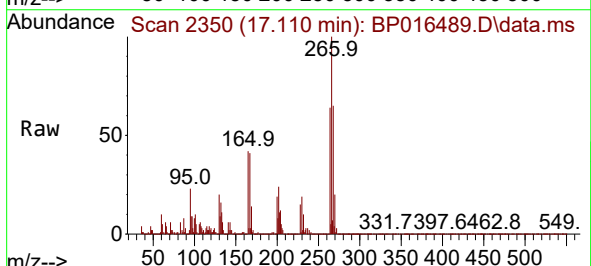
Tgt Ion:266 Resp: 1028887

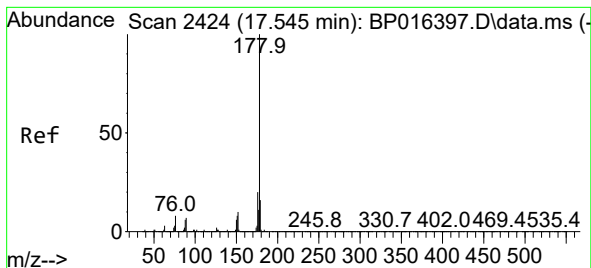
Ion Ratio Lower Upper

266 100

268 64.6 53.9 80.9

264 63.6 54.9 82.3





#71

Phenanthrene

Concen: 48.121 ng

RT: 17.534 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

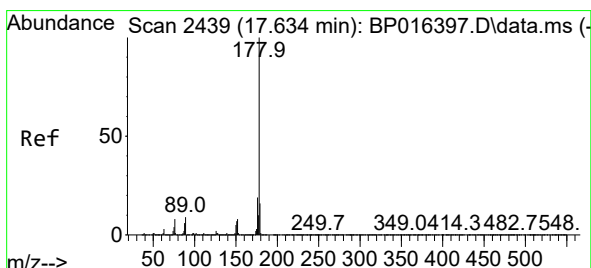
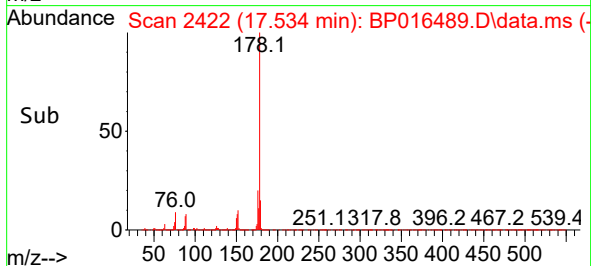
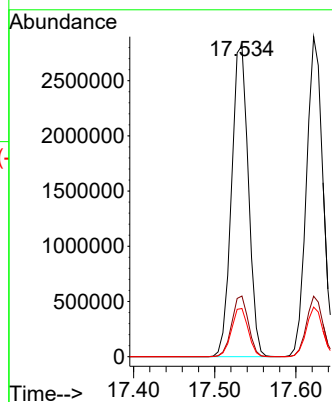
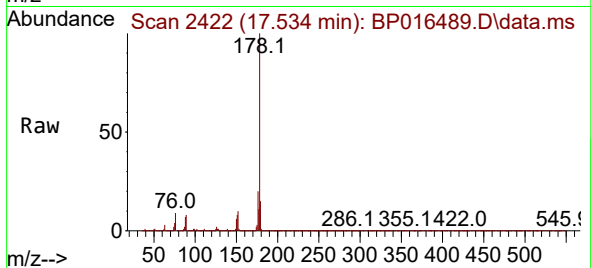
Tgt Ion:178 Resp: 4052189

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.5 12.4 18.6



#72

Anthracene

Concen: 48.180 ng

RT: 17.622 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

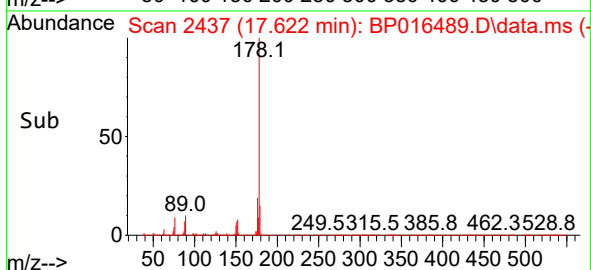
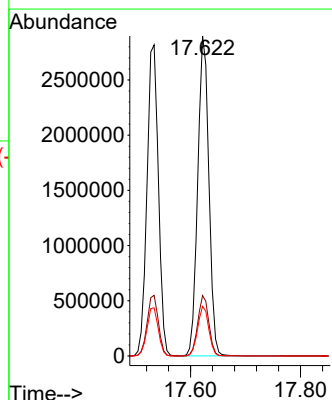
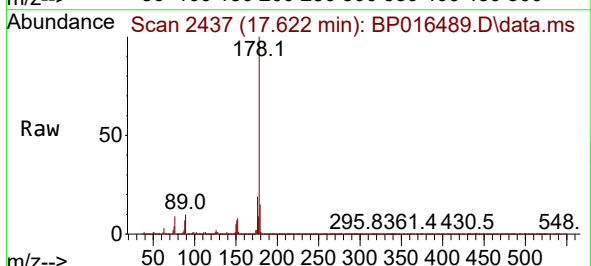
Tgt Ion:178 Resp: 4079647

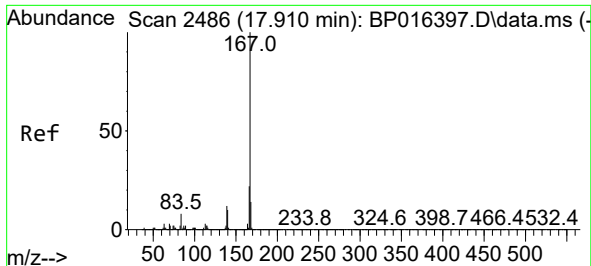
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.5 12.6 19.0

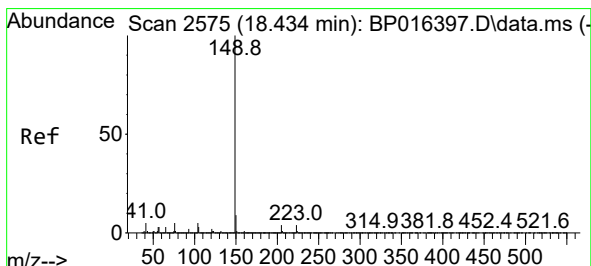
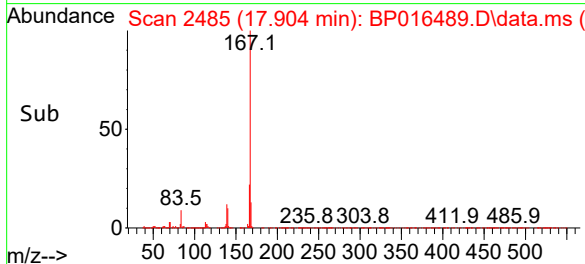
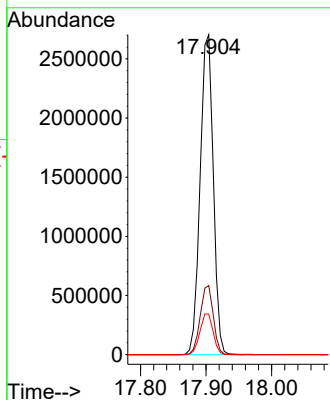
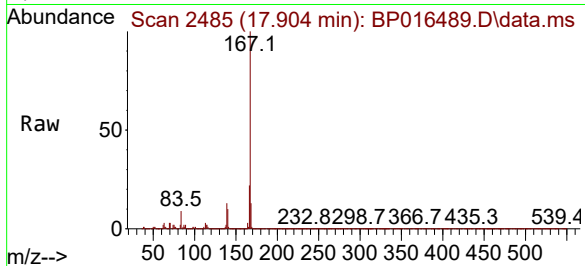




#73
 Carbazole
 Concen: 47.683 ng
 RT: 17.904 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

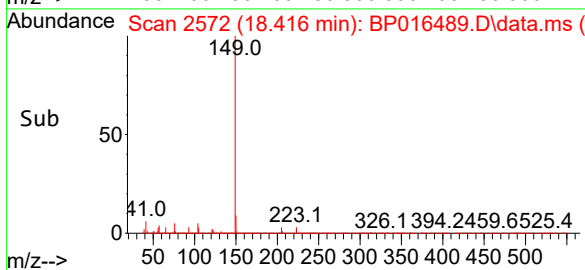
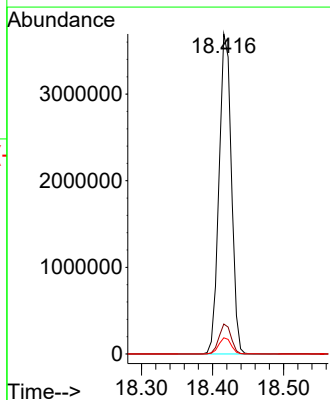
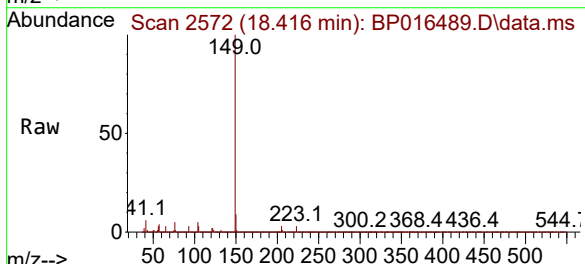
Instrument :
 BNA_P
 ClientSampleId :
 PB154374BS

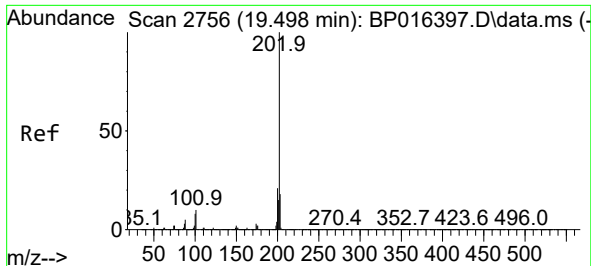
Tgt Ion:167 Resp: 3785353
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.7 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 48.344 ng
 RT: 18.416 min Scan# 2572
 Delta R.T. -0.018 min
 Lab File: BP016489.D
 Acq: 03 Aug 2023 13:25

Tgt Ion:149 Resp: 4440141
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 3.8 5.8

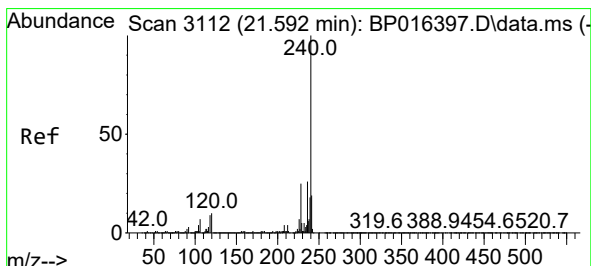
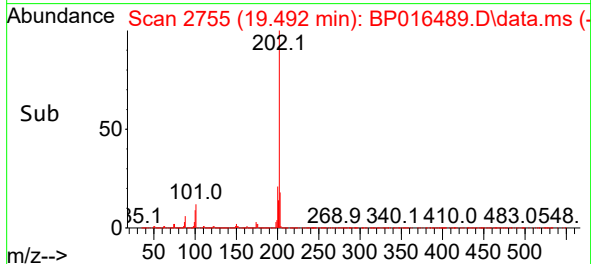
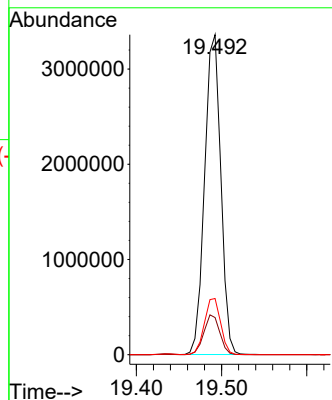
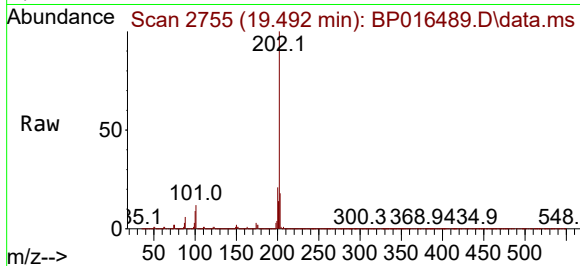




#75
Fluoranthene
Concen: 44.934 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

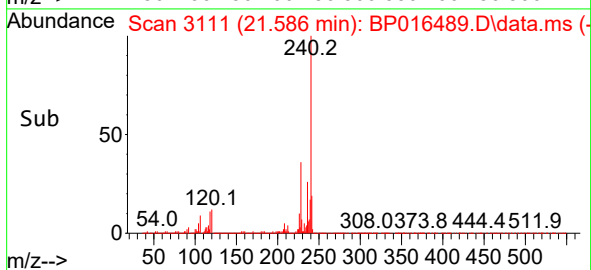
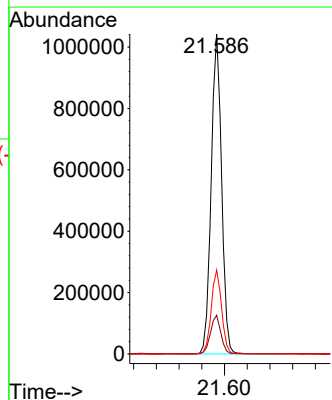
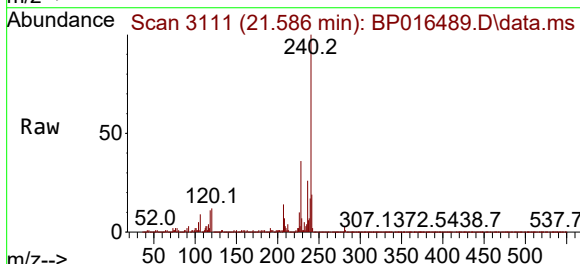
Instrument :
BNA_P
ClientSampleId :
PB154374BS

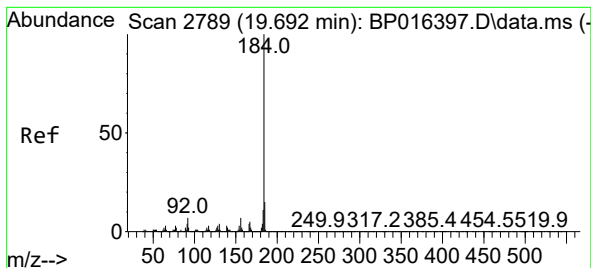
Tgt Ion:202 Resp: 4434989
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.2
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:240 Resp: 1316993
Ion Ratio Lower Upper
240 100
120 12.1 7.9 11.9#
236 26.3 21.1 31.7





#77

Benzidine

Concen: 79.894 ng

RT: 19.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

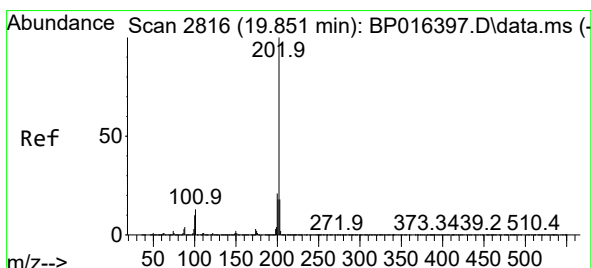
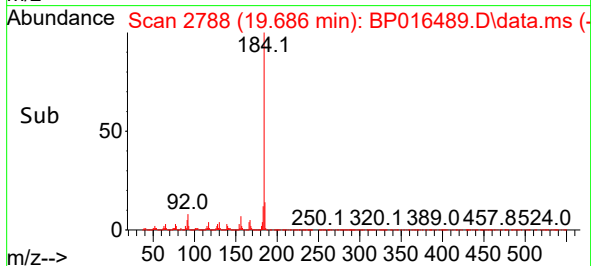
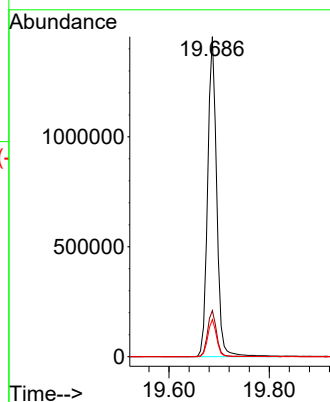
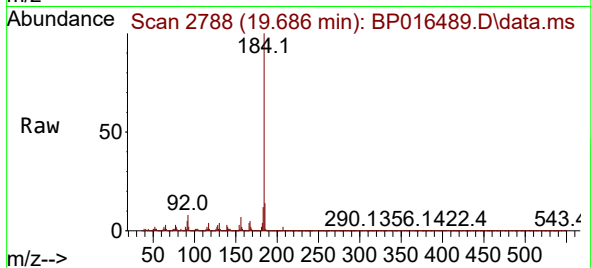
Tgt Ion:184 Resp: 1824275

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 11.6 9.2 13.8



#78

Pyrene

Concen: 52.346 ng

RT: 19.845 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

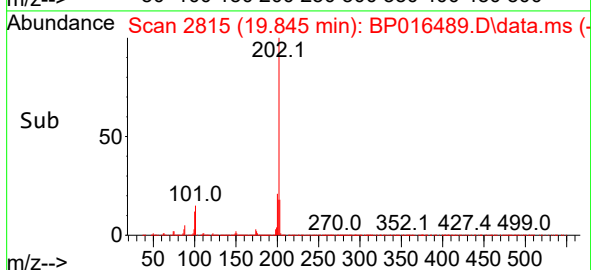
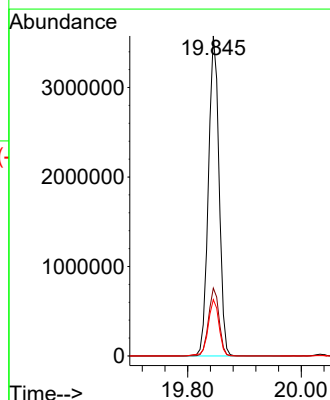
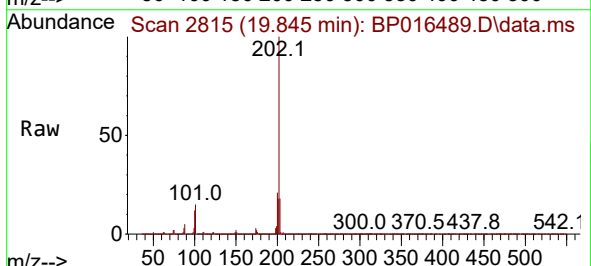
Tgt Ion:202 Resp: 4621336

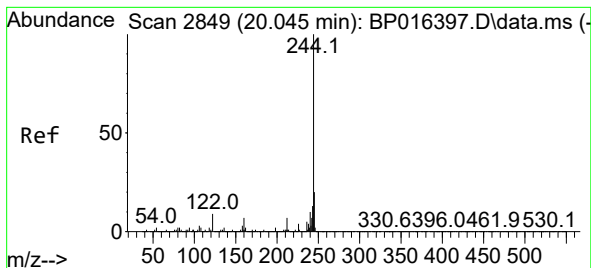
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 102.551 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

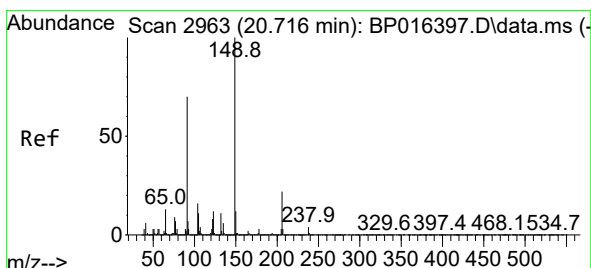
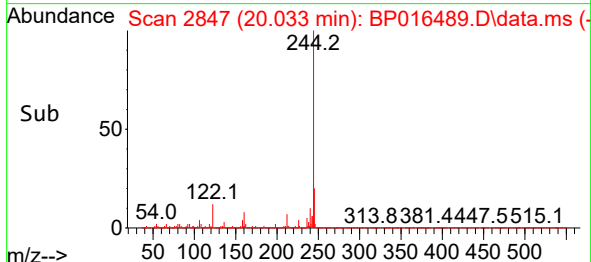
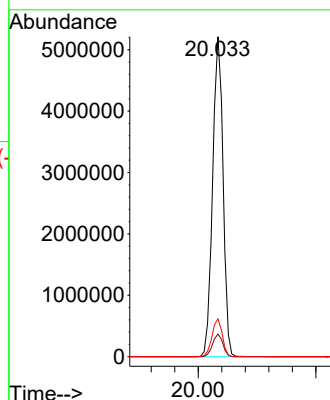
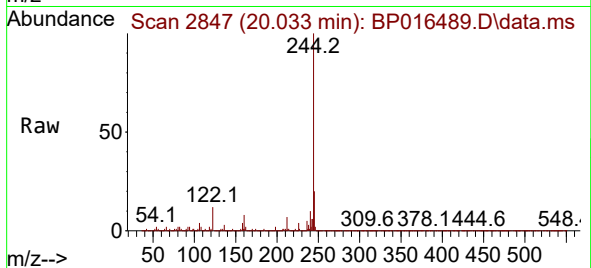
Tgt Ion:244 Resp: 6393542

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.8 7.4 11.2#



#80

Butylbenzylphthalate

Concen: 55.074 ng

RT: 20.710 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

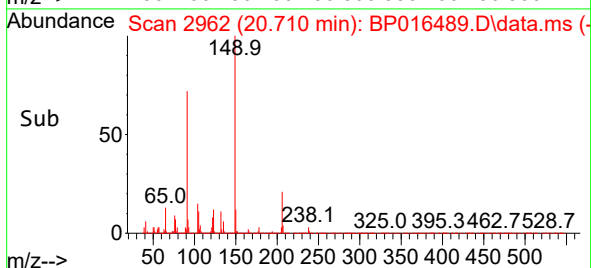
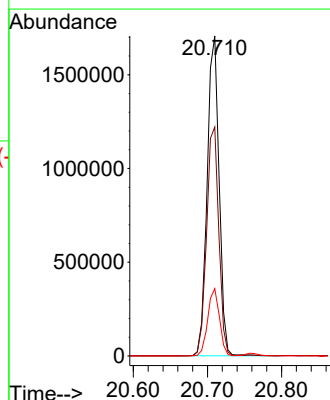
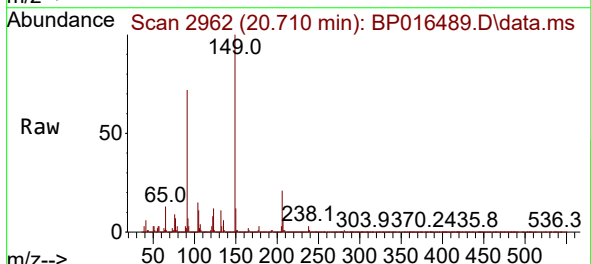
Tgt Ion:149 Resp: 1910140

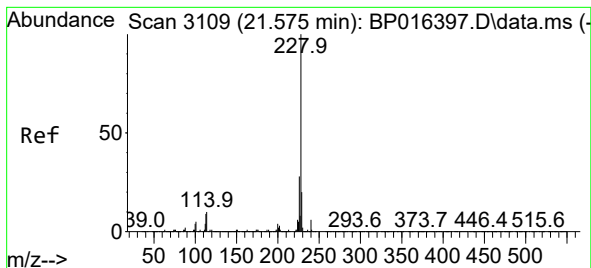
Ion Ratio Lower Upper

149 100

91 71.5 56.1 84.1

206 21.1 17.8 26.6





#81

Benzo(a)anthracene

Concen: 49.052 ng

RT: 21.569 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

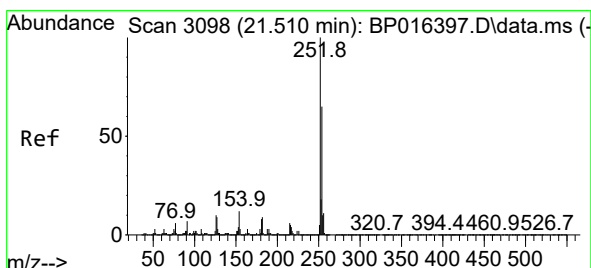
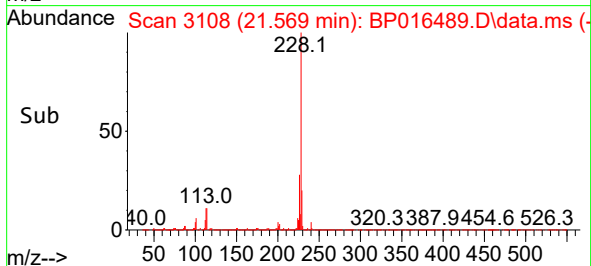
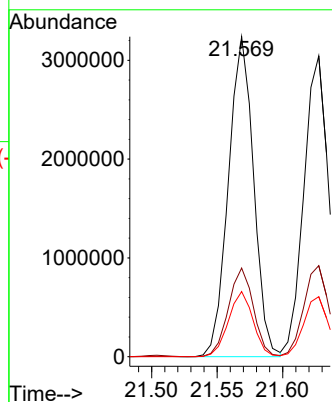
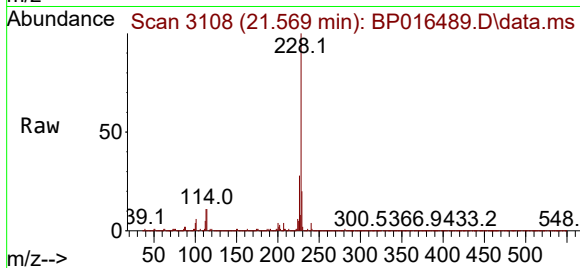
Tgt Ion:228 Resp: 4334454

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

229 20.3 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 36.821 ng

RT: 21.504 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

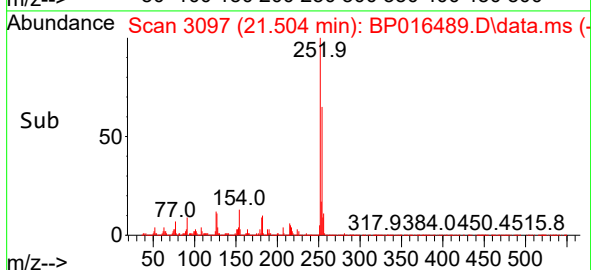
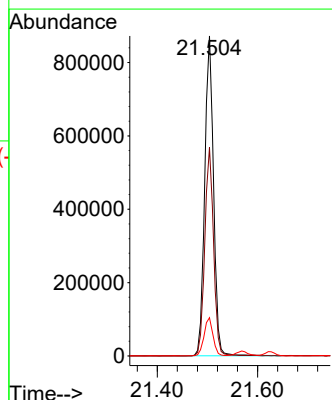
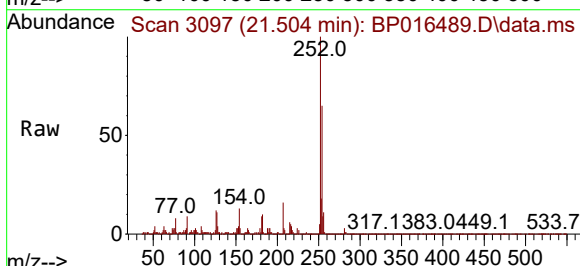
Tgt Ion:252 Resp: 1068075

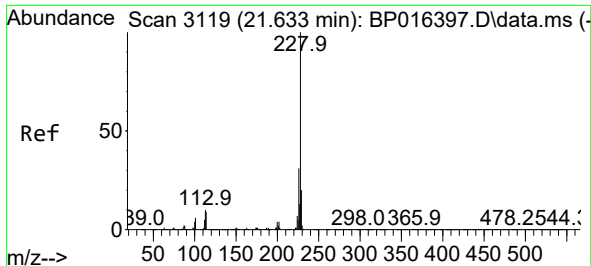
Ion Ratio Lower Upper

252 100

254 65.1 52.2 78.2

126 11.9 7.8 11.6#

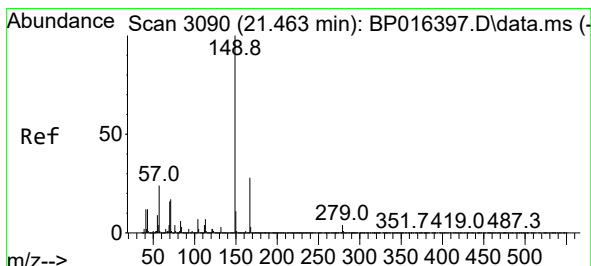
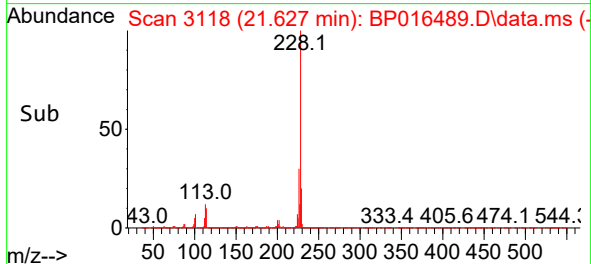
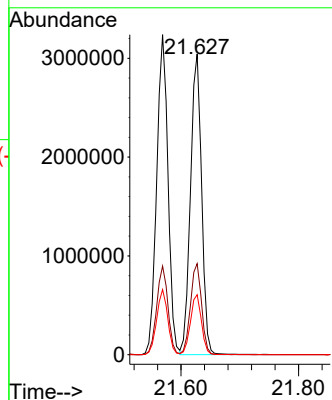
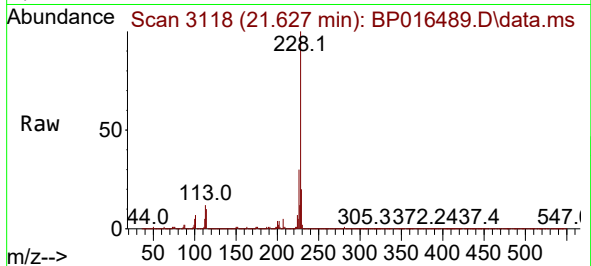




#83
Chrysene
Concen: 47.393 ng
RT: 21.627 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

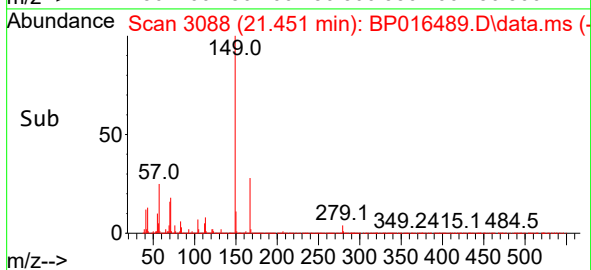
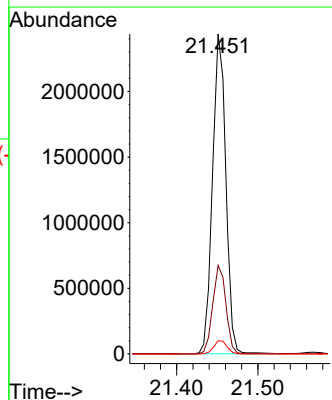
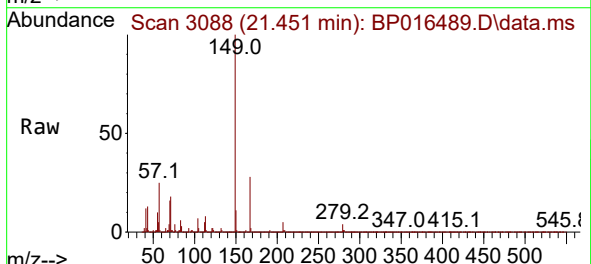
Instrument :
BNA_P
ClientSampleId :
PB154374BS

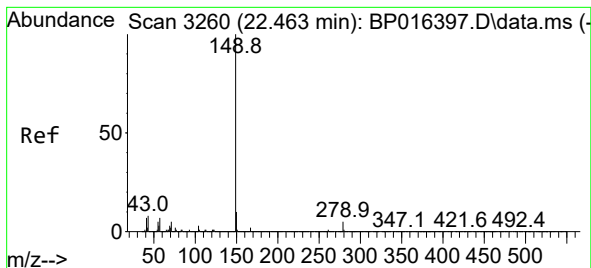
Tgt Ion:228 Resp: 3999053
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.091 ng
RT: 21.451 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP016489.D
Acq: 03 Aug 2023 13:25

Tgt Ion:149 Resp: 2764578
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 53.832 ng

RT: 22.445 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

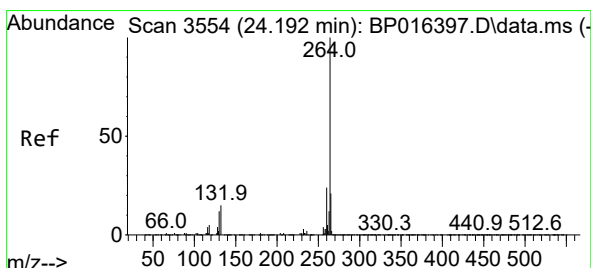
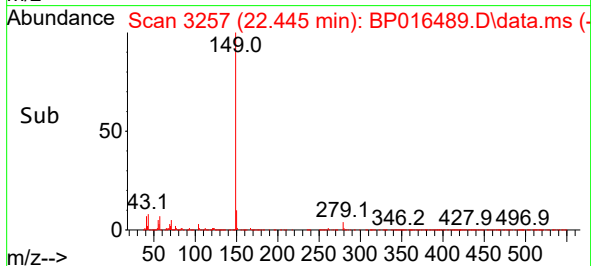
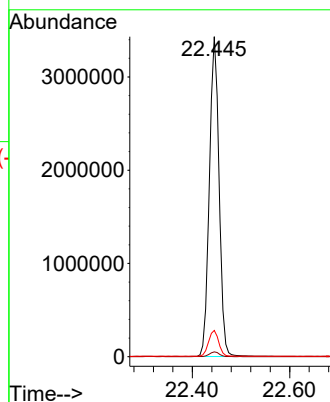
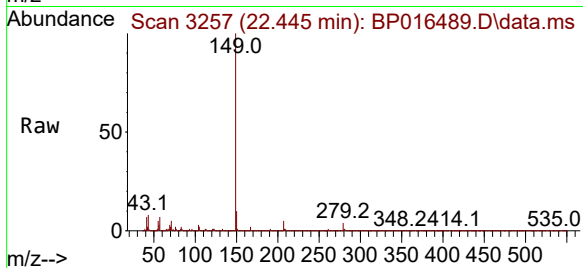
Tgt Ion:149 Resp: 4714455

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

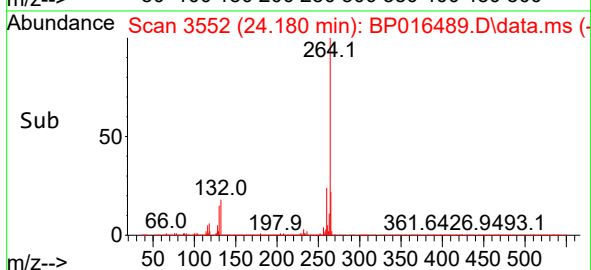
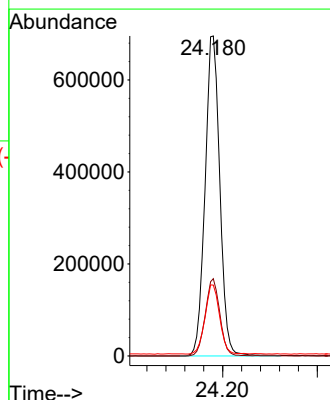
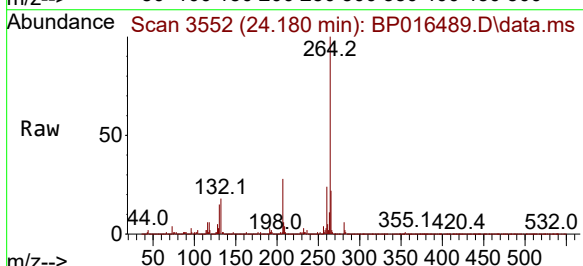
Tgt Ion:264 Resp: 1499285

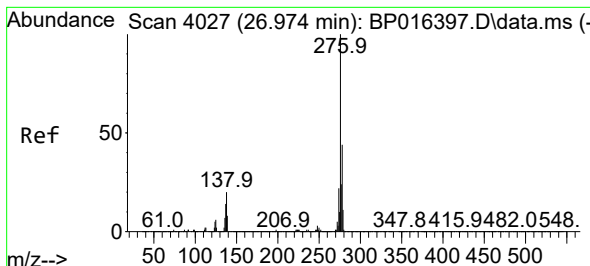
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.131 ng

RT: 26.951 min Scan# 4023

Delta R.T. -0.024 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

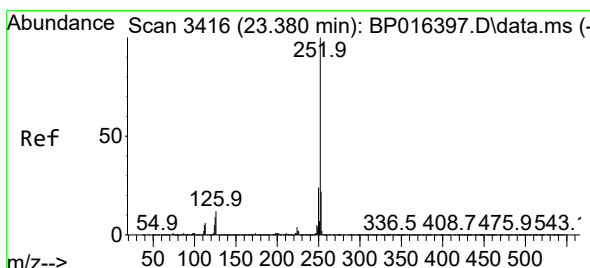
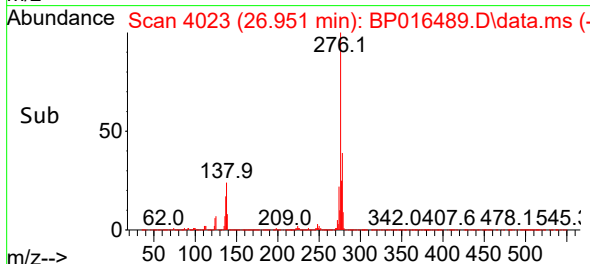
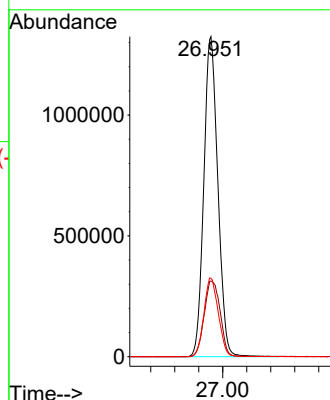
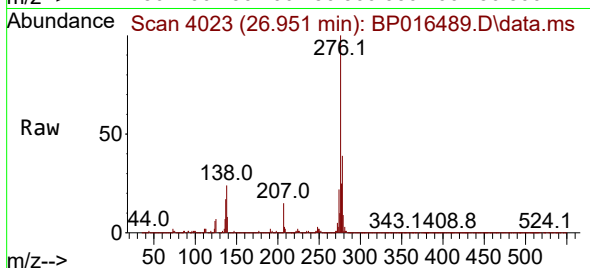
Tgt Ion:276 Resp: 5370469

Ion Ratio Lower Upper

276 100

138 26.8 18.4 27.6

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.644 ng

RT: 23.374 min Scan# 3415

Delta R.T. -0.006 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

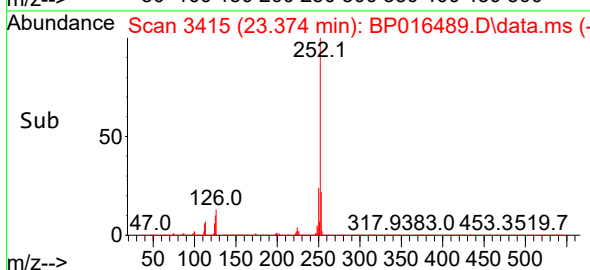
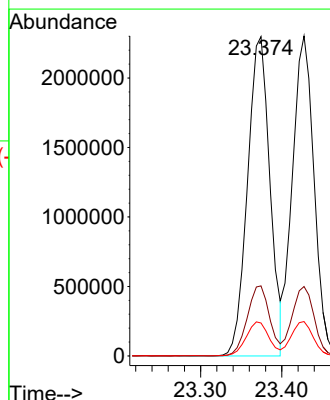
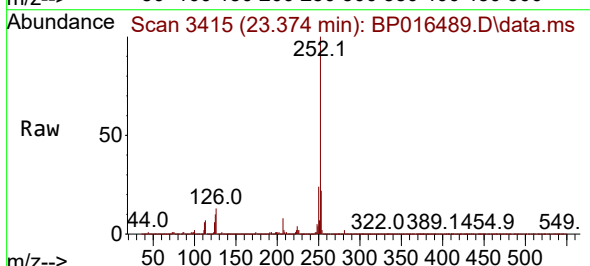
Tgt Ion:252 Resp: 4401434

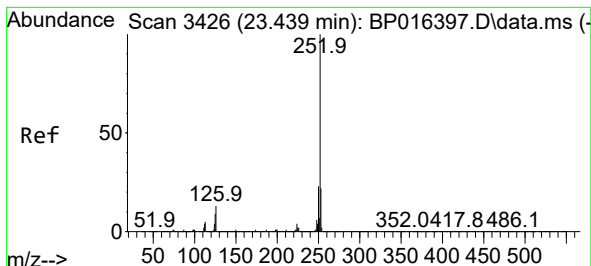
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 49.797 ng

RT: 23.374 min Scan# 34

Delta R.T. -0.065 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

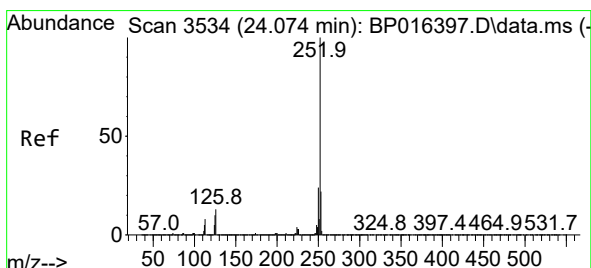
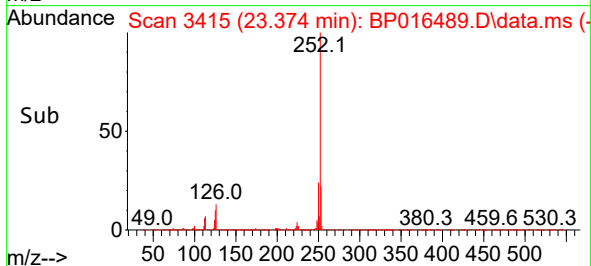
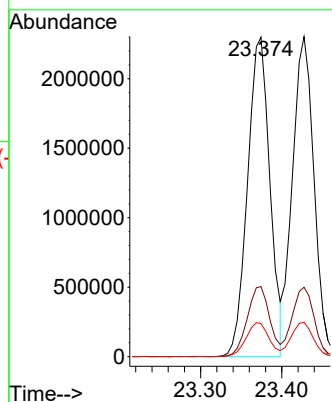
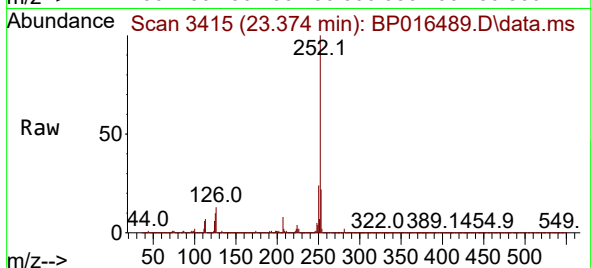
Tgt Ion:252 Resp: 4401434

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.3 7.1 10.7



#90

Benzo(a)pyrene

Concen: 46.556 ng

RT: 24.063 min Scan# 3532

Delta R.T. -0.012 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

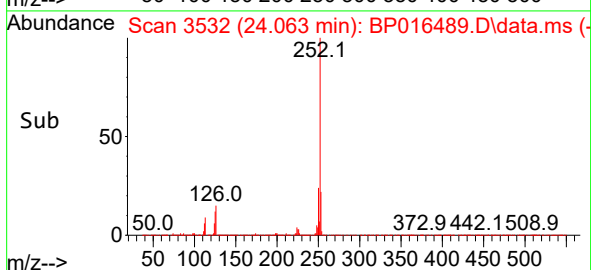
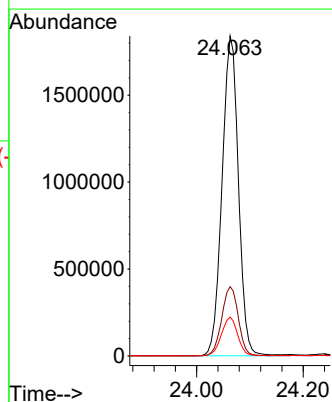
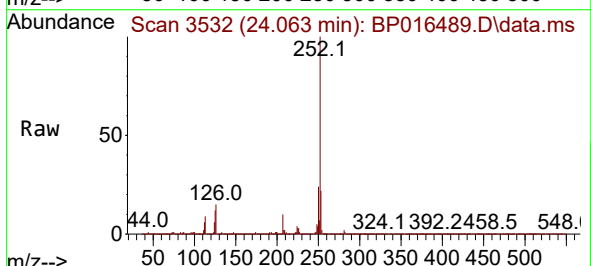
Tgt Ion:252 Resp: 3919078

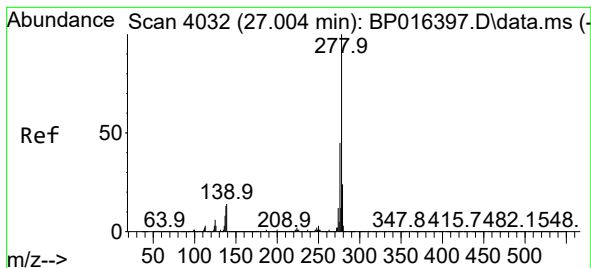
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 12.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 52.834 ng

RT: 26.980 min Scan# 4032

Delta R.T. -0.024 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Instrument :

BNA_P

ClientSampleId :

PB154374BS

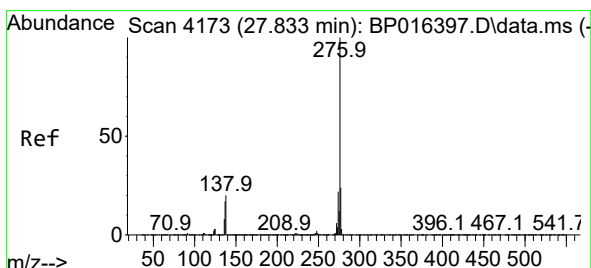
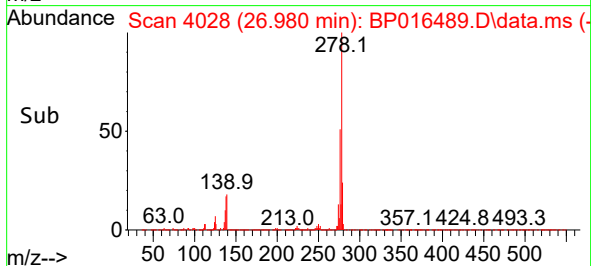
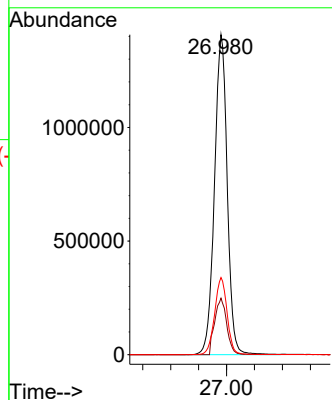
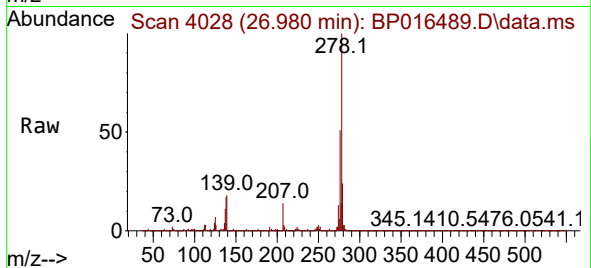
Tgt Ion:278 Resp: 4453660

Ion Ratio Lower Upper

278 100

139 17.6 11.6 17.4#

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 53.901 ng

RT: 27.809 min Scan# 4169

Delta R.T. -0.024 min

Lab File: BP016489.D

Acq: 03 Aug 2023 13:25

Tgt Ion:276 Resp: 4378513

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 23.2 16.1 24.1

