

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016491.D
 Acq On : 03 Aug 2023 14:33
 Operator : MA/JU
 Sample : PB154372BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154403BS

Quant Time: Aug 03 15:31:03 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	395834	20.000	ng	-0.02
21) Naphthalene-d8	10.905	136	1478942	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	769630	20.000	ng	-0.01
64) Phenanthrene-d10	17.487	188	1452086	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1158406	20.000	ng	0.00
86) Perylene-d12	24.180	264	1293698	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3336109	137.496	ng	-0.02
7) Phenol-d6	7.217	99	4038134	121.422	ng	-0.01
23) Nitrobenzene-d5	9.269	82	2417810	91.515	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1204942	106.421	ng	-0.01
45) 2-Fluorobiphenyl	13.346	172	4865407	90.633	ng	-0.02
79) Terphenyl-d14	20.034	244	5793311	105.644	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	434654	45.932	ng	99
3) Pyridine	3.858	79	1155121	40.837	ng	98
4) n-Nitrosodimethylamine	3.781	42	490532	45.994	ng	98
6) Aniline	7.405	93	1297038	31.575	ng	99
8) 2-Chlorophenol	7.622	128	1258255	49.460	ng	98
9) Benzaldehyde	7.222	77	686571	46.315	ng	98
10) Phenol	7.240	94	1550611	48.012	ng	99
11) bis(2-Chloroethyl)ether	7.499	93	1245214	47.431	ng	99
12) 1,3-Dichlorobenzene	7.952	146	1383468	50.657	ng	98
13) 1,4-Dichlorobenzene	8.111	146	1410475	50.914	ng	99
14) 1,2-Dichlorobenzene	8.422	146	1336606	50.110	ng	98
15) Benzyl Alcohol	8.322	79	1025392	45.130	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1416567	47.578	ng	99
17) 2-Methylphenol	8.505	107	999957	42.961	ng	98
18) Hexachloroethane	9.146	117	509033	51.513	ng	94
19) n-Nitroso-di-n-propyla...	8.893	70	852926	40.938	ng	99
20) 3+4-Methylphenols	8.840	107	1325833	41.941	ng	100
22) Acetophenone	8.916	105	1778035	47.617	ng	# 100
24) Nitrobenzene	9.311	77	1313279	48.396	ng	98
25) Isophorone	9.828	82	2327656	43.638	ng	99
26) 2-Nitrophenol	10.016	139	585563	49.932	ng	96
27) 2,4-Dimethylphenol	10.052	122	1045292	43.804	ng	100
28) bis(2-Chloroethoxy)met...	10.316	93	1505026	46.064	ng	99
29) 2,4-Dichlorophenol	10.540	162	1044983	46.792	ng	98
30) 1,2,4-Trichlorobenzene	10.752	180	1168823	48.321	ng	99
31) Naphthalene	10.958	128	3588202	46.384	ng	100
32) Benzoic acid	10.175	122	681236	44.100	ng	98
33) 4-Chloroaniline	11.081	127	627660	17.987	ng	99
34) Hexachlorobutadiene	11.193	225	667820	46.632	ng	99
35) Caprolactam	11.899	113	311717	38.199	ng	98
36) 4-Chloro-3-methylphenol	12.169	107	1067615	43.007	ng	98
37) 2-Methylnaphthalene	12.552	142	2333886	41.529	ng	99
38) 1-Methylnaphthalene	12.775	142	2221970	42.172	ng	100
40) 1,2,4,5-Tetrachloroben...	12.899	216	1165774	49.844	ng	98
41) Hexachlorocyclopentadiene	12.857	237	1454606	123.833	ng	100
43) 2,4,6-Trichlorophenol	13.146	196	761065	50.715	ng	97

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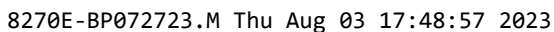
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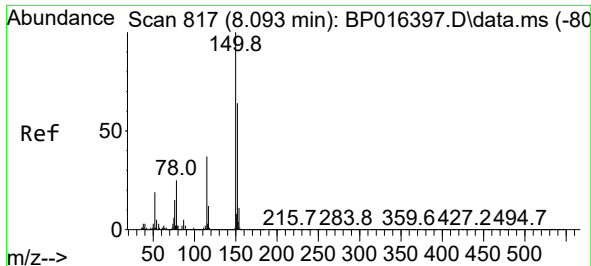
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	816881	44.867	ng	97
46) 1,1'-Biphenyl	13.557	154	2895886	49.361	ng	99
47) 2-Chloronaphthalene	13.604	162	2240647	50.624	ng	99
48) 2-Nitroaniline	13.828	65	611759	49.034	ng	99
49) Acenaphthylene	14.451	152	3571411	48.632	ng	99
50) Dimethylphthalate	14.181	163	2611240	43.539	ng	100
51) 2,6-Dinitrotoluene	14.316	165	569266	46.332	ng	94
52) Acenaphthene	14.787	154	2040139	46.717	ng	99
53) 3-Nitroaniline	14.651	138	421171	30.320	ng	91
54) 2,4-Dinitrophenol	14.851	184	559635	95.627	ng	98
55) Dibenzofuran	15.122	168	3225935	45.041	ng	100
56) 4-Nitrophenol	14.934	139	1033988	95.093	ng	98
57) 2,4-Dinitrotoluene	15.098	165	740944	46.273	ng	97
58) Fluorene	15.769	166	2499431	44.420	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	660231	44.083	ng	94
60) Diethylphthalate	15.534	149	2493249	41.832	ng	99
61) 4-Chlorophenyl-phenyle...	15.763	204	1217612	42.882	ng	97
62) 4-Nitroaniline	15.822	138	557793	40.463	ng	96
63) Azobenzene	16.057	77	2516103	44.709	ng	97
65) 4,6-Dinitro-2-methylph...	15.845	198	355989	51.785	ng	95
66) n-Nitrosodiphenylamine	15.987	169	2155933	50.379	ng	100
67) 4-Bromophenyl-phenylether	16.663	248	729840	47.467	ng	# 92
68) Hexachlorobenzene	16.745	284	839361	48.952	ng	95
69) Atrazine	16.934	200	701539	55.123	ng	98
70) Pentachlorophenol	17.110	266	924653	77.925	ng	95
71) Phenanthrene	17.534	178	3738861	48.491	ng	99
72) Anthracene	17.622	178	3747459	48.334	ng	100
73) Carbazole	17.898	167	3461522	47.620	ng	99
74) Di-n-butylphthalate	18.416	149	4023403	47.842	ng	100
75) Fluoranthene	19.492	202	4031499	44.609	ng	98
77) Benzidine	19.686	184	1545342	76.944	ng	99
78) Pyrene	19.845	202	4159059	53.559	ng	99
80) Butylbenzylphthalate	20.710	149	1672006	54.807	ng	100
81) Benzo(a)anthracene	21.569	228	3825174	49.215	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	939305	36.815	ng	99
83) Chrysene	21.628	228	3534697	47.625	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2403760	52.482	ng	99
85) Di-n-octyl phthalate	22.445	149	4003774	51.976	ng	99
87) Indeno(1,2,3-cd)pyrene	26.951	276	4660749	53.437	ng	96
88) Benzo(b)fluoranthene	23.369	252	3827284	51.036	ng	98
89) Benzo(k)fluoranthene	23.427	252	3680068	48.252	ng	99
90) Benzo(a)pyrene	24.063	252	3374805	46.461	ng	98
91) Dibenzo(a,h)anthracene	26.980	278	3885146	53.414	ng	97
92) Benzo(g,h,i)perylene	27.810	276	3834021	54.699	ng	97

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

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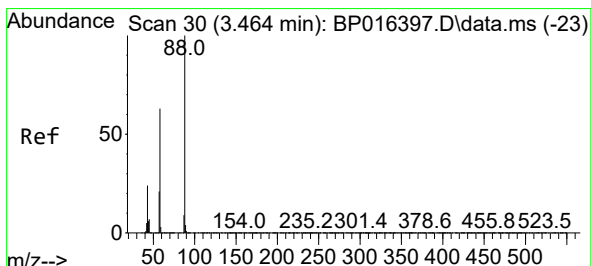
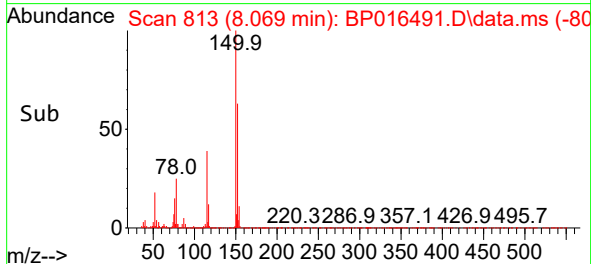
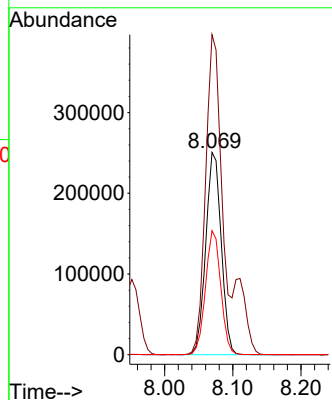
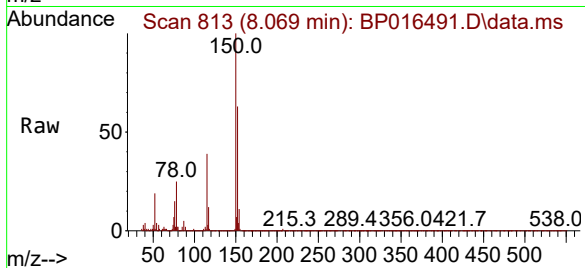




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

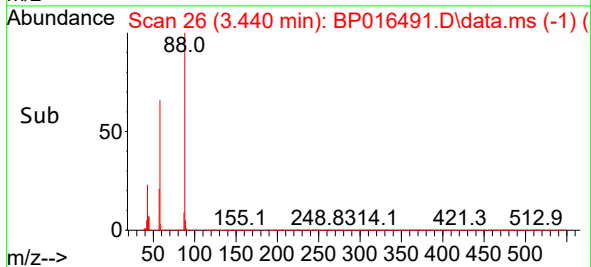
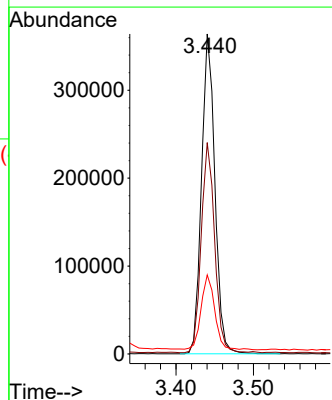
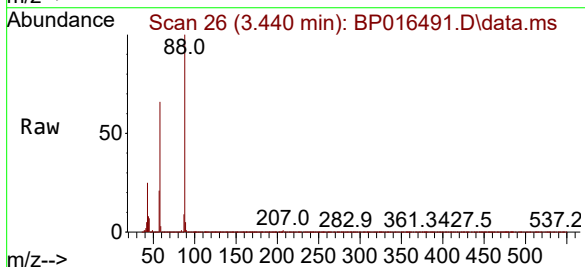
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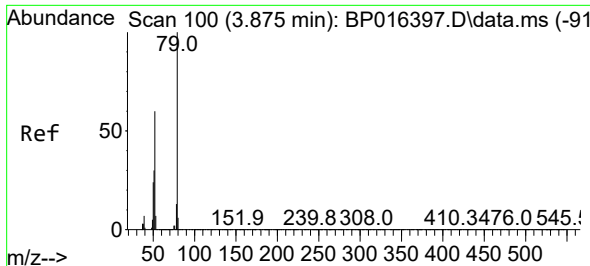
Tgt Ion:152 Resp: 395834
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 61.4 46.8 70.2



#2
1,4-Dioxane
Concen: 45.932 ng
RT: 3.440 min Scan# 26
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 88 Resp: 434654
Ion Ratio Lower Upper
88 100
58 65.9 51.7 77.5
43 24.0 19.2 28.8

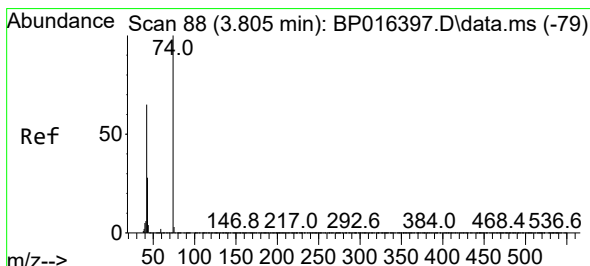
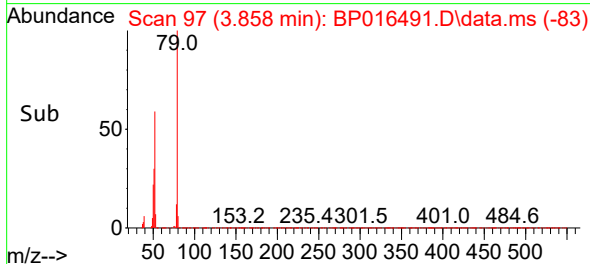
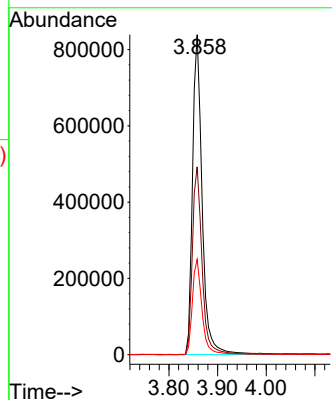
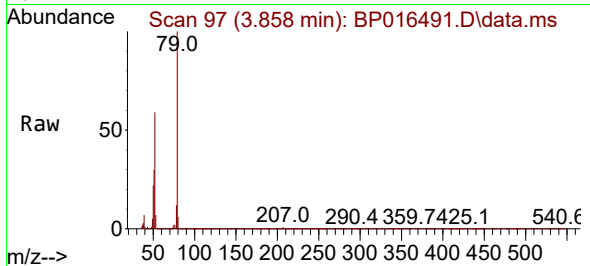




#3
Pyridine
Concen: 40.837 ng
RT: 3.858 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

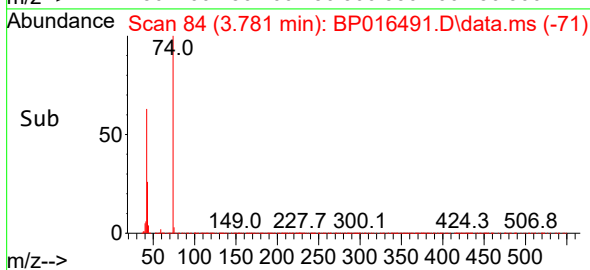
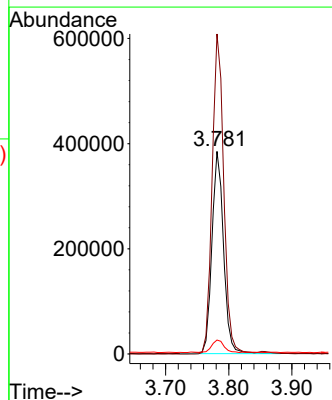
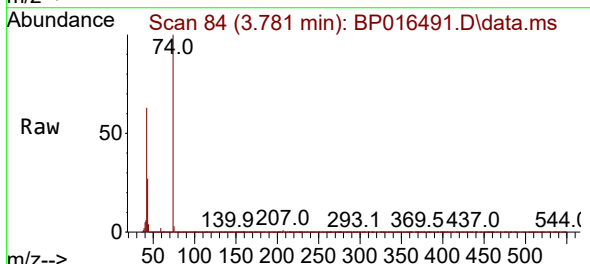
Instrument :
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ClientSampleId :
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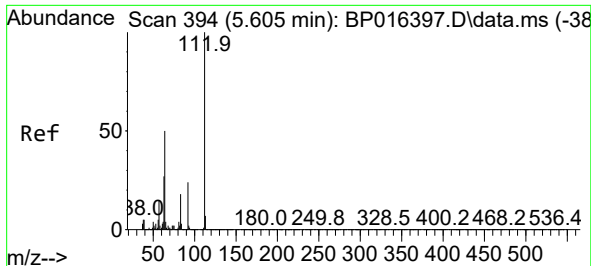
Tgt Ion: 79 Resp: 1155121
Ion Ratio Lower Upper
79 100
52 58.7 47.9 71.9
51 29.8 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 45.994 ng
RT: 3.781 min Scan# 84
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 42 Resp: 490532
Ion Ratio Lower Upper
42 100
74 158.0 123.8 185.8
44 6.9 5.5 8.3

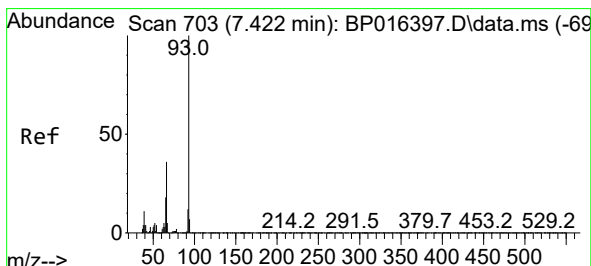
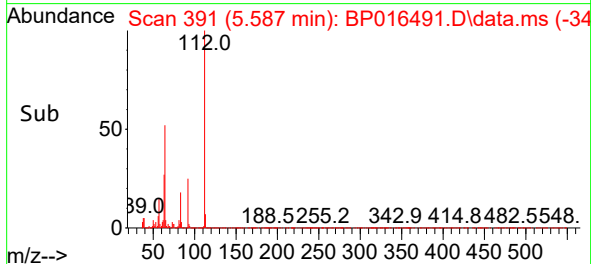
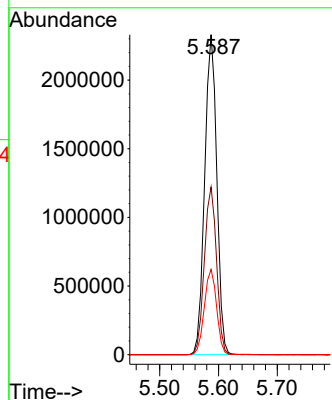
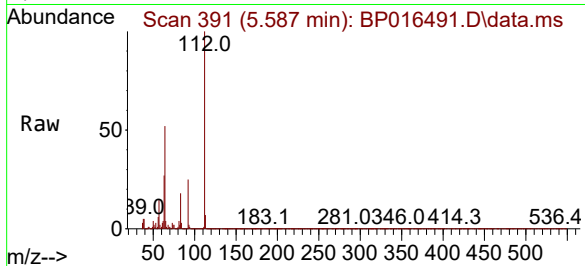




#5
2-Fluorophenol
Concen: 137.496 ng
RT: 5.587 min Scan# 394
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

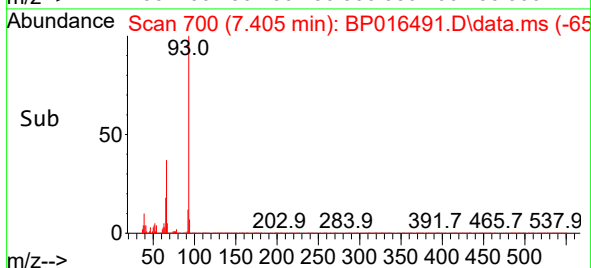
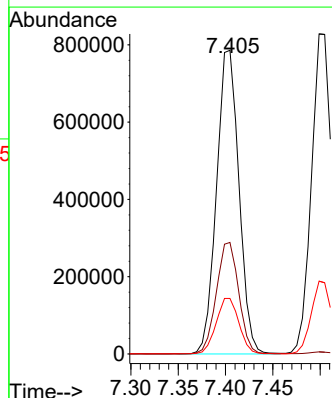
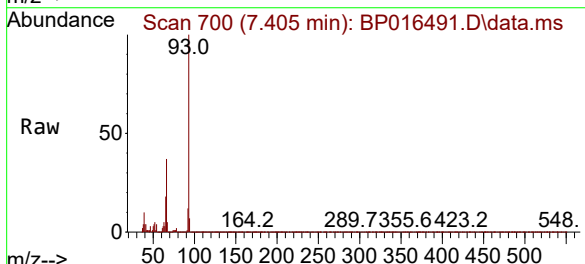
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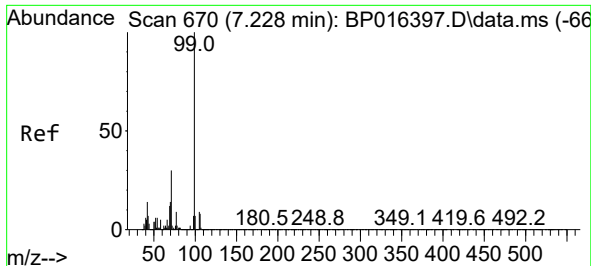
Tgt Ion:112 Resp: 3336109
Ion Ratio Lower Upper
112 100
64 52.4 40.0 60.0
63 26.7 21.2 31.8



#6
Aniline
Concen: 31.575 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 93 Resp: 1297038
Ion Ratio Lower Upper
93 100
66 36.7 28.9 43.3
65 18.3 14.7 22.1

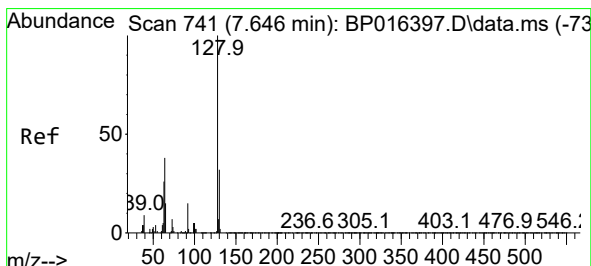
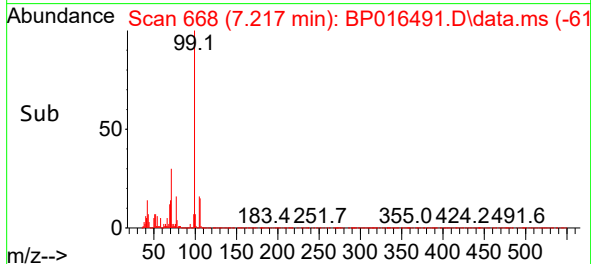
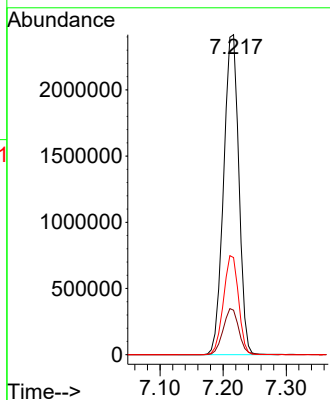
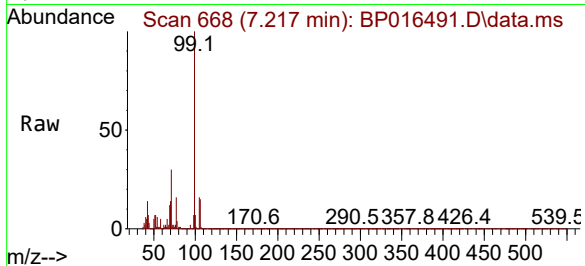




#7
Phenol-d6
Concen: 121.422 ng
RT: 7.217 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

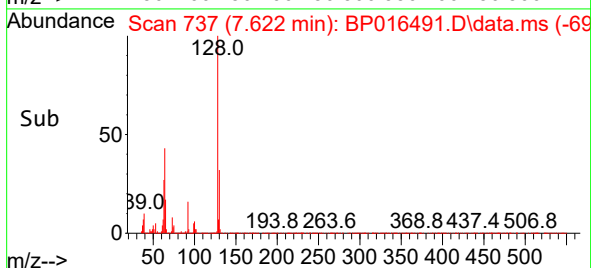
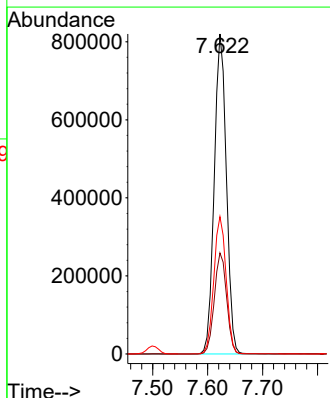
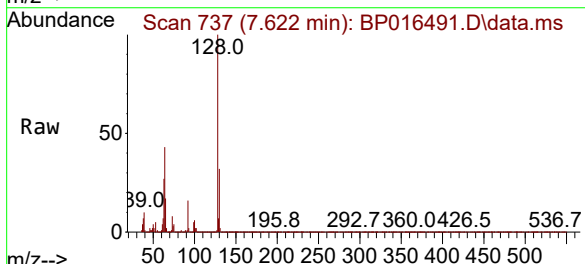
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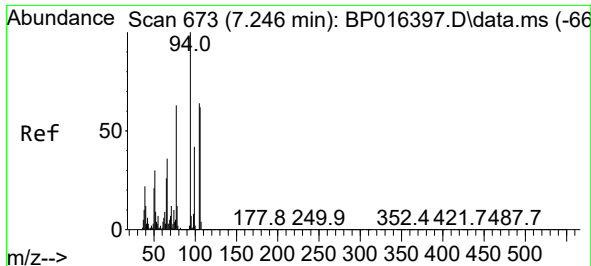
Tgt Ion: 99 Resp: 4038134
Ion Ratio Lower Upper
99 100
42 13.9 11.6 17.4
71 30.4 24.3 36.5



#8
2-Chlorophenol
Concen: 49.460 ng
RT: 7.622 min Scan# 737
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 128 Resp: 1258255
Ion Ratio Lower Upper
128 100
130 31.6 11.6 51.6
64 42.9 20.6 60.6

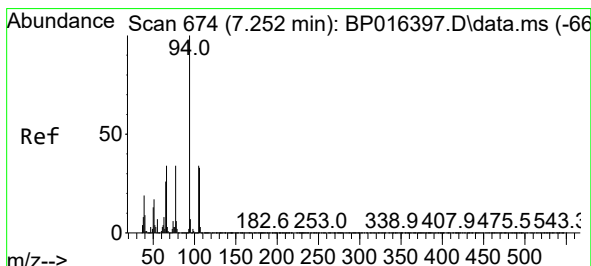
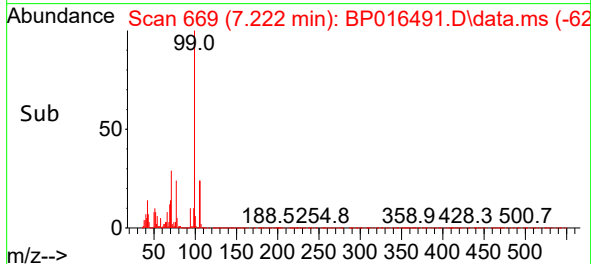
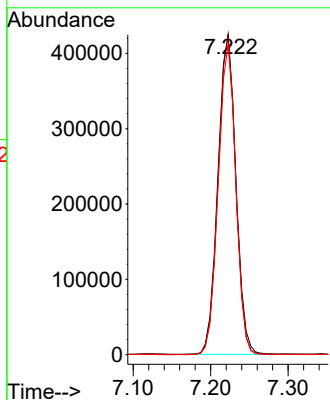
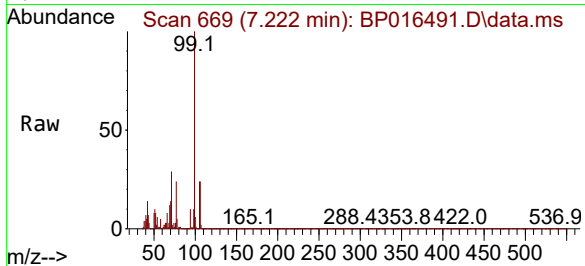




#9
Benzaldehyde
Concen: 46.315 ng
RT: 7.222 min Scan# 609
Delta R.T. -0.024 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

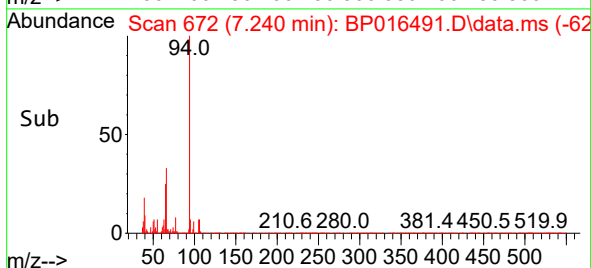
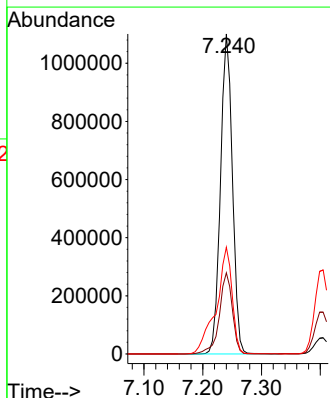
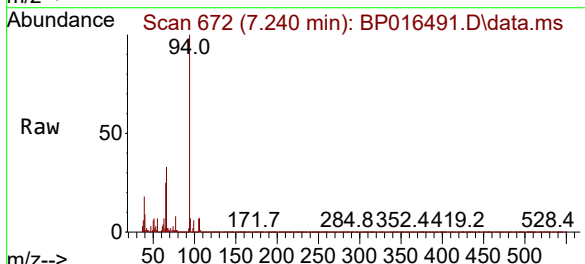
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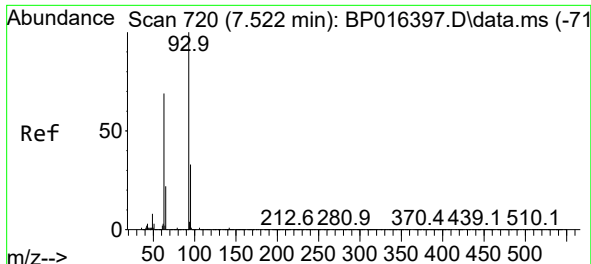
Tgt Ion: 77 Resp: 686571
Ion Ratio Lower Upper
77 100
105 100.0 81.9 121.9
106 96.9 78.8 118.8



#10
Phenol
Concen: 48.012 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 94 Resp: 1550611
Ion Ratio Lower Upper
94 100
65 25.4 5.9 45.9
66 33.4 14.3 54.3

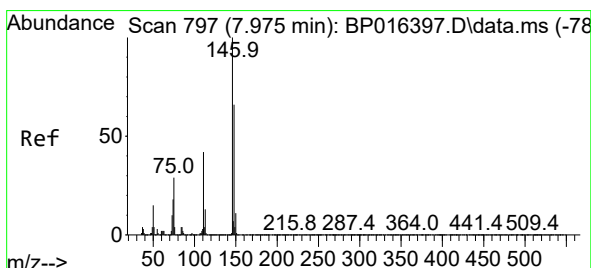
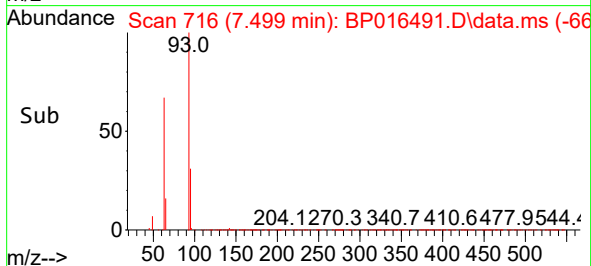
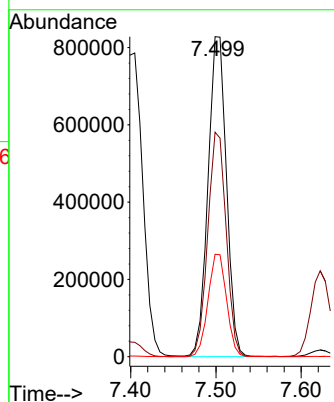
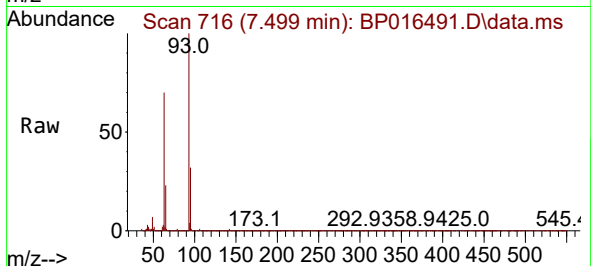




#11
bis(2-Chloroethyl)ether
Concen: 47.431 ng
RT: 7.499 min Scan# 716
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

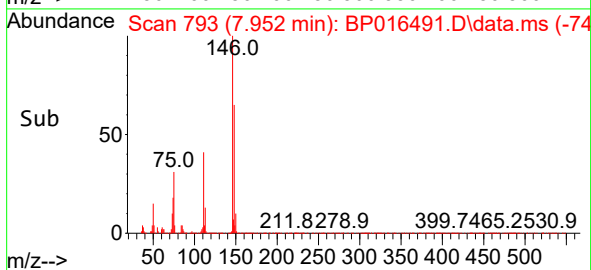
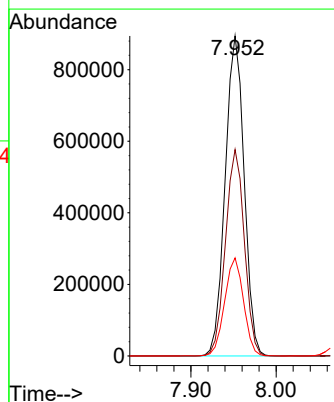
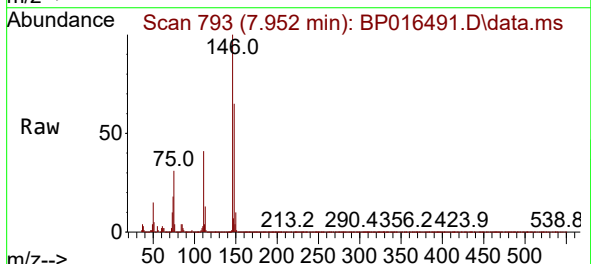
Instrument :
BNA_P
ClientSampleId :
PB154403BS

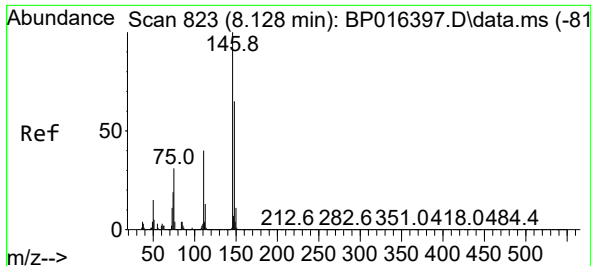
Tgt Ion: 93 Resp: 1245214
Ion Ratio Lower Upper
93 100
63 70.2 49.4 89.4
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.657 ng
RT: 7.952 min Scan# 793
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:146 Resp: 1383468
Ion Ratio Lower Upper
146 100
148 64.5 53.0 79.4
75 30.6 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 50.914 ng

RT: 8.111 min Scan# 81

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

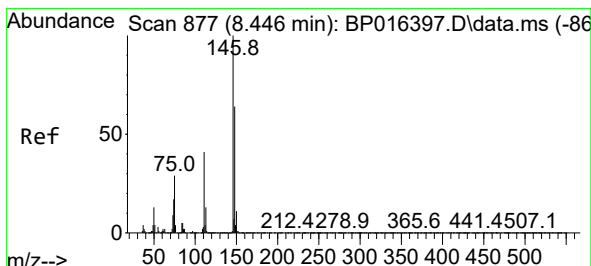
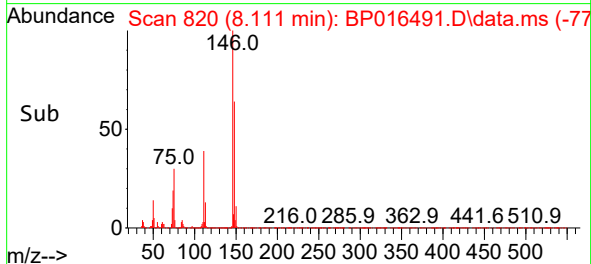
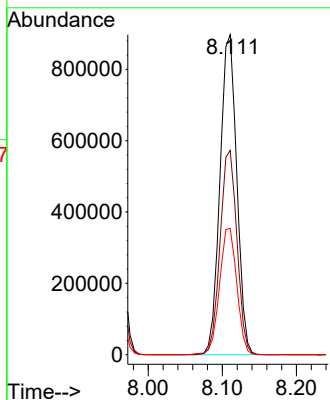
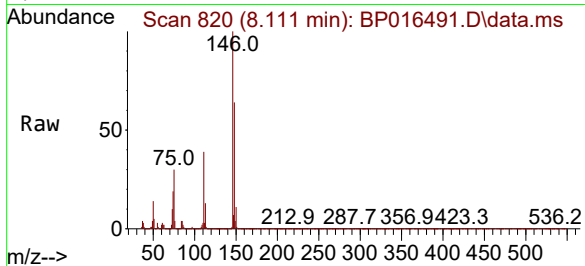
Tgt Ion:146 Resp: 1410475

Ion Ratio Lower Upper

146 100

148 63.9 51.7 77.5

111 39.5 32.0 48.0



#14

1,2-Dichlorobenzene

Concen: 50.110 ng

RT: 8.422 min Scan# 873

Delta R.T. -0.023 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

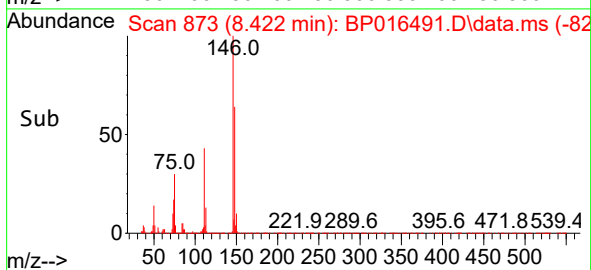
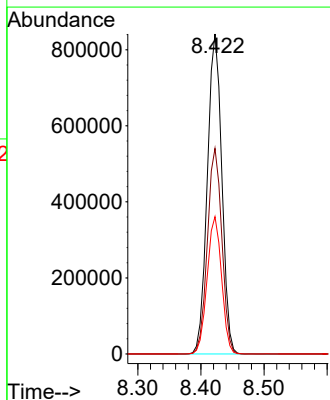
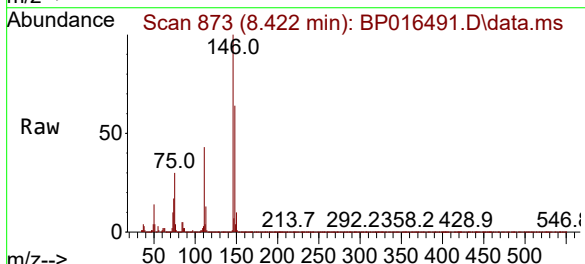
Tgt Ion:146 Resp: 1336606

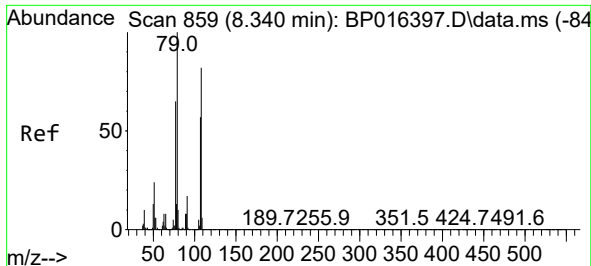
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

111 42.9 32.6 49.0

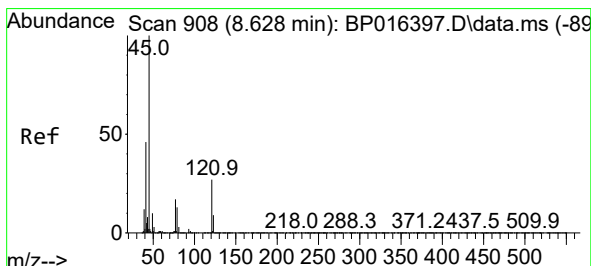
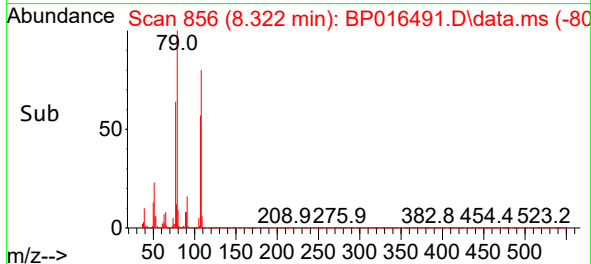
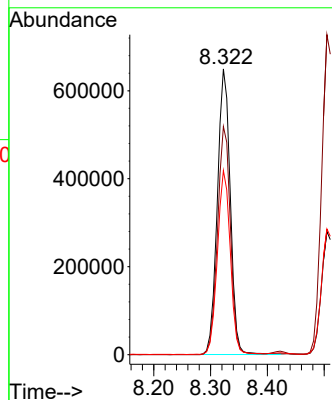
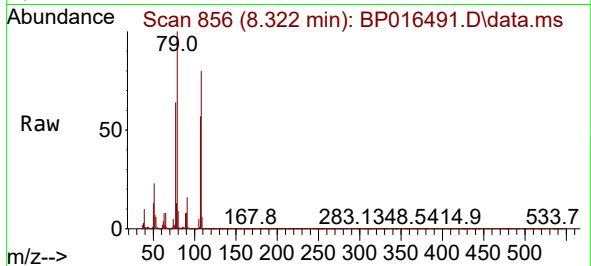




#15
Benzyl Alcohol
Concen: 45.130 ng
RT: 8.322 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

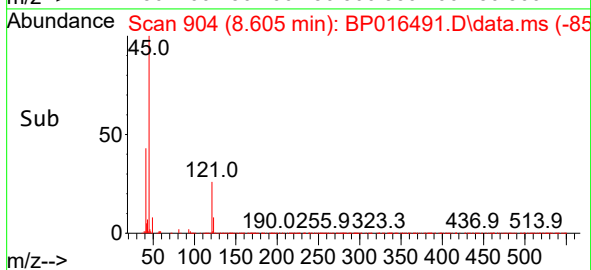
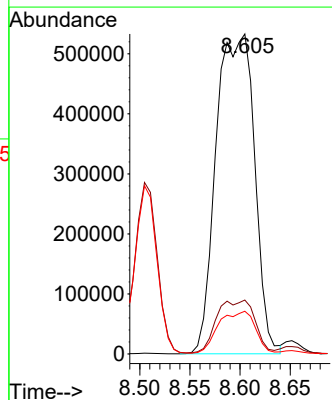
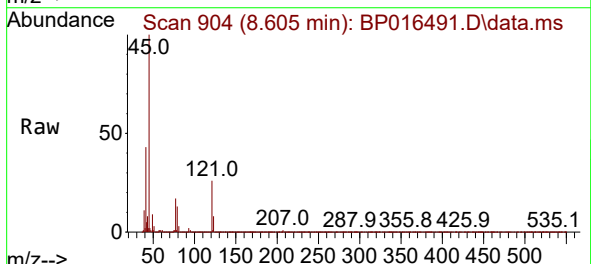
Instrument :
BNA_P
ClientSampleId :
PB154403BS

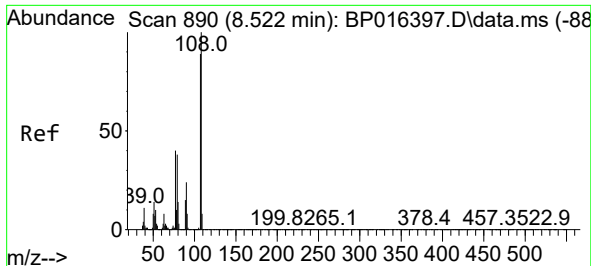
Tgt Ion: 79 Resp: 1025392
Ion Ratio Lower Upper
79 100
108 79.8 65.4 98.2
77 64.5 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.578 ng
RT: 8.605 min Scan# 904
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 45 Resp: 1416567
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.3
79 13.4 0.0 33.3

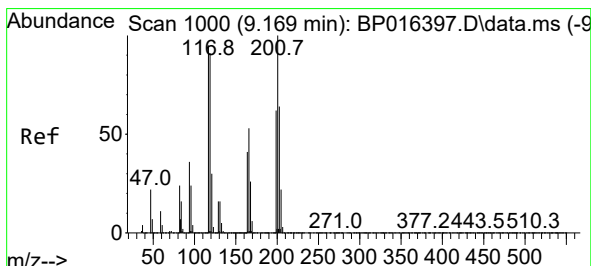
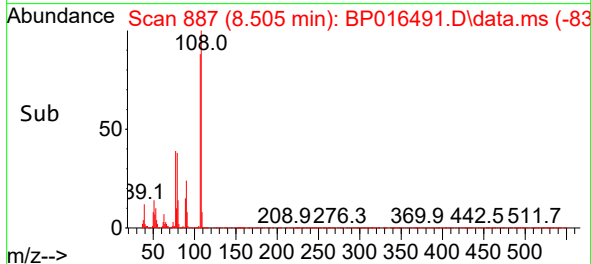
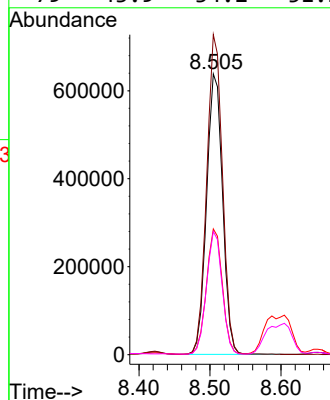
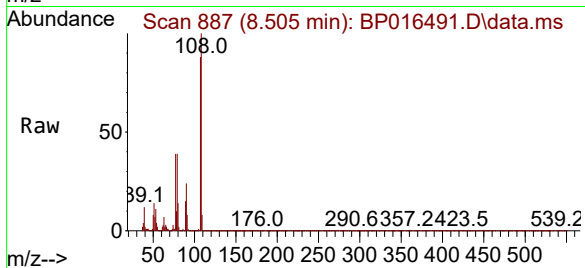




#17
2-Methylphenol
Concen: 42.961 ng
RT: 8.505 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

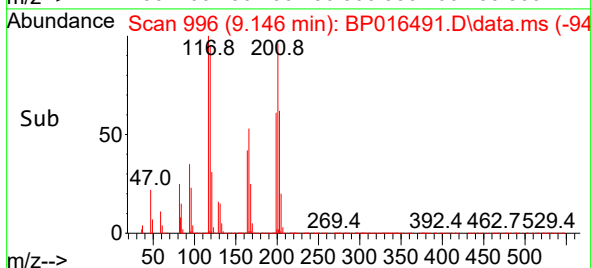
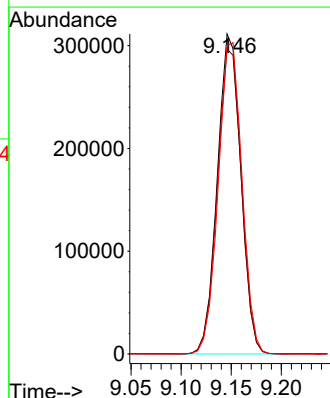
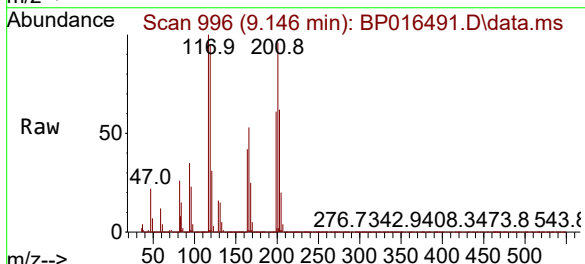
Instrument :
BNA_P
ClientSampleId :
PB154403BS

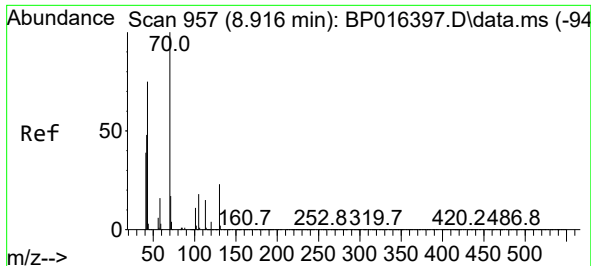
Tgt Ion:	107	Resp:	999957
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.6	134.4
77	44.8	35.6	53.4
79	43.9	34.2	51.2



#18
Hexachloroethane
Concen: 51.513 ng
RT: 9.146 min Scan# 996
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:	117	Resp:	509033
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	96.4	86.2	129.4



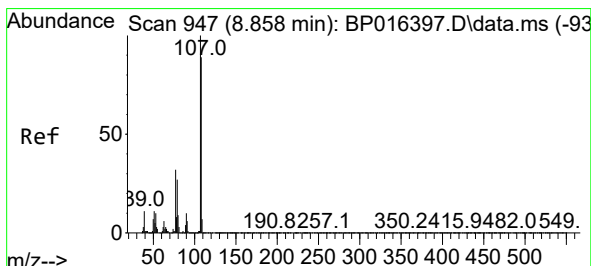
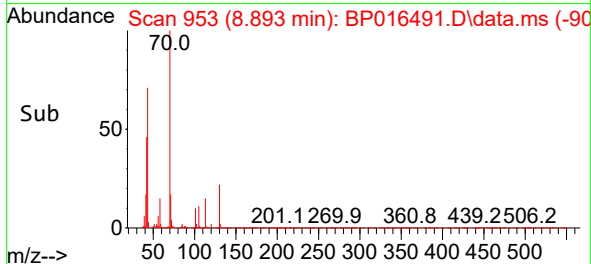
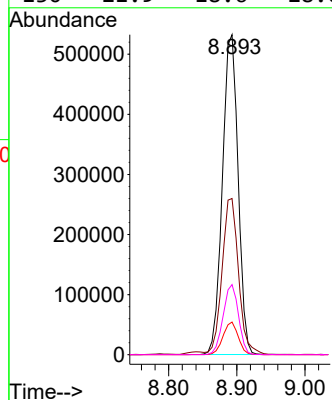
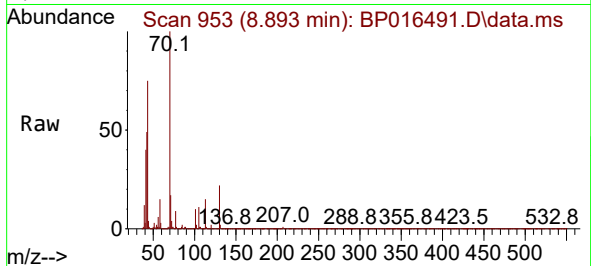


#19
n-Nitroso-di-n-propylamine
Concen: 40.938 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Instrument :
BNA_P
ClientSampleId :
PB154403BS

Tgt Ion: 70 Resp: 852926

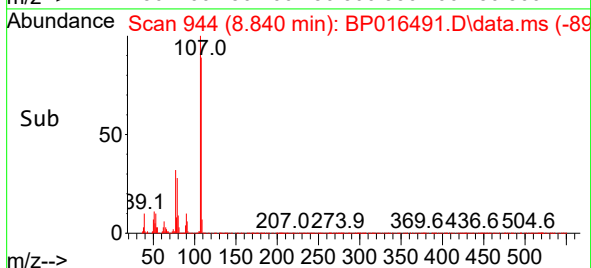
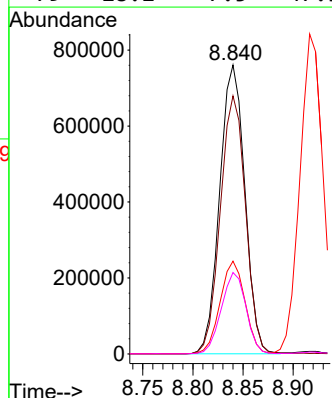
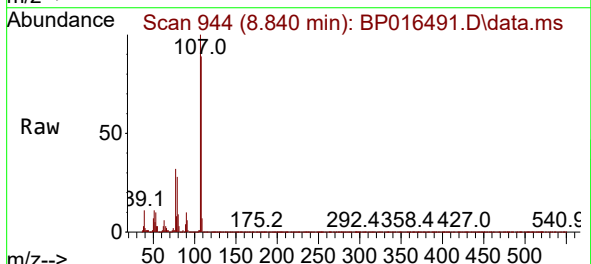
Ion	Ratio	Lower	Upper
70	100		
42	48.8	39.3	58.9
101	10.2	8.6	12.8
130	21.9	18.6	28.0

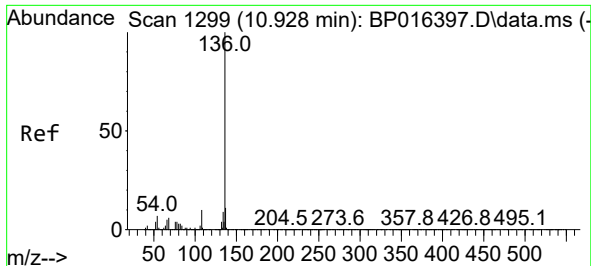


#20
3+4-Methylphenols
Concen: 41.941 ng
RT: 8.840 min Scan# 944
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 107 Resp: 1325833

Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.1	109.1
77	32.1	12.0	52.0
79	28.2	7.5	47.5

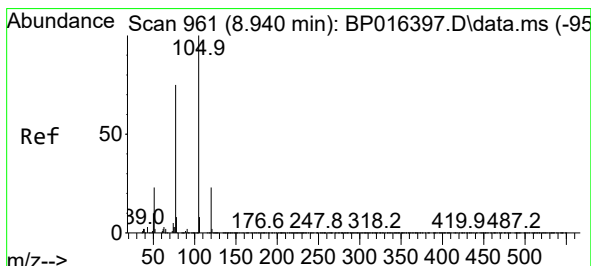
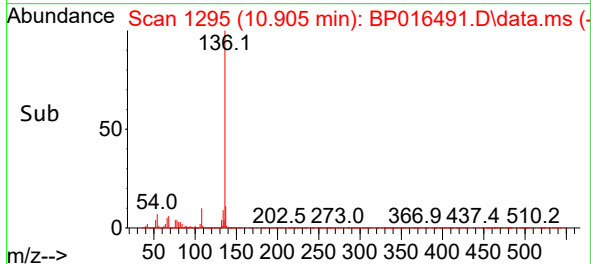
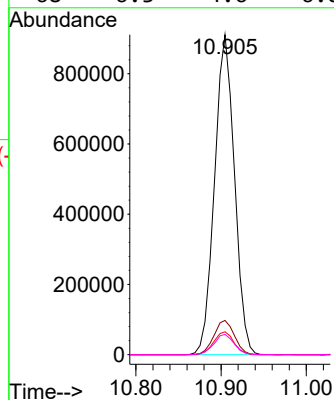
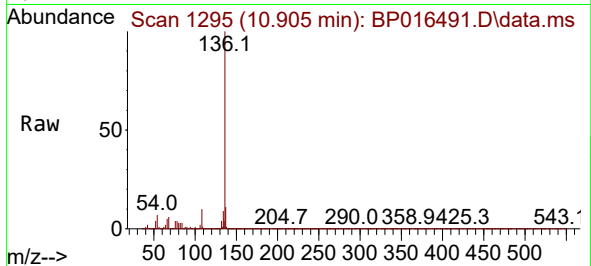




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

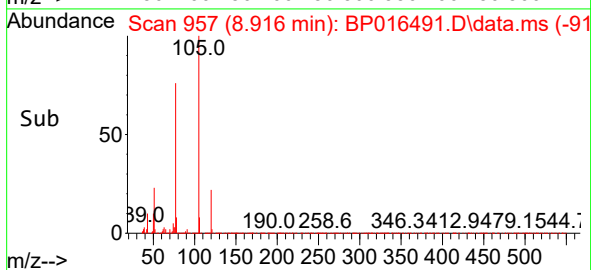
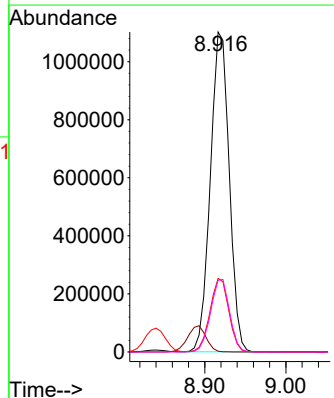
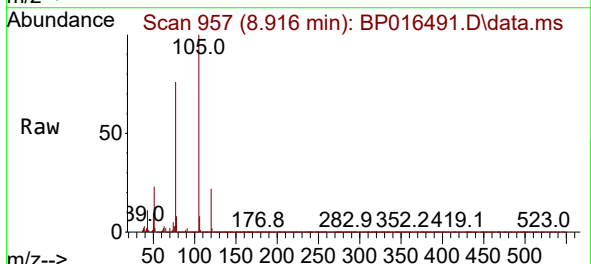
Instrument :
BNA_P
ClientSampleId :
PB154403BS

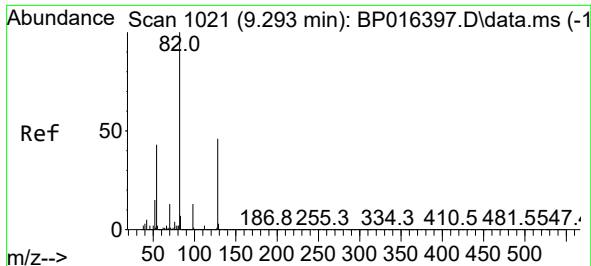
Tgt Ion:136 Resp: 1478942
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 5.6 8.4
68 6.3 4.6 6.8



#22
Acetophenone
Concen: 47.617 ng
RT: 8.916 min Scan# 957
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:105 Resp: 1778035
Ion Ratio Lower Upper
105 100
71 0.3 0.2 0.2#
51 23.0 18.3 27.5
120 22.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 91.515 ng

RT: 9.269 min Scan# 1017

Delta R.T. -0.023 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

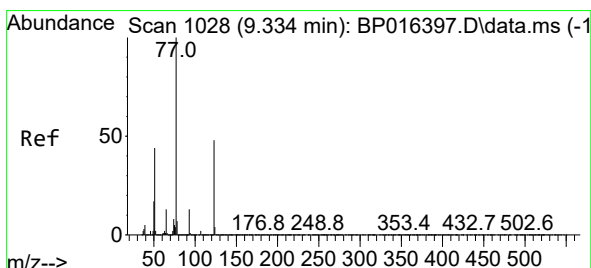
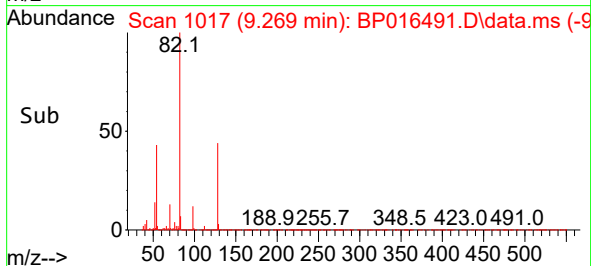
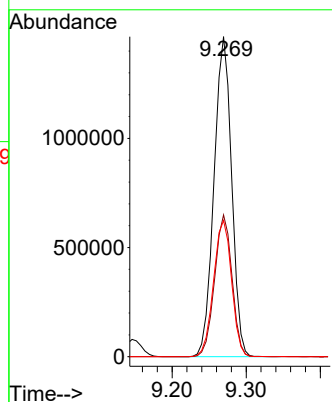
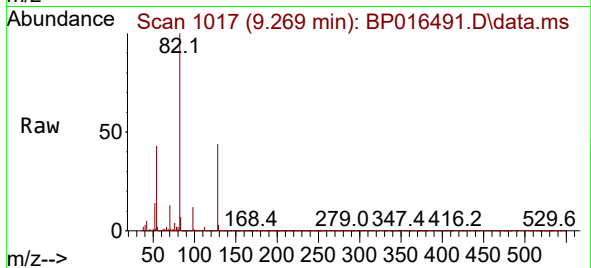
Tgt Ion: 82 Resp: 2417810

Ion Ratio Lower Upper

82 100

128 44.3 36.6 55.0

54 42.5 34.5 51.7



#24

Nitrobenzene

Concen: 48.396 ng

RT: 9.311 min Scan# 1024

Delta R.T. -0.023 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

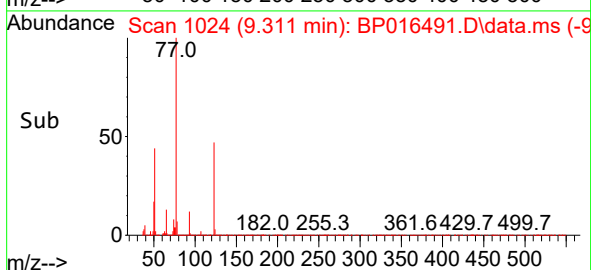
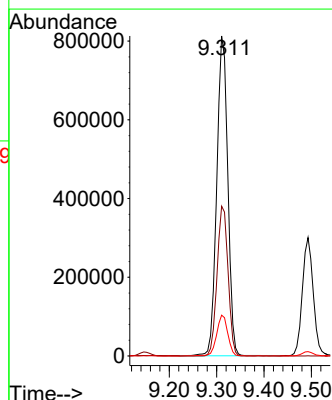
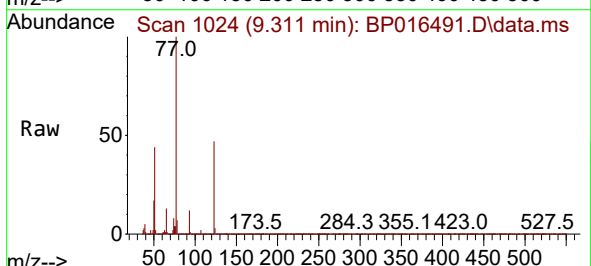
Tgt Ion: 77 Resp: 1313279

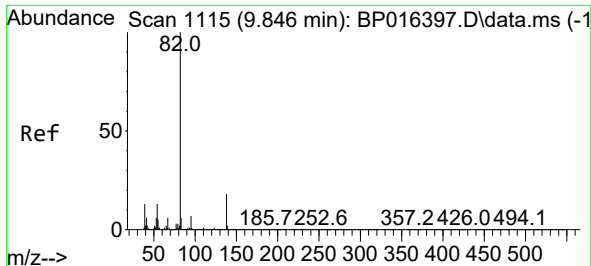
Ion Ratio Lower Upper

77 100

123 46.8 38.6 58.0

65 12.8 10.5 15.7

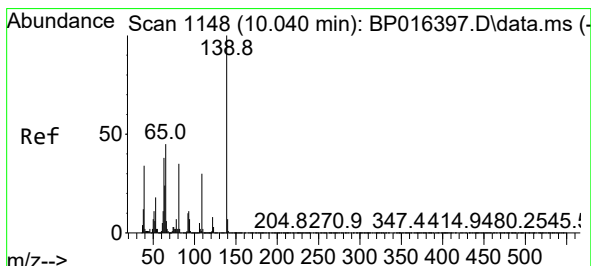
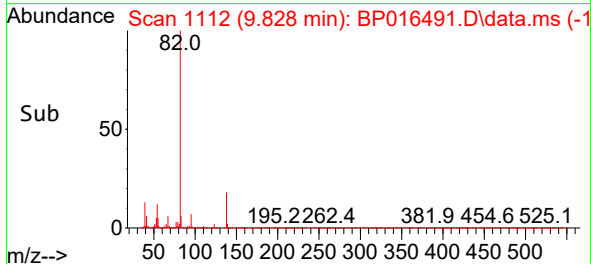
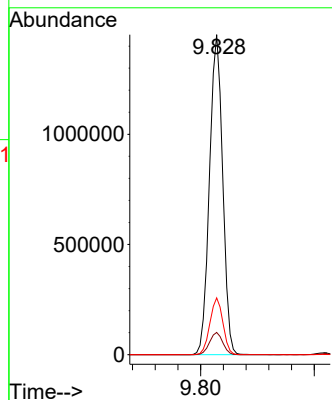
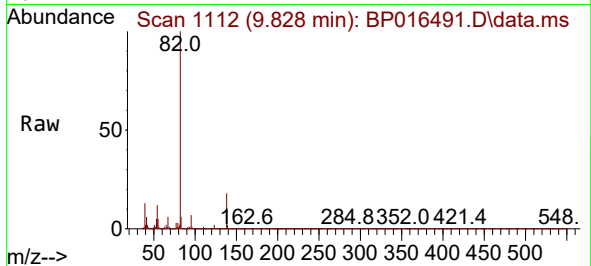




#25
Isophorone
Concen: 43.638 ng
RT: 9.828 min Scan# 1112
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

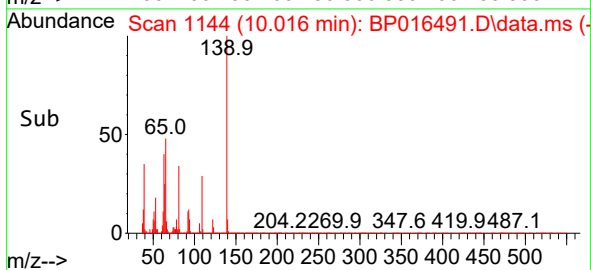
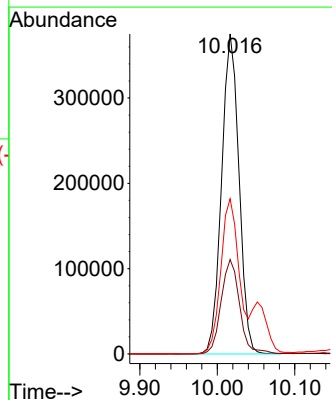
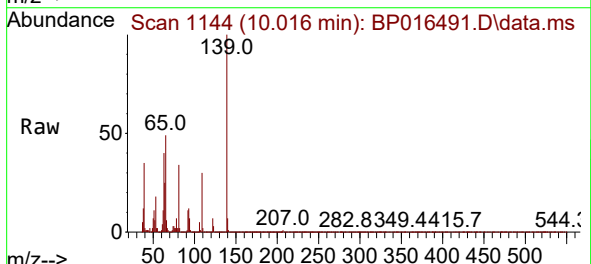
Instrument :
BNA_P
ClientSampleId :
PB154403BS

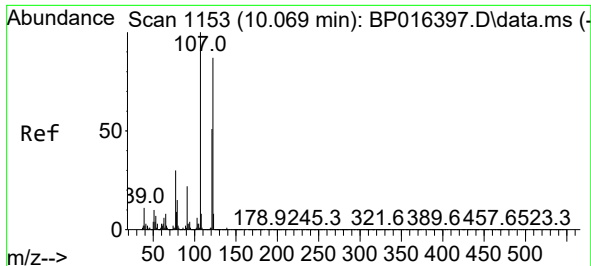
Tgt Ion: 82 Resp: 2327656
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.8 14.6 22.0



#26
2-Nitrophenol
Concen: 49.932 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 139 Resp: 585563
Ion Ratio Lower Upper
139 100
109 29.5 24.2 36.4
65 48.5 35.8 53.6

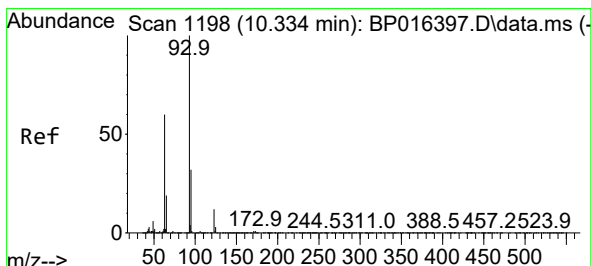
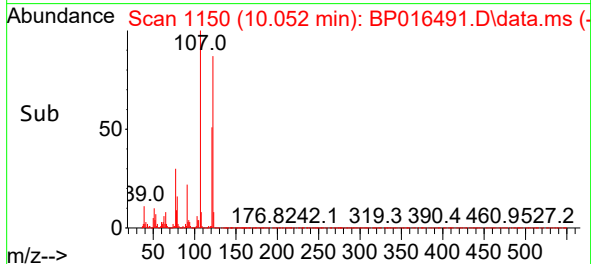
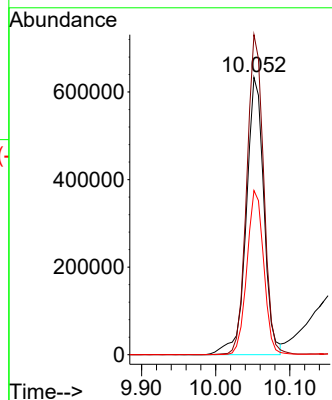
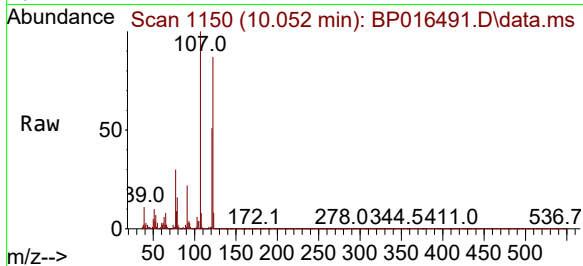




#27
2,4-Dimethylphenol
Concen: 43.804 ng
RT: 10.052 min Scan# 1150
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

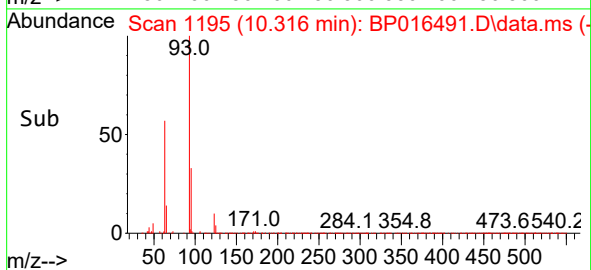
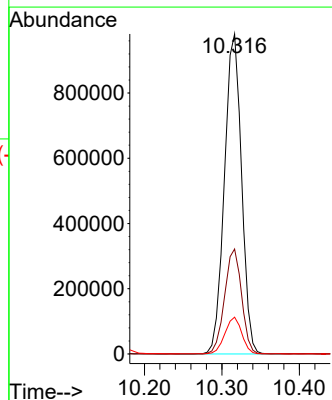
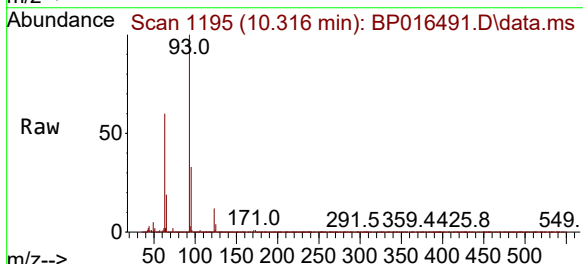
Instrument :
BNA_P
ClientSampleId :
PB154403BS

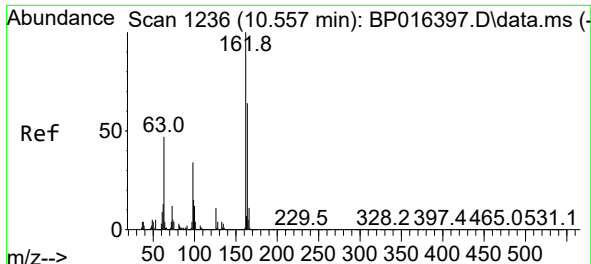
Tgt Ion:122 Resp: 1045292
Ion Ratio Lower Upper
122 100
107 115.4 91.9 137.9
121 59.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.064 ng
RT: 10.316 min Scan# 1195
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion: 93 Resp: 1505026
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.8
123 11.5 9.4 14.0

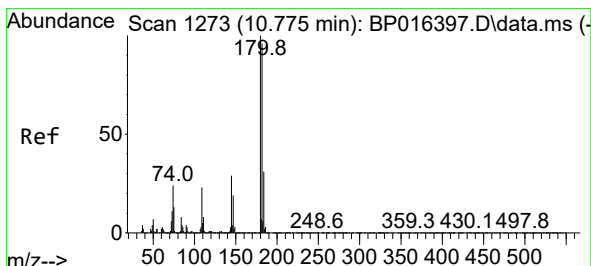
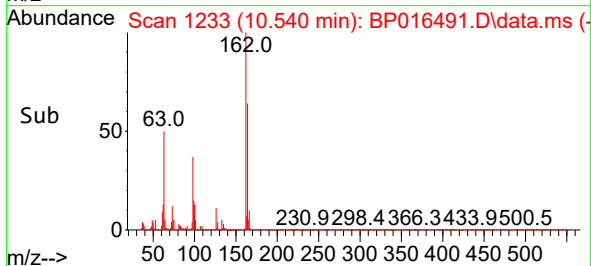
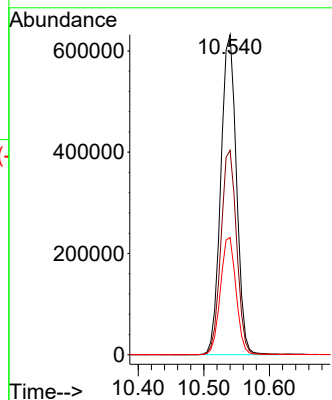
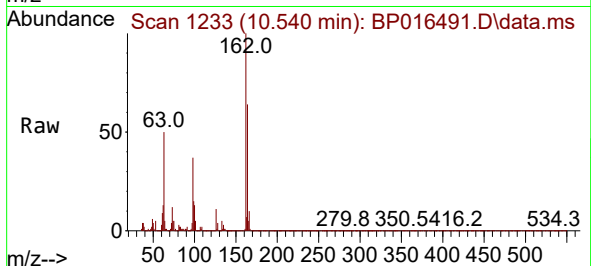




#29
2,4-Dichlorophenol
Concen: 46.792 ng
RT: 10.540 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

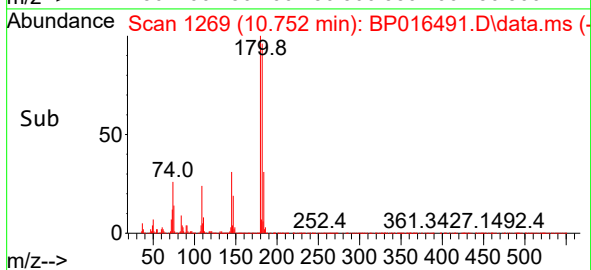
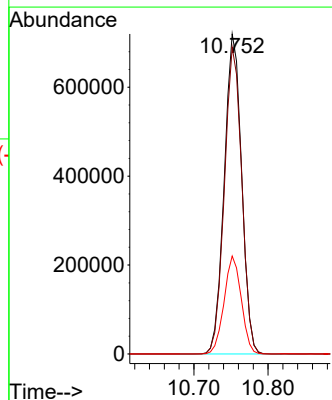
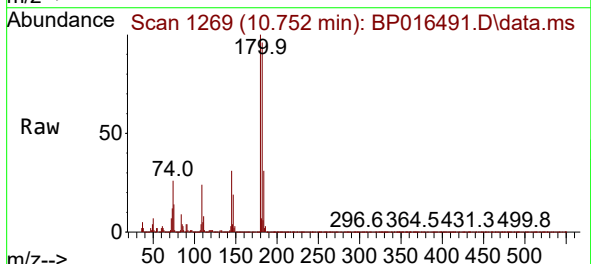
Instrument :
BNA_P
ClientSampleId :
PB154403BS

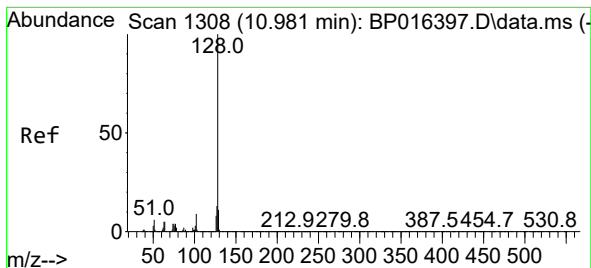
Tgt Ion:162 Resp: 1044983
Ion Ratio Lower Upper
162 100
164 63.9 44.2 84.2
98 36.6 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 48.321 ng
RT: 10.752 min Scan# 1269
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:180 Resp: 1168823
Ion Ratio Lower Upper
180 100
182 95.9 77.1 115.7
145 30.6 22.9 34.3

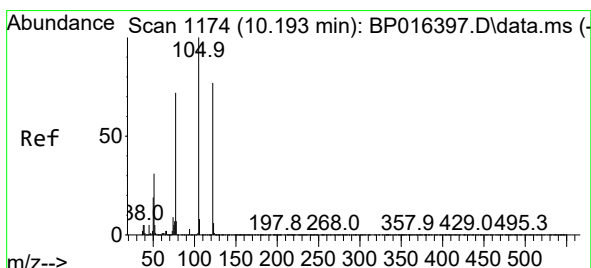
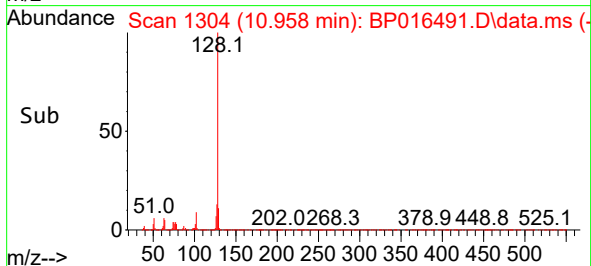
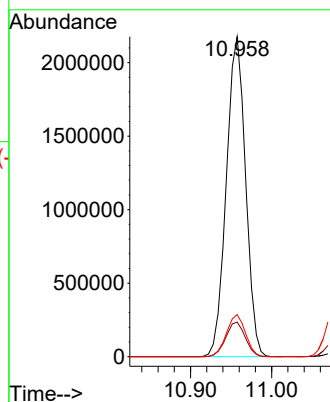
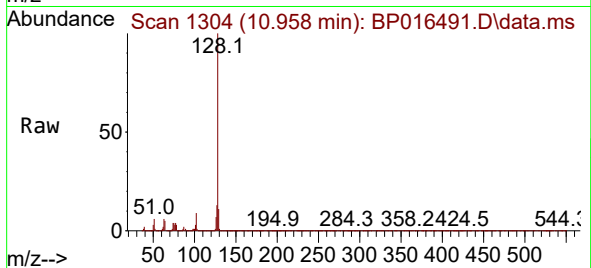




#31
Naphthalene
Concen: 46.384 ng
RT: 10.958 min Scan# 1107
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

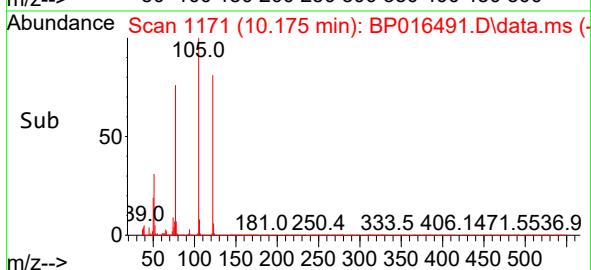
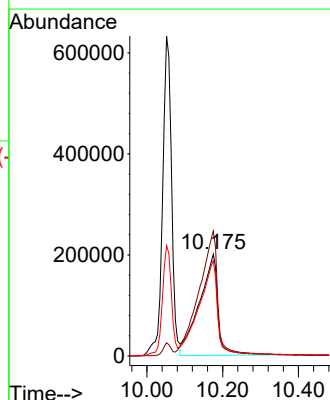
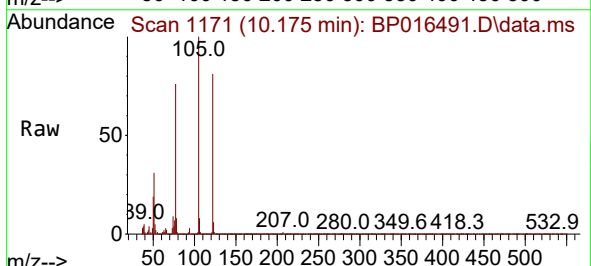
Instrument :
BNA_P
ClientSampleId :
PB154403BS

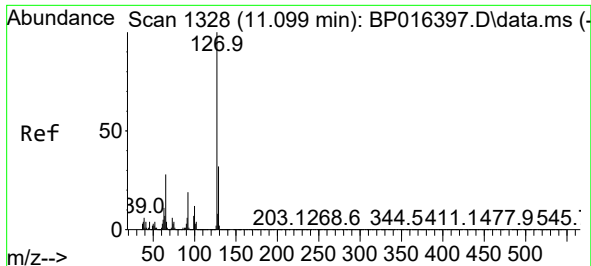
Tgt Ion:128 Resp: 3588202
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 44.100 ng
RT: 10.175 min Scan# 1171
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:122 Resp: 681236
Ion Ratio Lower Upper
122 100
105 122.9 105.2 145.2
77 93.6 72.2 112.2

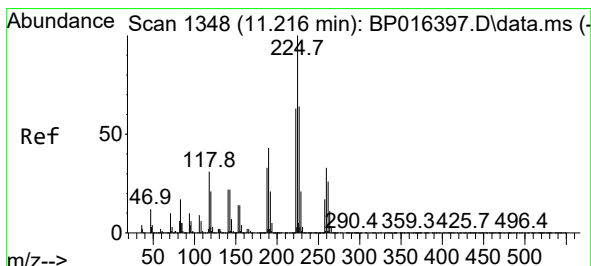
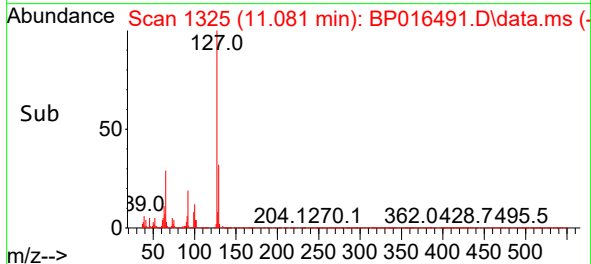
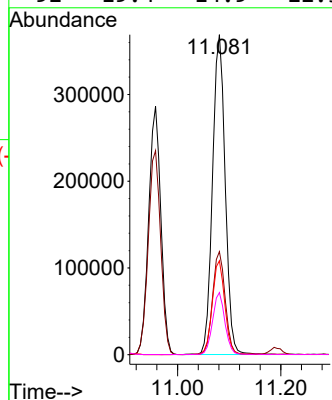
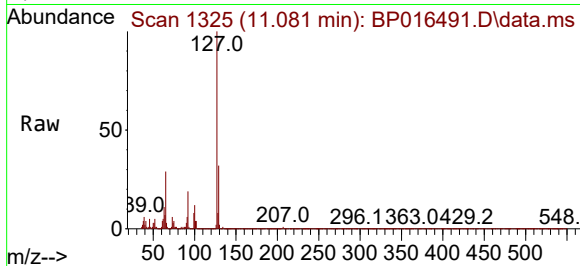




#33
4-Chloroaniline
Concen: 17.987 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

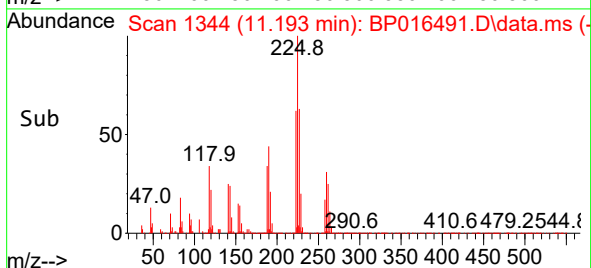
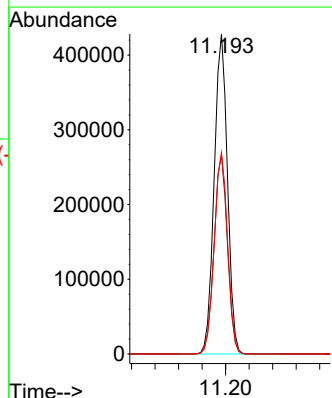
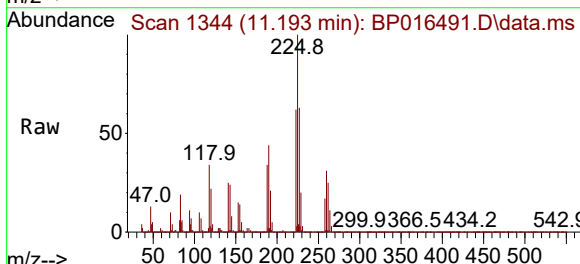
Instrument :
BNA_P
ClientSampleId :
PB154403BS

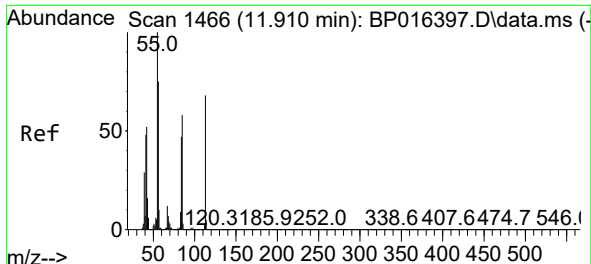
Tgt Ion:	127	Resp:	627660
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	29.4	22.7	34.1
92	19.4	14.9	22.3



#34
Hexachlorobutadiene
Concen: 46.632 ng
RT: 11.193 min Scan# 1344
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:	225	Resp:	667820
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.4
227	63.0	51.0	76.6

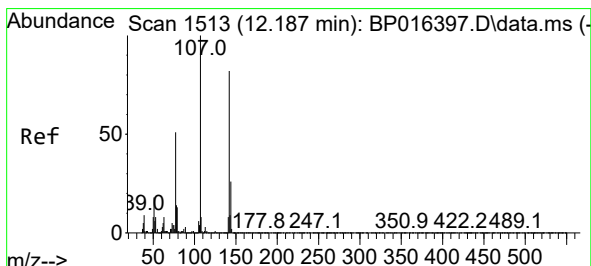
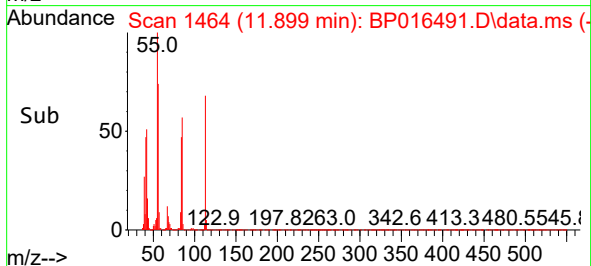
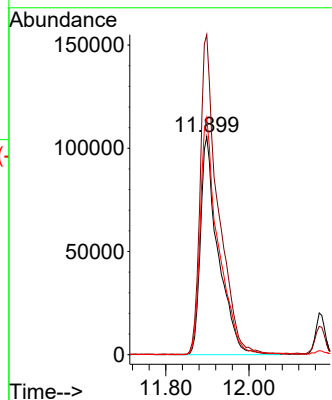
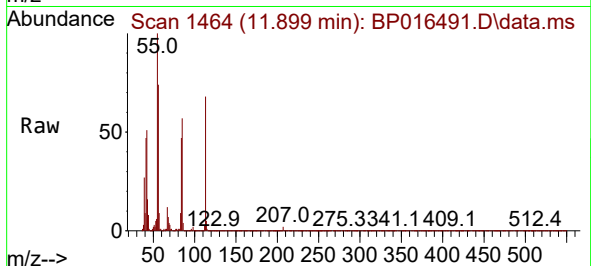




#35
Caprolactam
Concen: 38.199 ng
RT: 11.899 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

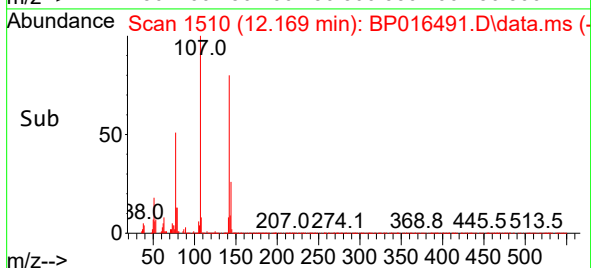
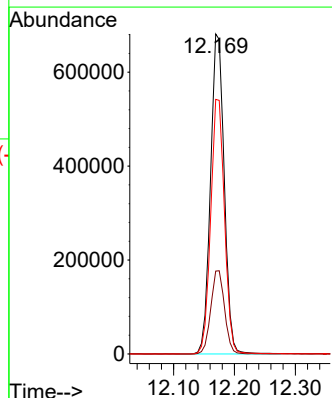
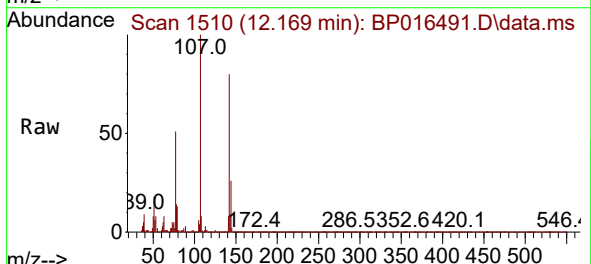
Instrument :
BNA_P
ClientSampleId :
PB154403BS

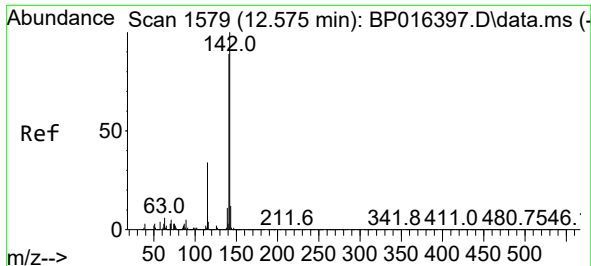
Tgt Ion:113 Resp: 311717
Ion Ratio Lower Upper
113 100
55 146.8 128.0 168.0
56 108.6 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 43.007 ng
RT: 12.169 min Scan# 1510
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:107 Resp: 1067615
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.6
142 79.5 65.6 98.4

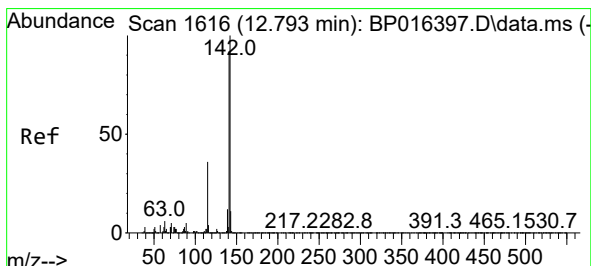
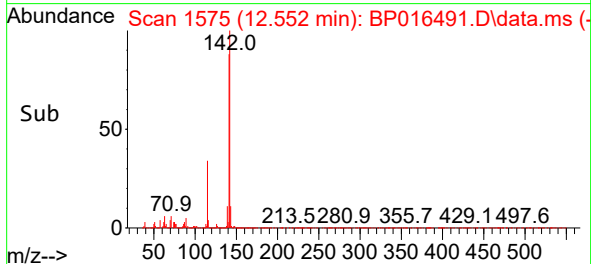
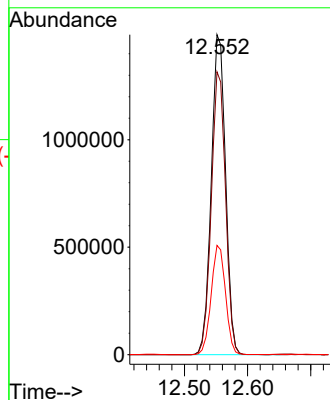
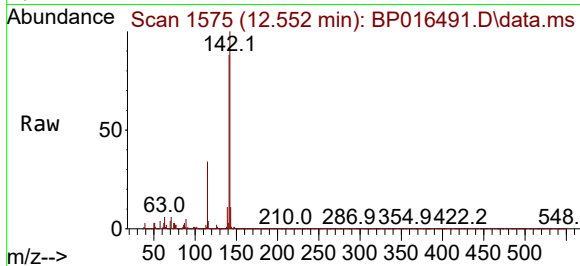




#37
2-Methylnaphthalene
Concen: 41.529 ng
RT: 12.552 min Scan# 1575
Delta R.T. -0.023 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

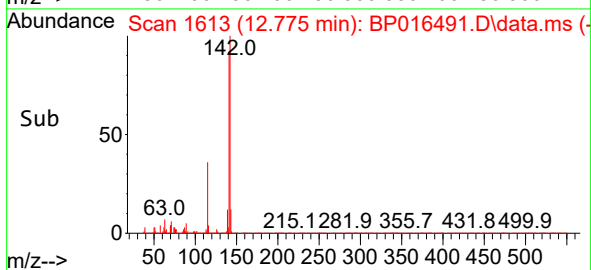
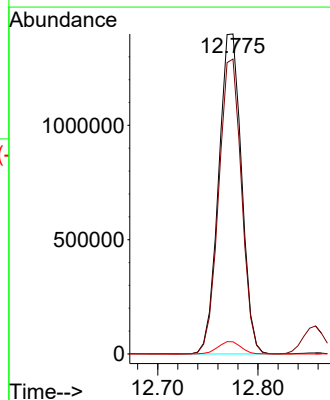
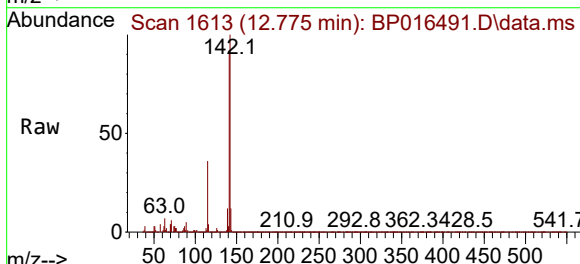
Instrument :
BNA_P
ClientSampleId :
PB154403BS

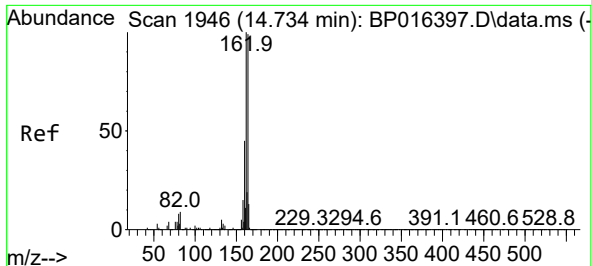
Tgt Ion:142 Resp: 2333886
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 34.2 27.0 40.4



#38
1-Methylnaphthalene
Concen: 42.172 ng
RT: 12.775 min Scan# 1613
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:142 Resp: 2221970
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.8 2.9 4.3

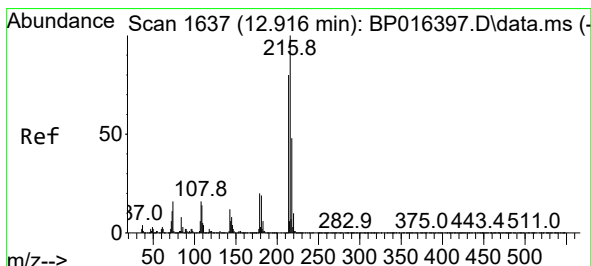
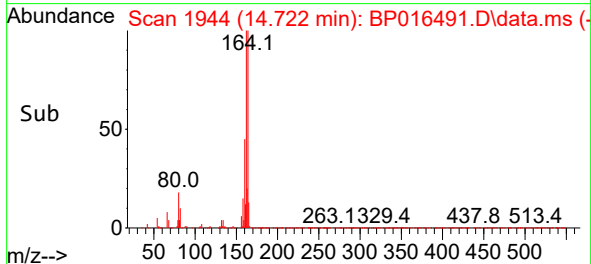
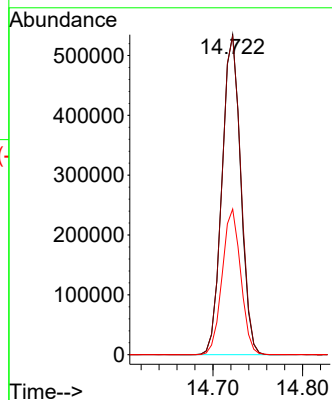
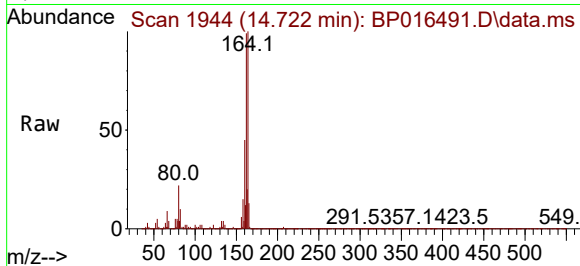




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

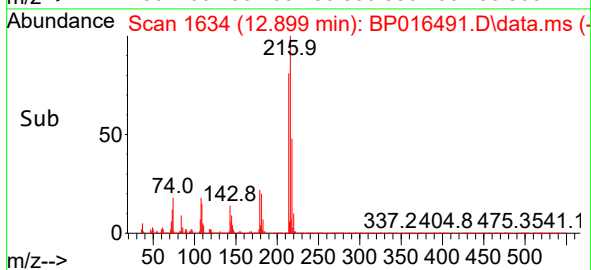
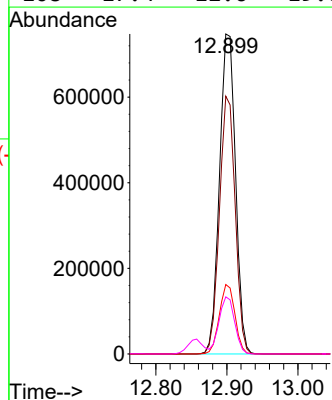
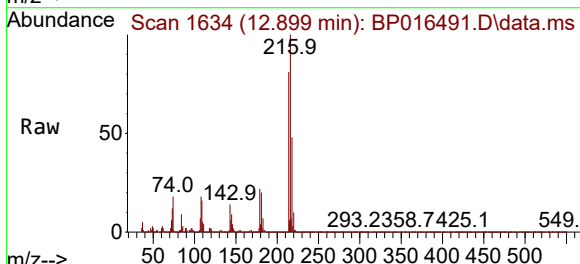
Instrument :
BNA_P
ClientSampleId :
PB154403BS

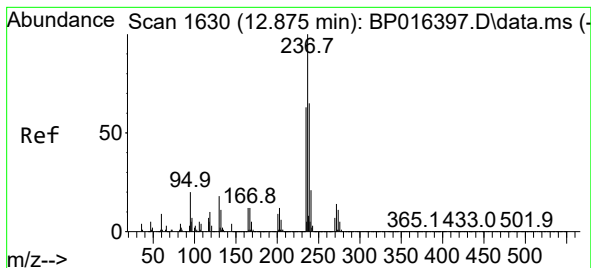
Tgt Ion:164 Resp: 769630
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.6
160 45.5 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.844 ng
RT: 12.899 min Scan# 1634
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:216 Resp: 1165774
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 21.1 16.0 24.0
108 17.4 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 123.833 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

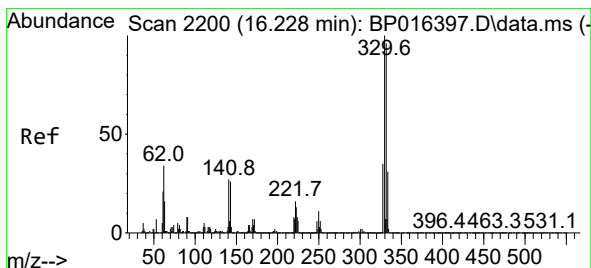
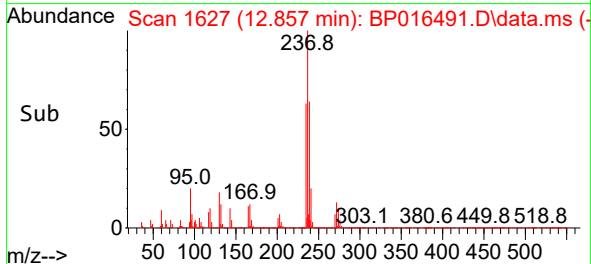
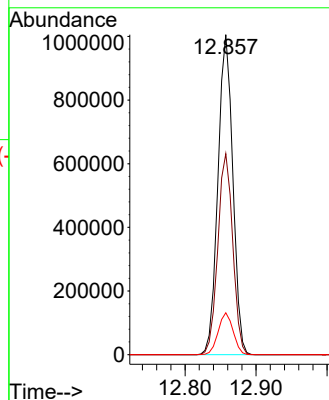
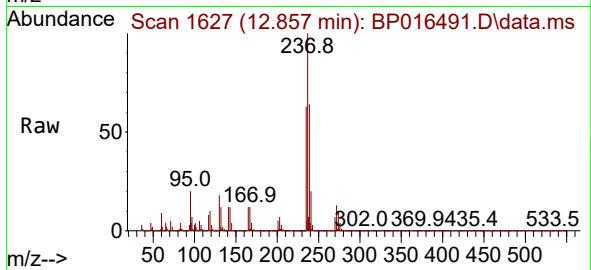
Tgt Ion:237 Resp: 1454606

Ion Ratio Lower Upper

237 100

235 62.8 42.7 82.7

272 13.1 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 106.421 ng

RT: 16.216 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

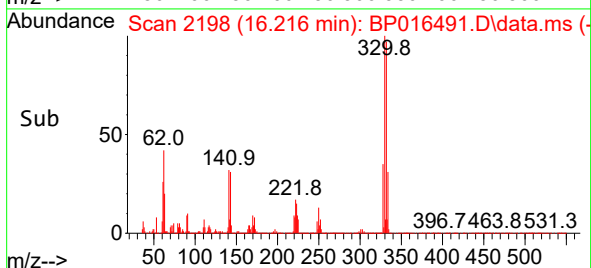
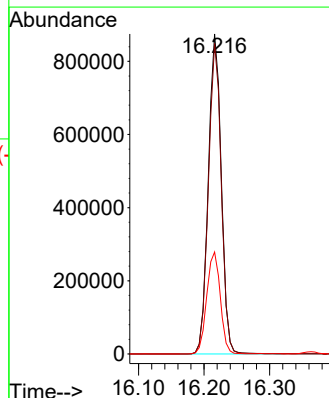
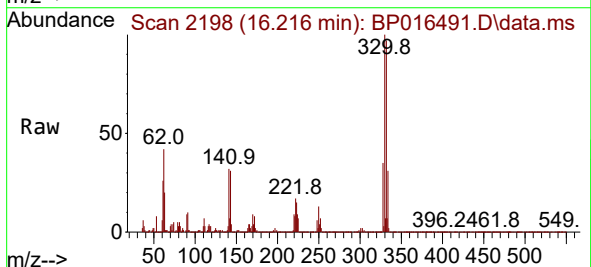
Tgt Ion:330 Resp: 1204942

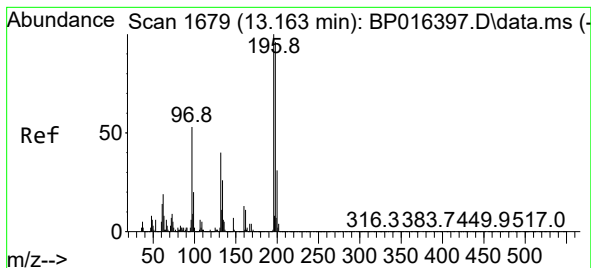
Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.8

141 33.3 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 50.715 ng

RT: 13.146 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

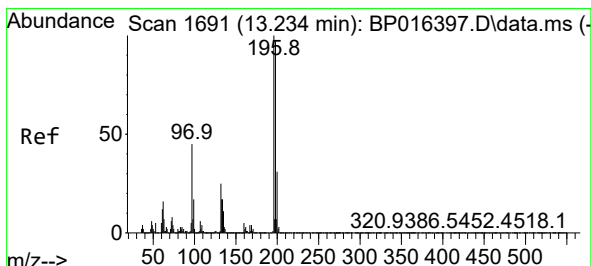
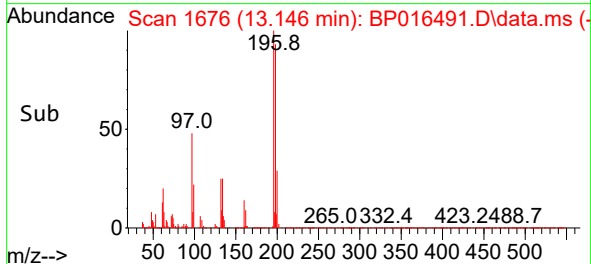
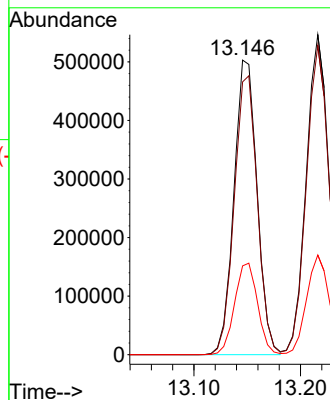
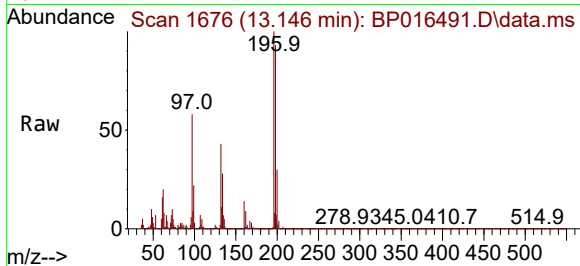
Tgt Ion:196 Resp: 761065

Ion Ratio Lower Upper

196 100

198 92.6 77.0 115.4

200 30.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.867 ng

RT: 13.216 min Scan# 1688

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Tgt Ion:196 Resp: 816881

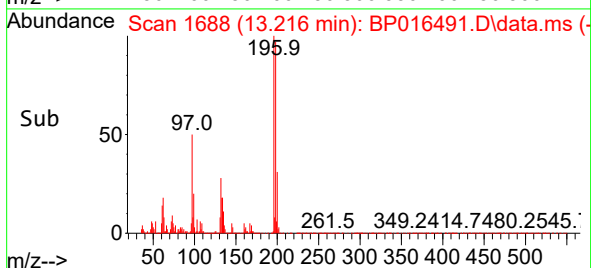
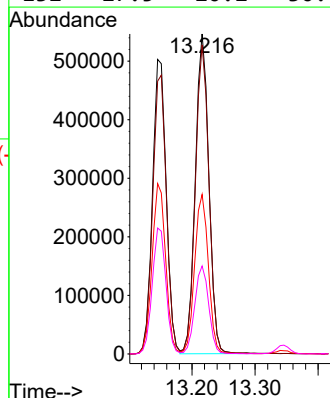
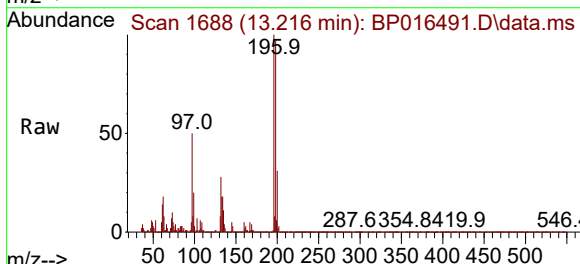
Ion Ratio Lower Upper

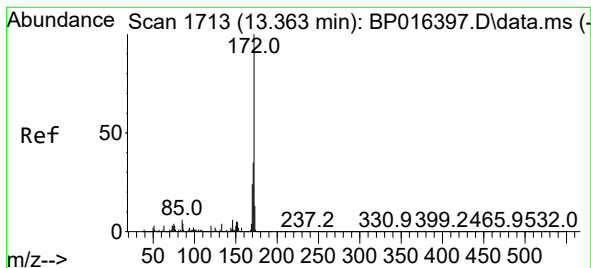
196 100

198 96.6 77.3 115.9

97 49.9 36.2 54.4

132 27.5 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.633 ng

RT: 13.346 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

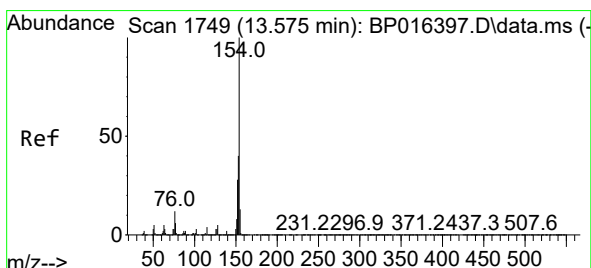
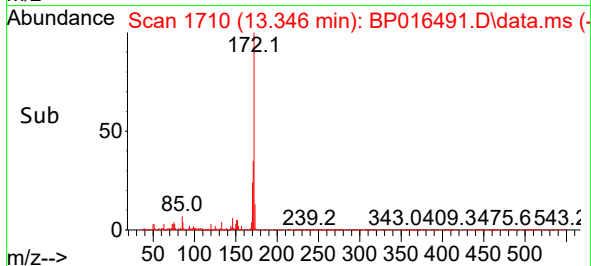
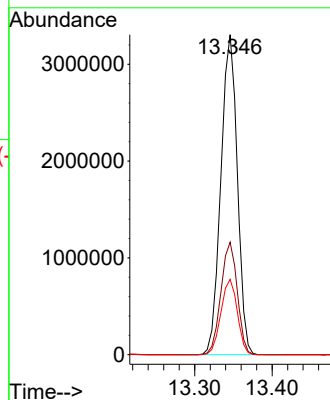
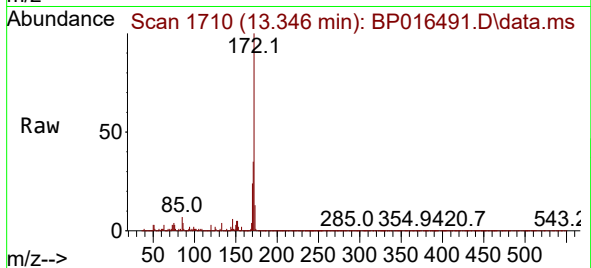
Tgt Ion:172 Resp: 4865407

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.361 ng

RT: 13.557 min Scan# 1746

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

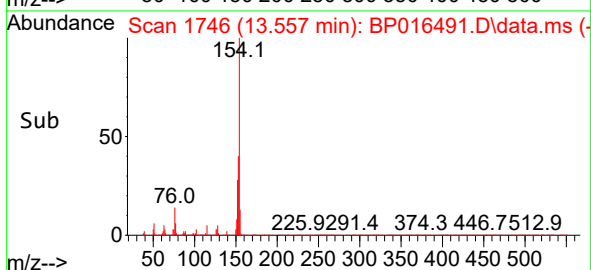
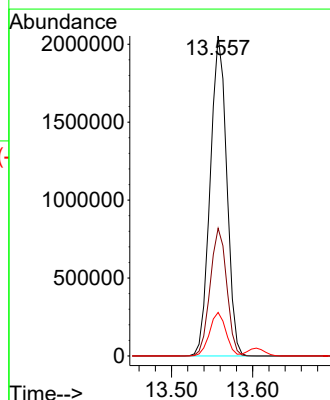
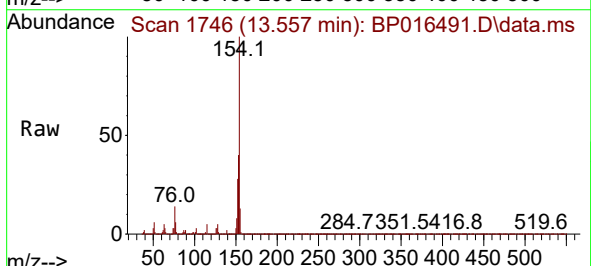
Tgt Ion:154 Resp: 2895886

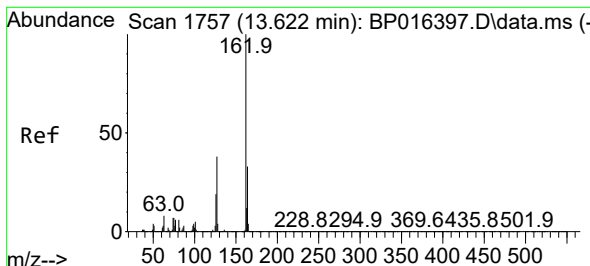
Ion Ratio Lower Upper

154 100

153 39.9 20.1 60.1

76 13.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 50.624 ng

RT: 13.604 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

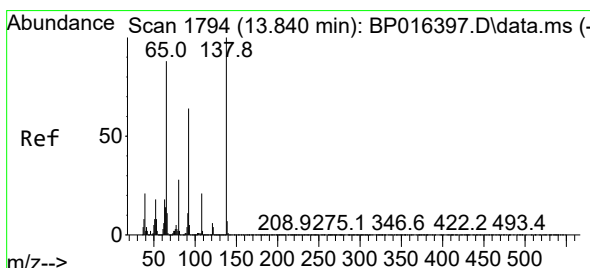
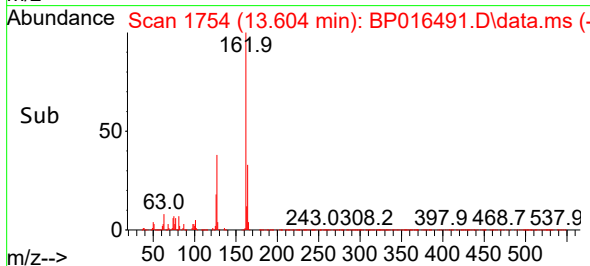
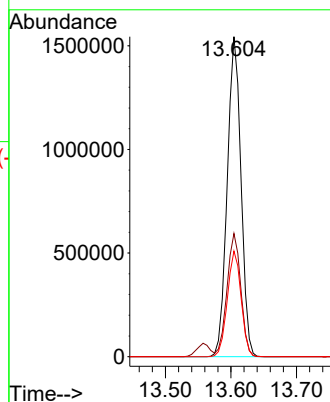
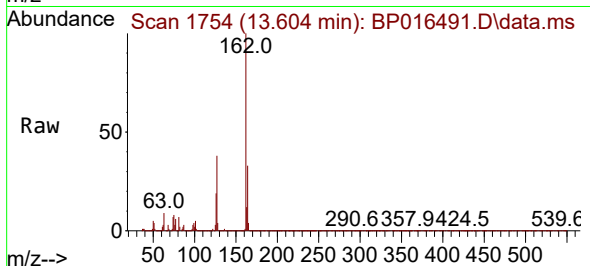
Tgt Ion:162 Resp: 2240647

Ion Ratio Lower Upper

162 100

127 38.5 30.1 45.1

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 49.034 ng

RT: 13.828 min Scan# 1792

Delta R.T. -0.012 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

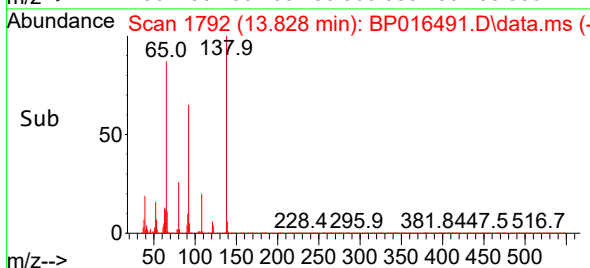
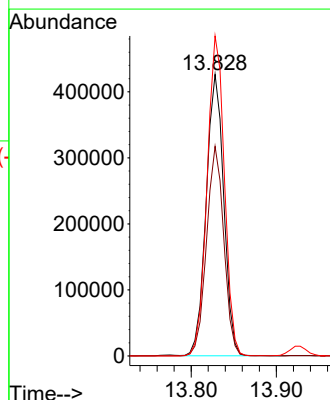
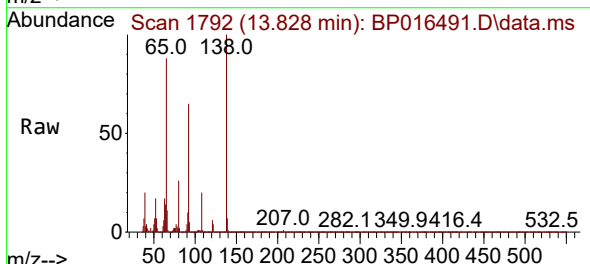
Tgt Ion: 65 Resp: 611759

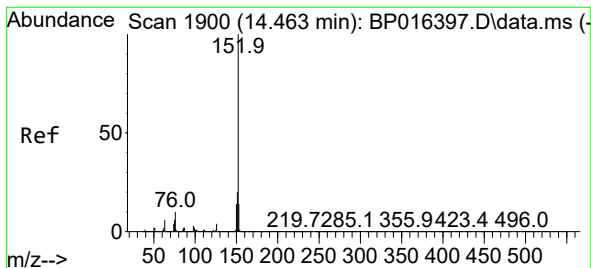
Ion Ratio Lower Upper

65 100

92 74.4 58.2 87.4

138 113.7 91.3 136.9





#49

Acenaphthylene

Concen: 48.632 ng

RT: 14.451 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

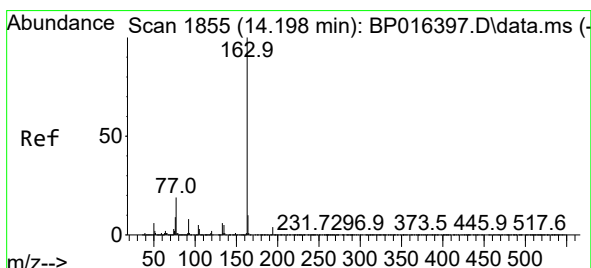
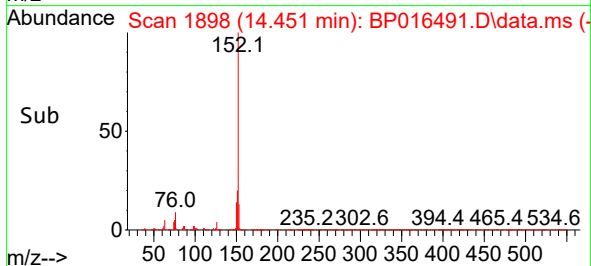
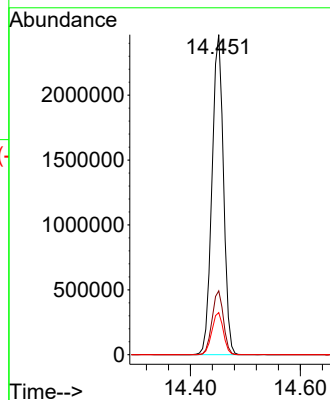
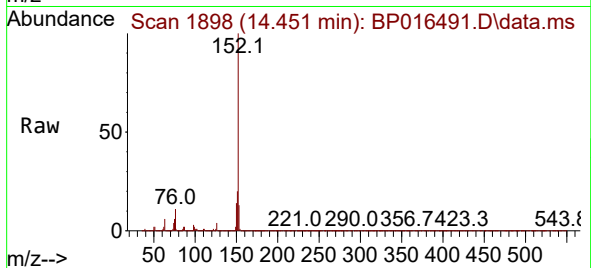
Tgt Ion:152 Resp: 3571411

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 43.539 ng

RT: 14.181 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

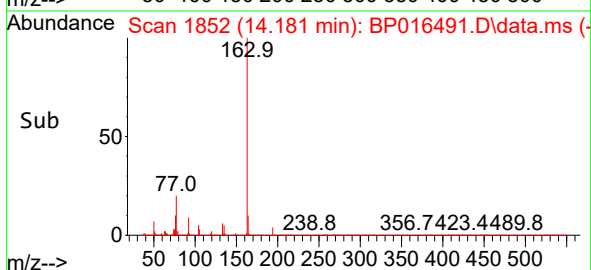
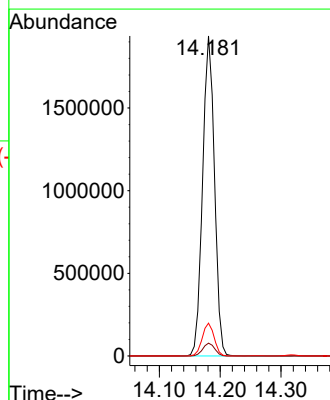
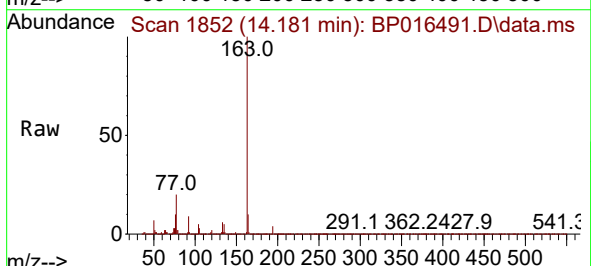
Tgt Ion:163 Resp: 2611240

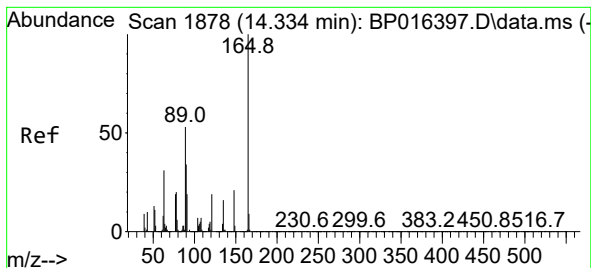
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.332 ng

RT: 14.316 min Scan# 1875

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

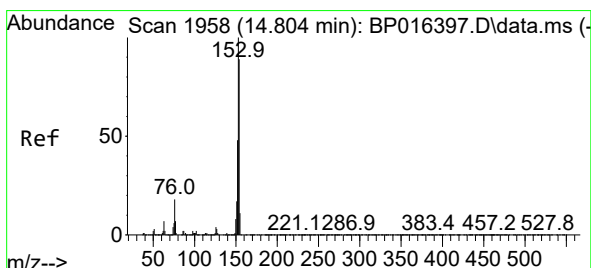
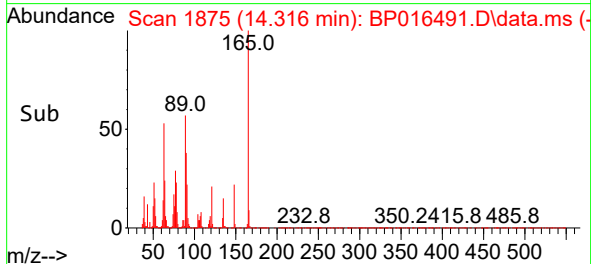
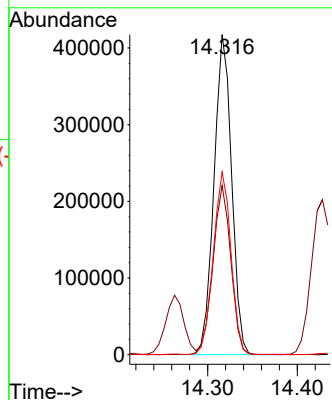
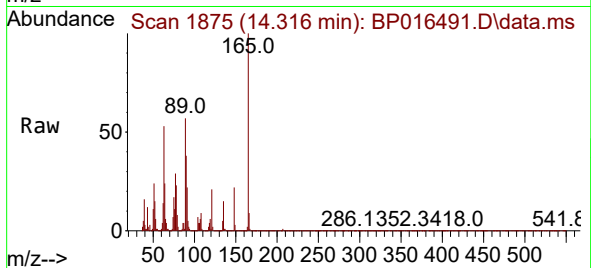
Tgt Ion:165 Resp: 569266

Ion Ratio Lower Upper

165 100

63 52.8 39.1 58.7

89 57.1 42.5 63.7



#52

Acenaphthene

Concen: 46.717 ng

RT: 14.787 min Scan# 1955

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

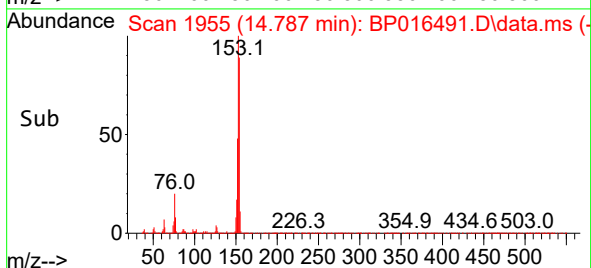
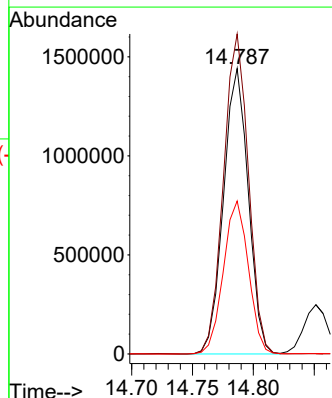
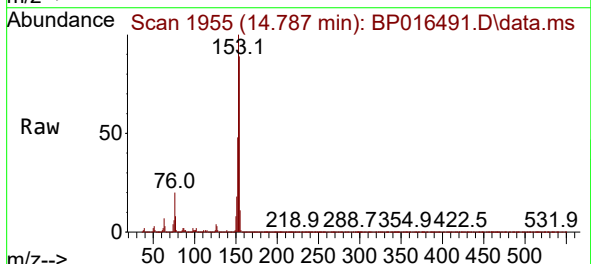
Tgt Ion:154 Resp: 2040139

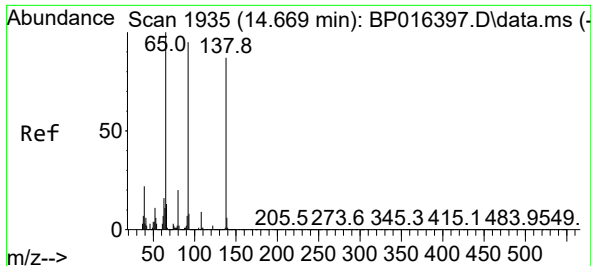
Ion Ratio Lower Upper

154 100

153 112.1 90.4 135.6

152 53.6 43.4 65.0

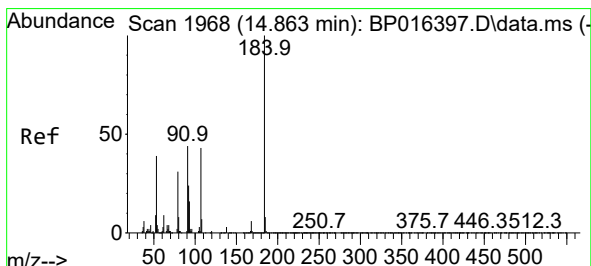
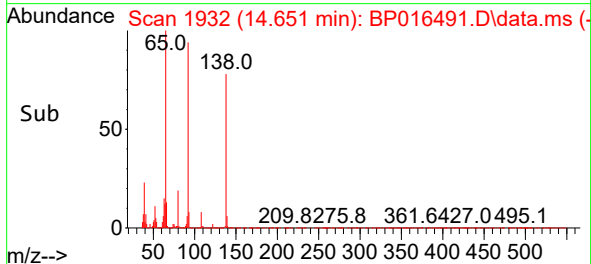
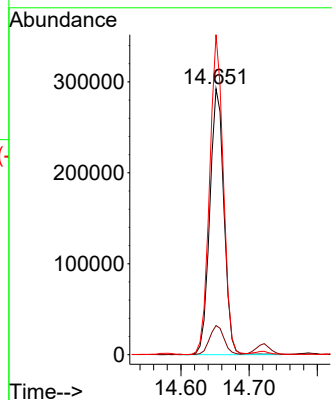
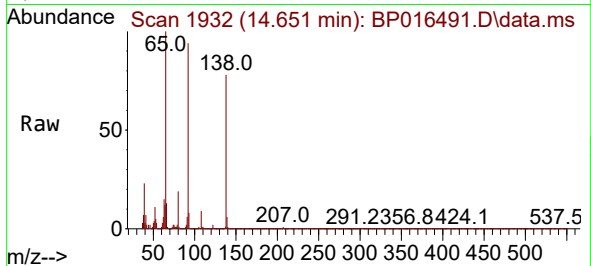




#53
3-Nitroaniline
Concen: 30.320 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

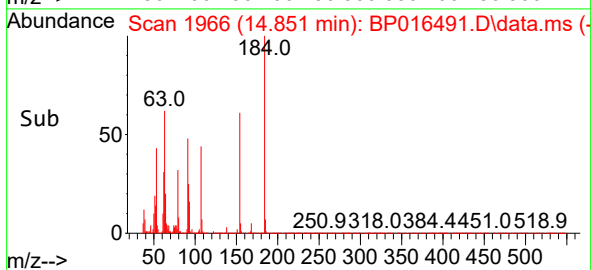
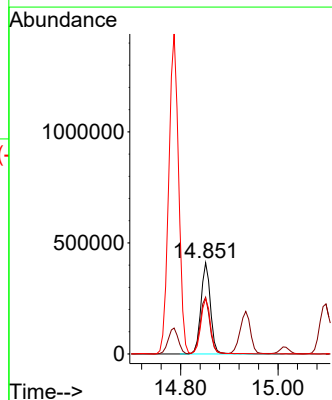
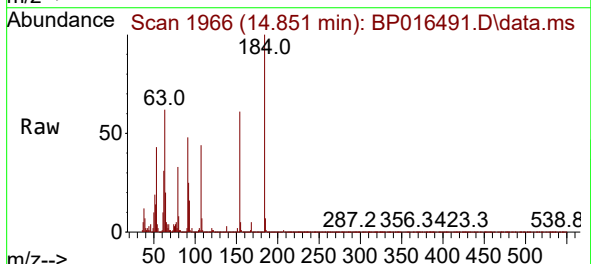
Instrument :
BNA_P
ClientSampleId :
PB154403BS

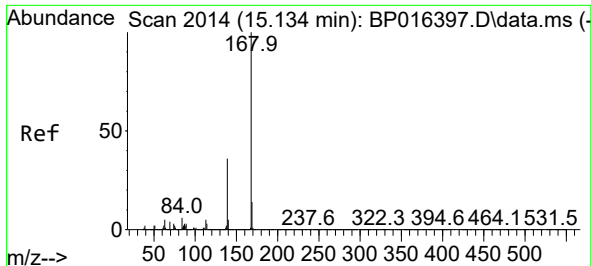
Tgt Ion:138 Resp: 421171
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 120.4 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 95.627 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:184 Resp: 559635
Ion Ratio Lower Upper
184 100
63 62.3 48.2 72.4
154 60.6 49.6 74.4

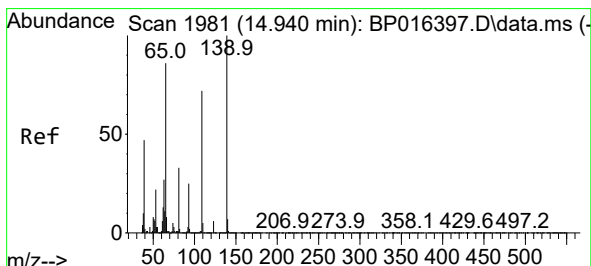
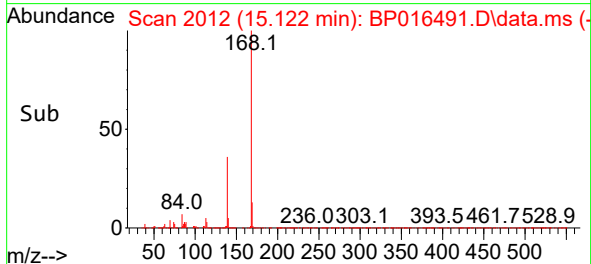
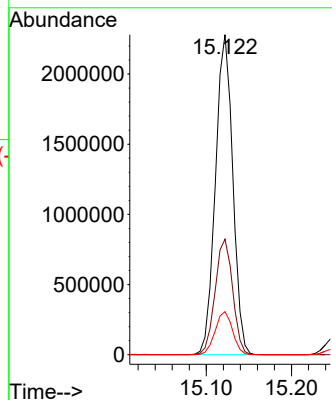
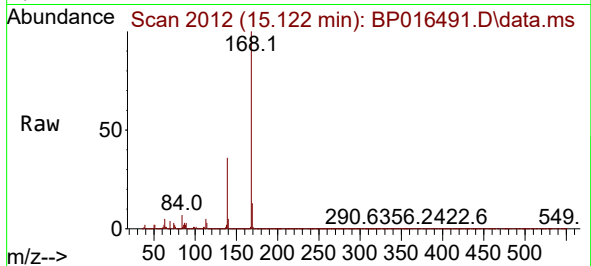




#55
Dibenzenofuran
Concen: 45.041 ng
RT: 15.122 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

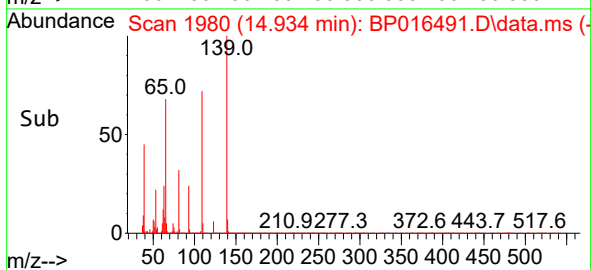
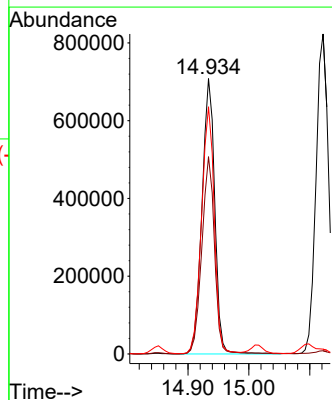
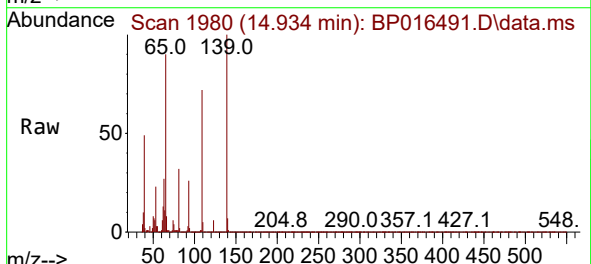
Instrument :
BNA_P
ClientSampleId :
PB154403BS

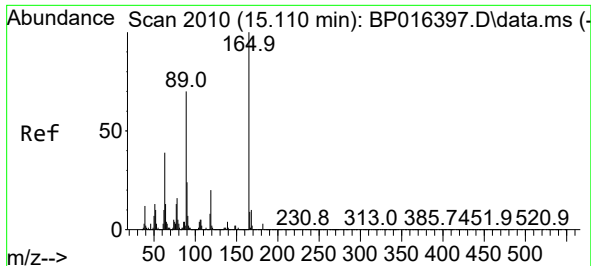
Tgt Ion:168 Resp: 3225935
Ion Ratio Lower Upper
168 100
139 36.1 28.9 43.3
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 95.093 ng
RT: 14.934 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:139 Resp: 1033988
Ion Ratio Lower Upper
139 100
109 71.7 51.9 91.9
65 89.8 66.2 106.2

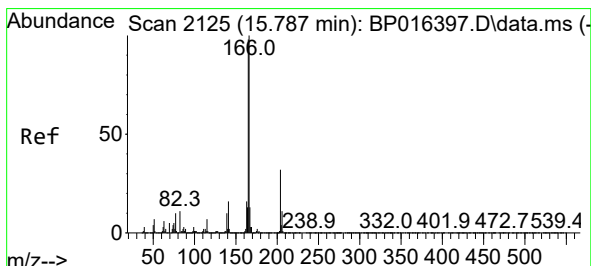
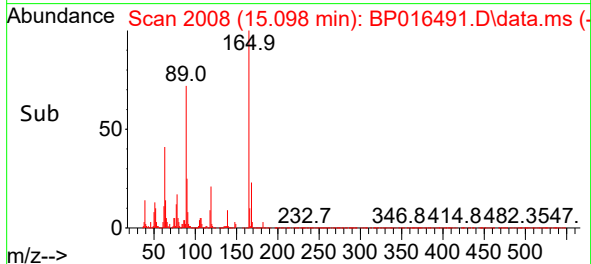
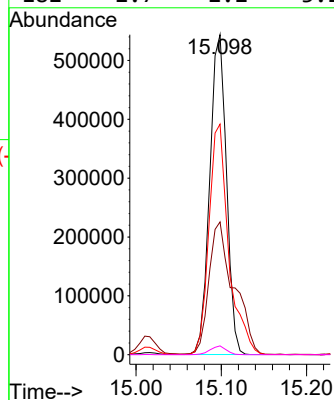
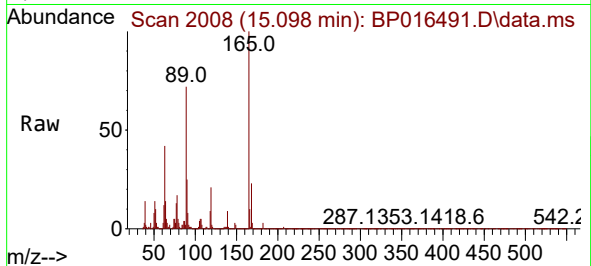




#57
2,4-Dinitrotoluene
Concen: 46.273 ng
RT: 15.098 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

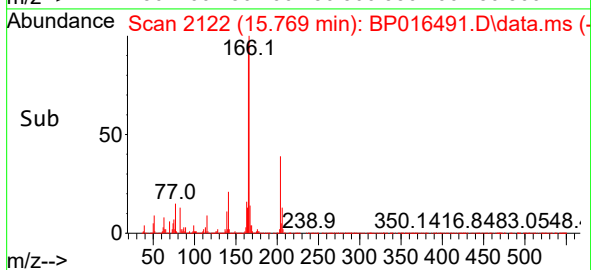
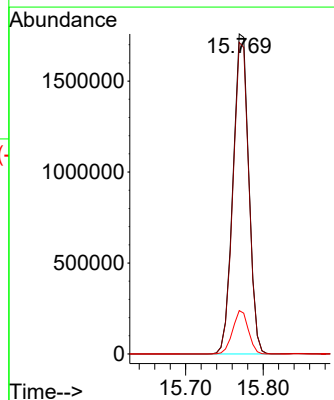
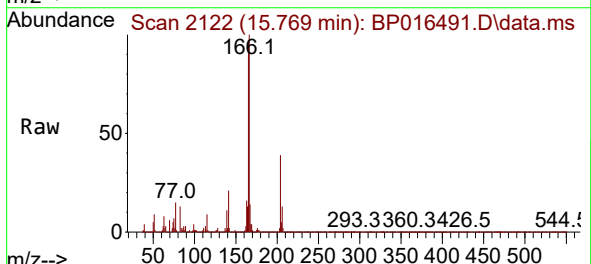
Instrument :
BNA_P
ClientSampleId :
PB154403BS

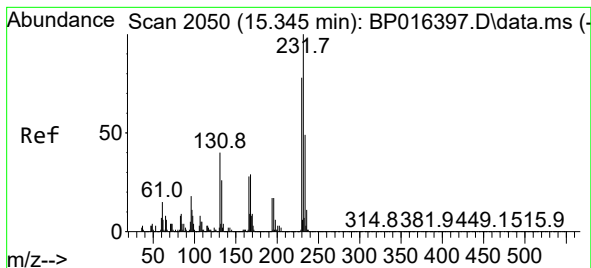
Tgt Ion:165 Resp: 740944
Ion Ratio Lower Upper
165 100
63 41.5 31.4 47.0
89 72.1 55.8 83.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.420 ng
RT: 15.769 min Scan# 2122
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:166 Resp: 2499431
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.6 10.6 16.0

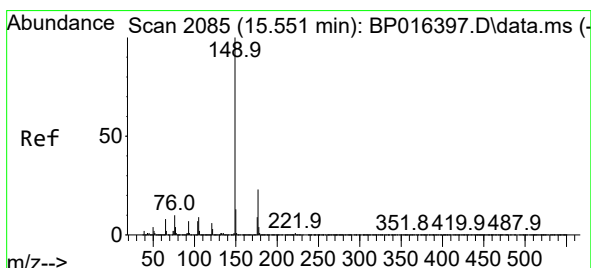
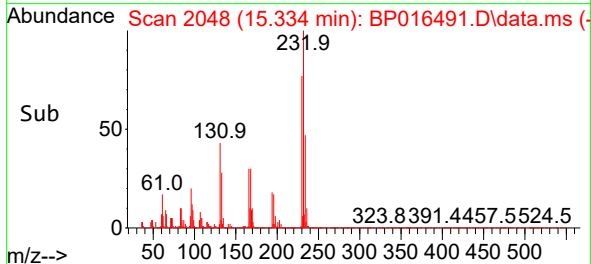
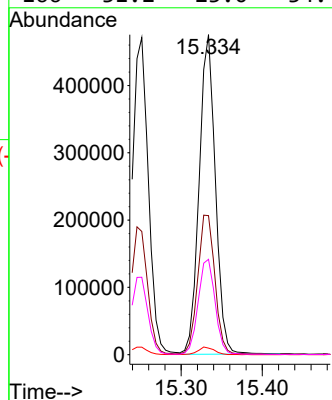
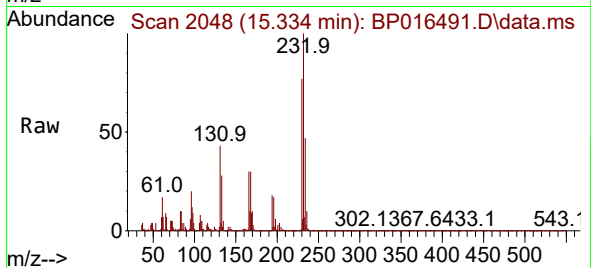




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.083 ng
RT: 15.334 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

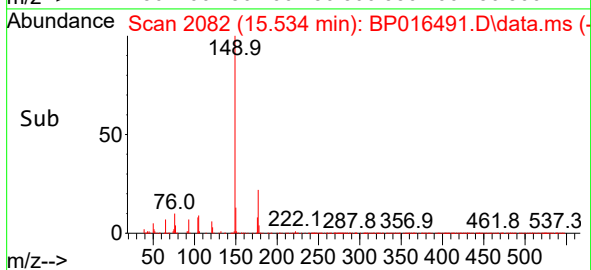
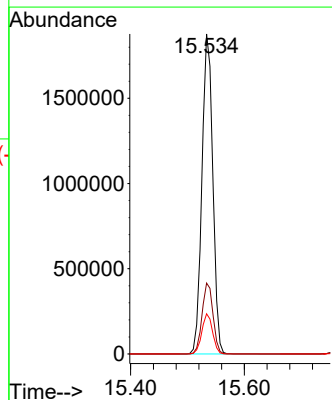
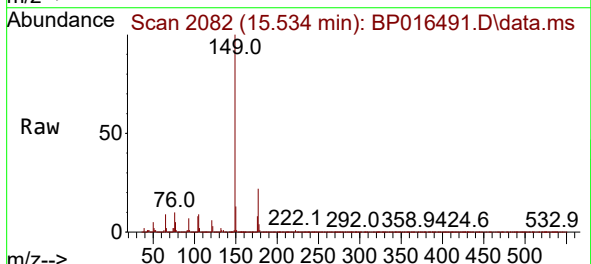
Instrument :
BNA_P
ClientSampleId :
PB154403BS

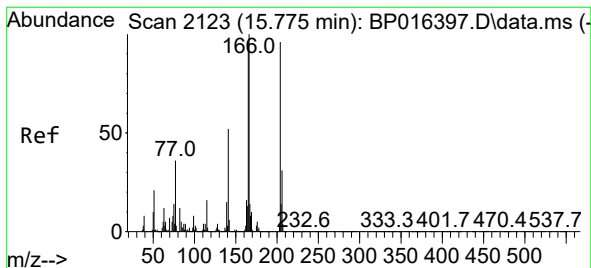
Tgt Ion:232 Resp: 660231
Ion Ratio Lower Upper
232 100
131 46.5 33.1 49.7
130 2.4 1.8 2.8
166 31.2 23.0 34.4



#60
Diethylphthalate
Concen: 41.832 ng
RT: 15.534 min Scan# 2082
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:149 Resp: 2493249
Ion Ratio Lower Upper
149 100
177 22.2 18.6 27.8
150 12.6 10.1 15.1

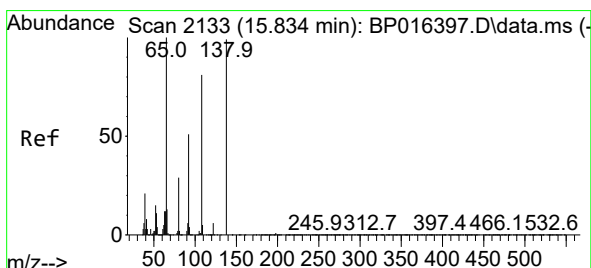
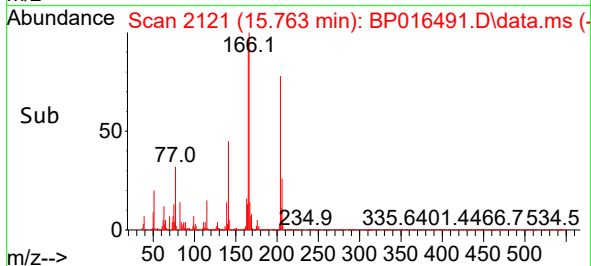
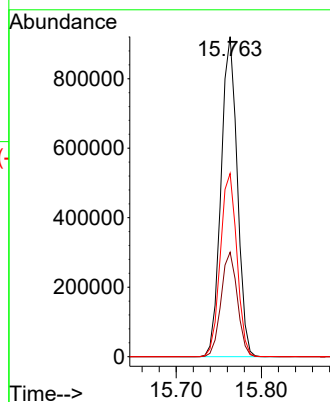
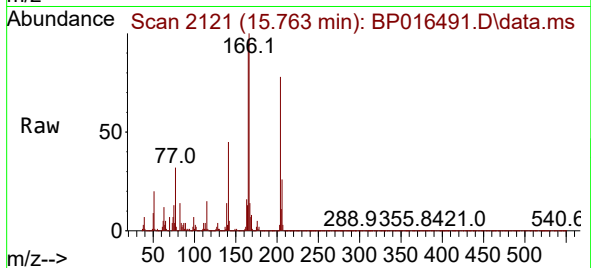




#61
4-Chlorophenyl-phenylether
Concen: 42.882 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

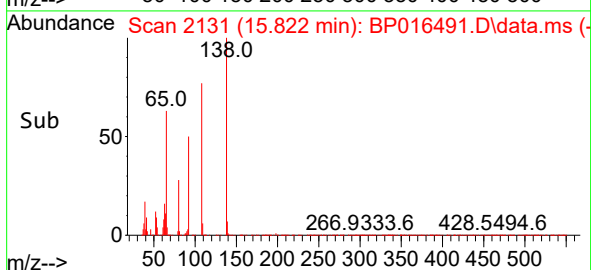
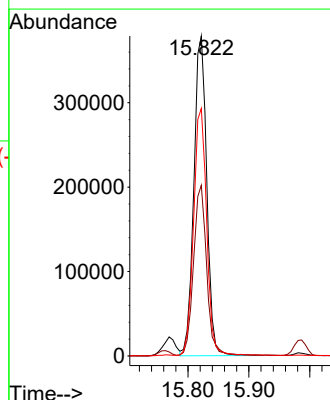
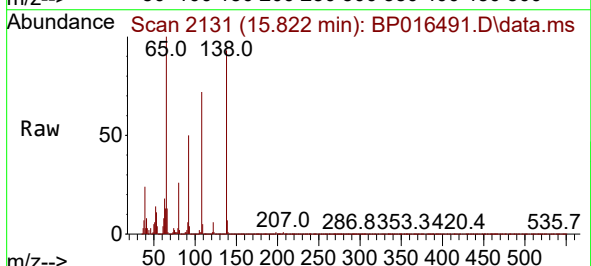
Instrument :
BNA_P
ClientSampleId :
PB154403BS

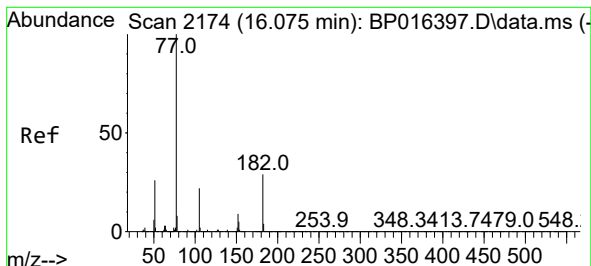
Tgt Ion:204 Resp: 1217612
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 57.3 43.4 65.0



#62
4-Nitroaniline
Concen: 40.463 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:138 Resp: 557793
Ion Ratio Lower Upper
138 100
92 53.3 30.3 70.3
108 77.4 60.1 100.1





#63

Azobenzene

Concen: 44.709 ng

RT: 16.057 min Scan# 2174

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

Tgt Ion: 77 Resp: 2516103

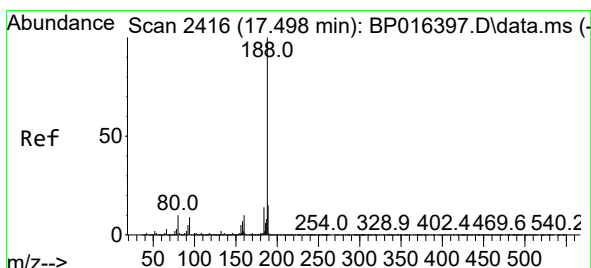
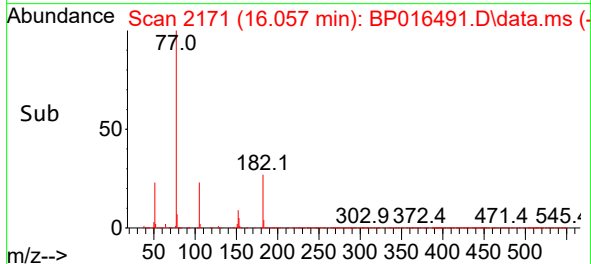
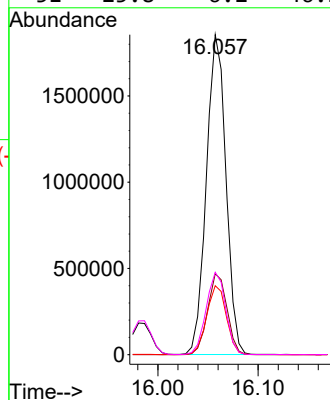
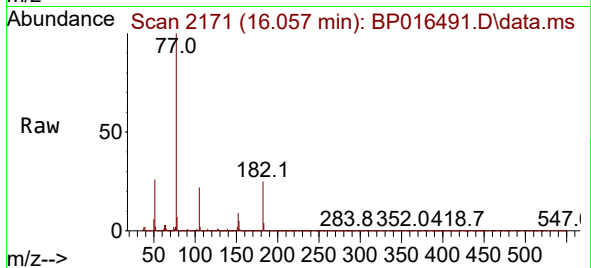
Ion Ratio Lower Upper

77 100

182 25.3 8.6 48.6

105 21.6 2.4 42.4

51 25.8 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

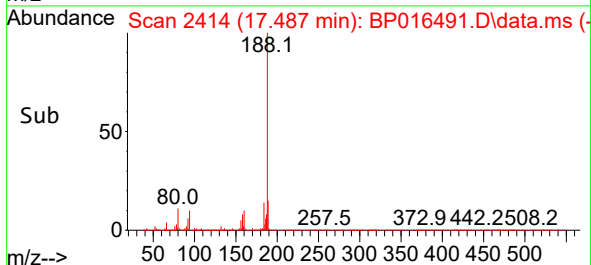
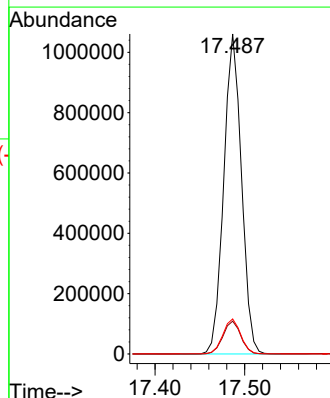
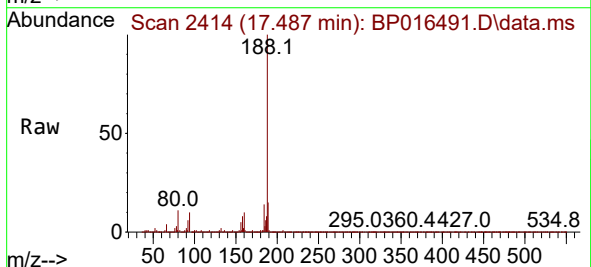
Tgt Ion: 188 Resp: 1452086

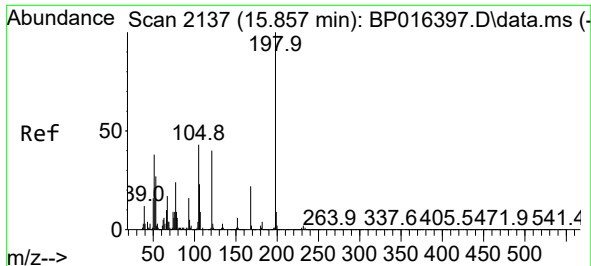
Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.0

80 11.0 7.8 11.8

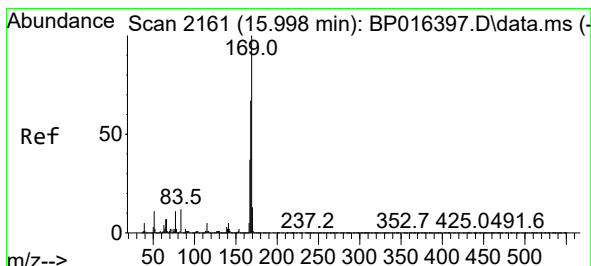
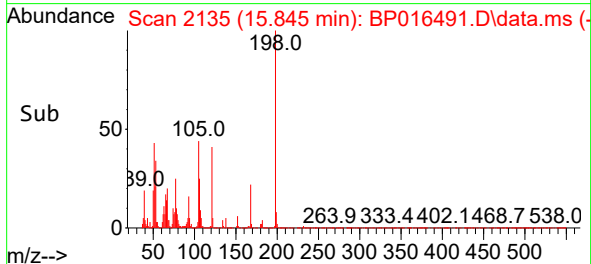
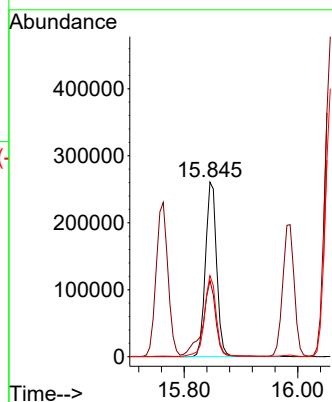
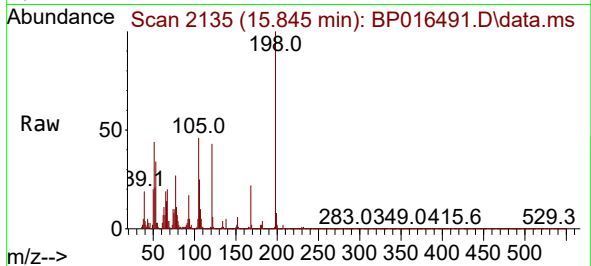




#65
4,6-Dinitro-2-methylphenol
Concen: 51.785 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

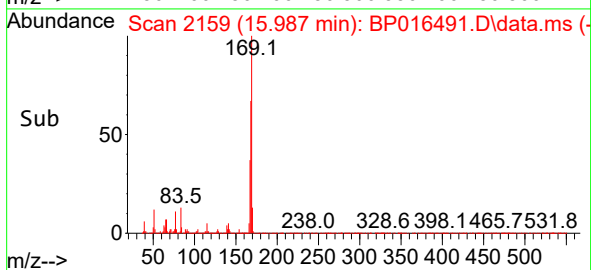
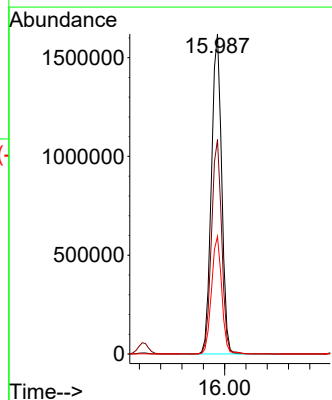
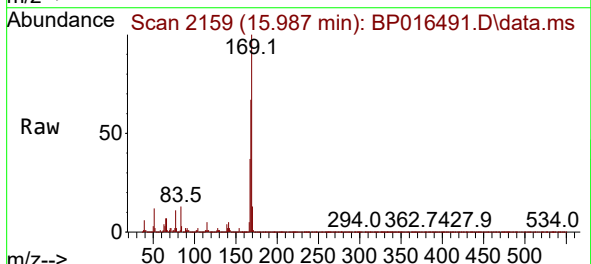
Instrument :
BNA_P
ClientSampleId :
PB154403BS

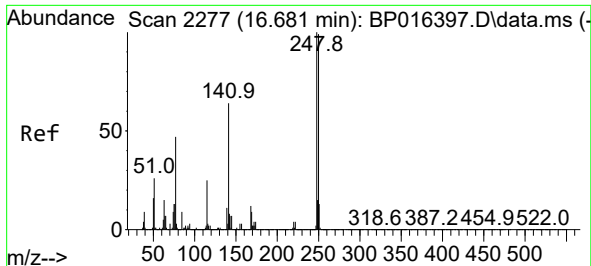
Tgt Ion:198 Resp: 355989
Ion Ratio Lower Upper
198 100
51 43.6 20.1 60.1
105 46.4 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 50.379 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:169 Resp: 2155933
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.7 29.2 43.8

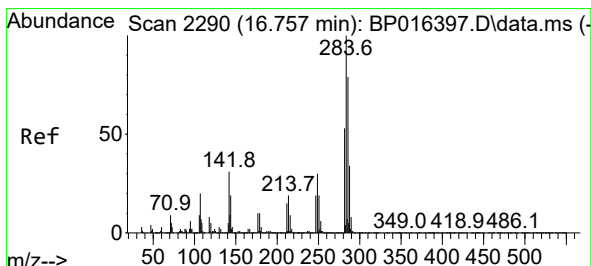
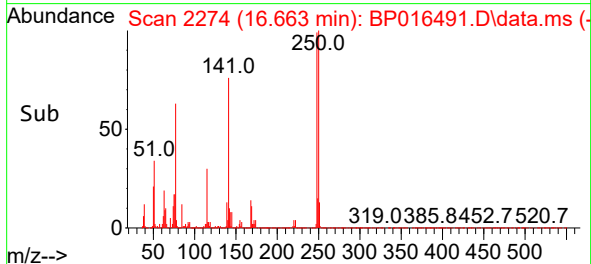
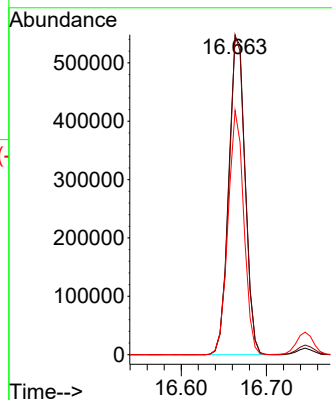
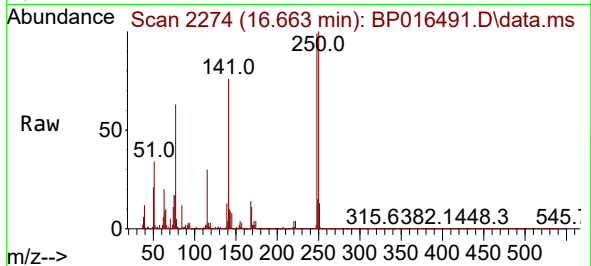




#67
4-Bromophenyl-phenylether
Concen: 47.467 ng
RT: 16.663 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

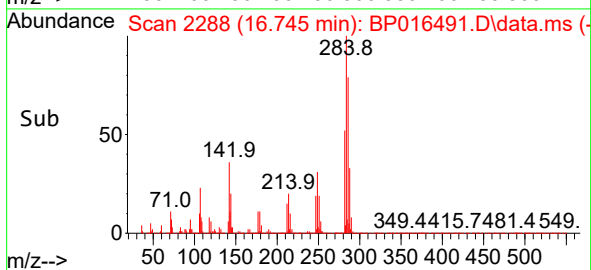
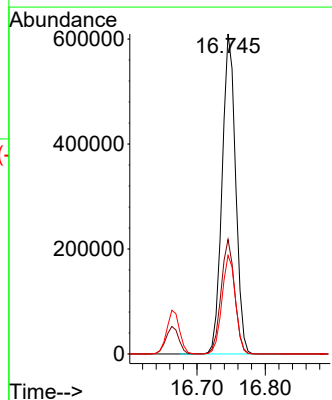
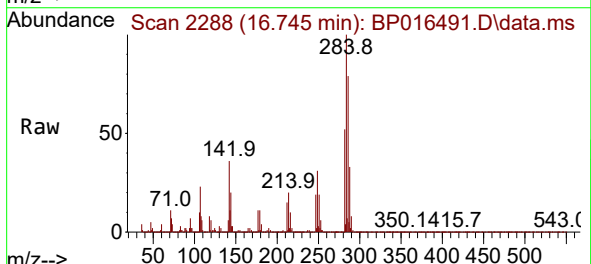
Instrument :
BNA_P
ClientSampleId :
PB154403BS

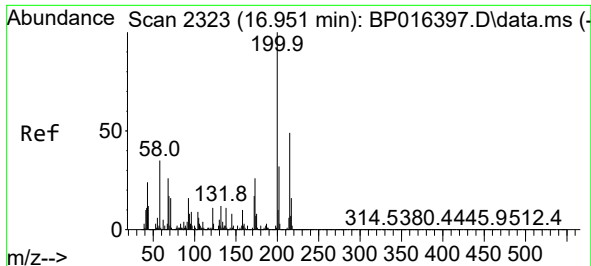
Tgt Ion:248 Resp: 729840
Ion Ratio Lower Upper
248 100
250 100.7 78.9 118.3
141 76.8 51.0 76.4#



#68
Hexachlorobenzene
Concen: 48.952 ng
RT: 16.745 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:284 Resp: 839361
Ion Ratio Lower Upper
284 100
142 35.8 25.2 37.8
249 30.8 26.0 39.0

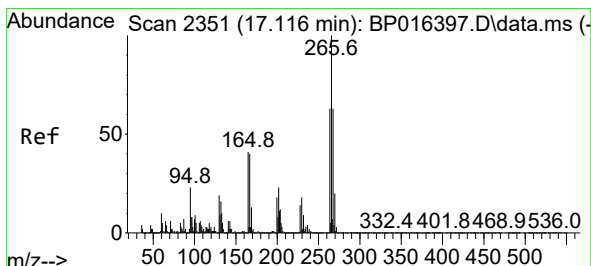
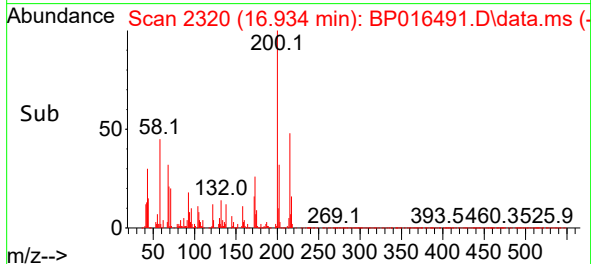
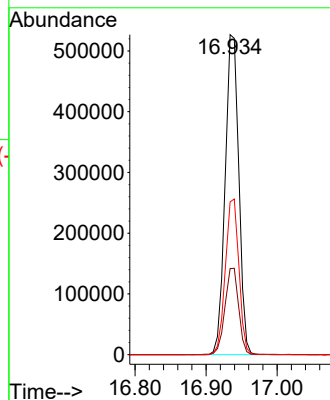
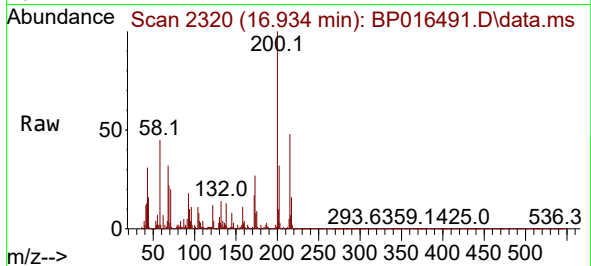




#69
 Atrazine
 Concen: 55.123 ng
 RT: 16.934 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP016491.D
 Acq: 03 Aug 2023 14:33

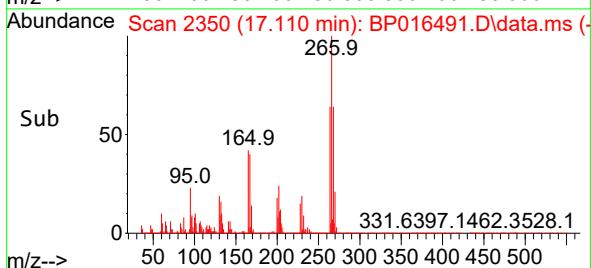
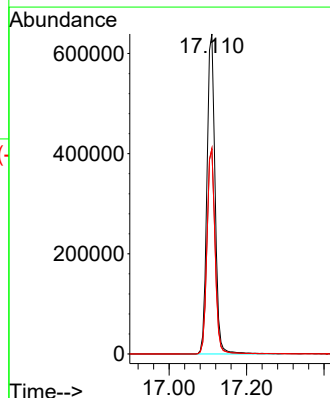
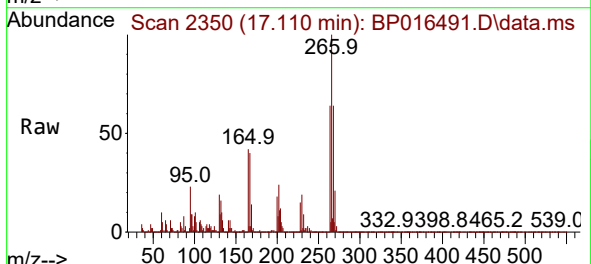
Instrument :
 BNA_P
 ClientSampleId :
 PB154403BS

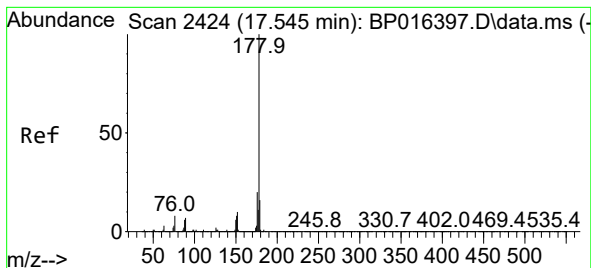
Tgt Ion:200 Resp: 701539
 Ion Ratio Lower Upper
 200 100
 173 26.9 5.8 45.8
 215 47.7 29.2 69.2



#70
 Pentachlorophenol
 Concen: 77.925 ng
 RT: 17.110 min Scan# 2350
 Delta R.T. -0.006 min
 Lab File: BP016491.D
 Acq: 03 Aug 2023 14:33

Tgt Ion:266 Resp: 924653
 Ion Ratio Lower Upper
 266 100
 268 64.1 53.9 80.9
 264 64.2 54.9 82.3





#71

Phenanthrene

Concen: 48.491 ng

RT: 17.534 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

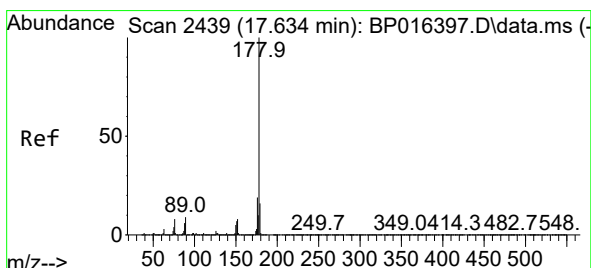
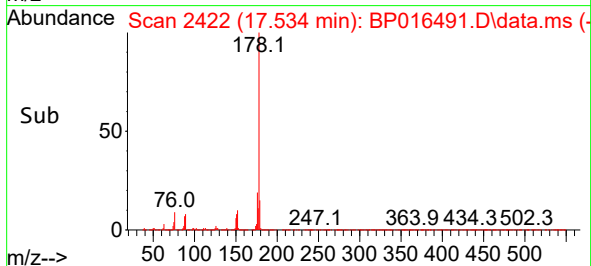
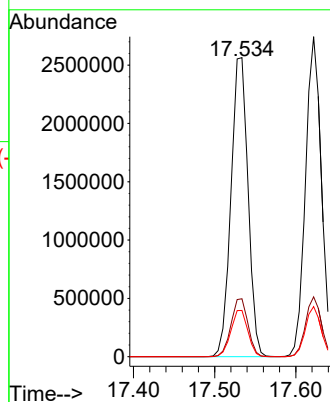
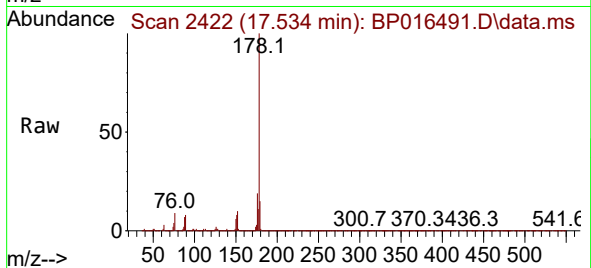
Tgt Ion:178 Resp: 3738861

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.5 12.4 18.6



#72

Anthracene

Concen: 48.334 ng

RT: 17.622 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

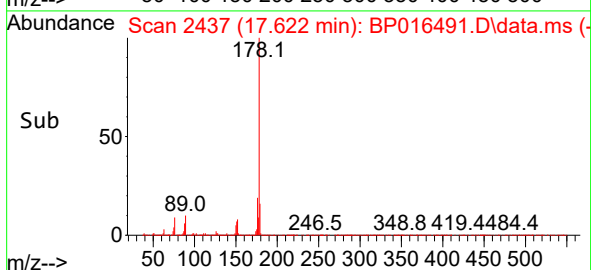
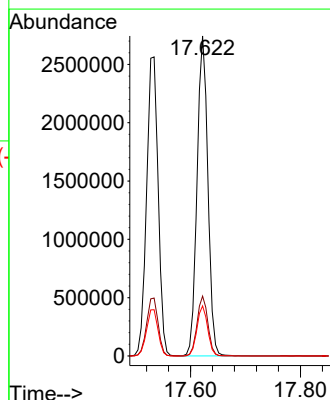
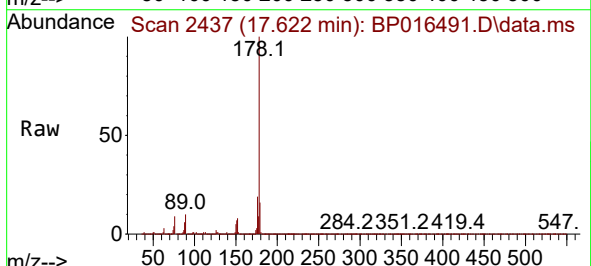
Tgt Ion:178 Resp: 3747459

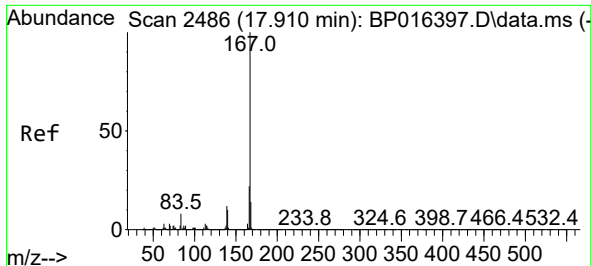
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.7 12.6 19.0

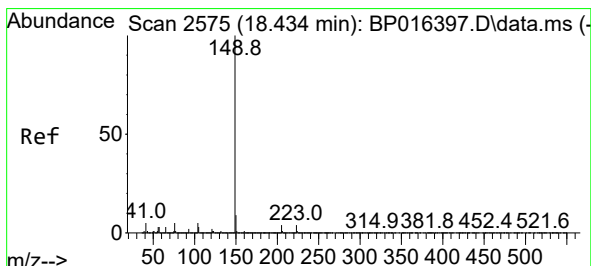
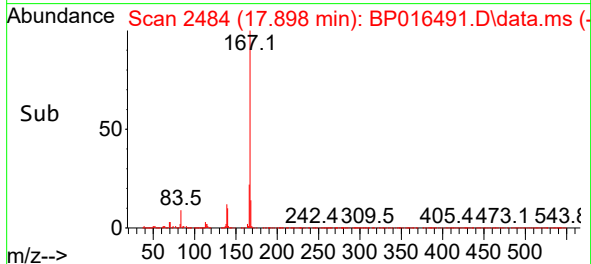
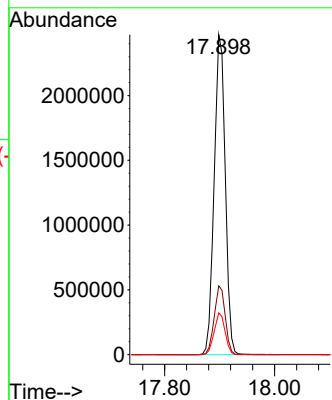
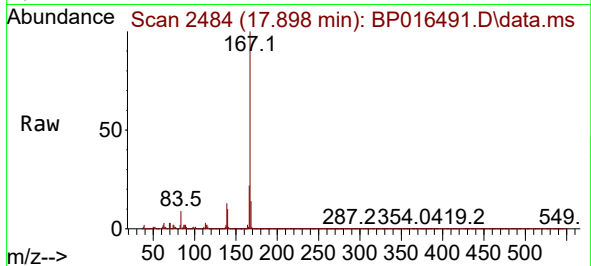




#73
 Carbazole
 Concen: 47.620 ng
 RT: 17.898 min Scan# 2484
 Delta R.T. -0.012 min
 Lab File: BP016491.D
 Acq: 03 Aug 2023 14:33

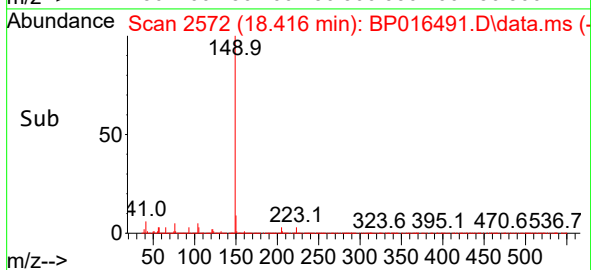
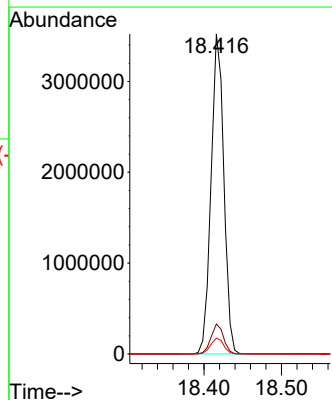
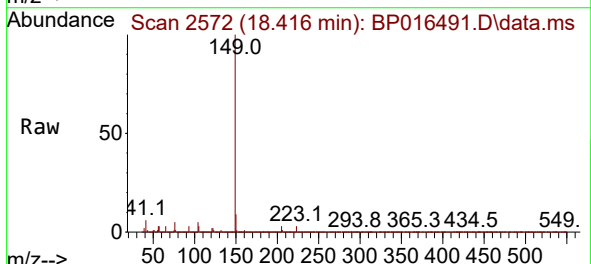
Instrument :
 BNA_P
 ClientSampleId :
 PB154403BS

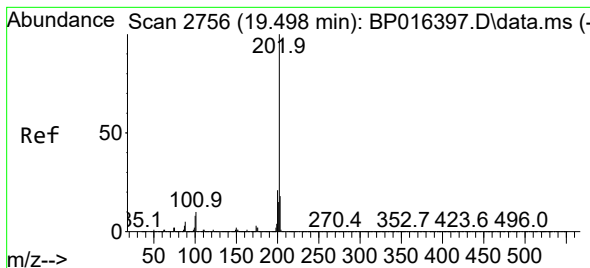
Tgt Ion:167 Resp: 3461522
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.1 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 47.842 ng
 RT: 18.416 min Scan# 2572
 Delta R.T. -0.018 min
 Lab File: BP016491.D
 Acq: 03 Aug 2023 14:33

Tgt Ion:149 Resp: 4023403
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 44.609 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

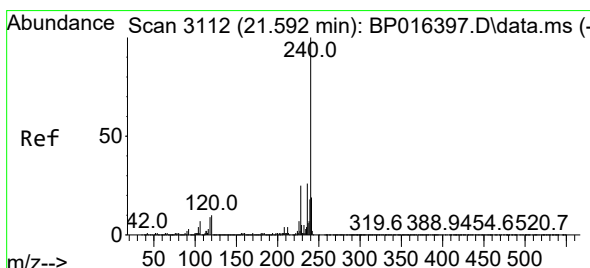
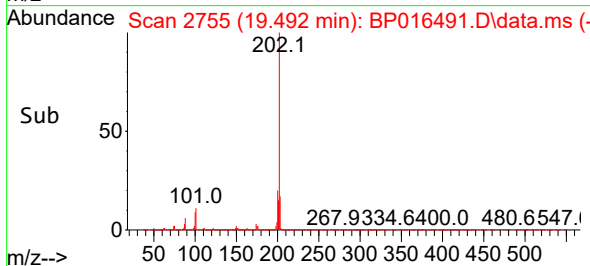
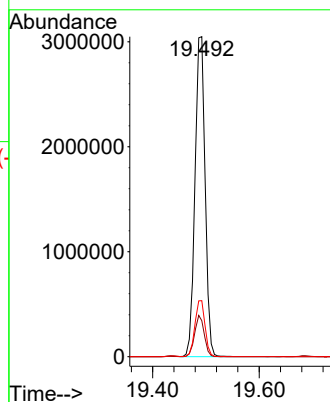
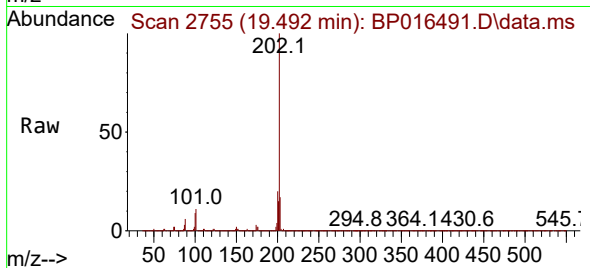
Tgt Ion:202 Resp: 4031499

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.2

203 17.5 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: BP016491.D

Acq: 03 Aug 2023 14:33

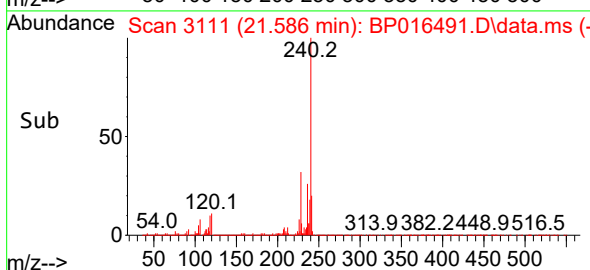
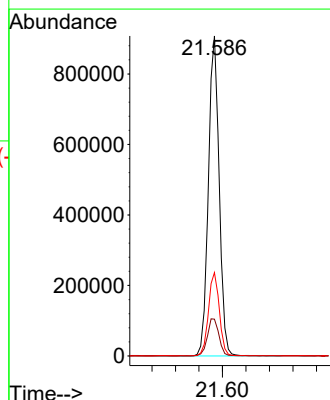
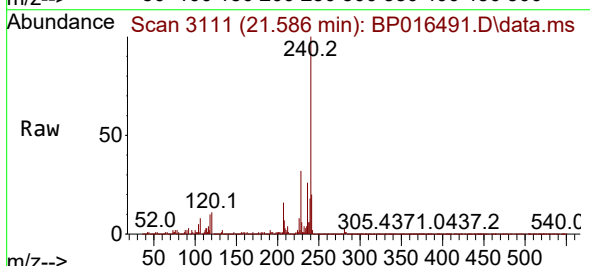
Tgt Ion:240 Resp: 1158406

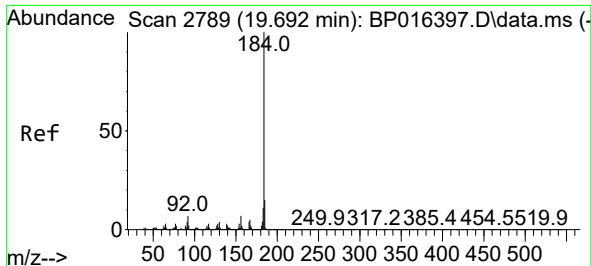
Ion Ratio Lower Upper

240 100

120 11.5 7.9 11.9

236 26.0 21.1 31.7

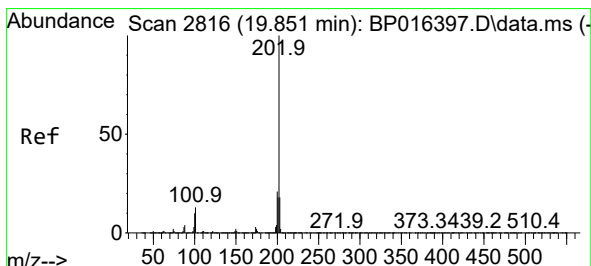
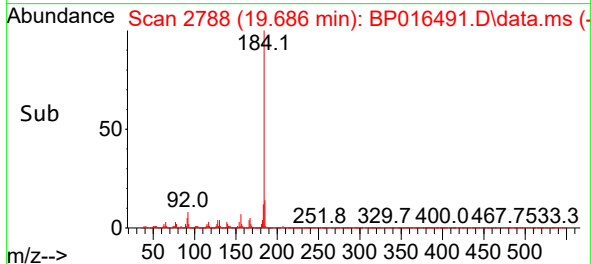
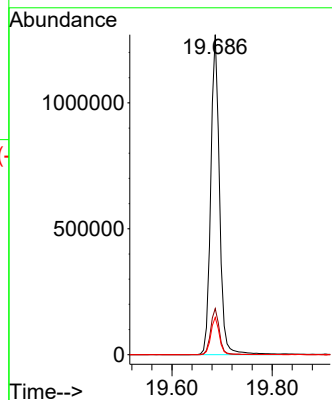
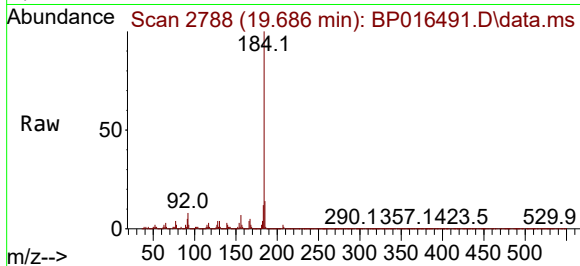




#77
Benzidine
Concen: 76.944 ng
RT: 19.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

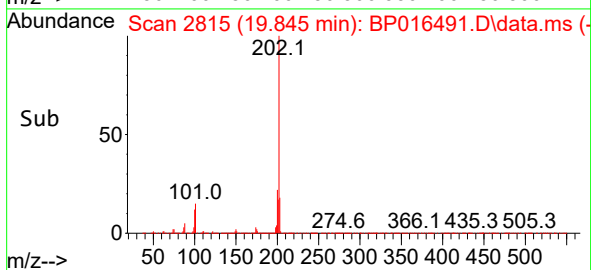
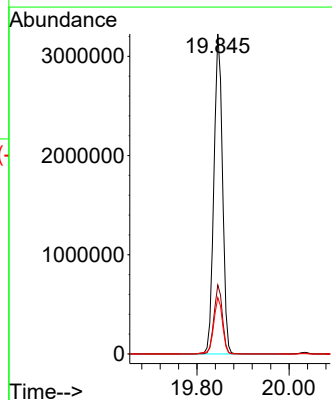
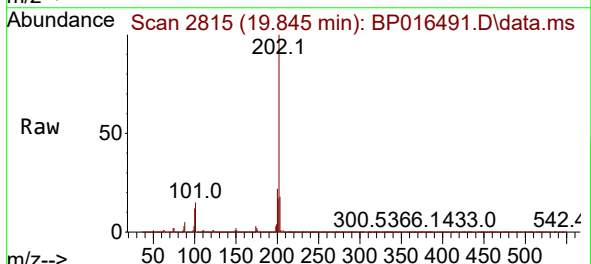
Instrument :
BNA_P
ClientSampleId :
PB154403BS

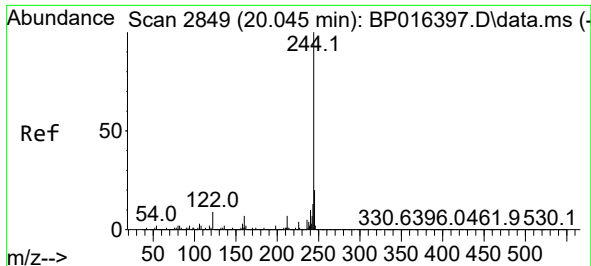
Tgt Ion:184 Resp: 1545342
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.7 9.2 13.8



#78
Pyrene
Concen: 53.559 ng
RT: 19.845 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:202 Resp: 4159059
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.6 14.4 21.6

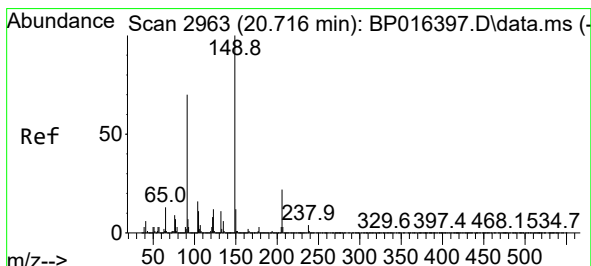
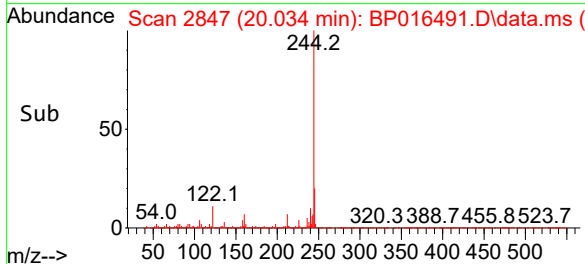
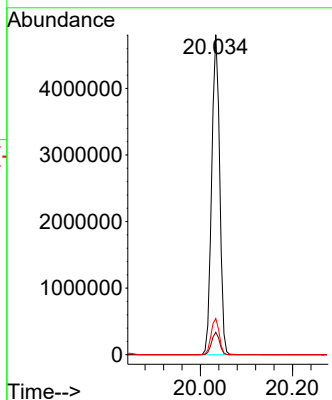
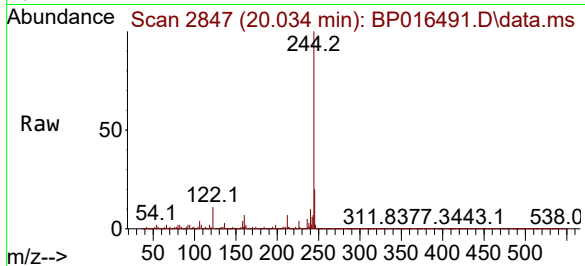




#79
 Terphenyl-d14
 Concen: 105.644 ng
 RT: 20.034 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP016491.D
 Acq: 03 Aug 2023 14:33

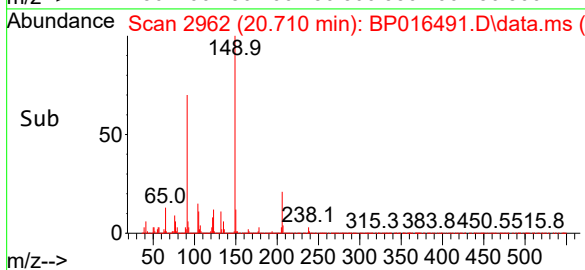
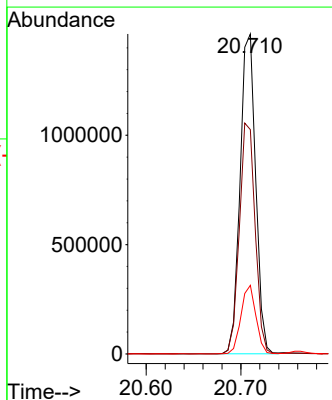
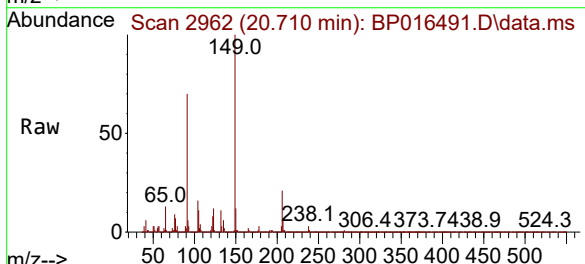
Instrument :
 BNA_P
 ClientSampleId :
 PB154403BS

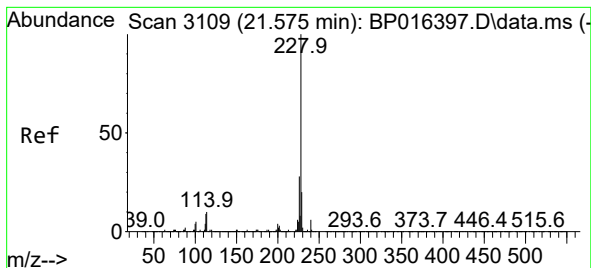
Tgt Ion:244 Resp: 5793311
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 7.4 11.2#



#80
 Butylbenzylphthalate
 Concen: 54.807 ng
 RT: 20.710 min Scan# 2962
 Delta R.T. -0.006 min
 Lab File: BP016491.D
 Acq: 03 Aug 2023 14:33

Tgt Ion:149 Resp: 1672006
 Ion Ratio Lower Upper
 149 100
 91 70.1 56.1 84.1
 206 21.5 17.8 26.6





#81

Benzo(a)anthracene

Concen: 49.215 ng

RT: 21.569 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

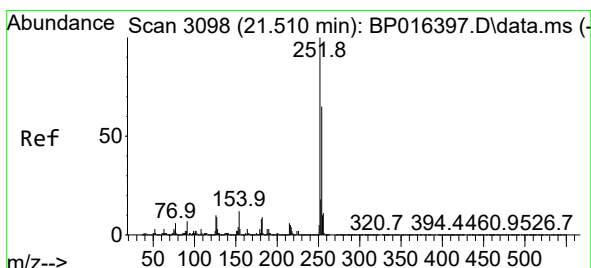
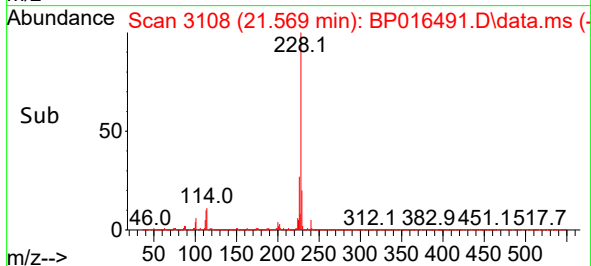
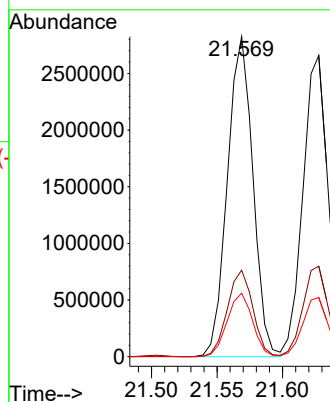
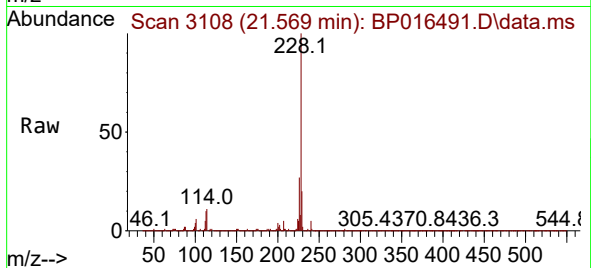
Tgt Ion:228 Resp: 3825174

Ion Ratio Lower Upper

228 100

226 27.0 22.4 33.6

229 19.9 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 36.815 ng

RT: 21.504 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

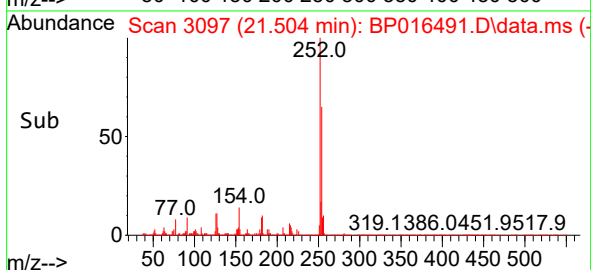
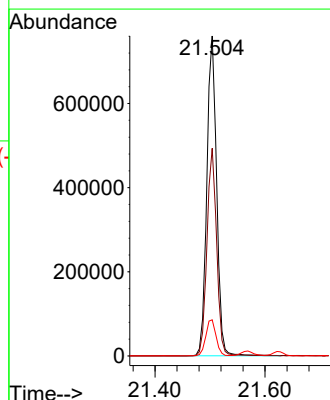
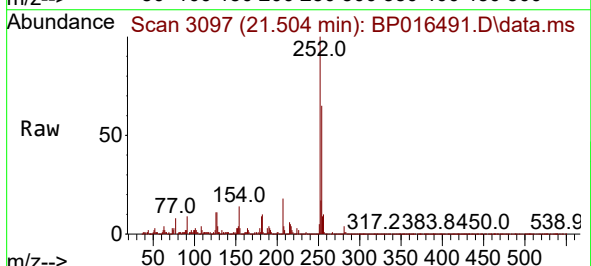
Tgt Ion:252 Resp: 939305

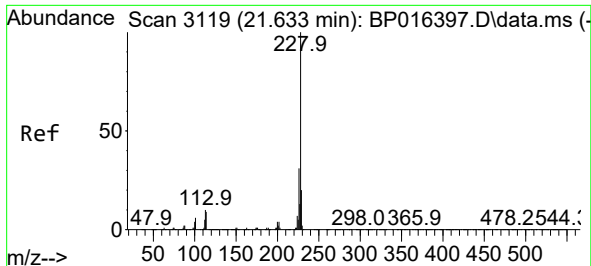
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

126 11.3 7.8 11.6

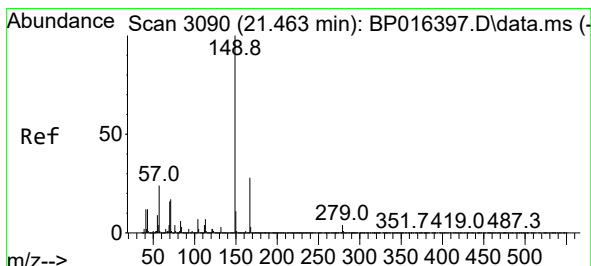
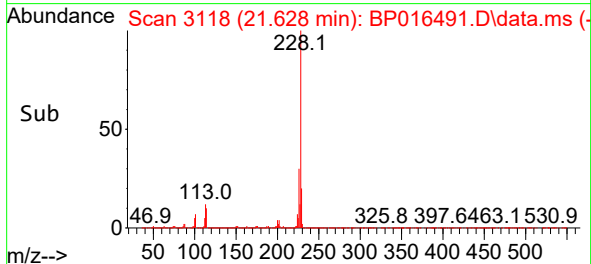
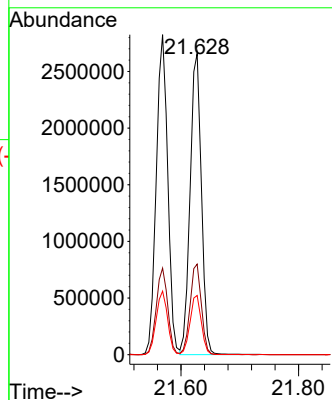
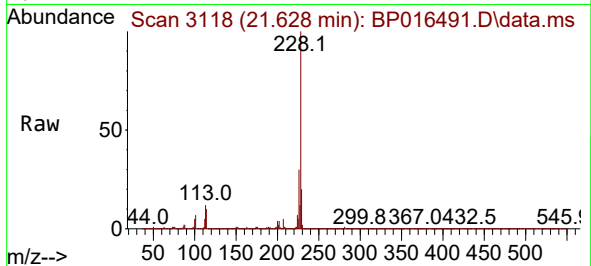




#83
Chrysene
Concen: 47.625 ng
RT: 21.628 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

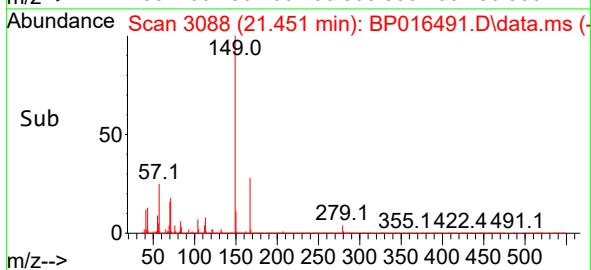
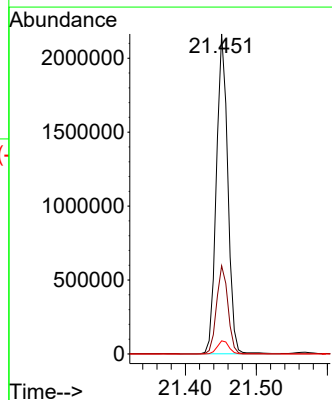
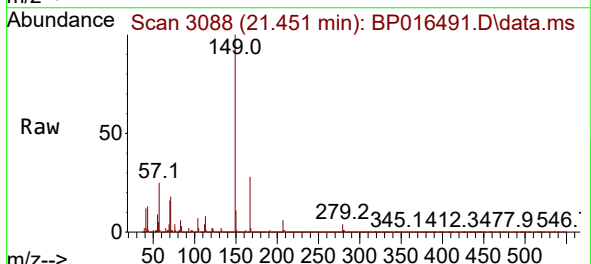
Instrument :
BNA_P
ClientSampleId :
PB154403BS

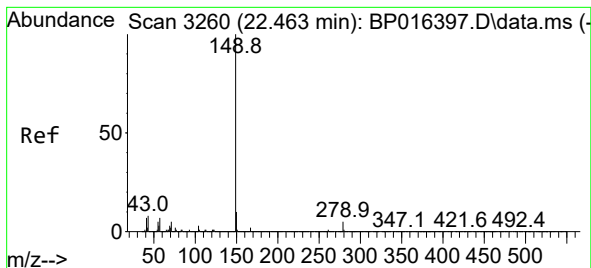
Tgt Ion:228 Resp: 3534697
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.482 ng
RT: 21.451 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:149 Resp: 2403760
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.976 ng

RT: 22.445 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

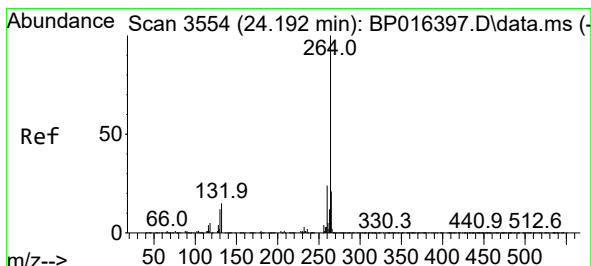
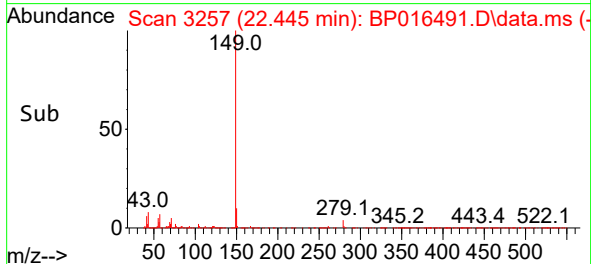
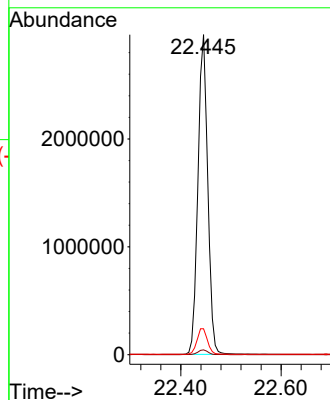
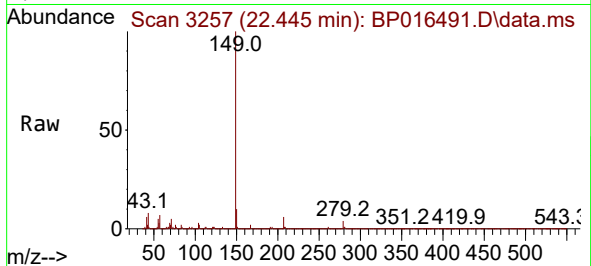
Tgt Ion:149 Resp: 4003774

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: BP016491.D

Acq: 03 Aug 2023 14:33

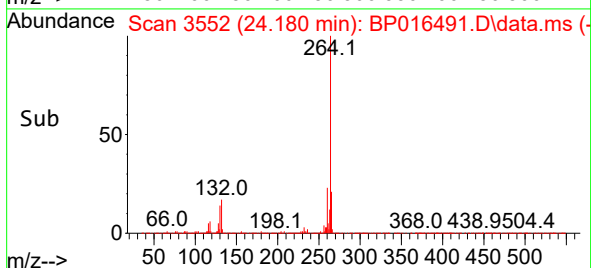
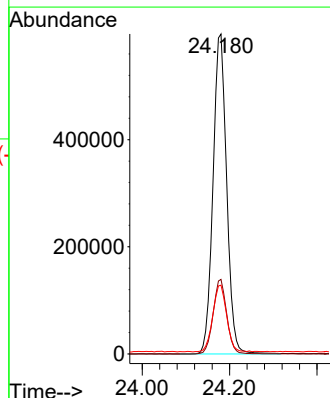
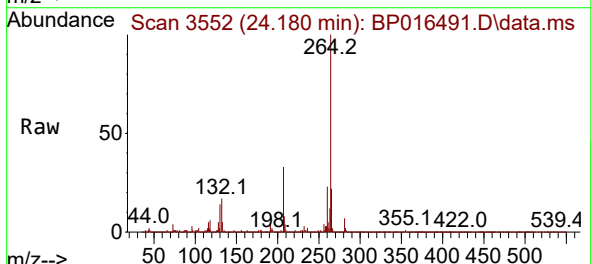
Tgt Ion:264 Resp: 1293698

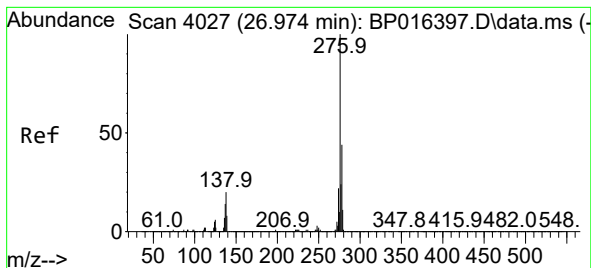
Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.437 ng

RT: 26.951 min Scan# 4023

Delta R.T. -0.023 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

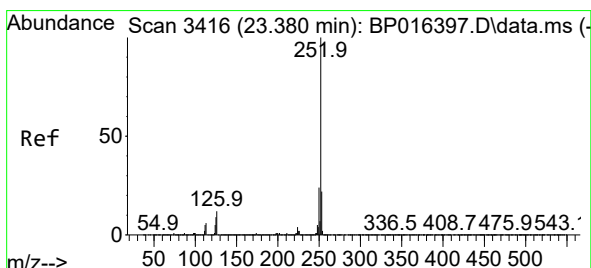
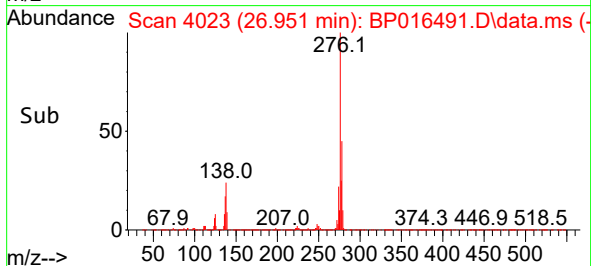
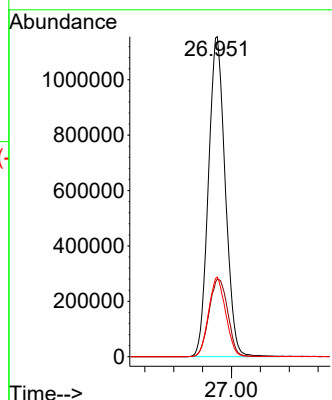
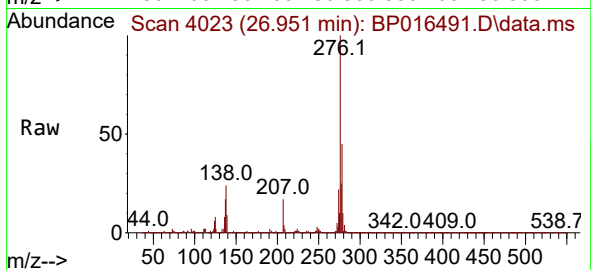
Tgt Ion:276 Resp: 4660749

Ion Ratio Lower Upper

276 100

138 27.0 18.4 27.6

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 51.036 ng

RT: 23.369 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

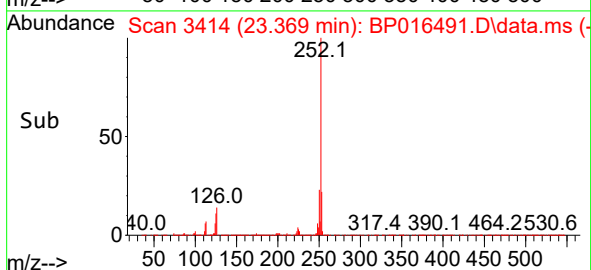
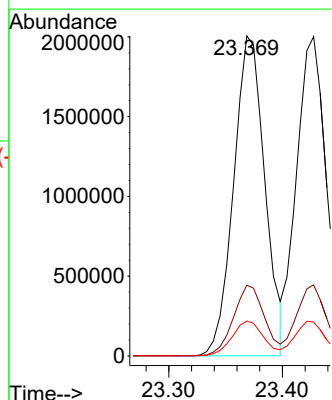
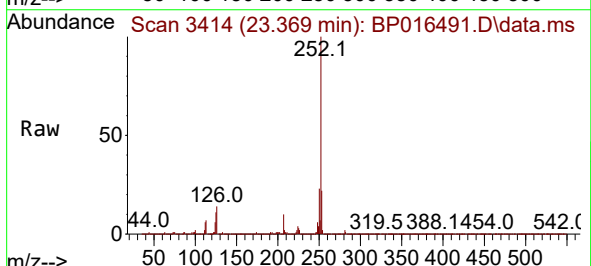
Tgt Ion:252 Resp: 3827284

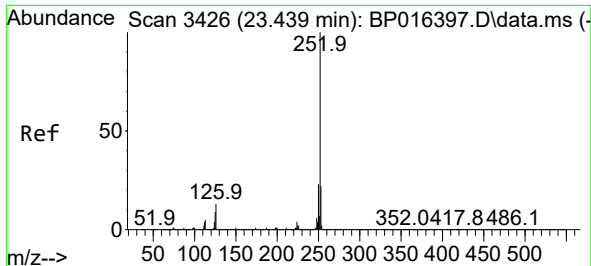
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.9 7.4 11.2

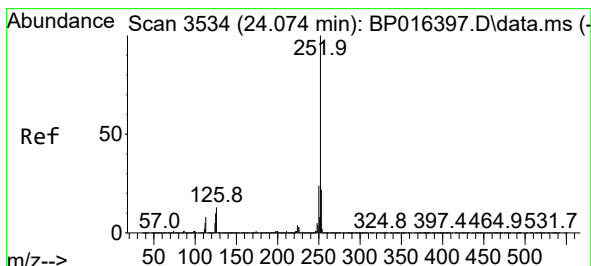
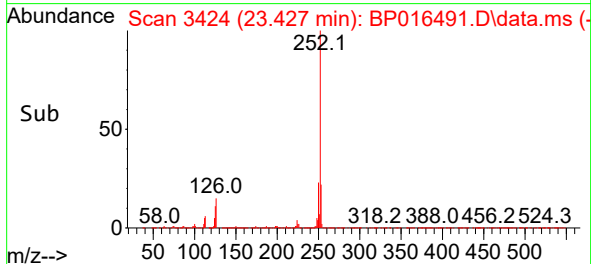
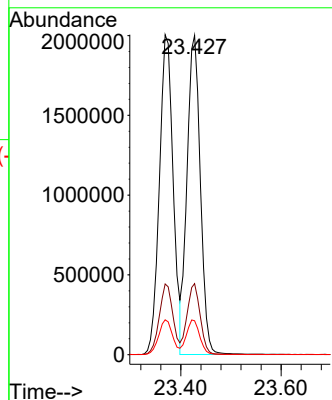
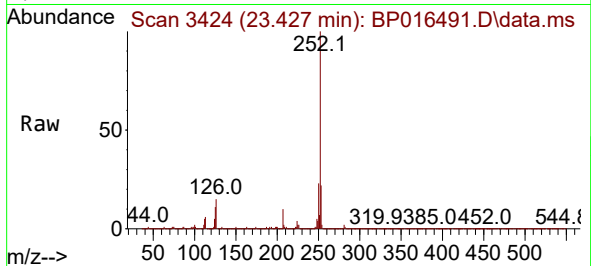




#89
Benzo(k)fluoranthene
Concen: 48.252 ng
RT: 23.427 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

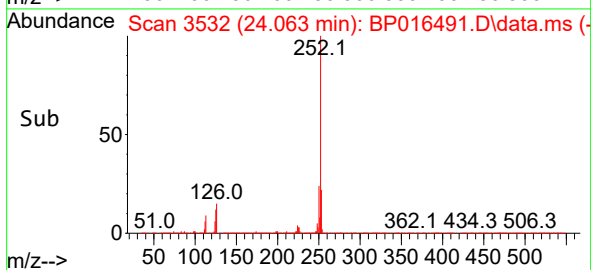
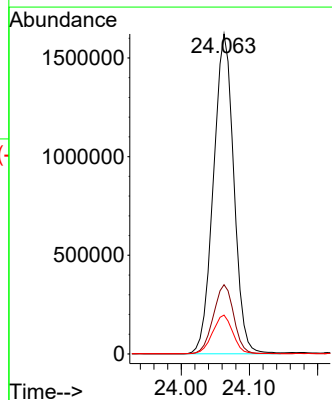
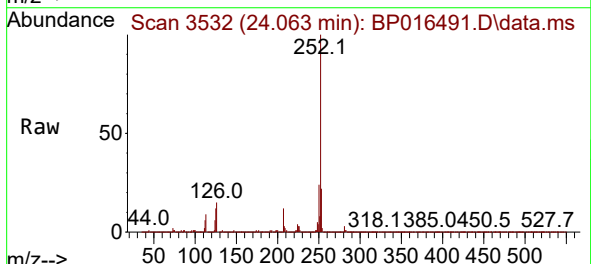
Instrument :
BNA_P
ClientSampleId :
PB154403BS

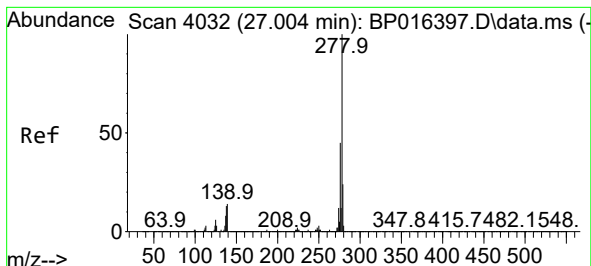
Tgt Ion:252 Resp: 3680068
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.6 7.1 10.7



#90
Benzo(a)pyrene
Concen: 46.461 ng
RT: 24.063 min Scan# 3532
Delta R.T. -0.012 min
Lab File: BP016491.D
Acq: 03 Aug 2023 14:33

Tgt Ion:252 Resp: 3374805
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 12.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 53.414 ng

RT: 26.980 min Scan# 4032

Delta R.T. -0.023 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Instrument :

BNA_P

ClientSampleId :

PB154403BS

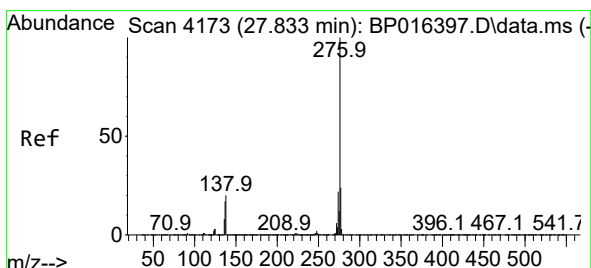
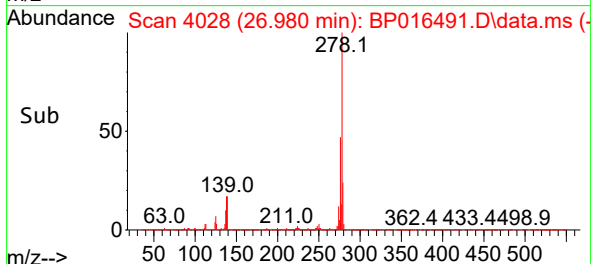
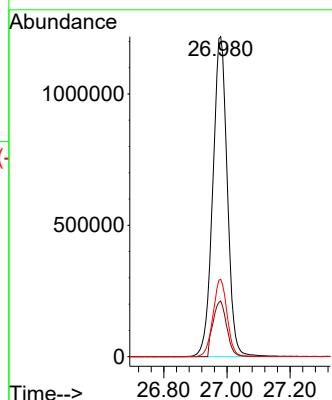
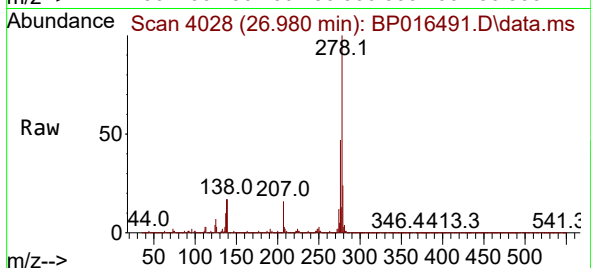
Tgt Ion:278 Resp: 3885146

Ion Ratio Lower Upper

278 100

139 17.4 11.6 17.4

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 54.699 ng

RT: 27.810 min Scan# 4169

Delta R.T. -0.023 min

Lab File: BP016491.D

Acq: 03 Aug 2023 14:33

Tgt Ion:276 Resp: 3834021

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 22.9 16.1 24.1

