

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
 Data File : BP016490.D
 Acq On : 03 Aug 2023 13:59
 Operator : MA/JU
 Sample : PB154564BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154372BS

Quant Time: Aug 03 14:30:13 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	378314	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1424854	20.000	ng	-0.02
39) Acenaphthene-d10	14.721	164	760582	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	1524659	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1317446	20.000	ng	0.00
86) Perylene-d12	24.174	264	1509682	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3201549	138.061	ng	-0.02
7) Phenol-d6	7.216	99	3912186	123.083	ng	-0.01
23) Nitrobenzene-d5	9.269	82	2323065	91.267	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1246626	111.413	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	4792684	90.340	ng	-0.02
79) Terphenyl-d14	20.033	244	6265145	100.457	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	415685	45.962	ng	99
3) Pyridine	3.857	79	1095044	40.506	ng	99
4) n-Nitrosodimethylamine	3.781	42	461529	45.279	ng	99
6) Aniline	7.404	93	1207921	30.767	ng	100
8) 2-Chlorophenol	7.622	128	1191881	49.020	ng	96
9) Benzaldehyde	7.222	77	655546	46.246	ng	99
10) Phenol	7.240	94	1498083	48.533	ng	99
11) bis(2-Chloroethyl)ether	7.498	93	1186010	47.268	ng	98
12) 1,3-Dichlorobenzene	7.951	146	1318019	50.496	ng	98
13) 1,4-Dichlorobenzene	8.110	146	1342321	50.697	ng	100
14) 1,2-Dichlorobenzene	8.422	146	1267975	49.738	ng	99
15) Benzyl Alcohol	8.322	79	993819	45.766	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.604	45	1344000	47.231	ng	99
17) 2-Methylphenol	8.504	107	972445	43.714	ng	99
18) Hexachloroethane	9.145	117	485133	51.368	ng	94
19) n-Nitroso-di-n-propyla...	8.892	70	824187	41.390	ng	98
20) 3+4-Methylphenols	8.839	107	1291914	42.761	ng	100
22) Acetophenone	8.916	105	1713995	47.644	ng	# 100
24) Nitrobenzene	9.310	77	1261025	48.235	ng	98
25) Isophorone	9.828	82	2244309	43.673	ng	99
26) 2-Nitrophenol	10.016	139	565576	50.051	ng	98
27) 2,4-Dimethylphenol	10.051	122	1019873	44.361	ng	99
28) bis(2-Chloroethoxy)met...	10.316	93	1466098	46.576	ng	99
29) 2,4-Dichlorophenol	10.539	162	1019494	47.384	ng	99
30) 1,2,4-Trichlorobenzene	10.751	180	1120862	48.097	ng	99
31) Naphthalene	10.957	128	3442026	46.183	ng	99
32) Benzoic acid	10.175	122	666909	44.710	ng	98
33) 4-Chloroaniline	11.080	127	676045	20.109	ng	100
34) Hexachlorobutadiene	11.192	225	634825	46.011	ng	99
35) Caprolactam	11.898	113	319021	40.578	ng	99
36) 4-Chloro-3-methylphenol	12.169	107	1071885	44.818	ng	97
37) 2-Methylnaphthalene	12.551	142	2266282	41.857	ng	100
38) 1-Methylnaphthalene	12.775	142	2159270	42.538	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1135128	49.111	ng	99
41) Hexachlorocyclopentadiene	12.857	237	1417437	122.104	ng	99
43) 2,4,6-Trichlorophenol	13.151	196	760828	51.302	ng	99

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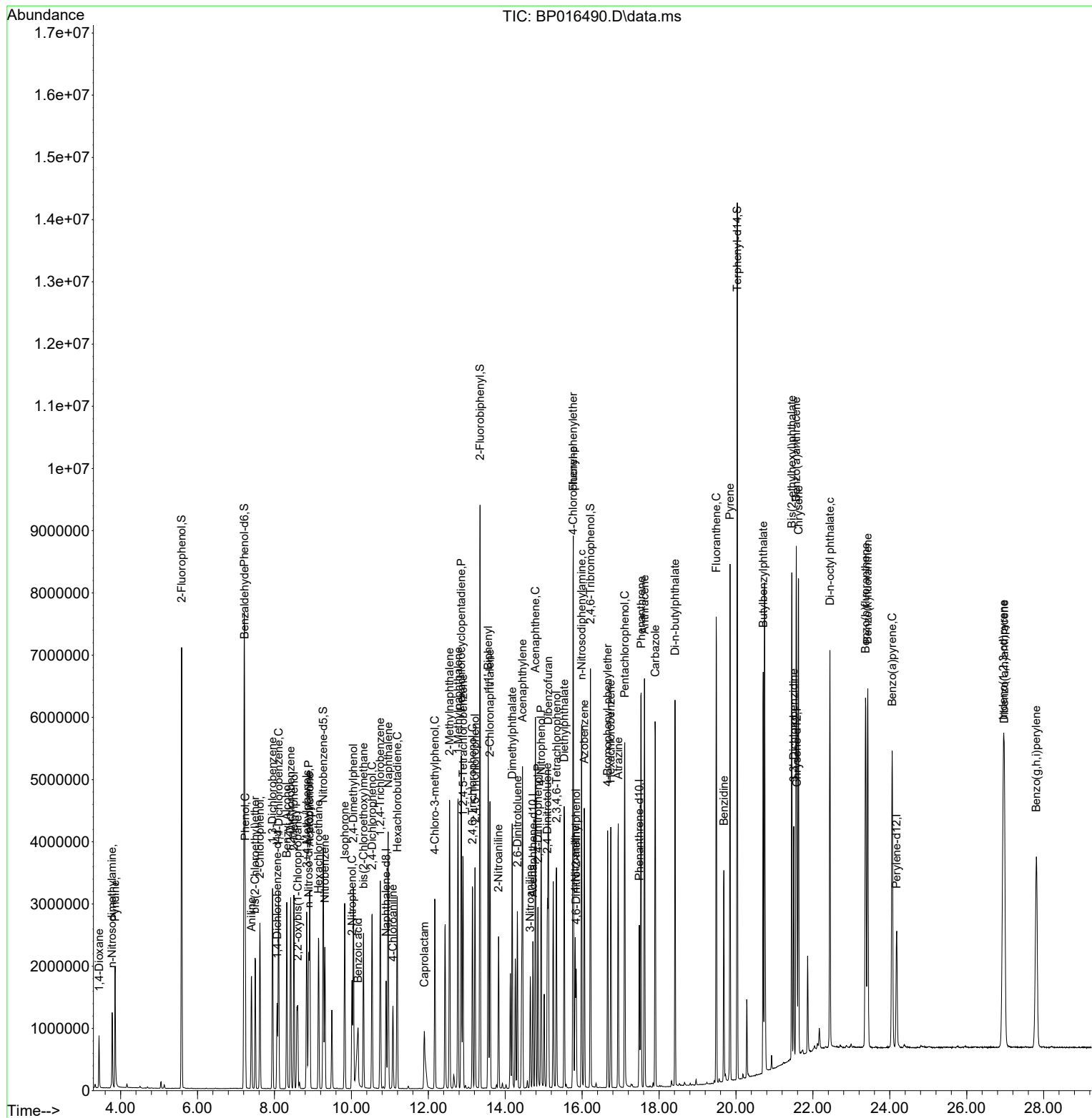
Instrument :
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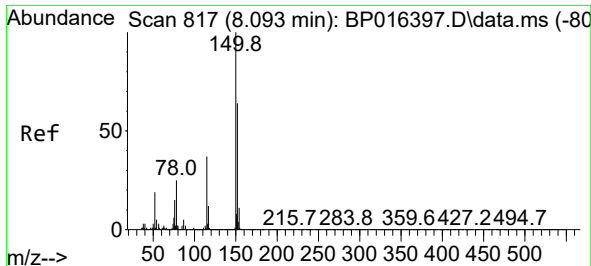
Quant Time: Aug 03 14:30:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	829181	46.084	ng	97
46) 1,1'-Biphenyl	13.557	154	2849332	49.145	ng	99
47) 2-Chloronaphthalene	13.604	162	2198013	50.251	ng	99
48) 2-Nitroaniline	13.827	65	620337	50.313	ng	98
49) Acenaphthylene	14.451	152	3561448	49.073	ng	99
50) Dimethylphthalate	14.180	163	2635608	44.468	ng	99
51) 2,6-Dinitrotoluene	14.316	165	579695	47.743	ng	94
52) Acenaphthene	14.786	154	2031051	47.062	ng	99
53) 3-Nitroaniline	14.651	138	432526	31.508	ng	88
54) 2,4-Dinitrophenol	14.851	184	575829	99.235	ng	98
55) Dibenzofuran	15.121	168	3243369	45.823	ng	100
56) 4-Nitrophenol	14.933	139	1088987	101.342	ng	97
57) 2,4-Dinitrotoluene	15.098	165	771742	48.769	ng	98
58) Fluorene	15.768	166	2526785	45.440	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.333	232	677081	45.746	ng	93
60) Diethylphthalate	15.533	149	2582577	43.846	ng	99
61) 4-Chlorophenyl-phenyle...	15.763	204	1229478	43.815	ng	97
62) 4-Nitroaniline	15.821	138	587255	43.107	ng	96
63) Azobenzene	16.057	77	2567294	46.161	ng	96
65) 4,6-Dinitro-2-methylph...	15.845	198	373017	51.692	ng	95
66) n-Nitrosodiphenylamine	15.986	169	2214307	49.280	ng	100
67) 4-Bromophenyl-phenylether	16.663	248	743312	46.042	ng	93
68) Hexachlorobenzene	16.745	284	860676	47.806	ng	95
69) Atrazine	16.939	200	748549	56.017	ng	99
70) Pentachlorophenol	17.110	266	986925	79.214	ng	94
71) Phenanthrene	17.533	178	3894045	48.099	ng	100
72) Anthracene	17.621	178	3892679	47.818	ng	100
73) Carbazole	17.898	167	3656047	47.902	ng	99
74) Di-n-butylphthalate	18.415	149	4271953	48.380	ng	99
75) Fluoranthene	19.486	202	4303693	45.354	ng	98
77) Benzidine	19.686	184	1769026	77.448	ng	99
78) Pyrene	19.845	202	4512498	51.095	ng	99
80) Butylbenzylphthalate	20.709	149	1880327	54.195	ng	98
81) Benzo(a)anthracene	21.568	228	4315266	48.818	ng	99
82) 3,3'-Dichlorobenzidine	21.503	252	1063314	36.645	ng	99
83) Chrysene	21.627	228	3952710	46.828	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2758165	52.950	ng	99
85) Di-n-octyl phthalate	22.445	149	4729308	53.983	ng	99
87) Indeno(1,2,3-cd)pyrene	26.950	276	5312269	52.193	ng	96
88) Benzo(b)fluoranthene	23.368	252	4443547	50.777	ng	98
89) Benzo(k)fluoranthene	23.427	252	4288014	48.180	ng	# 98
90) Benzo(a)pyrene	24.062	252	3958194	46.697	ng	98
91) Dibenzo(a,h)anthracene	26.980	278	4455160	52.488	ng	98
92) Benzo(g,h,i)perylene	27.809	276	4316967	52.778	ng	96

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

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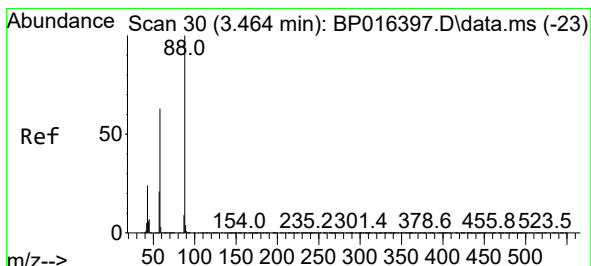
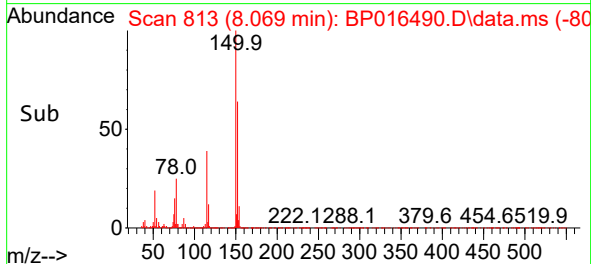
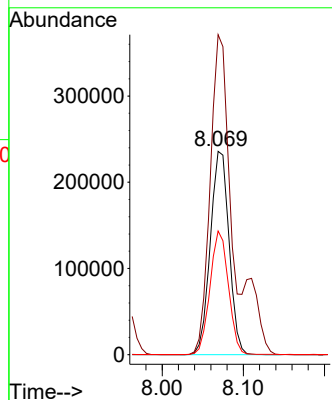
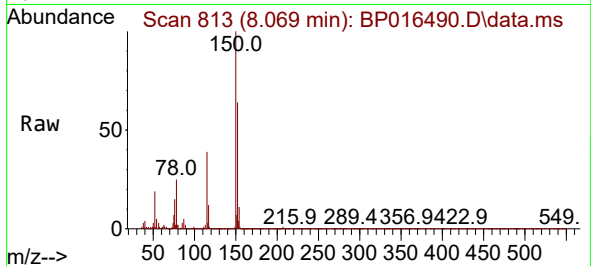




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

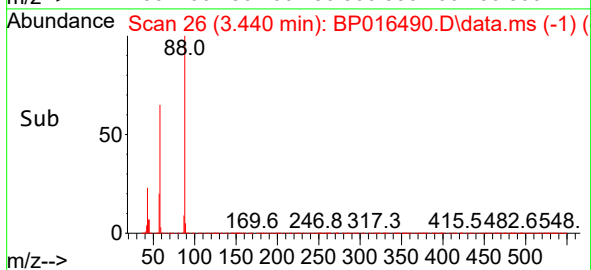
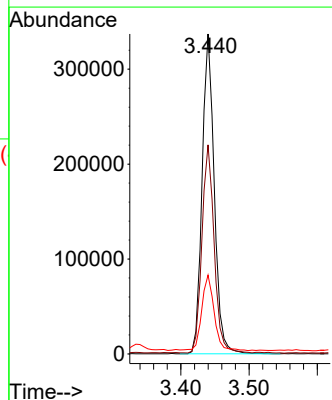
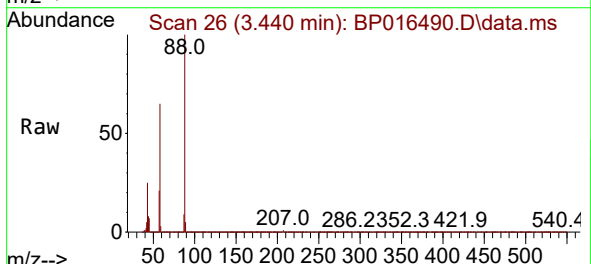
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PB154372BS

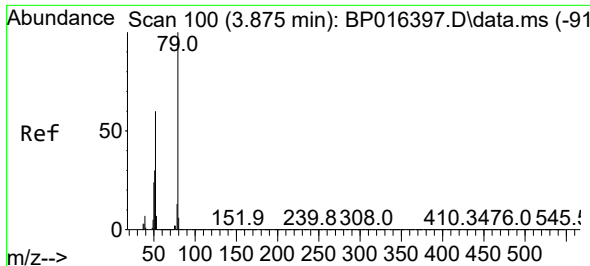
Tgt Ion:152 Resp: 378314
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 60.8 46.8 70.2



#2
1,4-Dioxane
Concen: 45.962 ng
RT: 3.440 min Scan# 26
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 88 Resp: 415685
Ion Ratio Lower Upper
88 100
58 65.6 51.7 77.5
43 24.0 19.2 28.8

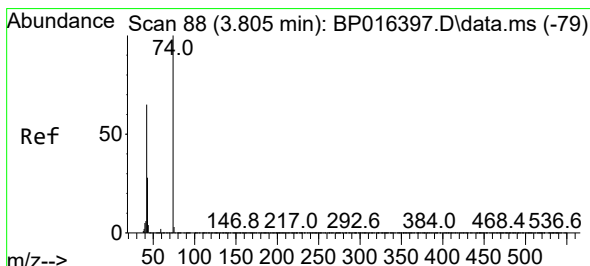
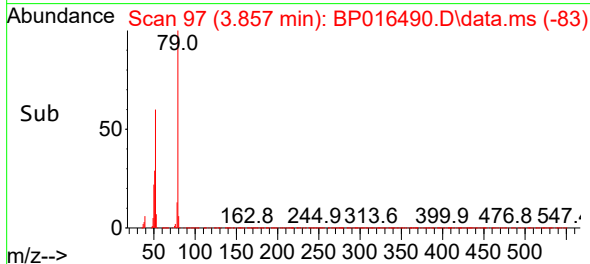
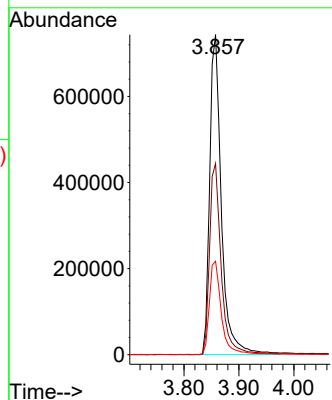
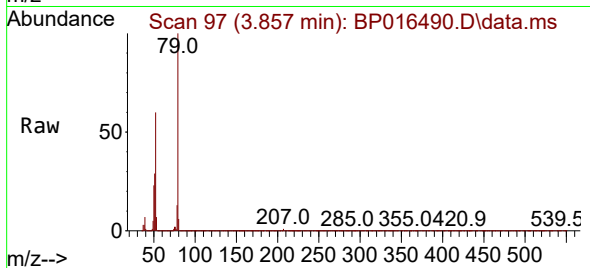




#3
Pyridine
Concen: 40.506 ng
RT: 3.857 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

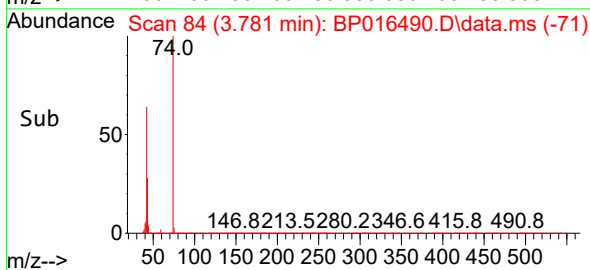
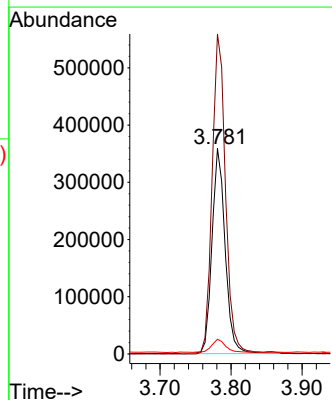
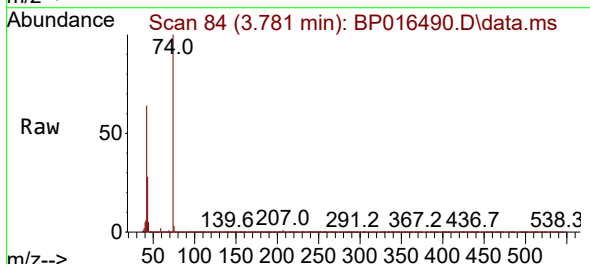
Instrument :
BNA_P
ClientSampleId :
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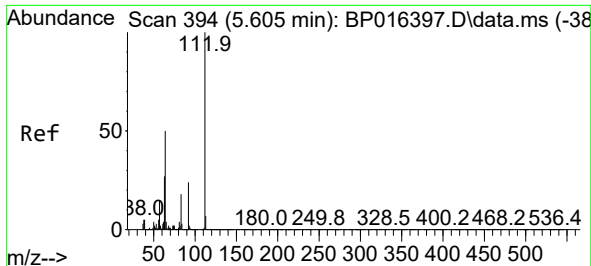
Tgt Ion: 79 Resp: 1095044
Ion Ratio Lower Upper
79 100
52 59.7 47.9 71.9
51 29.2 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 45.279 ng
RT: 3.781 min Scan# 84
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 42 Resp: 461529
Ion Ratio Lower Upper
42 100
74 155.8 123.8 185.8
44 7.2 5.5 8.3

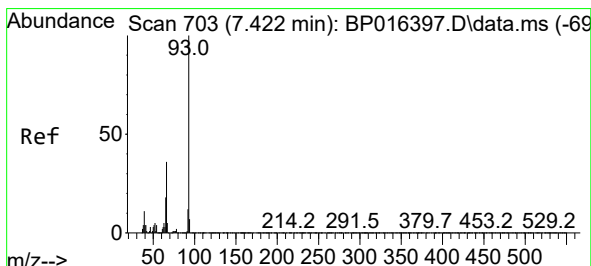
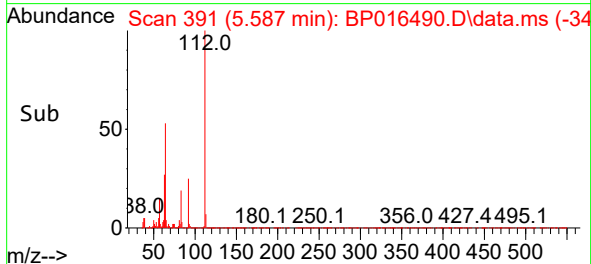
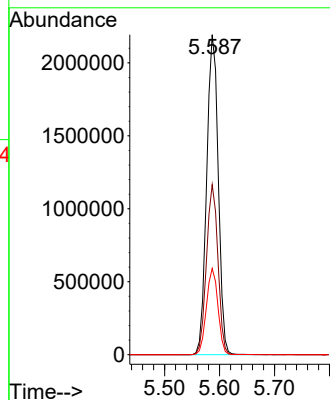
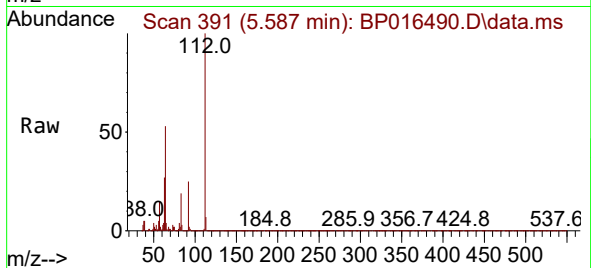




#5
2-Fluorophenol
Concen: 138.061 ng
RT: 5.587 min Scan# 394
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

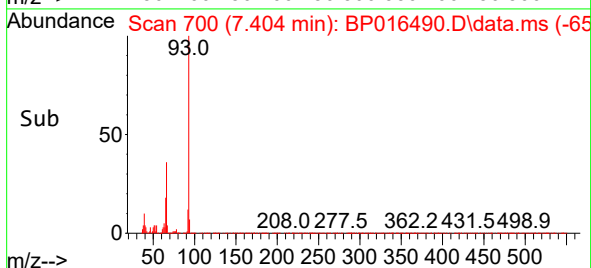
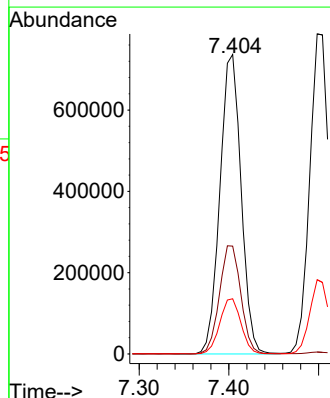
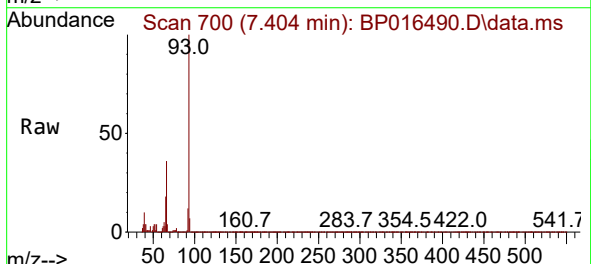
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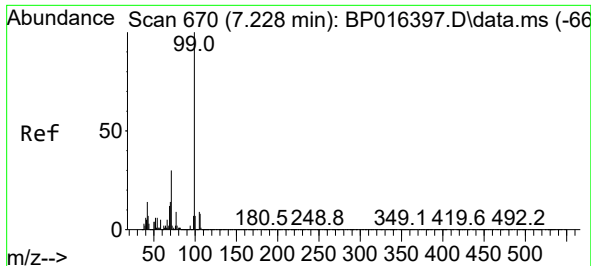
Tgt Ion:112 Resp: 3201549
Ion Ratio Lower Upper
112 100
64 53.1 40.0 60.0
63 26.9 21.2 31.8



#6
Aniline
Concen: 30.767 ng
RT: 7.404 min Scan# 700
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 93 Resp: 1207921
Ion Ratio Lower Upper
93 100
66 36.0 28.9 43.3
65 18.4 14.7 22.1

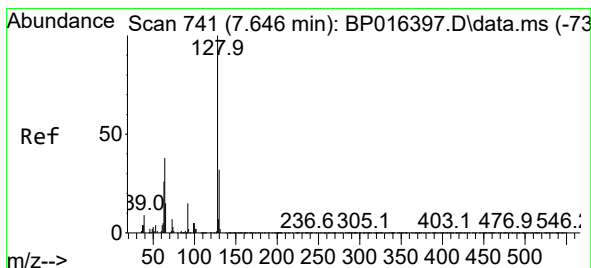
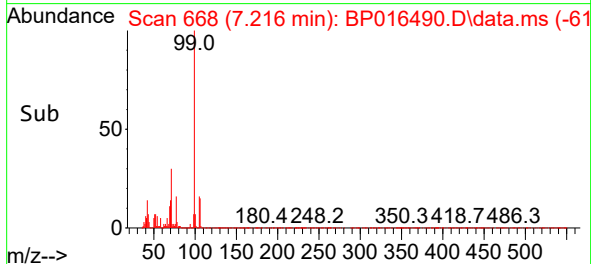
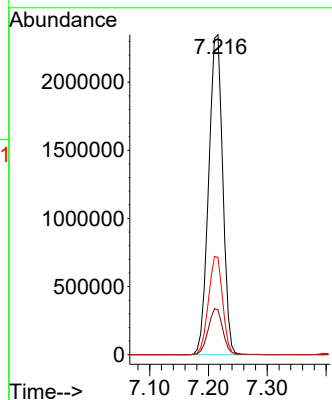
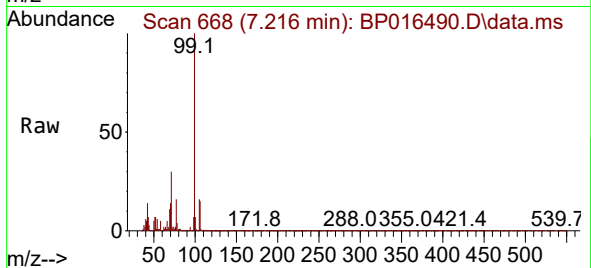




#7
Phenol-d6
Concen: 123.083 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

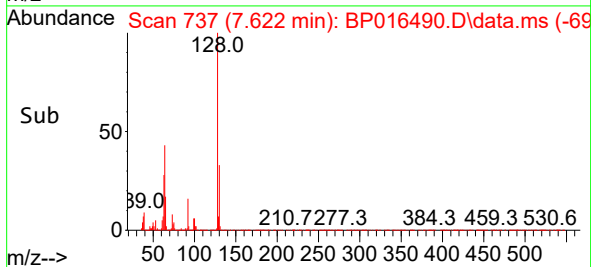
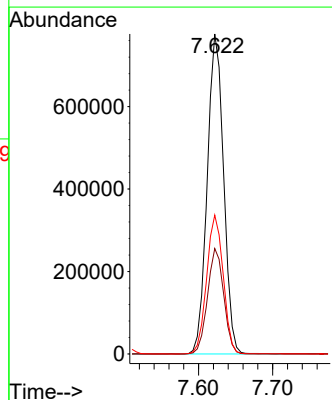
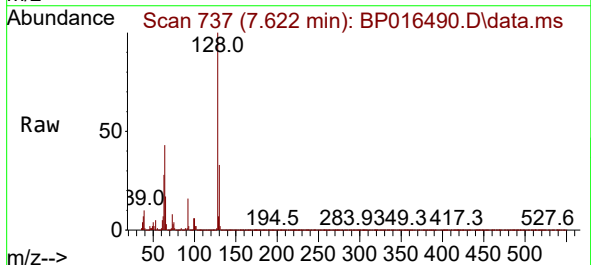
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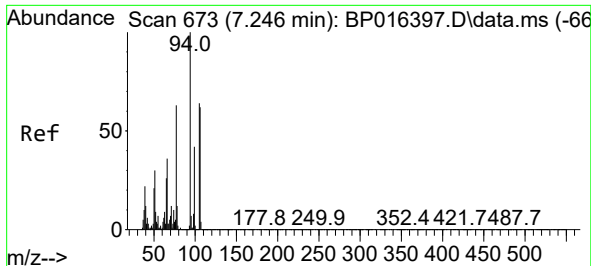
Tgt Ion: 99 Resp: 3912186
Ion Ratio Lower Upper
99 100
42 14.1 11.6 17.4
71 30.4 24.3 36.5



#8
2-Chlorophenol
Concen: 49.020 ng
RT: 7.622 min Scan# 737
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:128 Resp: 1191881
Ion Ratio Lower Upper
128 100
130 33.0 11.6 51.6
64 43.4 20.6 60.6

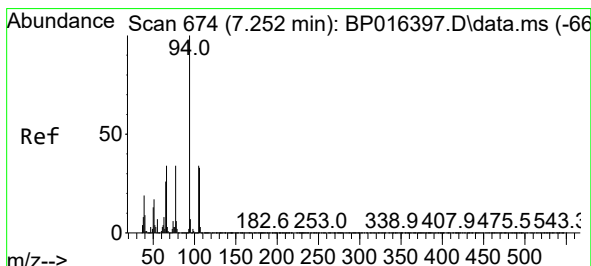
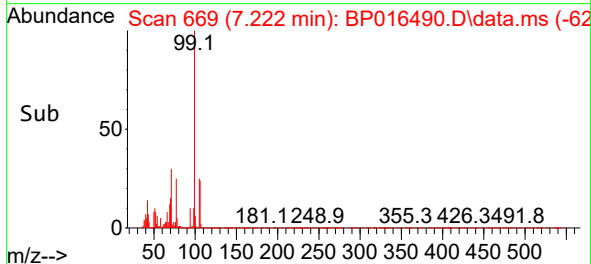
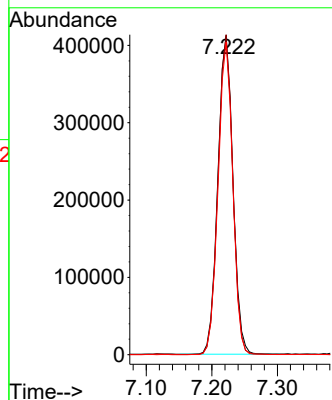
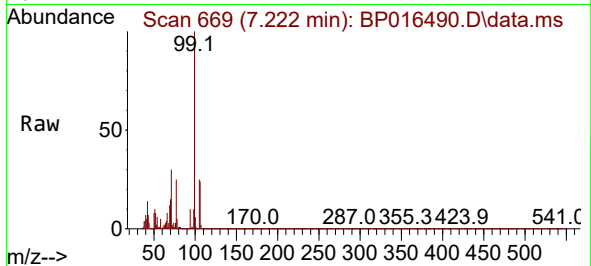




#9
Benzaldehyde
Concen: 46.246 ng
RT: 7.222 min Scan# 610
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

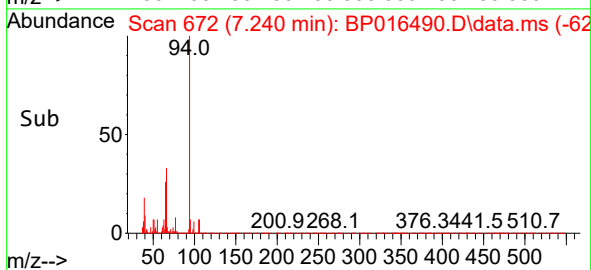
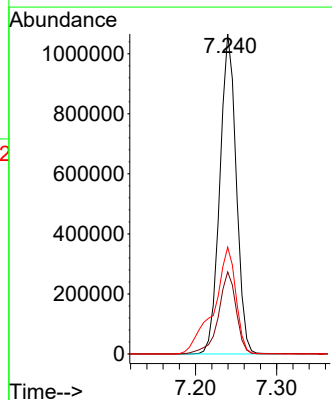
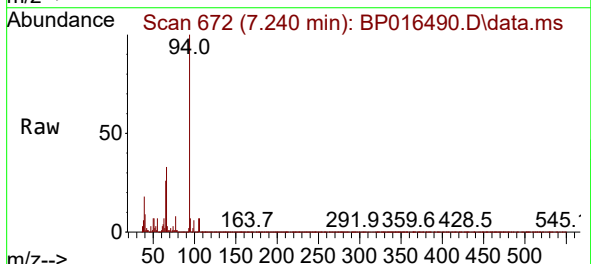
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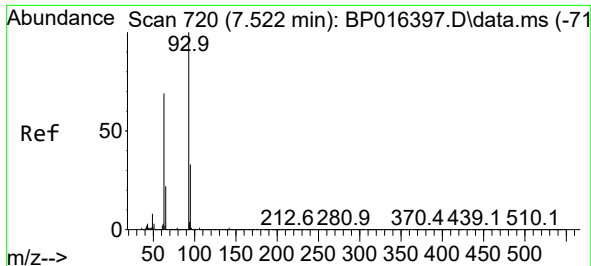
Tgt Ion: 77 Resp: 655546
Ion Ratio Lower Upper
77 100
105 100.6 81.9 121.9
106 98.3 78.8 118.8



#10
Phenol
Concen: 48.533 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 94 Resp: 1498083
Ion Ratio Lower Upper
94 100
65 25.7 5.9 45.9
66 33.4 14.3 54.3

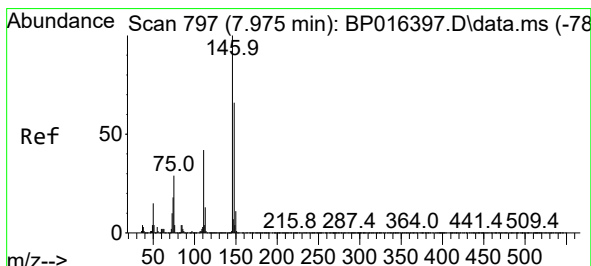
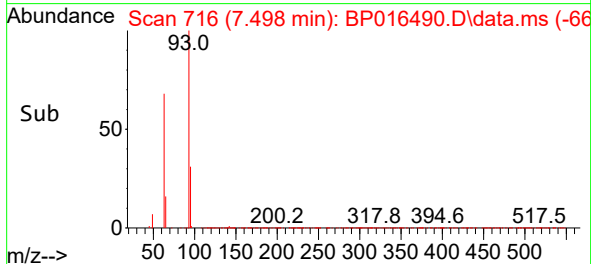
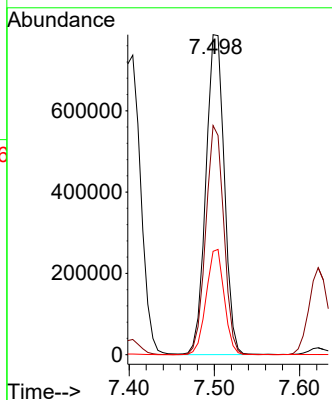
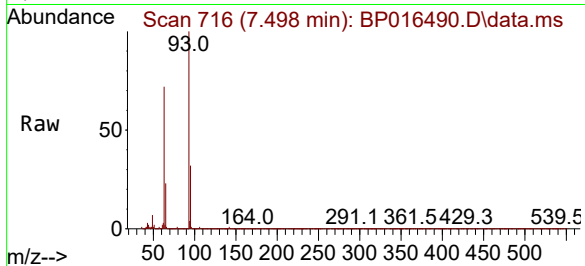




#11
bis(2-Chloroethyl)ether
Concen: 47.268 ng
RT: 7.498 min Scan# 716
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

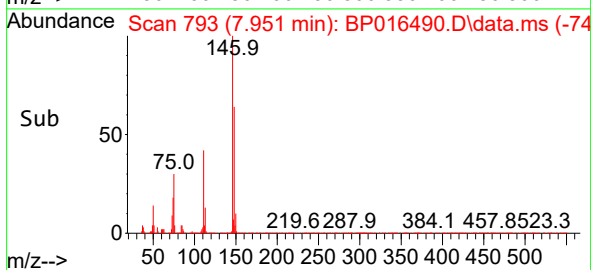
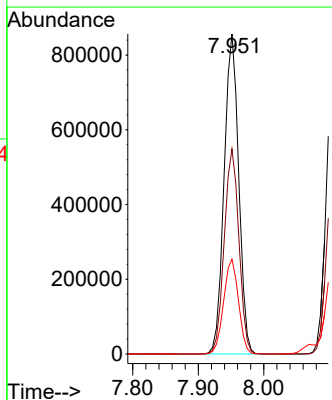
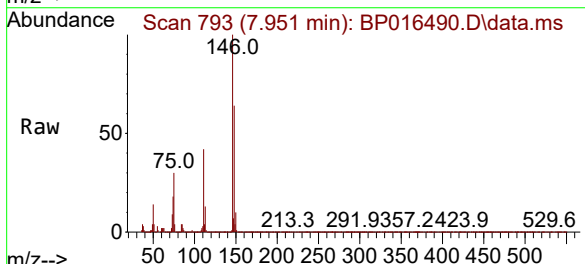
Instrument :
BNA_P
ClientSampleId :
PB154372BS

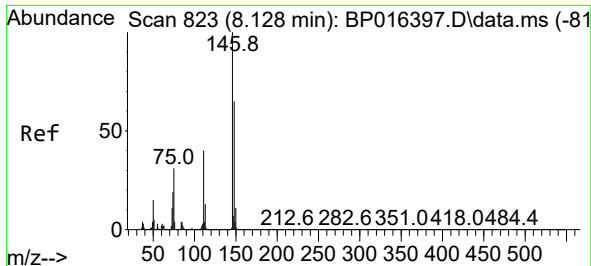
Tgt Ion: 93 Resp: 1186010
Ion Ratio Lower Upper
93 100
63 71.6 49.4 89.4
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.496 ng
RT: 7.951 min Scan# 793
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 146 Resp: 1318019
Ion Ratio Lower Upper
146 100
148 64.1 53.0 79.4
75 29.6 23.4 35.2

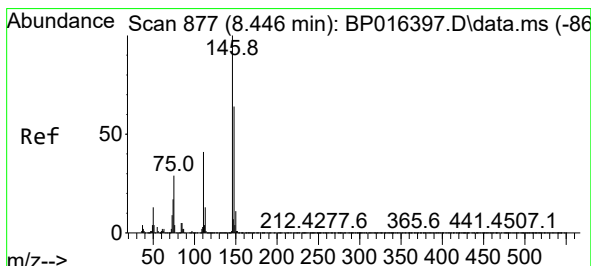
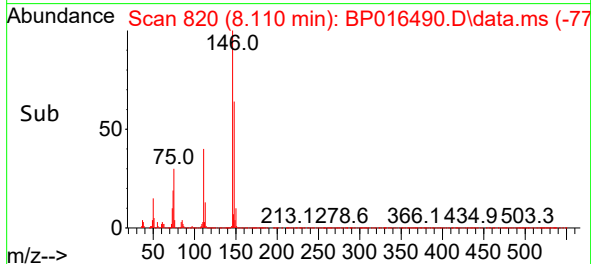
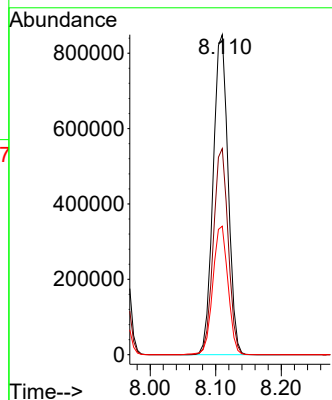
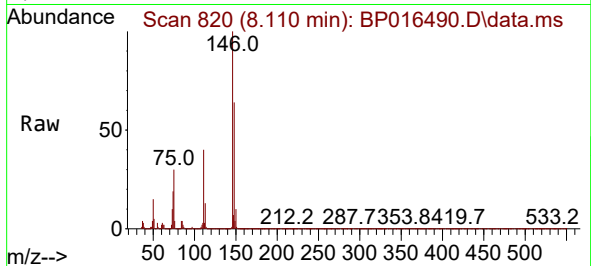




#13
1,4-Dichlorobenzene
Concen: 50.697 ng
RT: 8.110 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

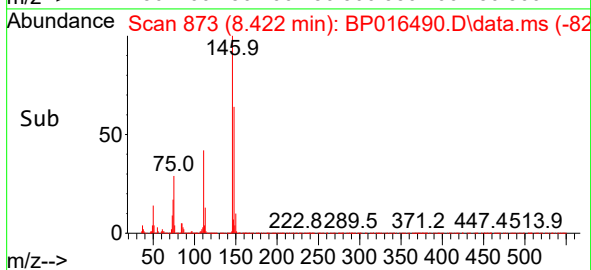
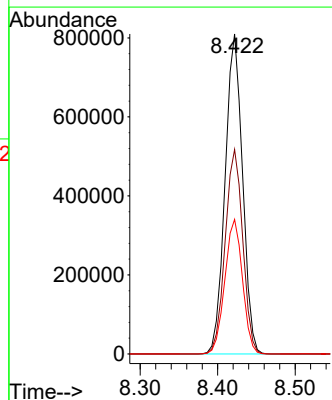
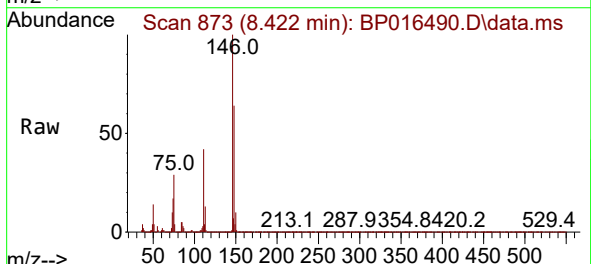
Instrument :
BNA_P
ClientSampleId :
PB154372BS

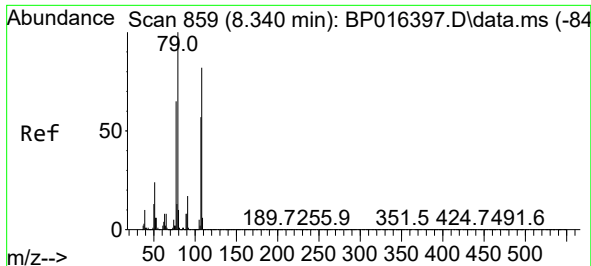
Tgt Ion:146 Resp: 1342321
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
111 40.2 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 49.738 ng
RT: 8.422 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:146 Resp: 1267975
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 42.0 32.6 49.0

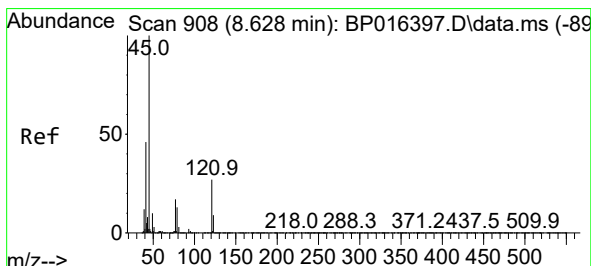
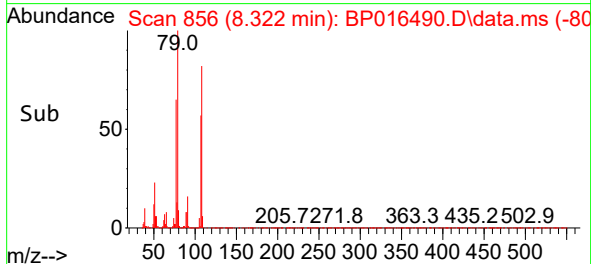
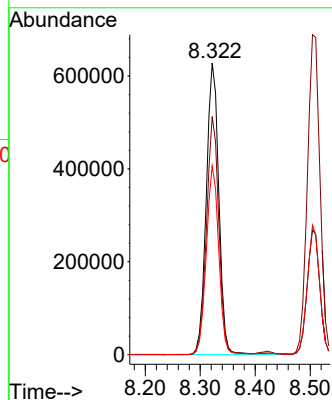
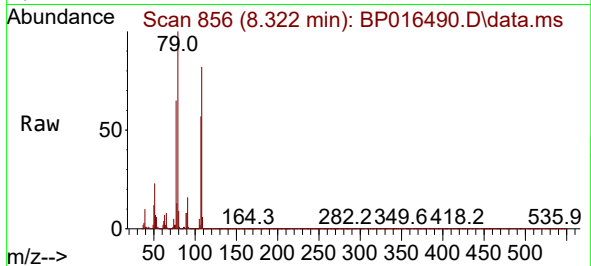




#15
Benzyl Alcohol
Concen: 45.766 ng
RT: 8.322 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

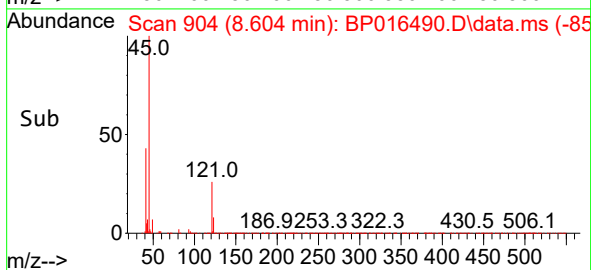
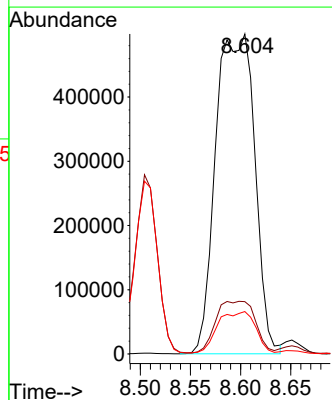
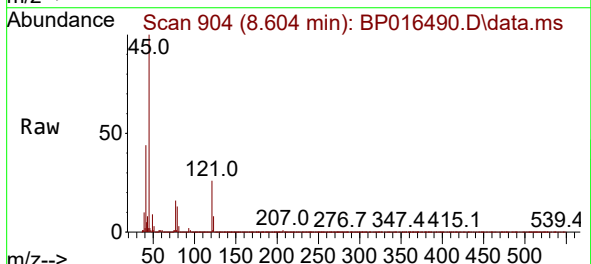
Instrument :
BNA_P
ClientSampleId :
PB154372BS

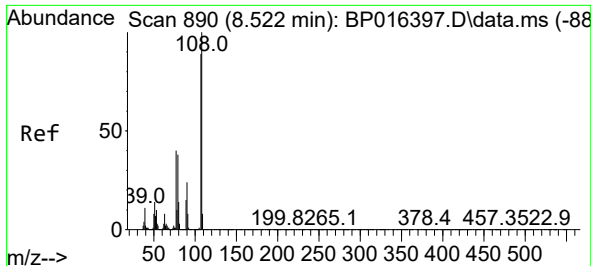
Tgt Ion: 79 Resp: 993819
Ion Ratio Lower Upper
79 100
108 81.7 65.4 98.2
77 64.7 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.231 ng
RT: 8.604 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 45 Resp: 1344000
Ion Ratio Lower Upper
45 100
77 16.4 0.0 37.3
79 13.2 0.0 33.3

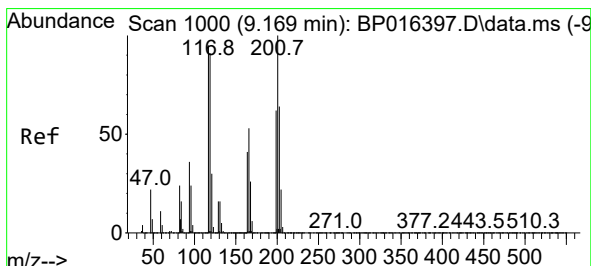
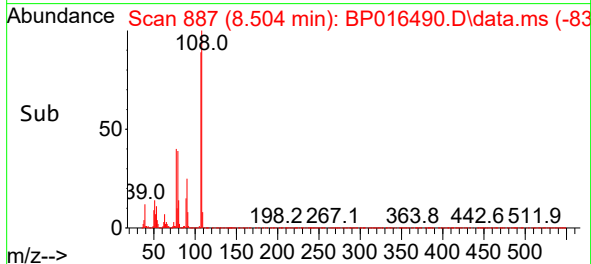
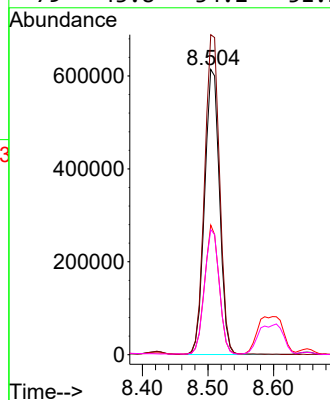
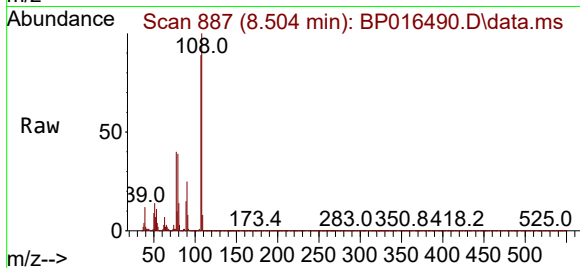




#17
2-Methylphenol
Concen: 43.714 ng
RT: 8.504 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

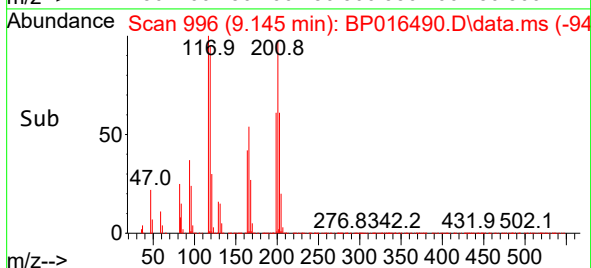
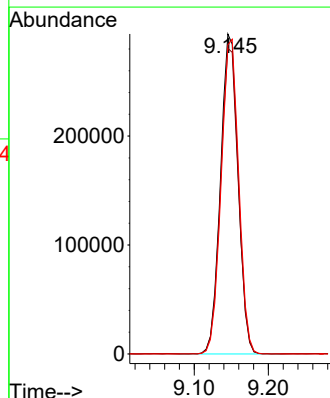
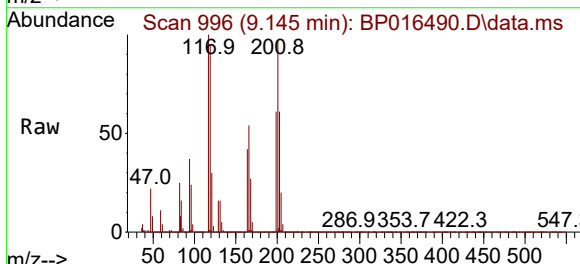
Instrument :
BNA_P
ClientSampleId :
PB154372BS

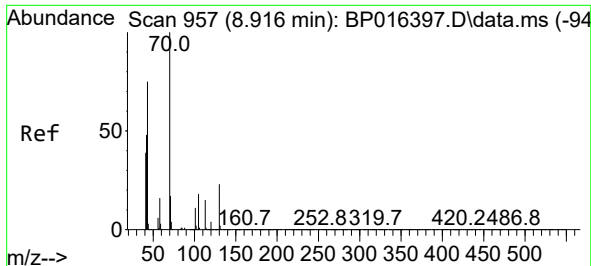
Tgt Ion:	107	Resp:	972445
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.6	134.4
77	45.4	35.6	53.4
79	43.8	34.2	51.2



#18
Hexachloroethane
Concen: 51.368 ng
RT: 9.145 min Scan# 996
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:	117	Resp:	485133
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
201	96.5	86.2	129.4

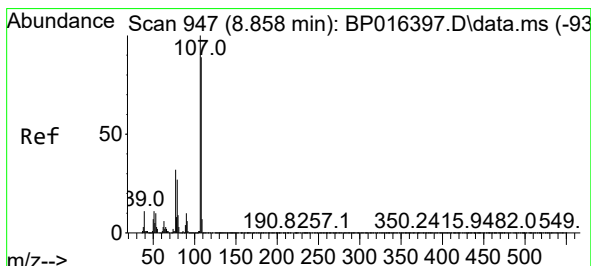
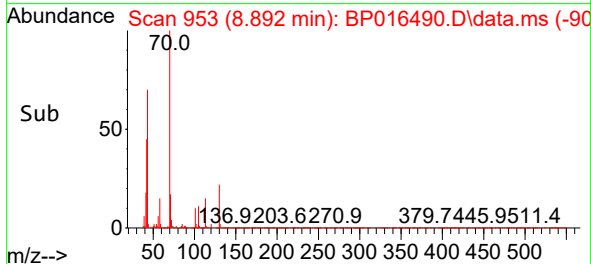
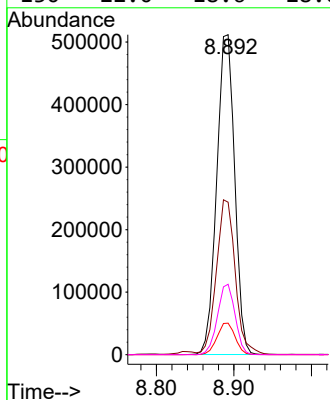
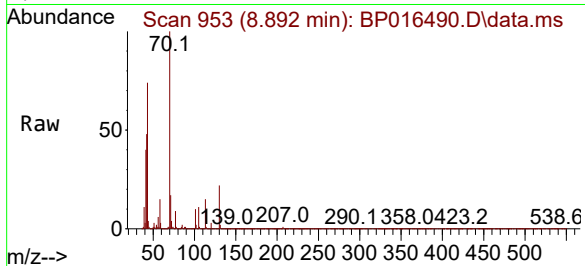




#19
n-Nitroso-di-n-propylamine
Concen: 41.390 ng
RT: 8.892 min Scan# 91
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

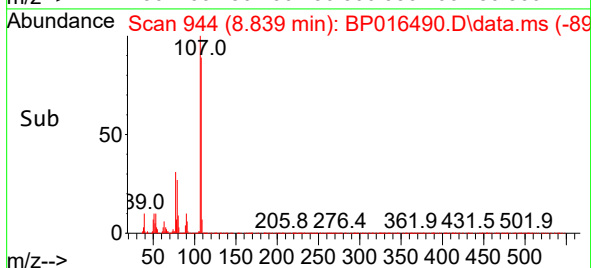
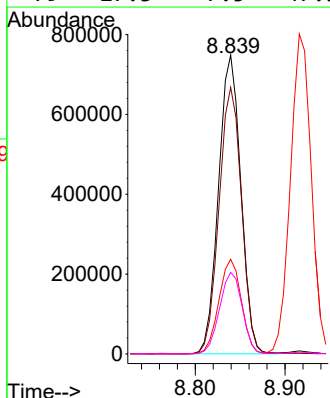
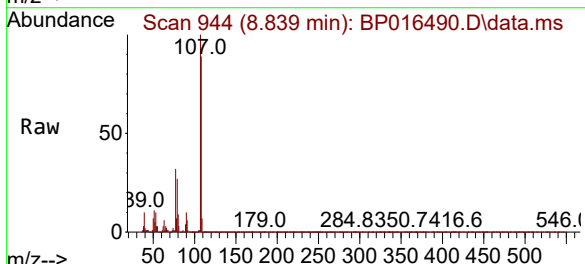
Instrument :
BNA_P
ClientSampleId :
PB154372BS

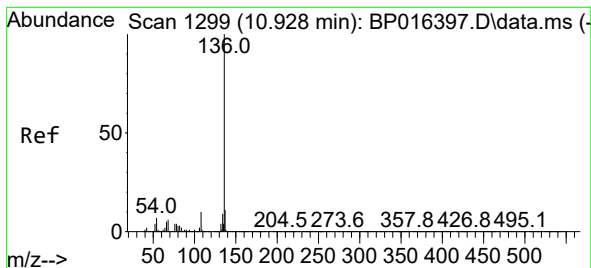
Tgt Ion: 70 Resp: 824187
Ion Ratio Lower Upper
70 100
42 47.7 39.3 58.9
101 9.8 8.6 12.8
130 22.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 42.761 ng
RT: 8.839 min Scan# 944
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 107 Resp: 1291914
Ion Ratio Lower Upper
107 100
108 89.2 69.1 109.1
77 31.7 12.0 52.0
79 27.3 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.904 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

Tgt Ion:136 Resp: 1424854

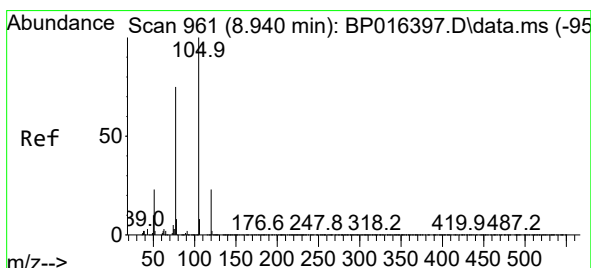
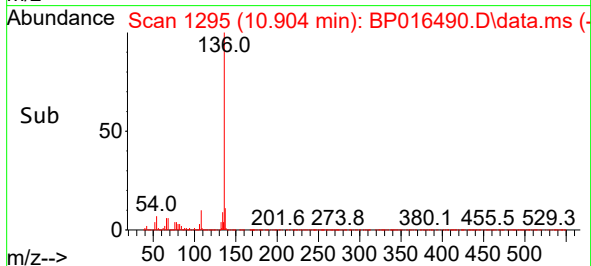
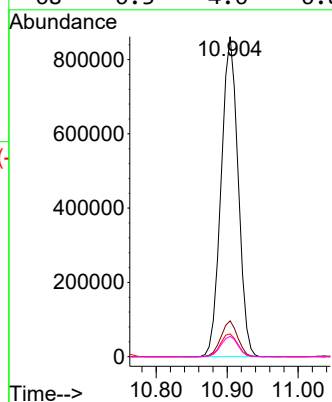
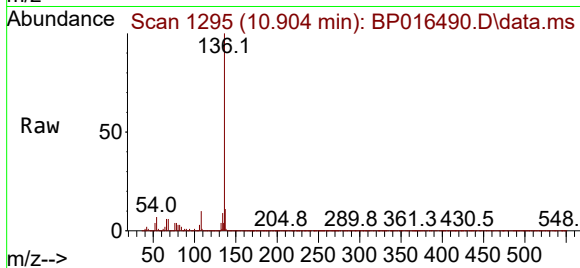
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.1 5.6 8.4

68 6.3 4.6 6.8



#22

Acetophenone

Concen: 47.644 ng

RT: 8.916 min Scan# 957

Delta R.T. -0.024 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Tgt Ion:105 Resp: 1713995

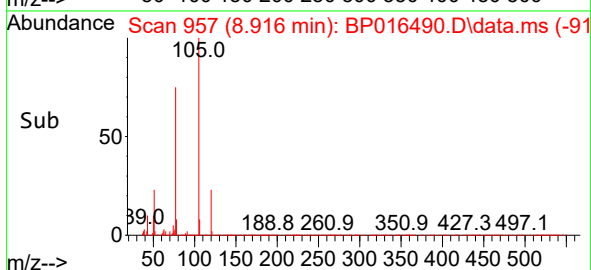
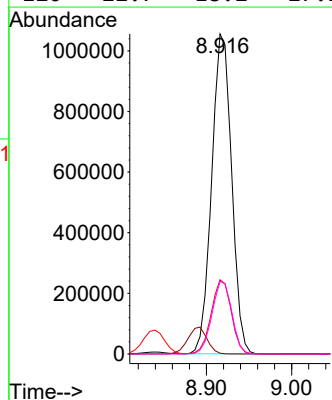
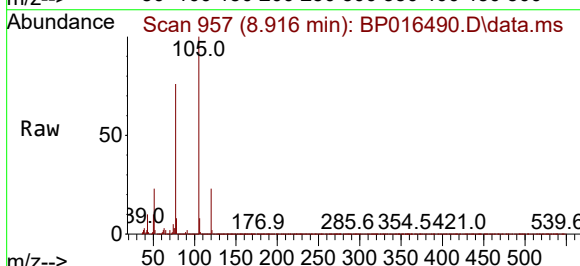
Ion Ratio Lower Upper

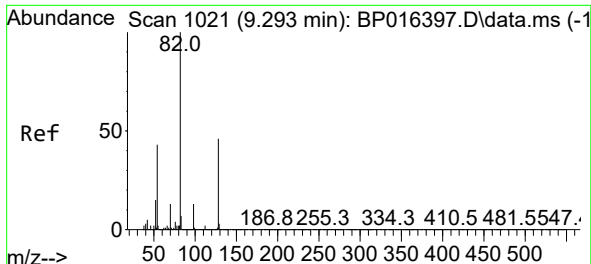
105 100

71 0.3 0.2 0.2#

51 23.2 18.3 27.5

120 22.7 18.2 27.2

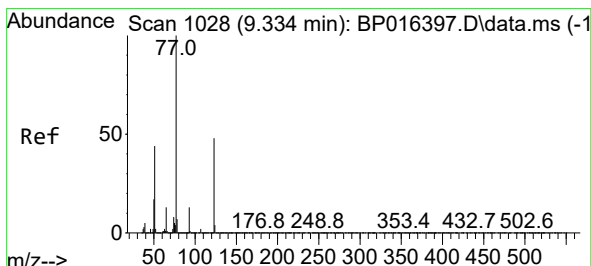
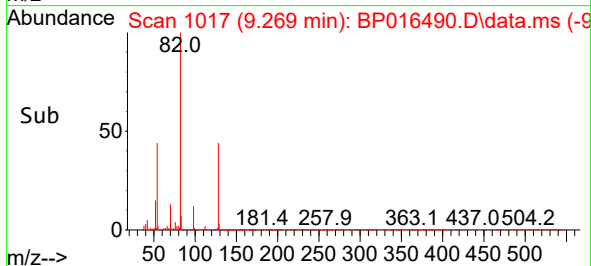
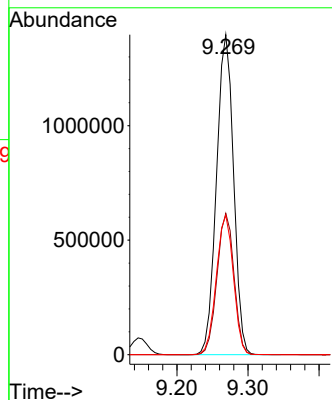
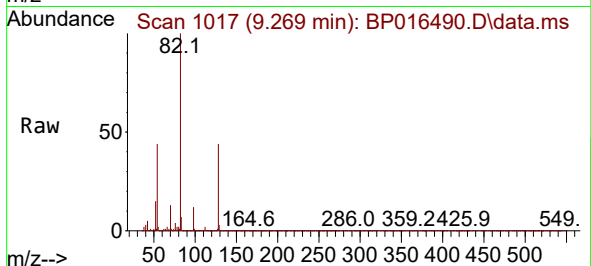




#23
Nitrobenzene-d5
Concen: 91.267 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

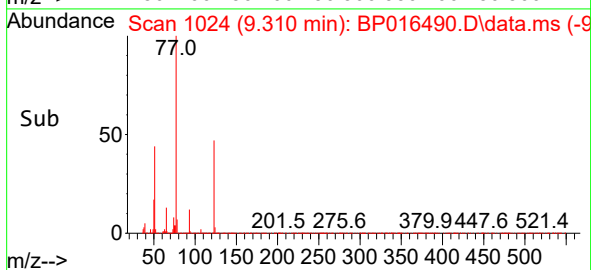
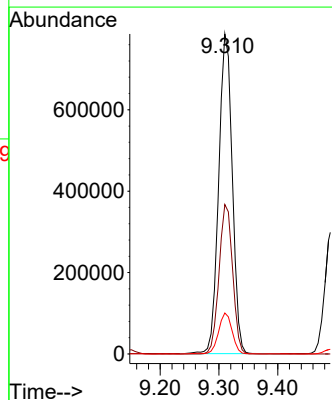
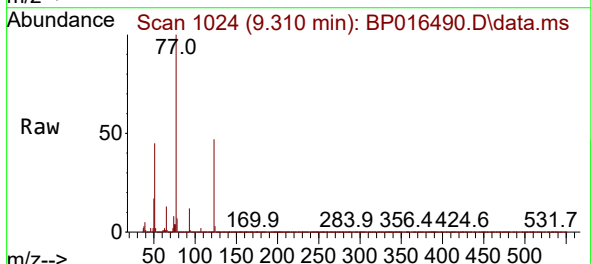
Instrument :
BNA_P
ClientSampleId :
PB154372BS

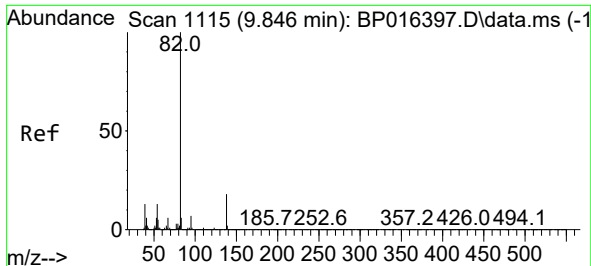
Tgt Ion: 82 Resp: 2323065
Ion Ratio Lower Upper
82 100
128 44.2 36.6 55.0
54 43.6 34.5 51.7



#24
Nitrobenzene
Concen: 48.235 ng
RT: 9.310 min Scan# 1024
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 77 Resp: 1261025
Ion Ratio Lower Upper
77 100
123 46.7 38.6 58.0
65 12.8 10.5 15.7

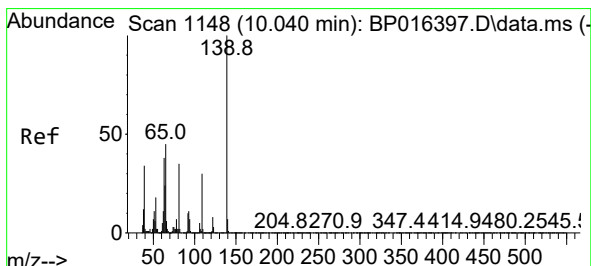
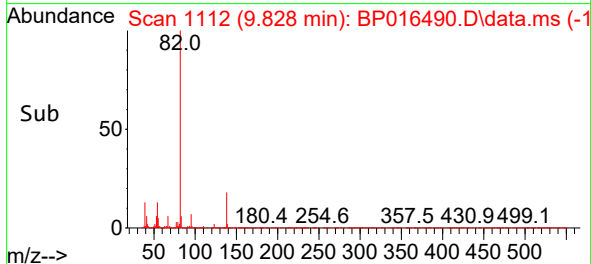
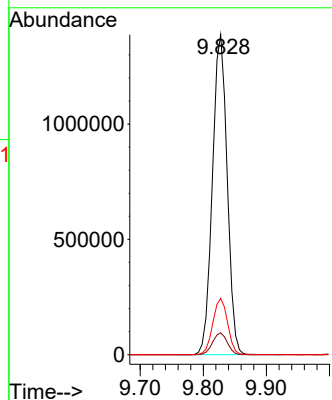
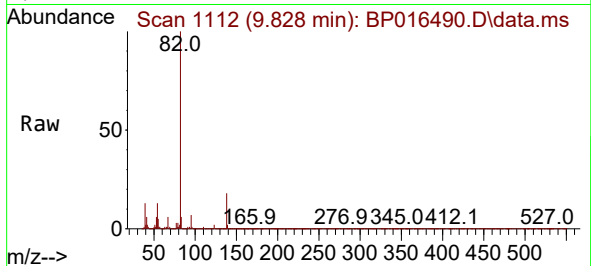




#25
Isophorone
Concen: 43.673 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

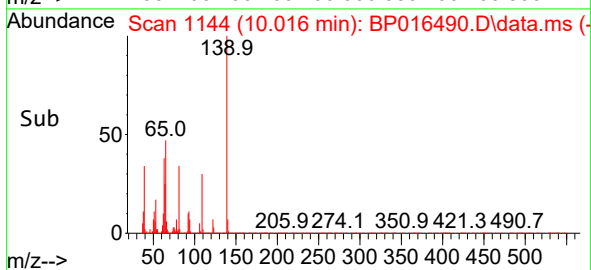
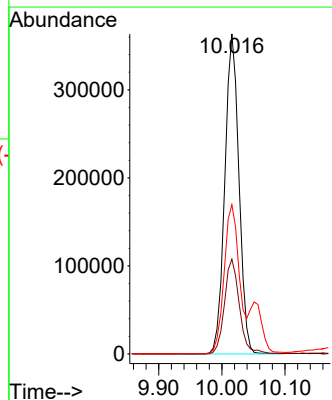
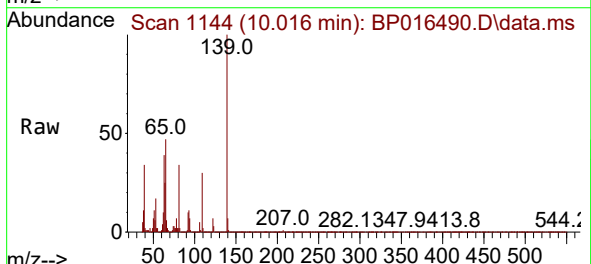
Instrument :
BNA_P
ClientSampleId :
PB154372BS

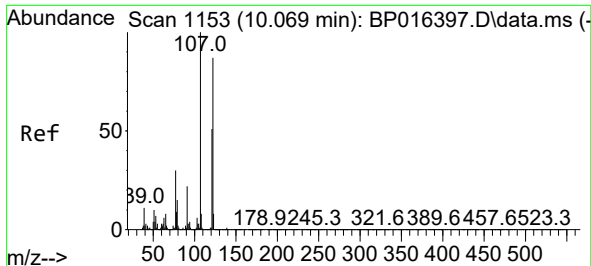
Tgt Ion: 82 Resp: 2244309
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.6 14.6 22.0



#26
2-Nitrophenol
Concen: 50.051 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 139 Resp: 565576
Ion Ratio Lower Upper
139 100
109 29.6 24.2 36.4
65 46.7 35.8 53.6

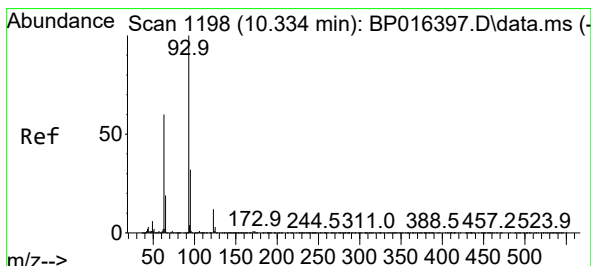
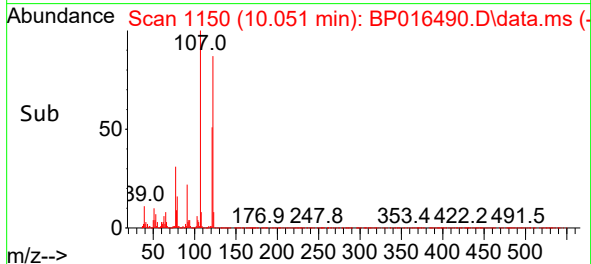
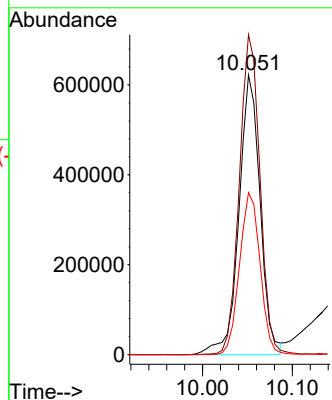
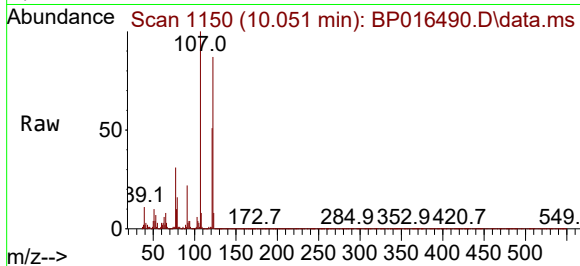




#27
2,4-Dimethylphenol
Concen: 44.361 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

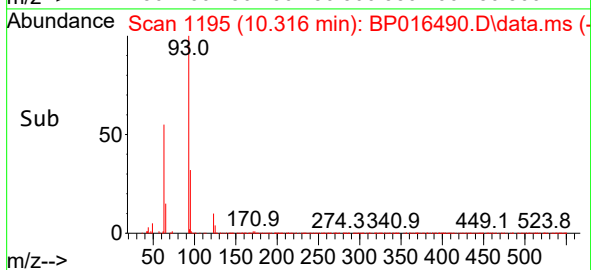
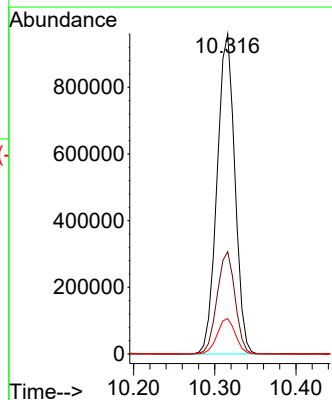
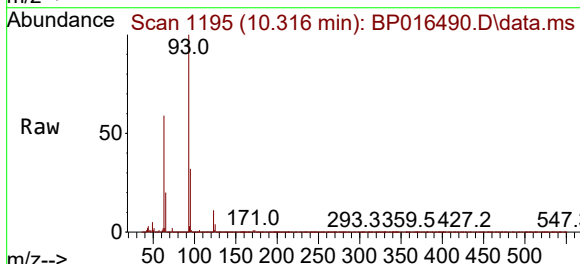
Instrument :
BNA_P
ClientSampleId :
PB154372BS

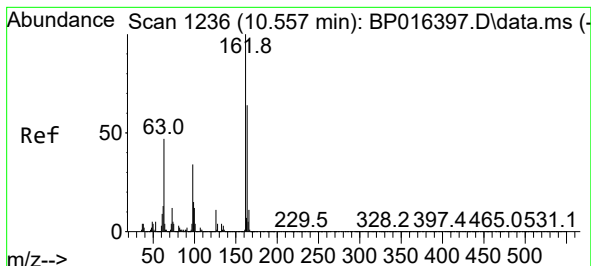
Tgt Ion:122 Resp: 1019873
Ion Ratio Lower Upper
122 100
107 114.4 91.9 137.9
121 58.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.576 ng
RT: 10.316 min Scan# 1195
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 93 Resp: 1466098
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.8
123 11.0 9.4 14.0

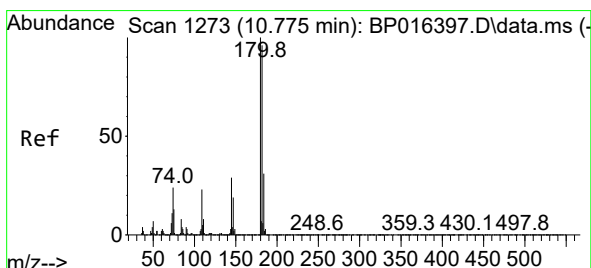
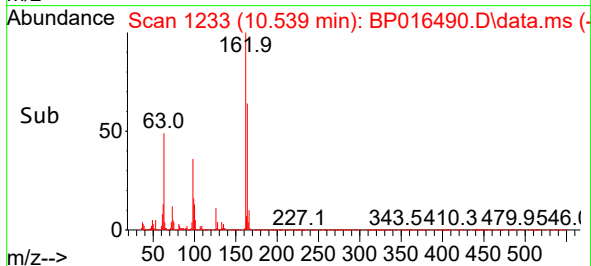
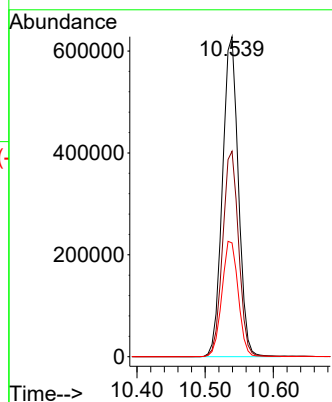
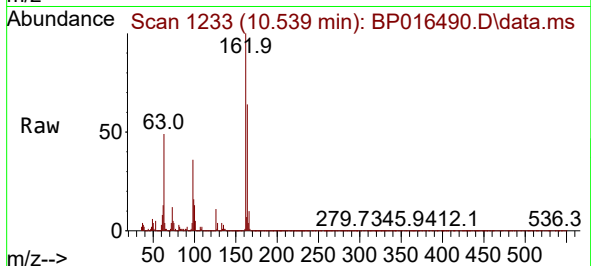




#29
2,4-Dichlorophenol
Concen: 47.384 ng
RT: 10.539 min Scan# 1233
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

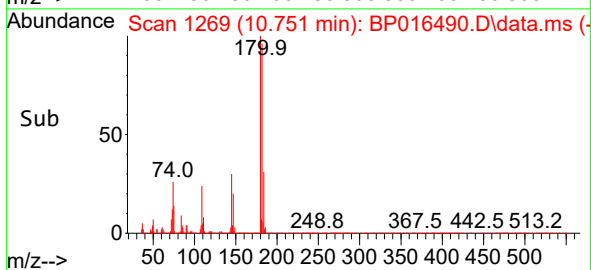
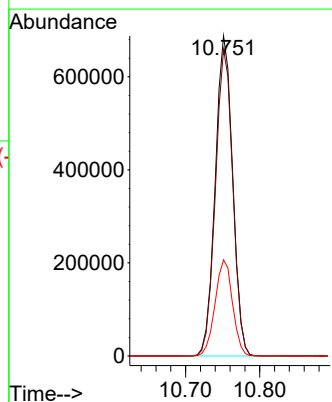
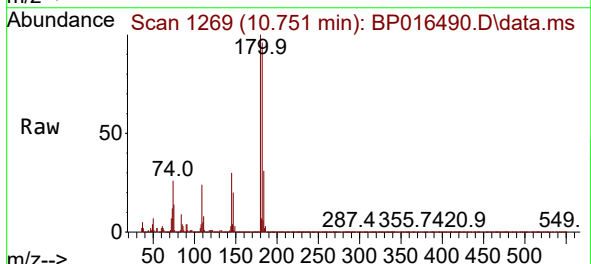
Instrument :
BNA_P
ClientSampleId :
PB154372BS

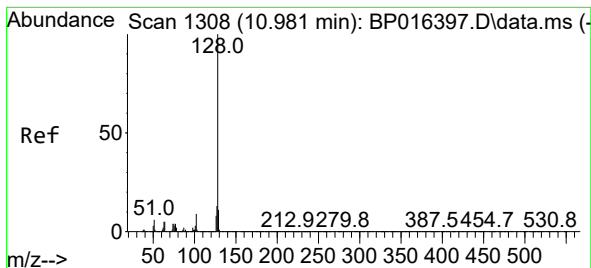
Tgt Ion:162 Resp: 1019494
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 35.6 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 48.097 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:180 Resp: 1120862
Ion Ratio Lower Upper
180 100
182 95.8 77.1 115.7
145 30.0 22.9 34.3





#31

Naphthalene

Concen: 46.183 ng

RT: 10.957 min Scan# 111

Delta R.T. -0.024 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

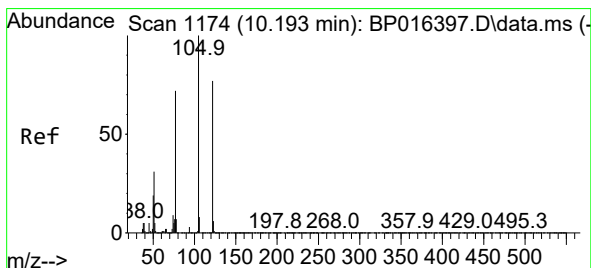
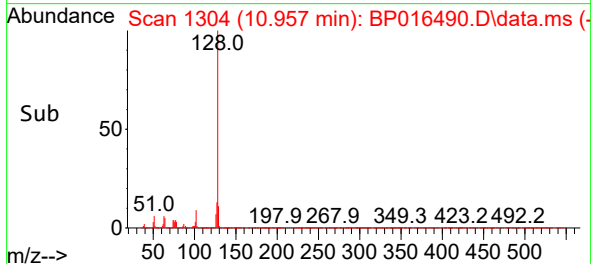
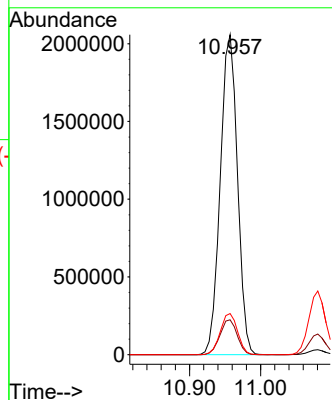
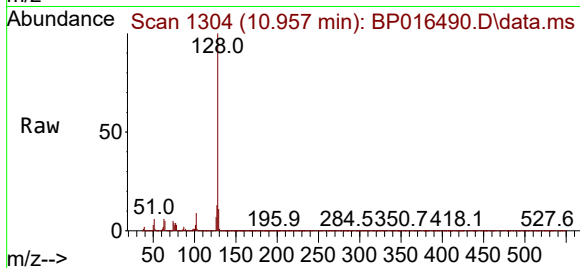
Tgt Ion:128 Resp: 3442026

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 44.710 ng

RT: 10.175 min Scan# 1171

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

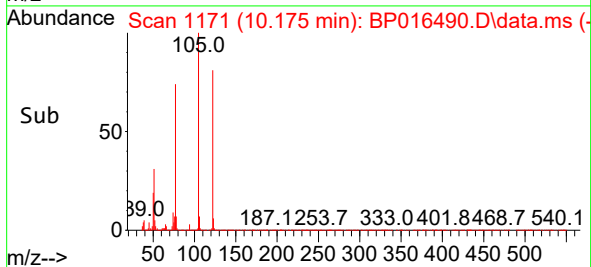
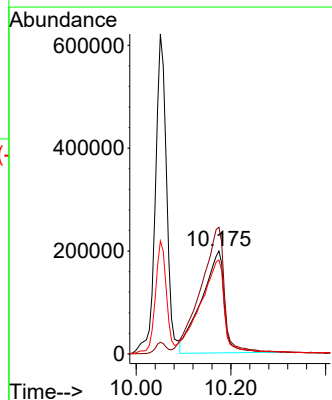
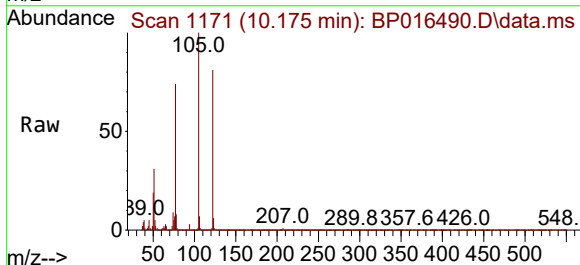
Tgt Ion:122 Resp: 666909

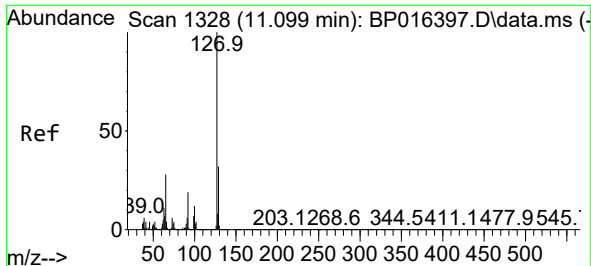
Ion Ratio Lower Upper

122 100

105 123.0 105.2 145.2

77 91.1 72.2 112.2

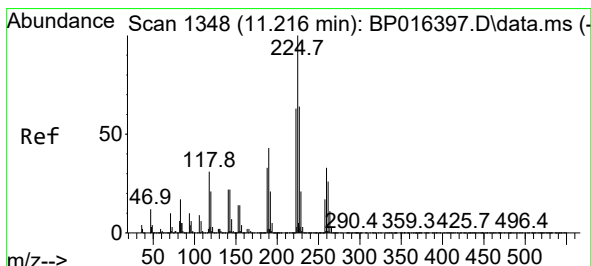
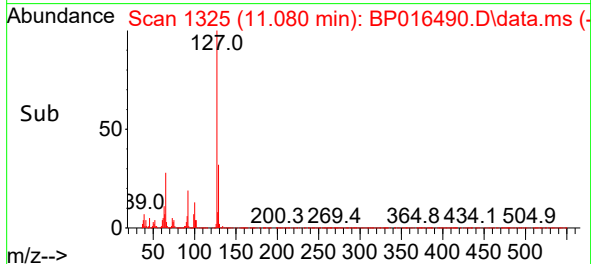
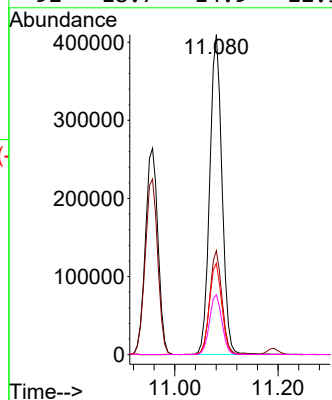
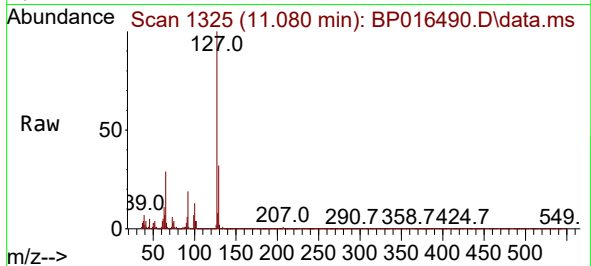




#33
4-Chloroaniline
Concen: 20.109 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

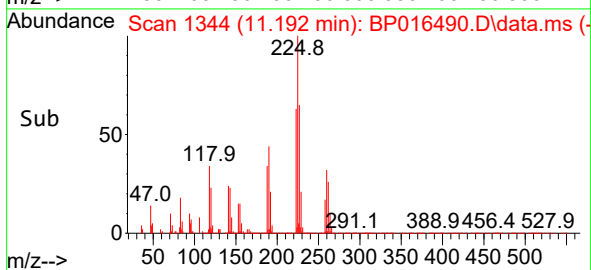
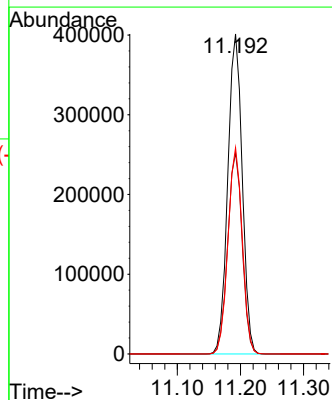
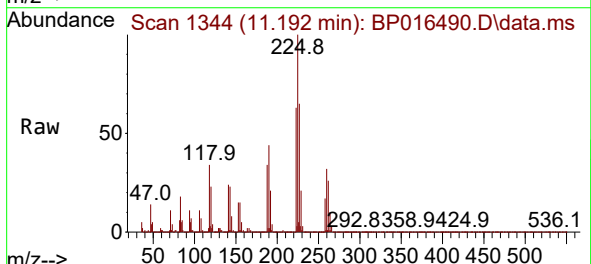
Instrument :
BNA_P
ClientSampleId :
PB154372BS

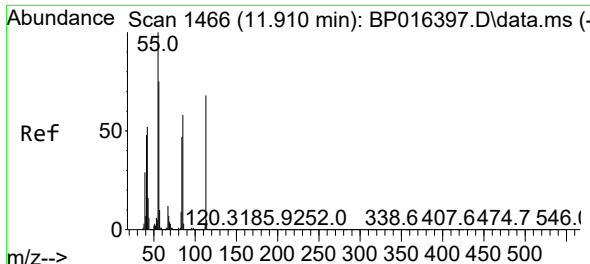
Tgt Ion:	127	Resp:	676045
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	28.6	22.7	34.1
92	18.7	14.9	22.3



#34
Hexachlorobutadiene
Concen: 46.011 ng
RT: 11.192 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:	225	Resp:	634825
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.4
227	64.5	51.0	76.6

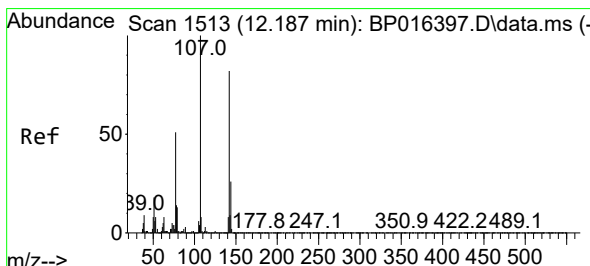
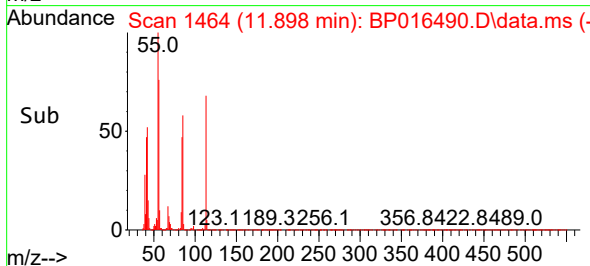
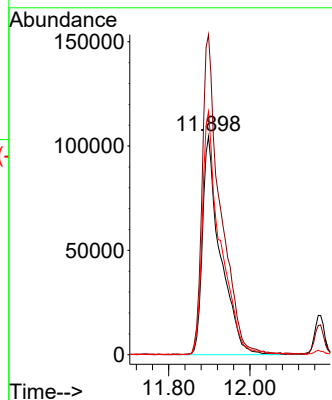
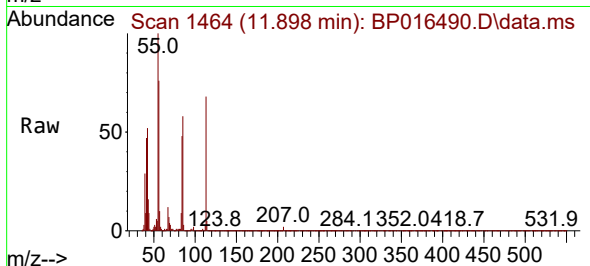




#35
Caprolactam
Concen: 40.578 ng
RT: 11.898 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

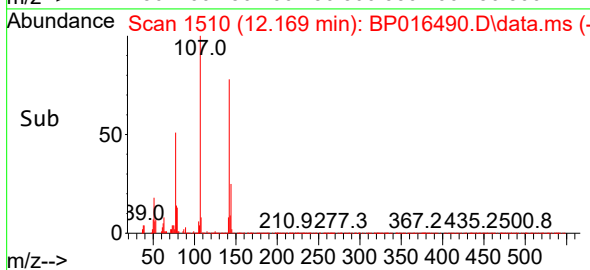
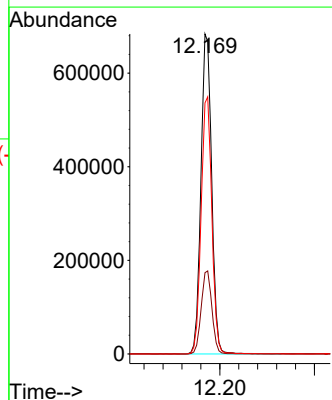
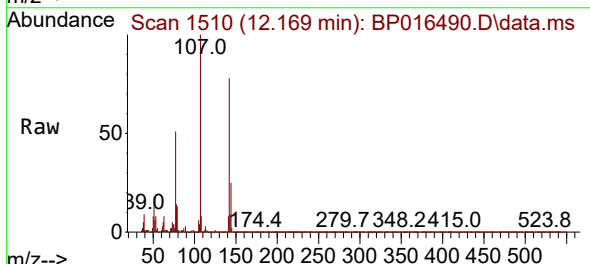
Instrument :
BNA_P
ClientSampleId :
PB154372BS

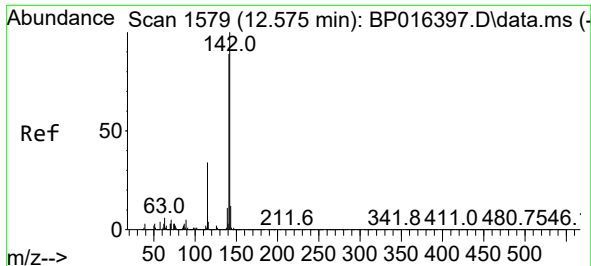
Tgt Ion:113 Resp: 319021
Ion Ratio Lower Upper
113 100
55 146.6 128.0 168.0
56 111.3 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 44.818 ng
RT: 12.169 min Scan# 1510
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:107 Resp: 1071885
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.6
142 78.5 65.6 98.4

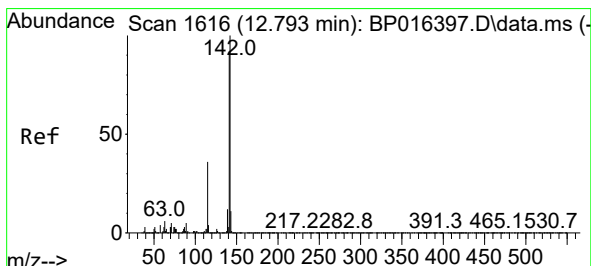
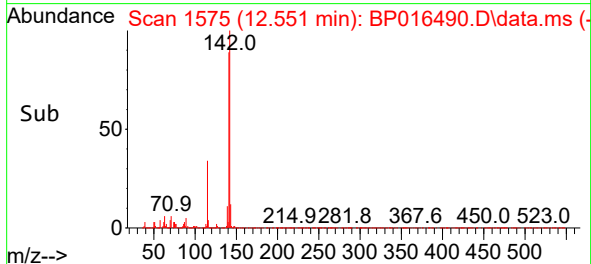
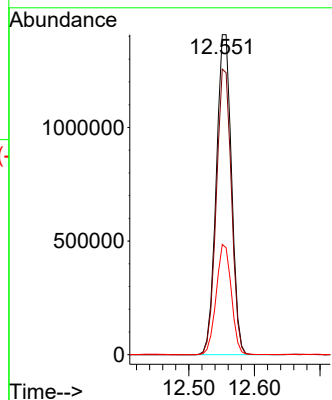
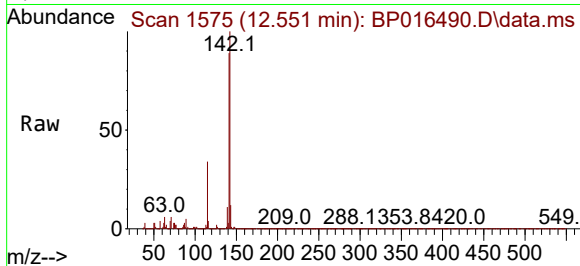




#37
2-Methylnaphthalene
Concen: 41.857 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

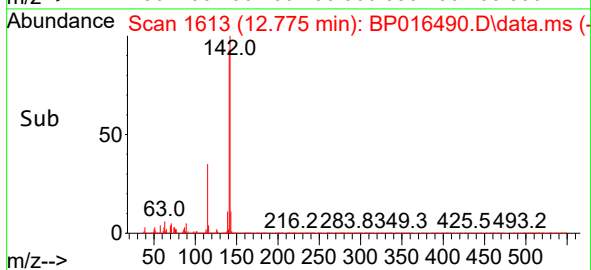
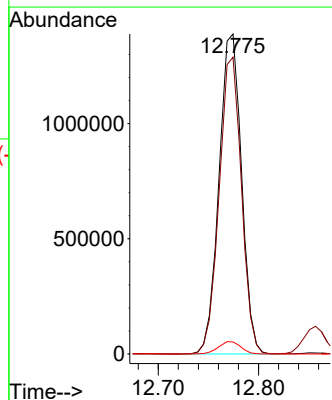
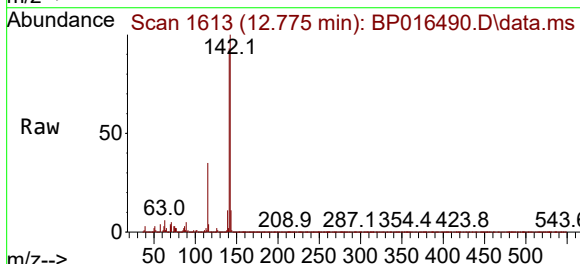
Instrument :
BNA_P
ClientSampleId :
PB154372BS

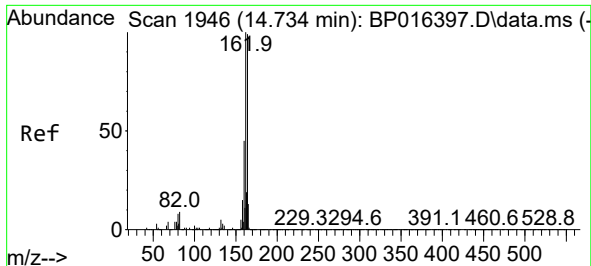
Tgt Ion:142 Resp: 2266282
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 34.4 27.0 40.4



#38
1-Methylnaphthalene
Concen: 42.538 ng
RT: 12.775 min Scan# 1613
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:142 Resp: 2159270
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6
116 3.8 2.9 4.3

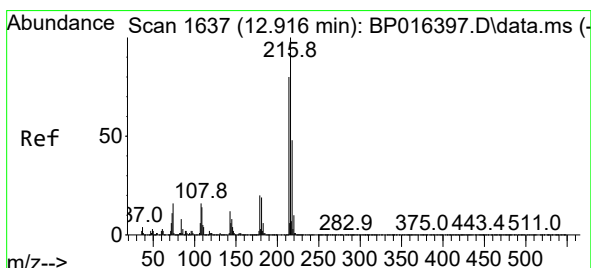
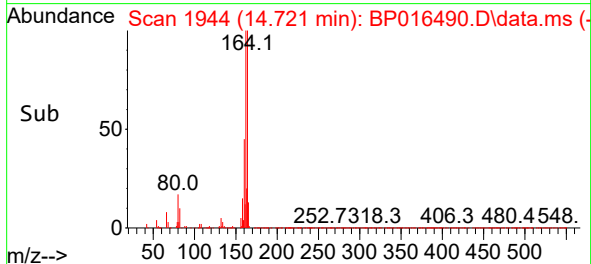
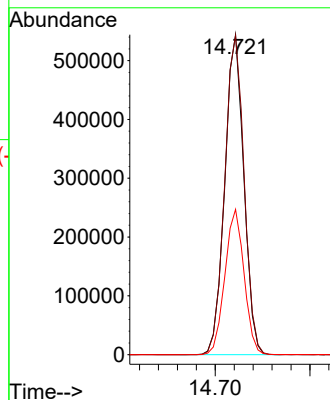
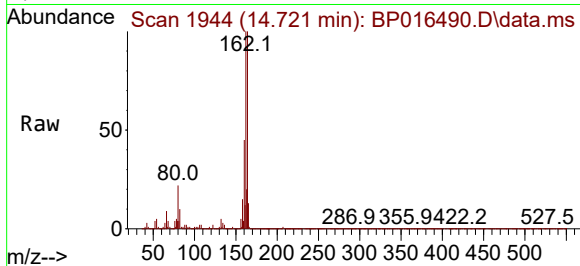




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.721 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

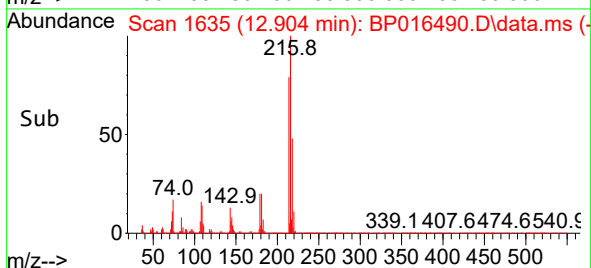
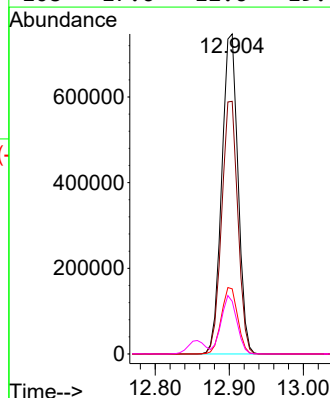
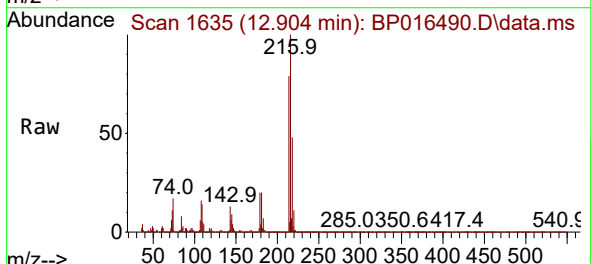
Instrument :
BNA_P
ClientSampleId :
PB154372BS

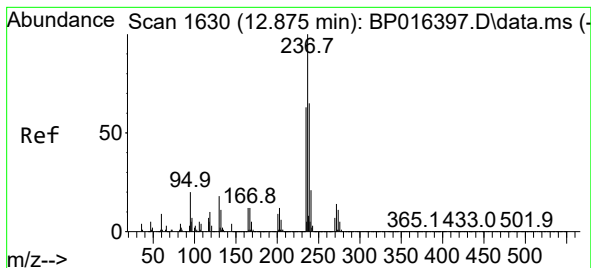
Tgt Ion:164 Resp: 760582
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.6
160 45.4 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.111 ng
RT: 12.904 min Scan# 1635
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:216 Resp: 1135128
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 20.9 16.0 24.0
108 17.6 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 122.104 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

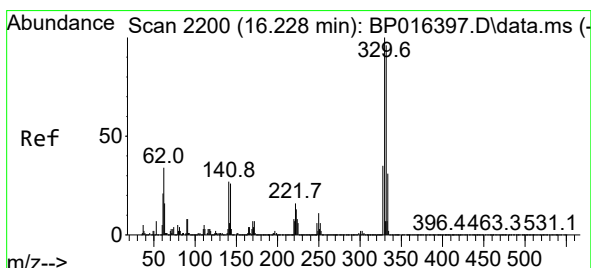
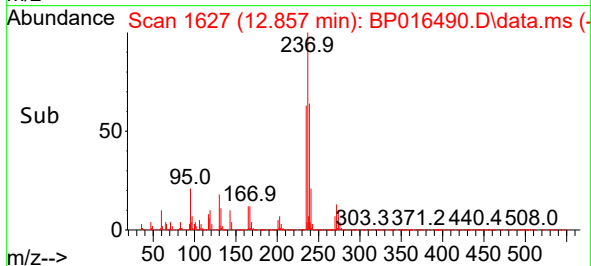
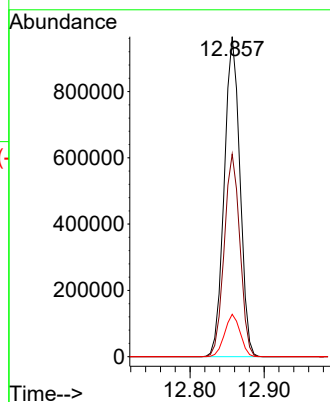
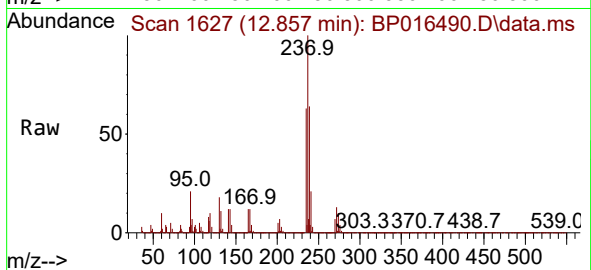
Tgt Ion:237 Resp: 1417437

Ion Ratio Lower Upper

237 100

235 63.3 42.7 82.7

272 13.2 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 111.413 ng

RT: 16.216 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

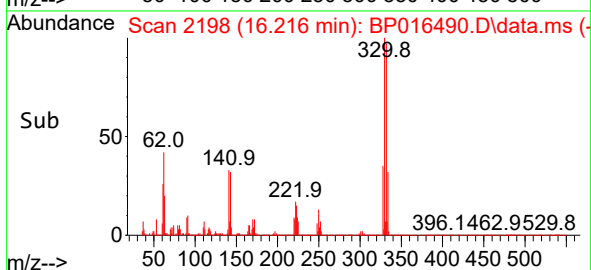
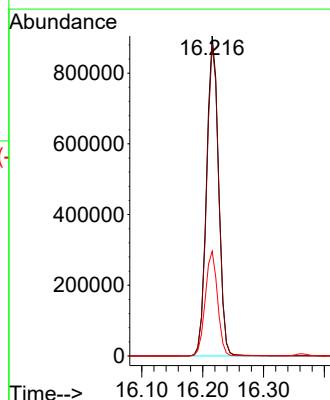
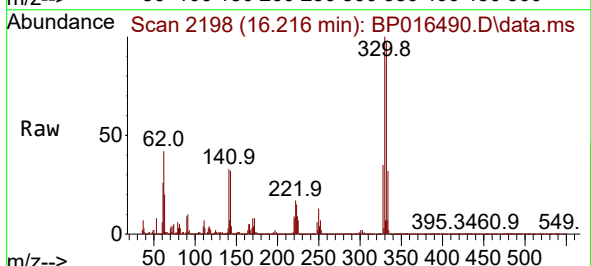
Tgt Ion:330 Resp: 1246626

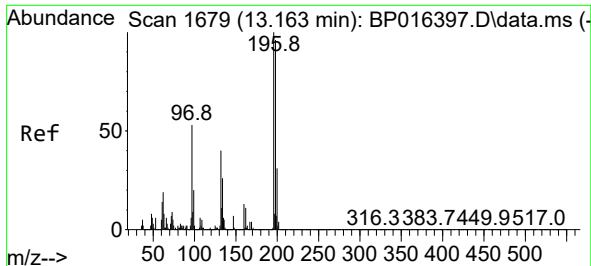
Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.8

141 33.3 22.6 34.0

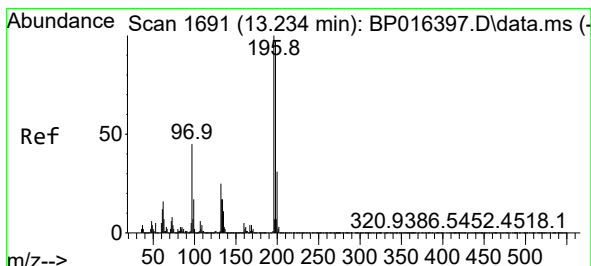
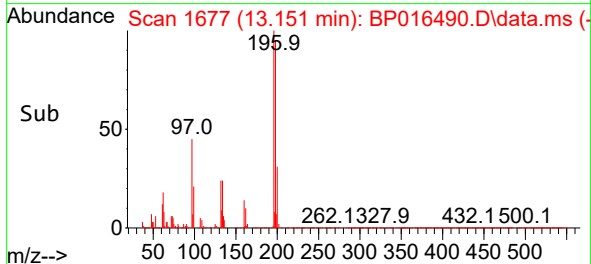
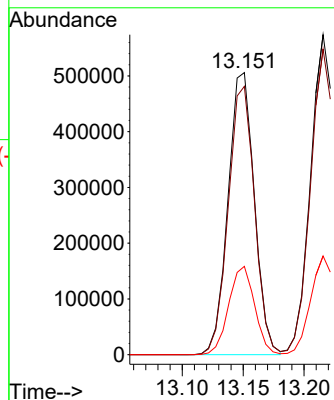
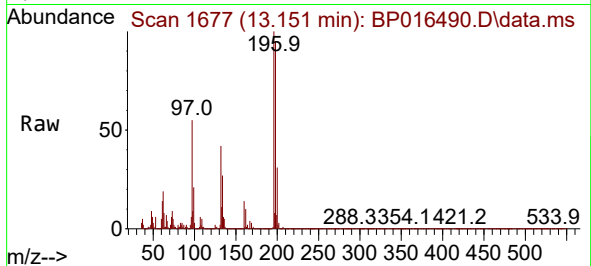




#43
2,4,6-Trichlorophenol
Concen: 51.302 ng
RT: 13.151 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

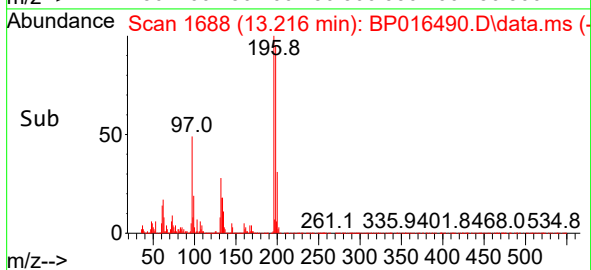
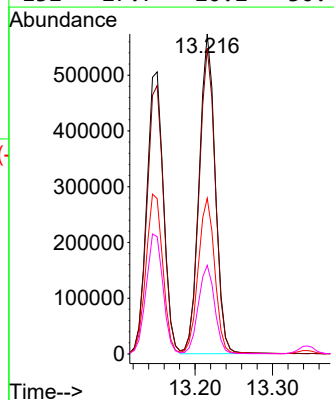
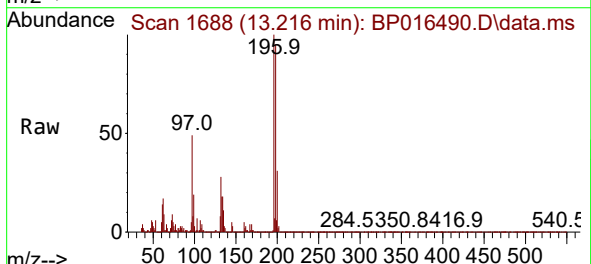
Instrument :
BNA_P
ClientSampleId :
PB154372BS

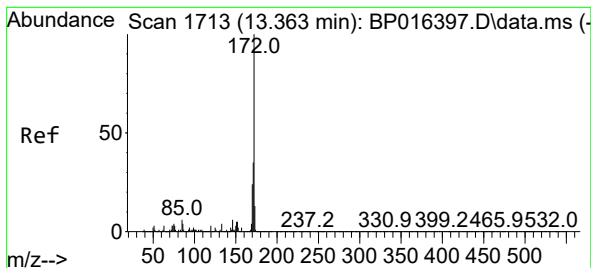
Tgt Ion:196 Resp: 760828
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
200 31.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 46.084 ng
RT: 13.216 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:196 Resp: 829181
Ion Ratio Lower Upper
196 100
198 95.5 77.3 115.9
97 48.6 36.2 54.4
132 27.7 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.340 ng

RT: 13.345 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

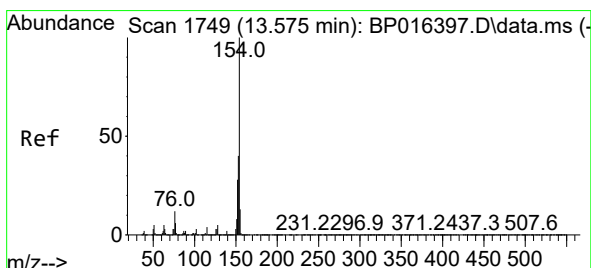
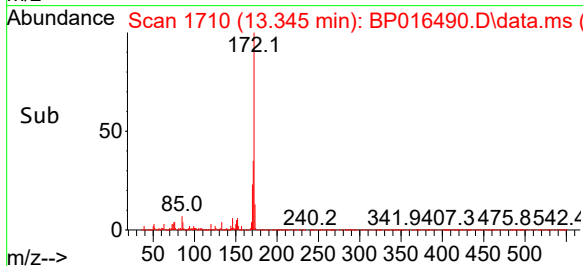
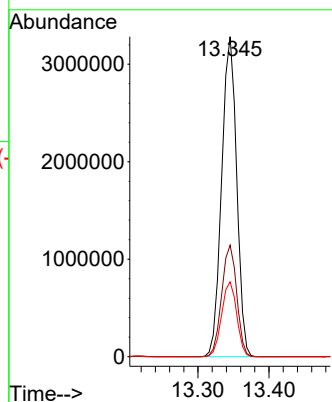
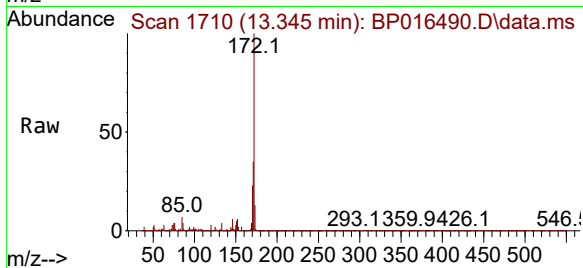
Tgt Ion:172 Resp: 4792684

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.145 ng

RT: 13.557 min Scan# 1746

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

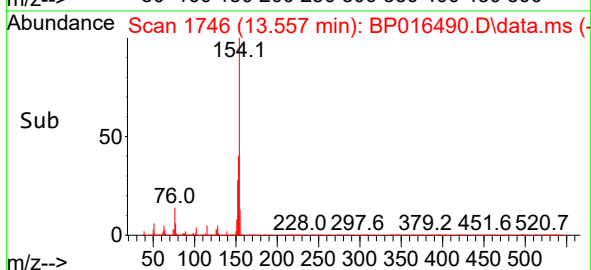
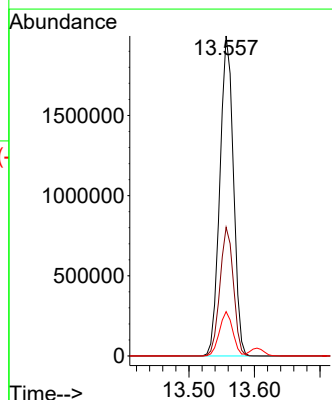
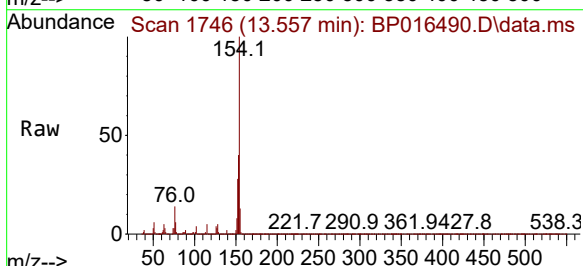
Tgt Ion:154 Resp: 2849332

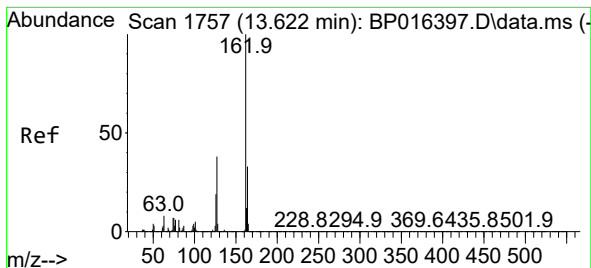
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 13.8 0.0 32.5





#47

2-Chloronaphthalene

Concen: 50.251 ng

RT: 13.604 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

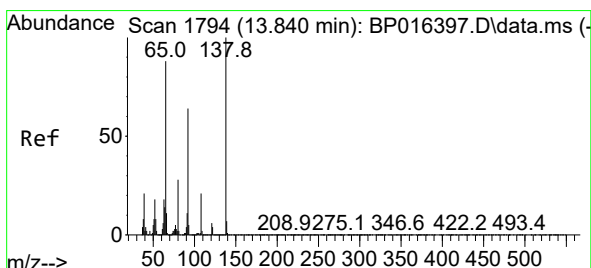
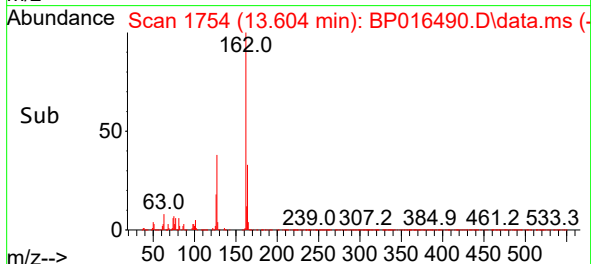
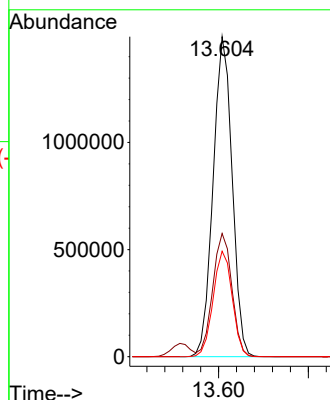
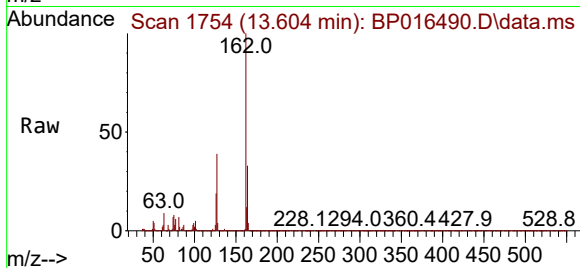
Tgt Ion:162 Resp: 2198013

Ion Ratio Lower Upper

162 100

127 38.5 30.1 45.1

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 50.313 ng

RT: 13.827 min Scan# 1792

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

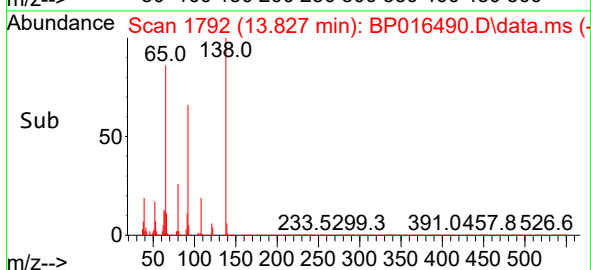
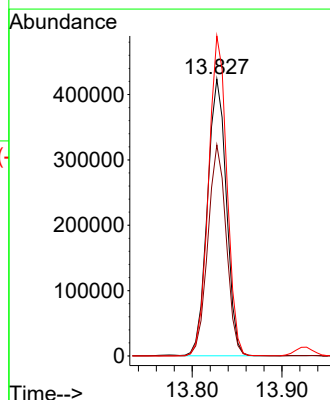
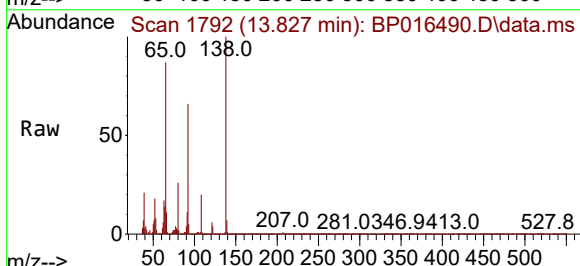
Tgt Ion: 65 Resp: 620337

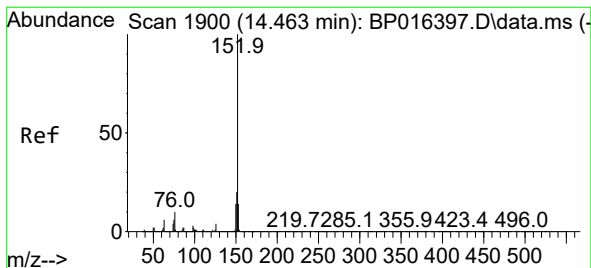
Ion Ratio Lower Upper

65 100

92 76.2 58.2 87.4

138 115.5 91.3 136.9





#49

Acenaphthylene

Concen: 49.073 ng

RT: 14.451 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

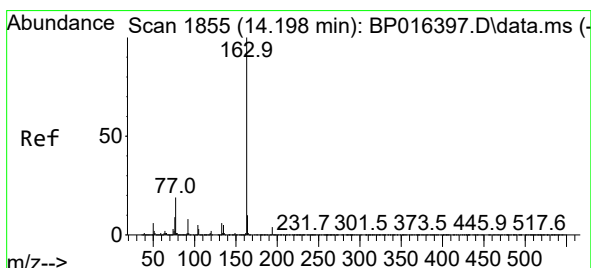
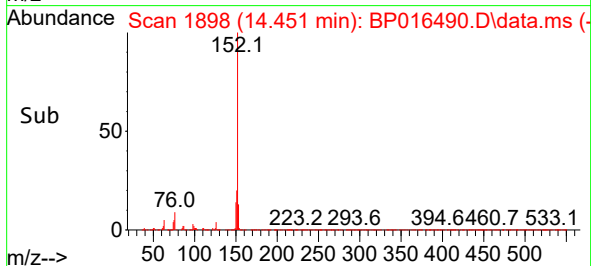
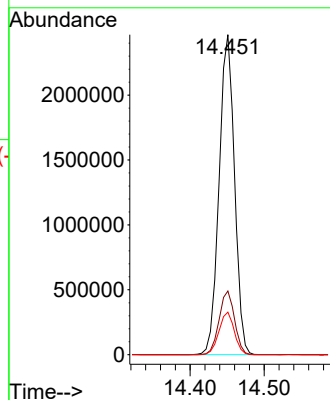
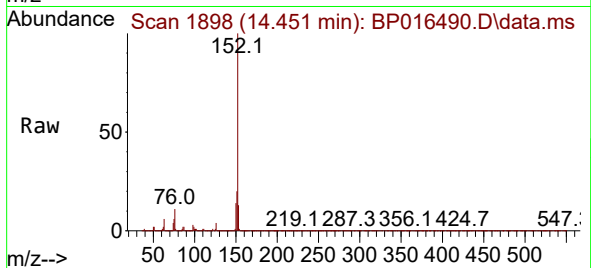
Tgt Ion:152 Resp: 3561448

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 44.468 ng

RT: 14.180 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

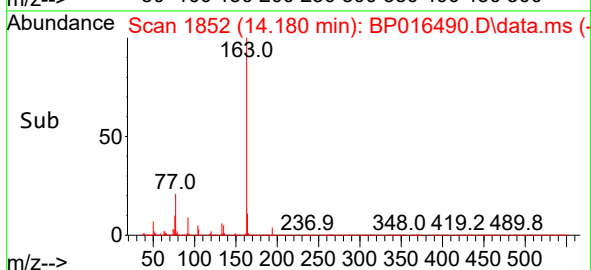
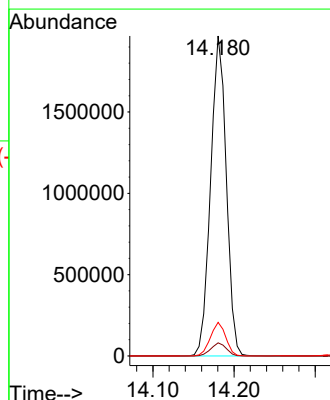
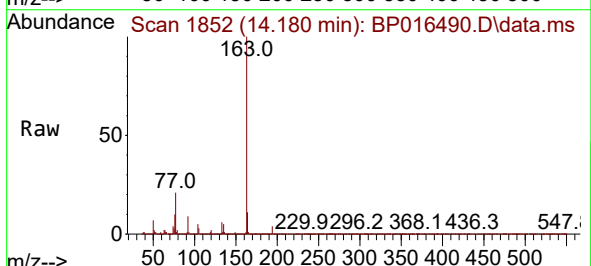
Tgt Ion:163 Resp: 2635608

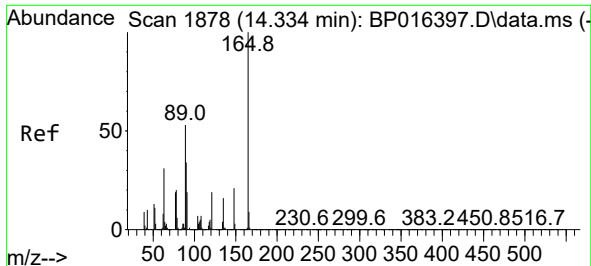
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.5 8.2 12.2

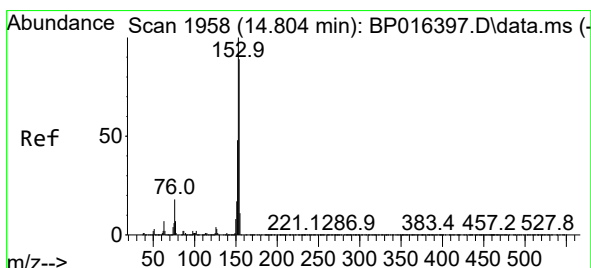
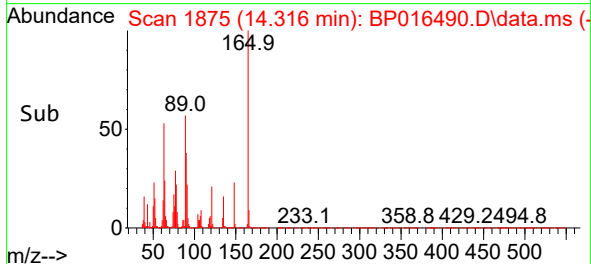
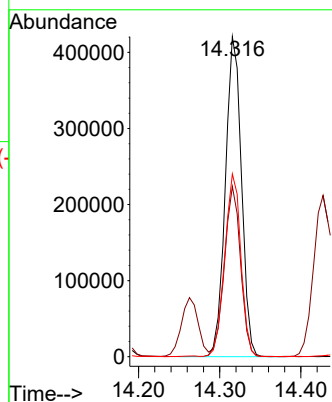
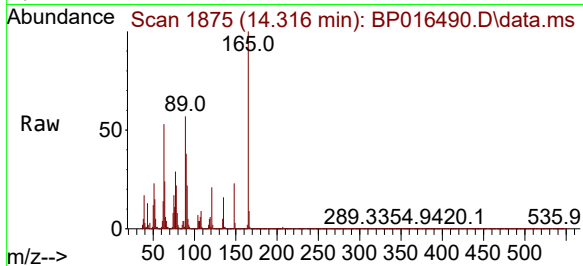




#51
2,6-Dinitrotoluene
Concen: 47.743 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

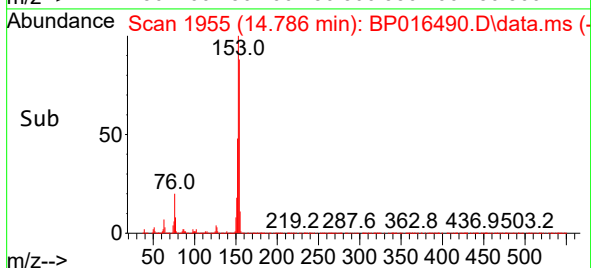
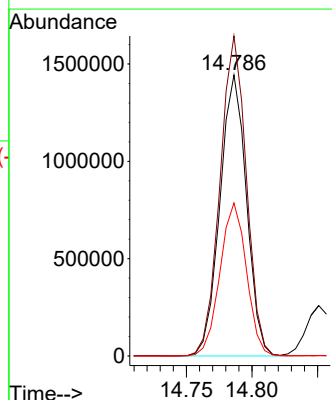
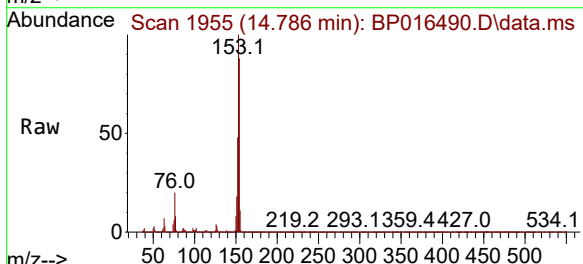
Instrument :
BNA_P
ClientSampleId :
PB154372BS

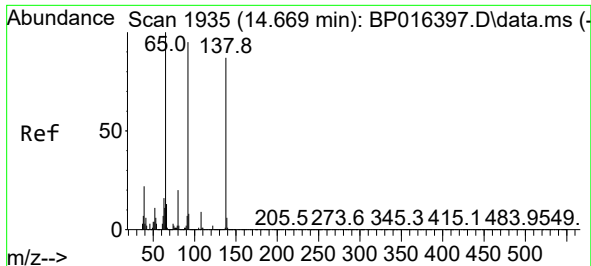
Tgt Ion:165 Resp: 579695
Ion Ratio Lower Upper
165 100
63 53.2 39.1 58.7
89 57.1 42.5 63.7



#52
Acenaphthene
Concen: 47.062 ng
RT: 14.786 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:154 Resp: 2031051
Ion Ratio Lower Upper
154 100
153 113.9 90.4 135.6
152 54.4 43.4 65.0

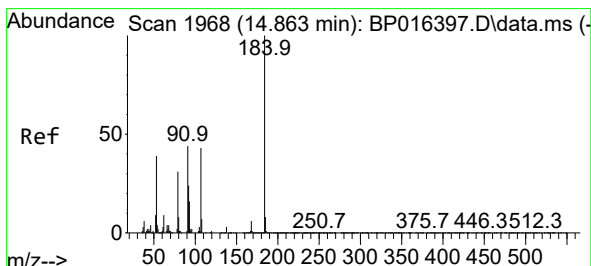
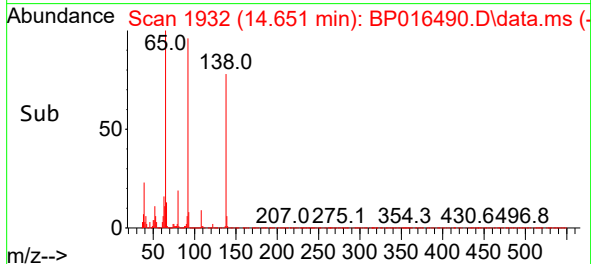
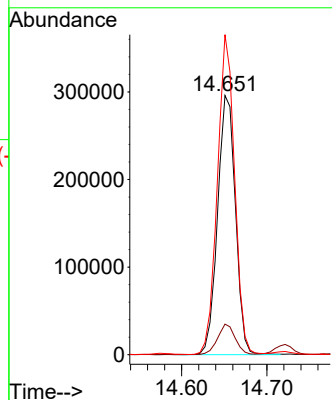
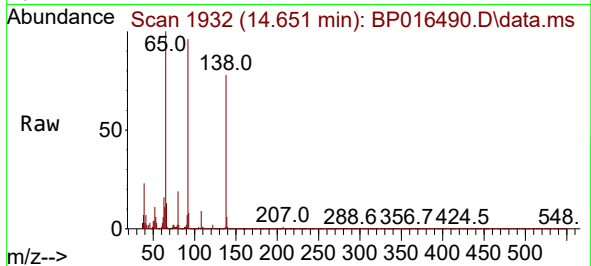




#53
3-Nitroaniline
Concen: 31.508 ng
RT: 14.651 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

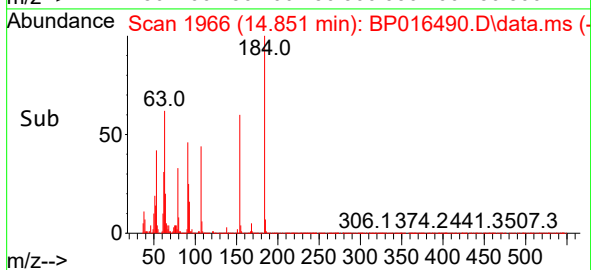
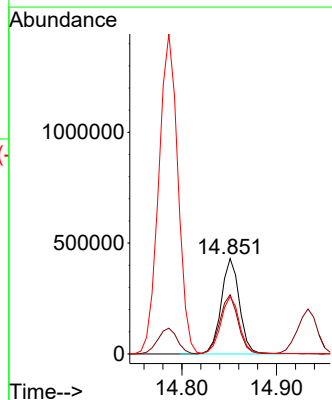
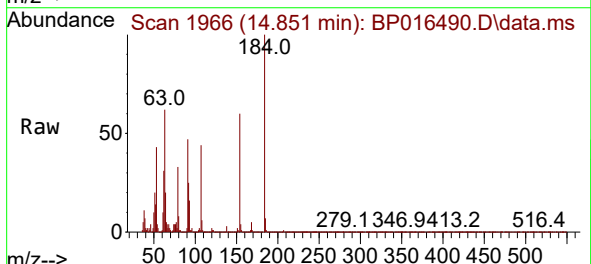
Instrument :
BNA_P
ClientSampleId :
PB154372BS

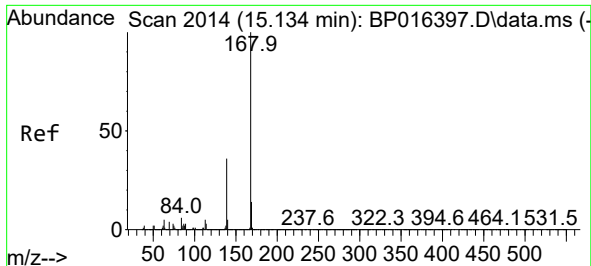
Tgt Ion:138 Resp: 432526
Ion Ratio Lower Upper
138 100
108 11.8 8.7 13.1
92 123.4 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 99.235 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:184 Resp: 575829
Ion Ratio Lower Upper
184 100
63 62.2 48.2 72.4
154 60.2 49.6 74.4

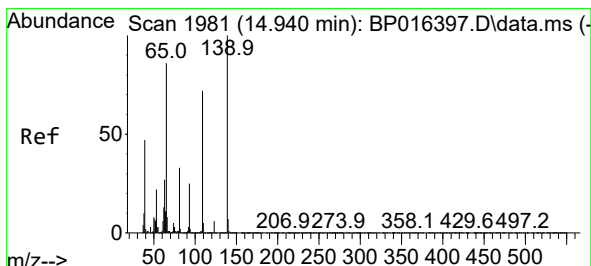
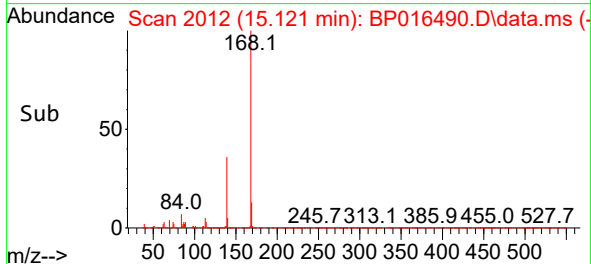
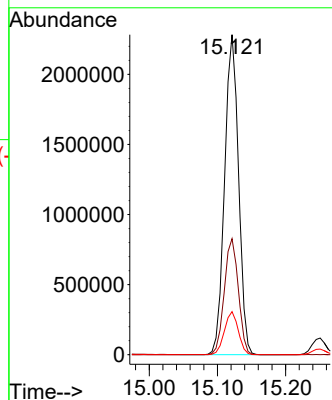
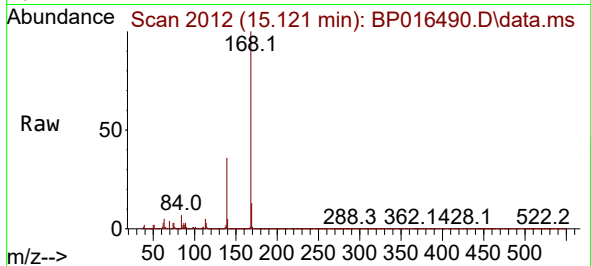




#55
Dibenzofuran
Concen: 45.823 ng
RT: 15.121 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

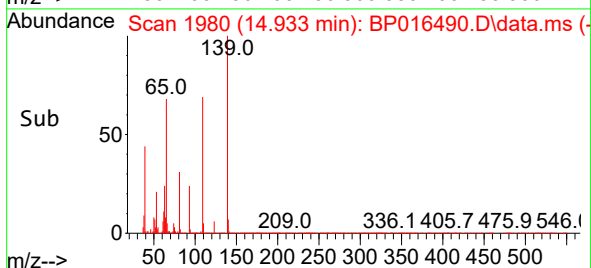
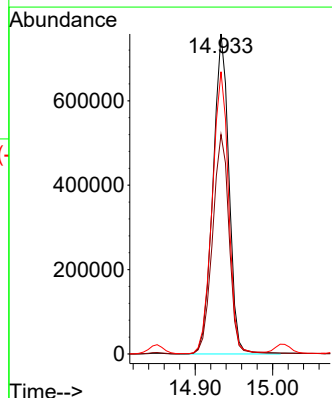
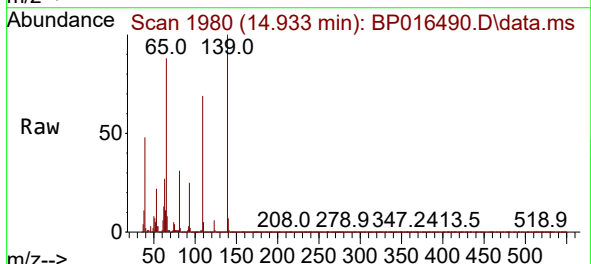
Instrument :
BNA_P
ClientSampleId :
PB154372BS

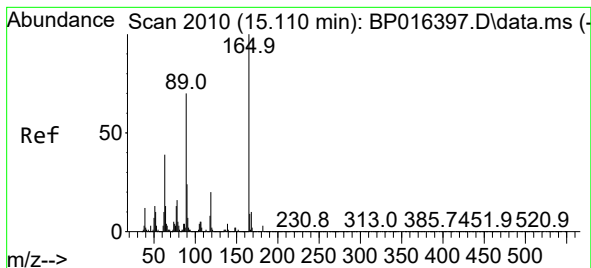
Tgt Ion:168 Resp: 3243369
Ion Ratio Lower Upper
168 100
139 36.3 28.9 43.3
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 101.342 ng
RT: 14.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:139 Resp: 1088987
Ion Ratio Lower Upper
139 100
109 68.6 51.9 91.9
65 88.2 66.2 106.2

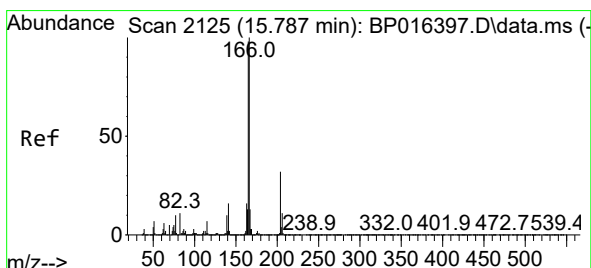
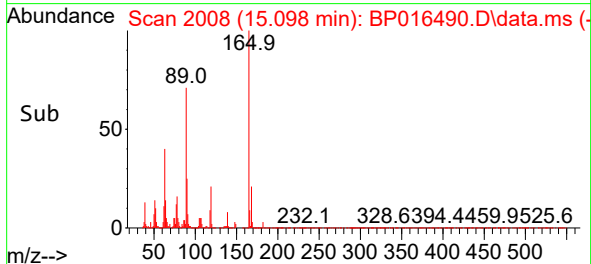
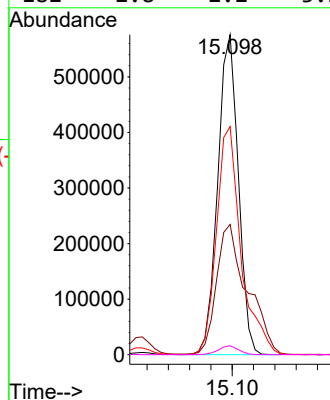
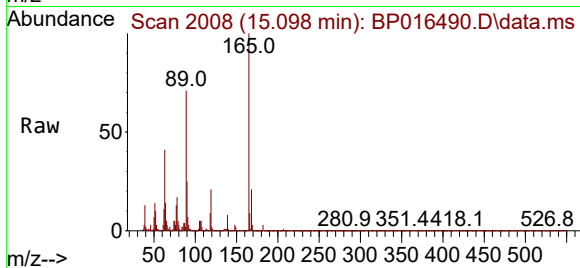




#57
2,4-Dinitrotoluene
Concen: 48.769 ng
RT: 15.098 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

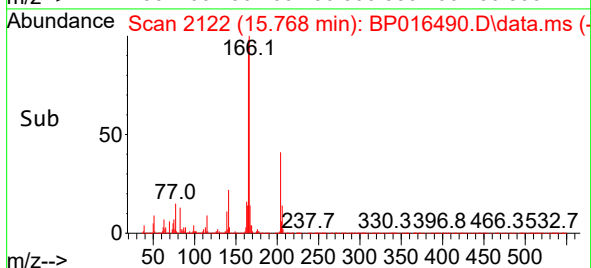
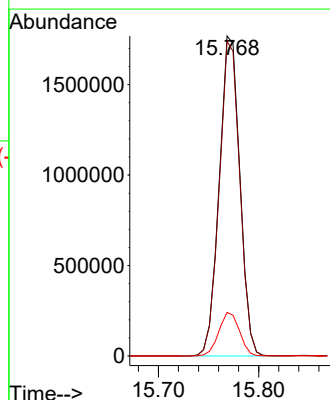
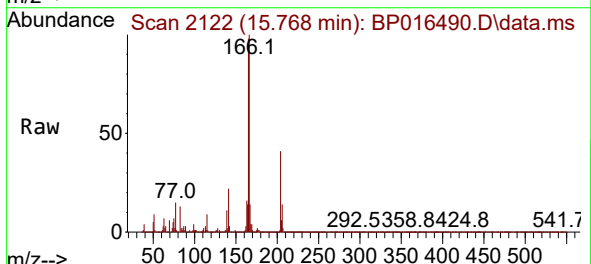
Instrument :
BNA_P
ClientSampleId :
PB154372BS

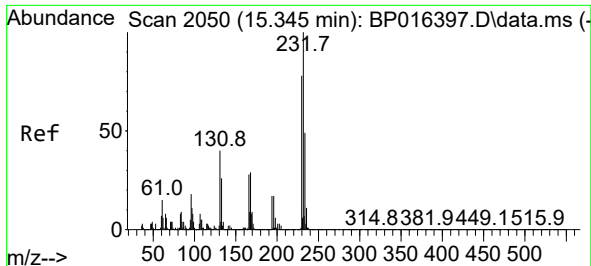
Tgt Ion:165 Resp: 771742
Ion Ratio Lower Upper
165 100
63 40.7 31.4 47.0
89 71.3 55.8 83.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 45.440 ng
RT: 15.768 min Scan# 2122
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:166 Resp: 2526785
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 13.6 10.6 16.0

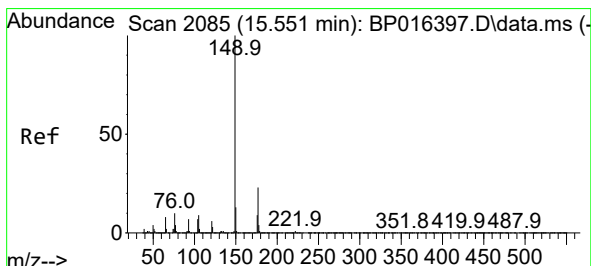
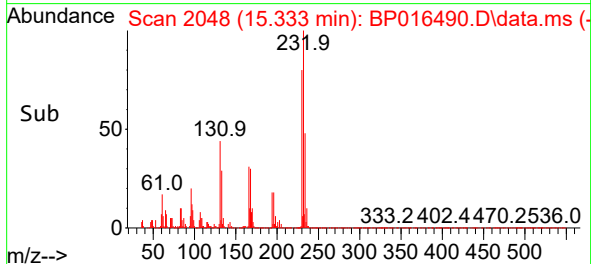
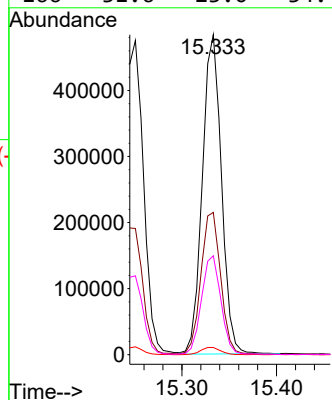
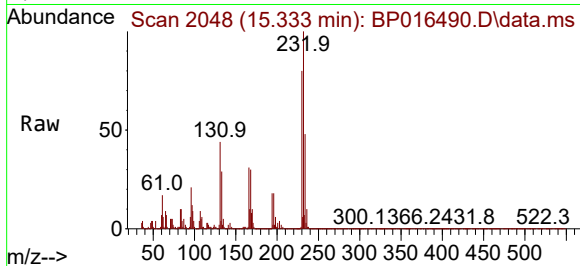




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.746 ng
RT: 15.333 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

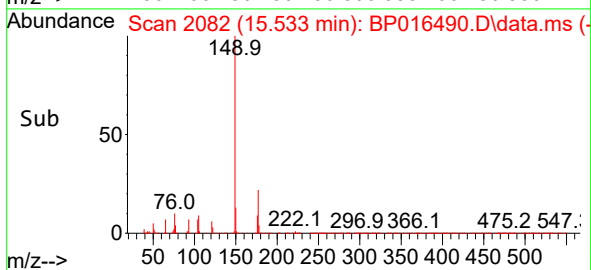
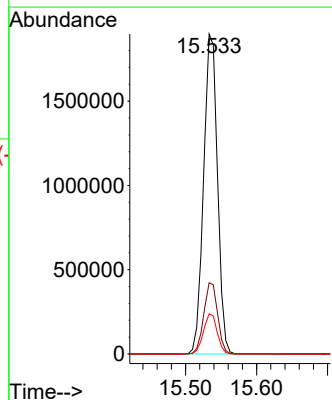
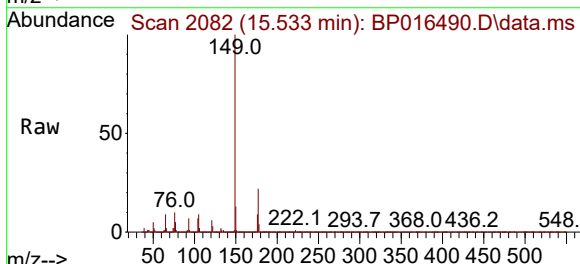
Instrument :
BNA_P
ClientSampleId :
PB154372BS

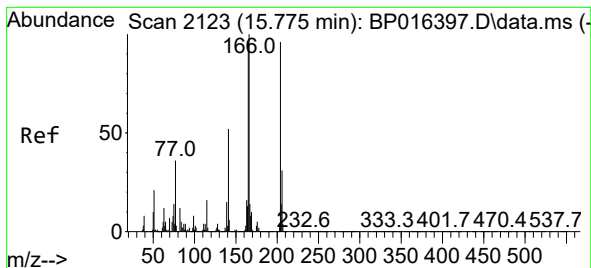
Tgt Ion:232 Resp: 677081
Ion Ratio Lower Upper
232 100
131 46.2 33.1 49.7
130 2.4 1.8 2.8
166 31.6 23.0 34.4



#60
Diethylphthalate
Concen: 43.846 ng
RT: 15.533 min Scan# 2082
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:149 Resp: 2582577
Ion Ratio Lower Upper
149 100
177 22.3 18.6 27.8
150 12.5 10.1 15.1

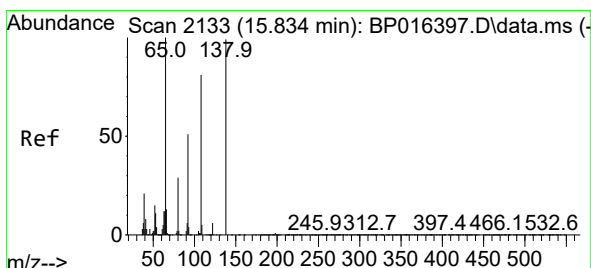
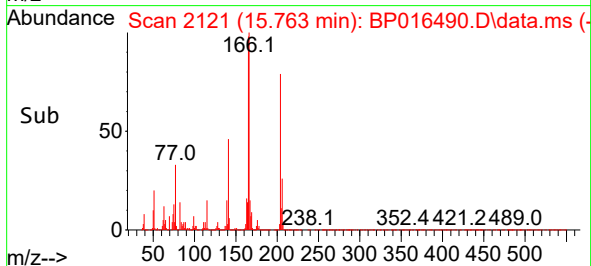
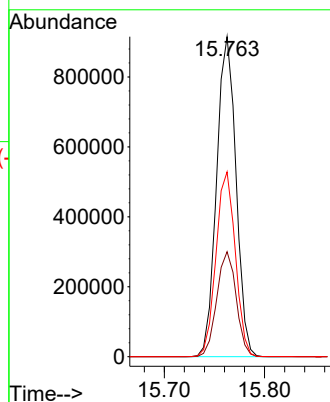
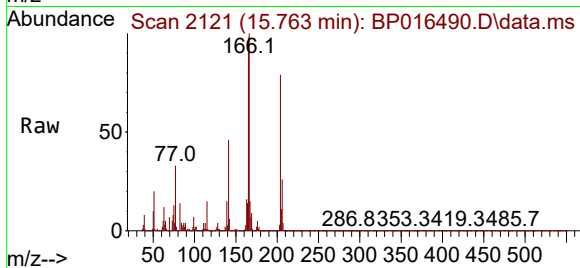




#61
4-Chlorophenyl-phenylether
Concen: 43.815 ng
RT: 15.763 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

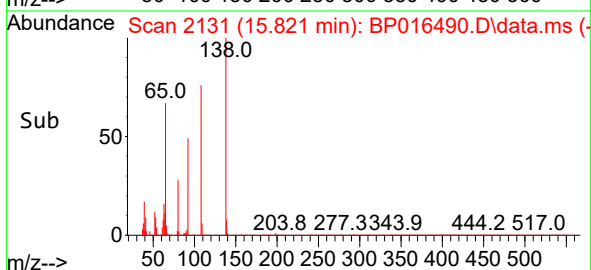
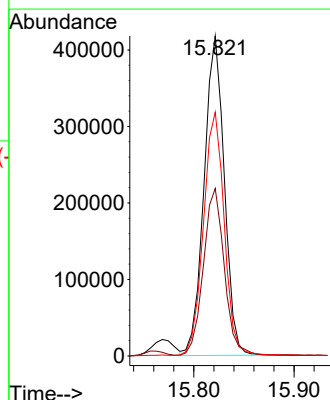
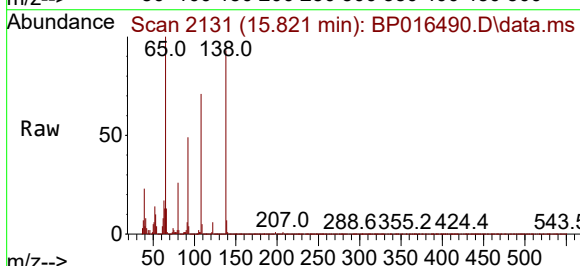
Instrument :
BNA_P
ClientSampleId :
PB154372BS

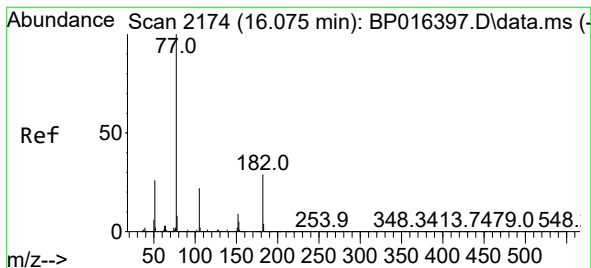
Tgt Ion:204 Resp: 1229478
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 57.7 43.4 65.0



#62
4-Nitroaniline
Concen: 43.107 ng
RT: 15.821 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:138 Resp: 587255
Ion Ratio Lower Upper
138 100
92 52.3 30.3 70.3
108 76.2 60.1 100.1

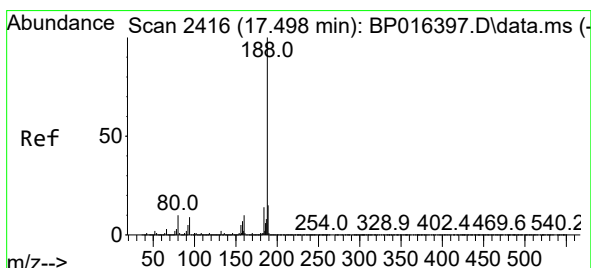
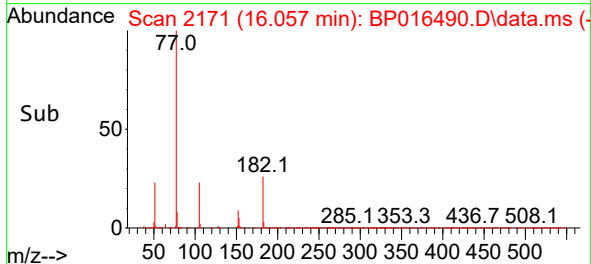
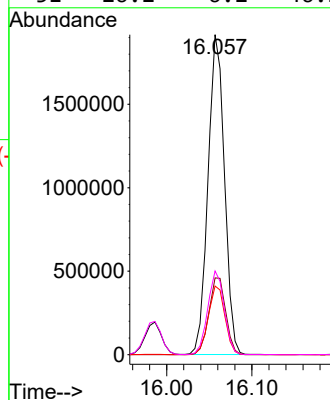
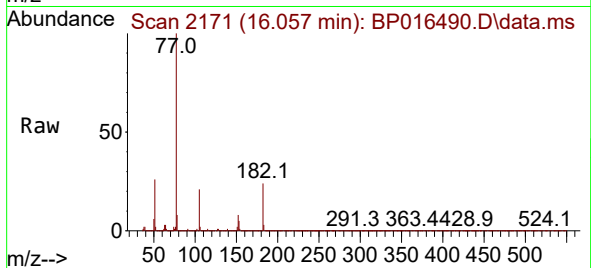




#63
Azobenzene
Concen: 46.161 ng
RT: 16.057 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

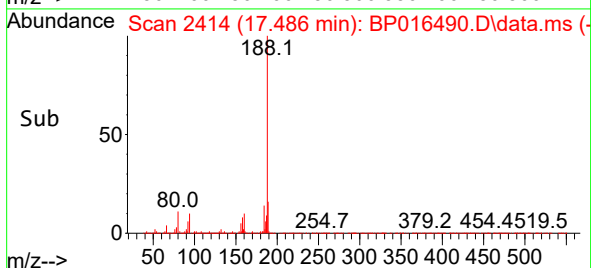
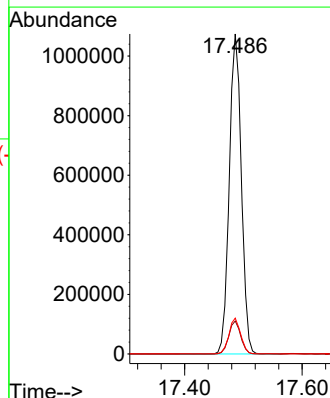
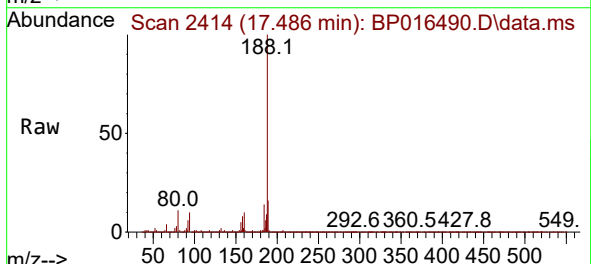
Instrument :
BNA_P
ClientSampleId :
PB154372BS

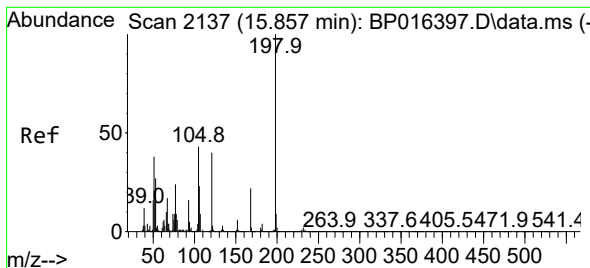
Tgt Ion: 77 Resp: 2567294
Ion Ratio Lower Upper
77 100
182 24.0 8.6 48.6
105 21.5 2.4 42.4
51 26.2 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 188 Resp: 1524659
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.2 7.8 11.8

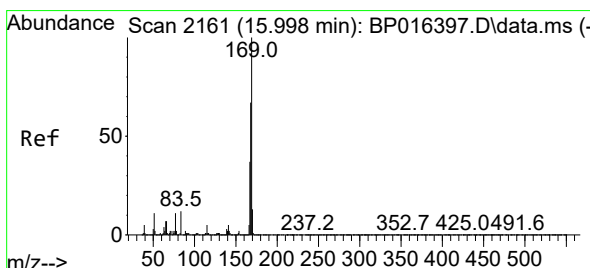
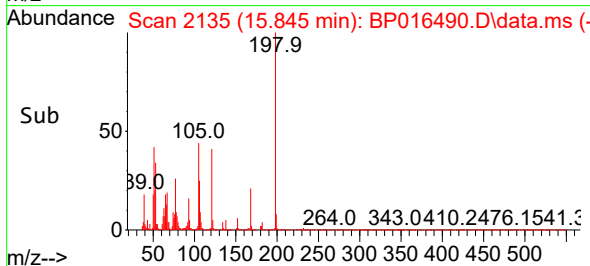
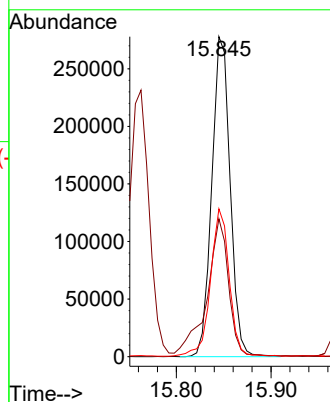
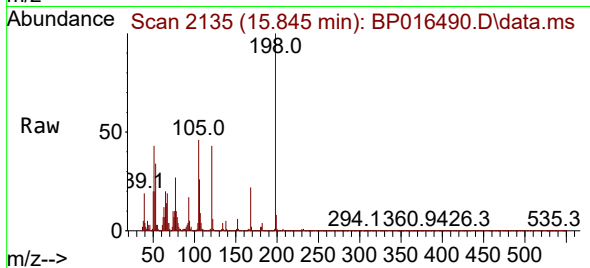




#65
4,6-Dinitro-2-methylphenol
Concen: 51.692 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

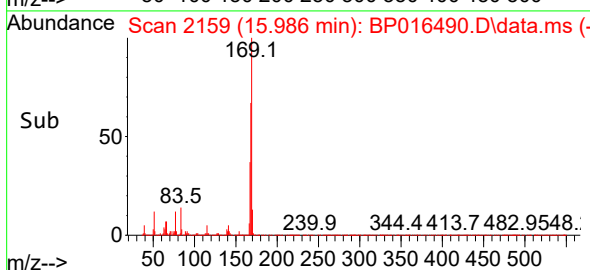
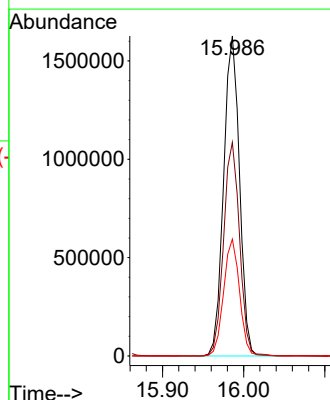
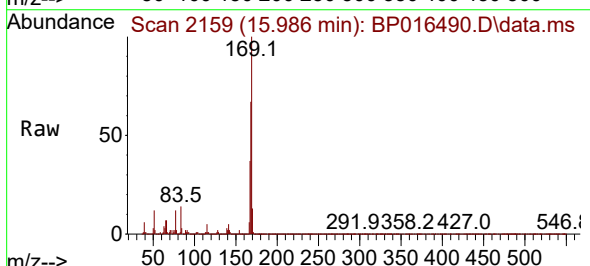
Instrument :
BNA_P
ClientSampleId :
PB154372BS

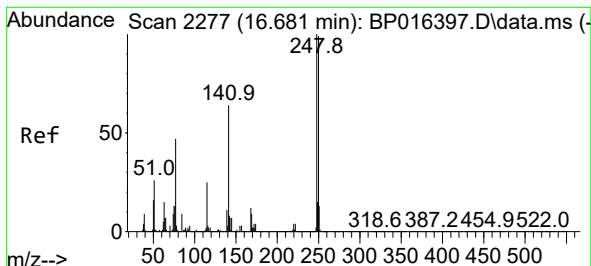
Tgt Ion:198 Resp: 373017
Ion Ratio Lower Upper
198 100
51 43.1 20.1 60.1
105 46.2 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 49.280 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:169 Resp: 2214307
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.5 29.2 43.8

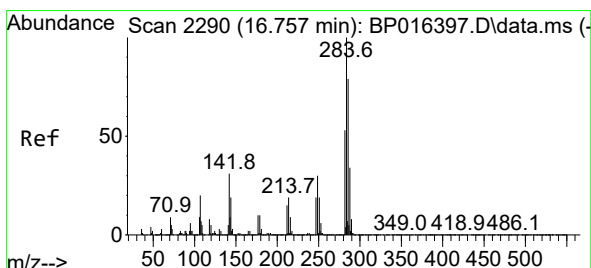
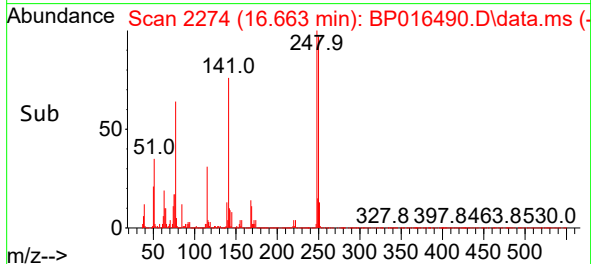
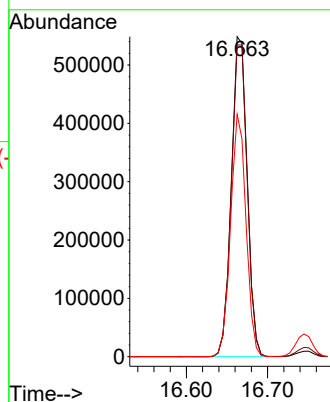
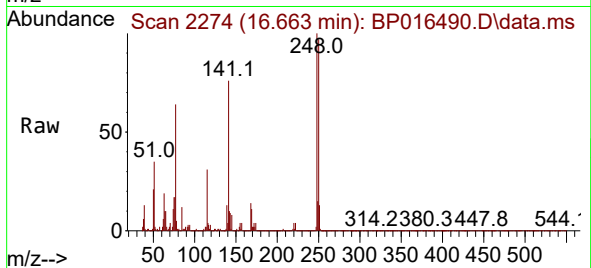




#67
4-Bromophenyl-phenylether
Concen: 46.042 ng
RT: 16.663 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

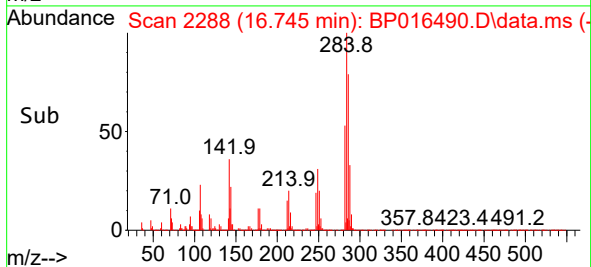
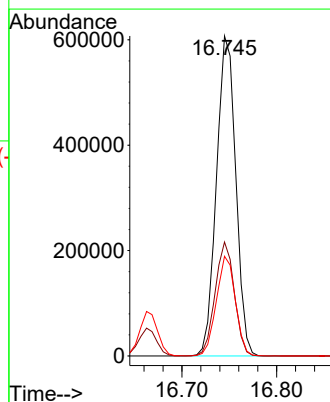
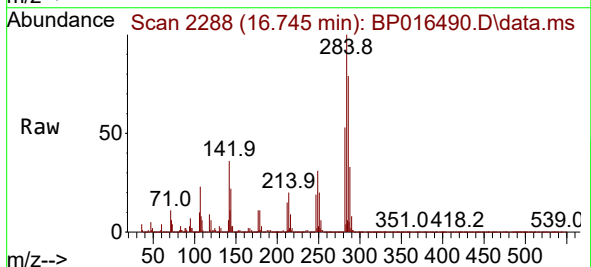
Instrument :
BNA_P
ClientSampleId :
PB154372BS

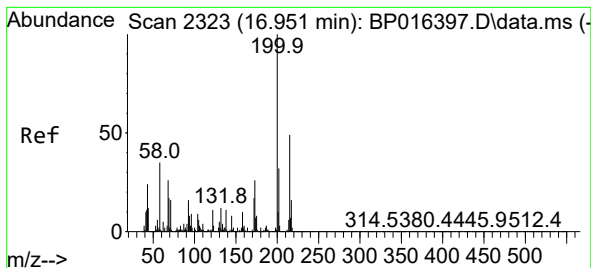
Tgt Ion:248 Resp: 743312
Ion Ratio Lower Upper
248 100
250 97.4 78.9 118.3
141 75.8 51.0 76.4



#68
Hexachlorobenzene
Concen: 47.806 ng
RT: 16.745 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:284 Resp: 860676
Ion Ratio Lower Upper
284 100
142 35.6 25.2 37.8
249 31.1 26.0 39.0





#69

Atrazine

Concen: 56.017 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

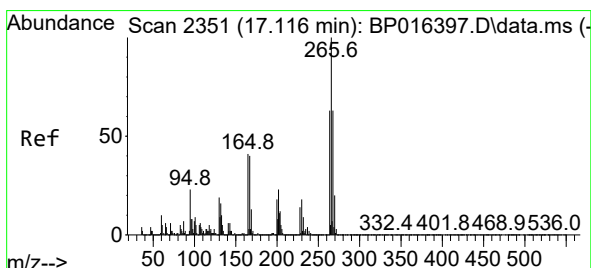
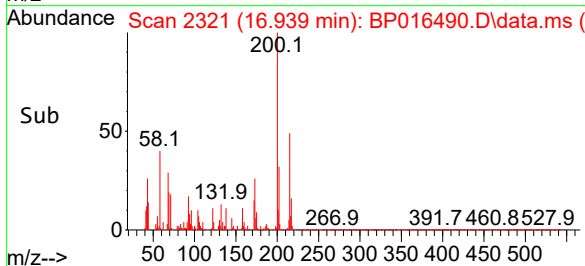
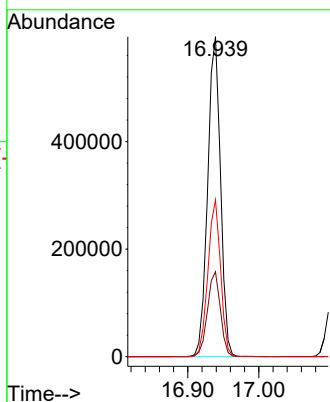
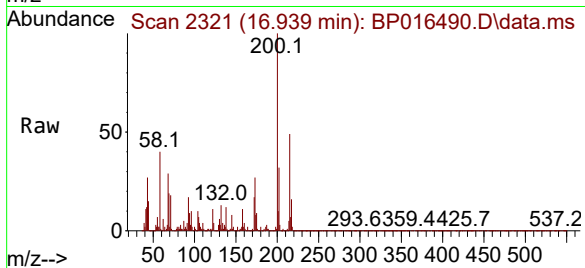
Tgt Ion:200 Resp: 748549

Ion Ratio Lower Upper

200 100

173 26.6 5.8 45.8

215 49.0 29.2 69.2



#70

Pentachlorophenol

Concen: 79.214 ng

RT: 17.110 min Scan# 2350

Delta R.T. -0.006 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

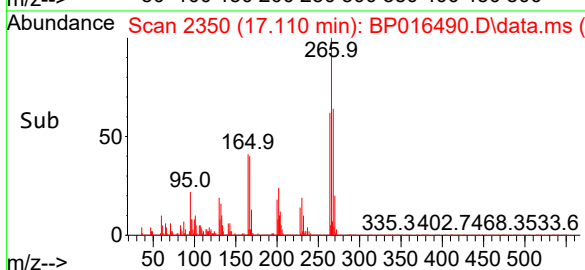
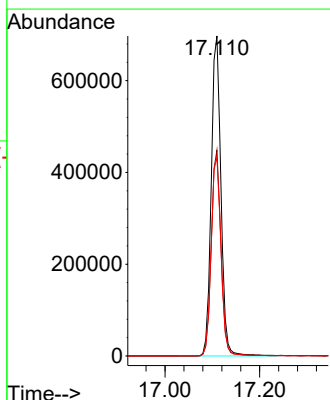
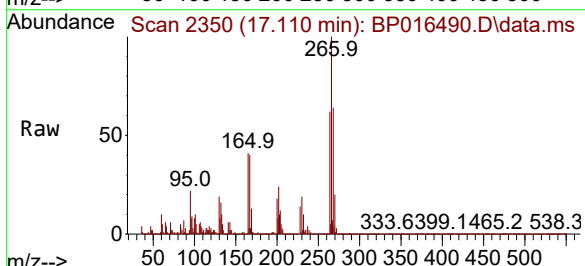
Tgt Ion:266 Resp: 986925

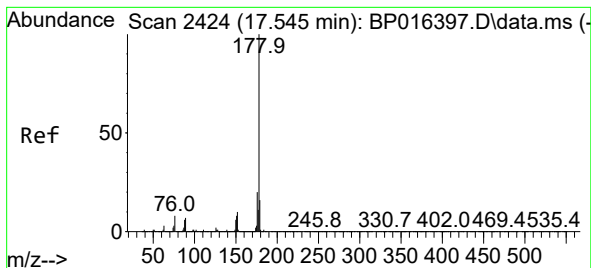
Ion Ratio Lower Upper

266 100

268 64.3 53.9 80.9

264 62.2 54.9 82.3





#71

Phenanthrene

Concen: 48.099 ng

RT: 17.533 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

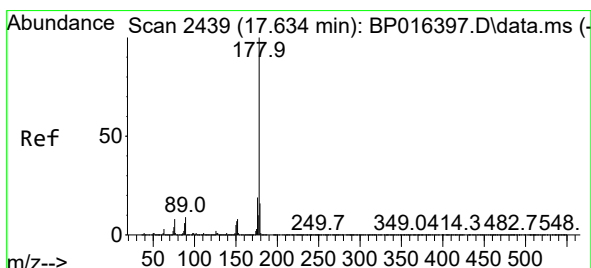
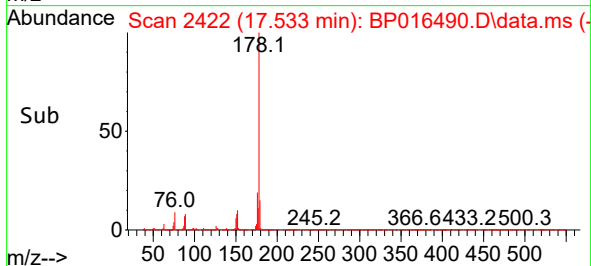
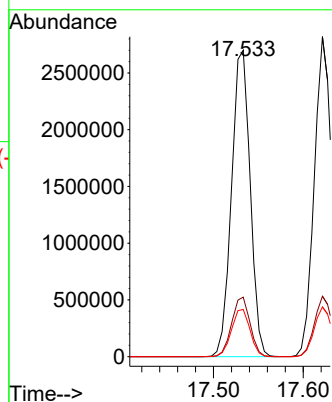
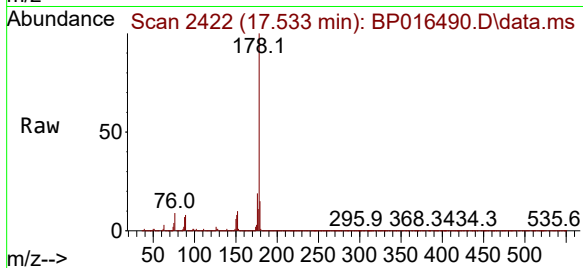
Tgt Ion:178 Resp: 3894045

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.4 12.4 18.6



#72

Anthracene

Concen: 47.818 ng

RT: 17.621 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

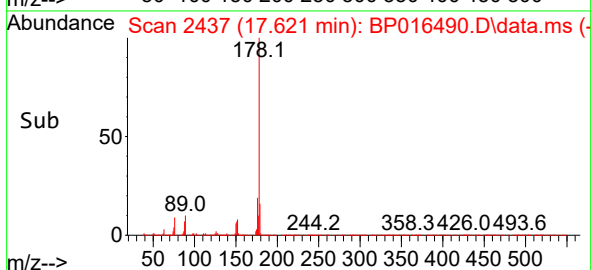
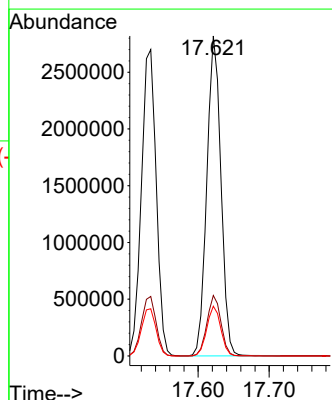
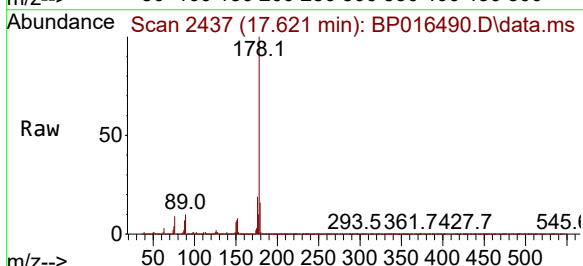
Tgt Ion:178 Resp: 3892679

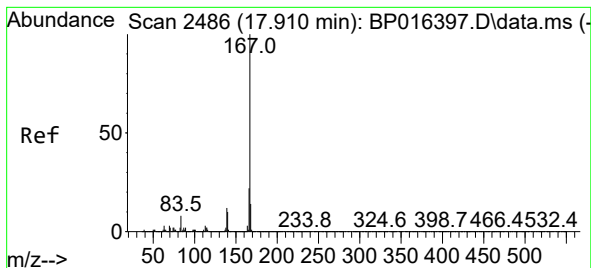
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.6 12.6 19.0





#73

Carbazole

Concen: 47.902 ng

RT: 17.898 min Scan# 2486

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

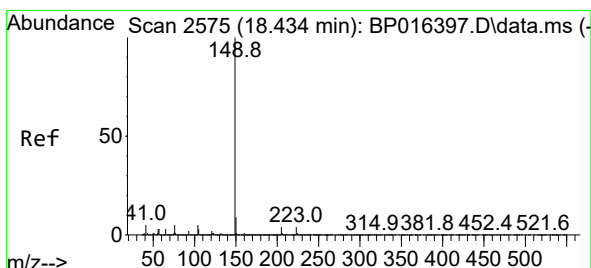
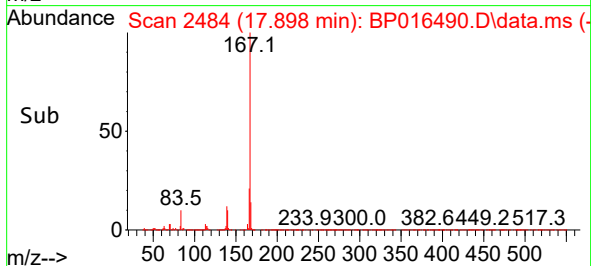
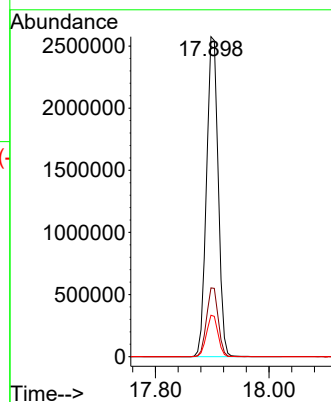
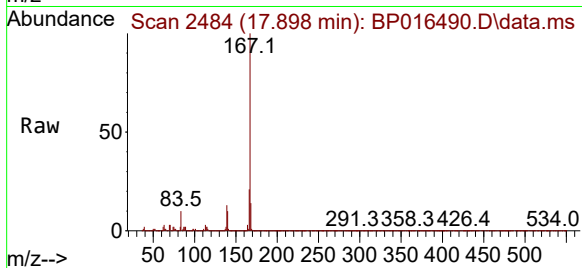
Tgt Ion:167 Resp: 3656047

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.0 9.9 14.9



#74

Di-n-butylphthalate

Concen: 48.380 ng

RT: 18.415 min Scan# 2572

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

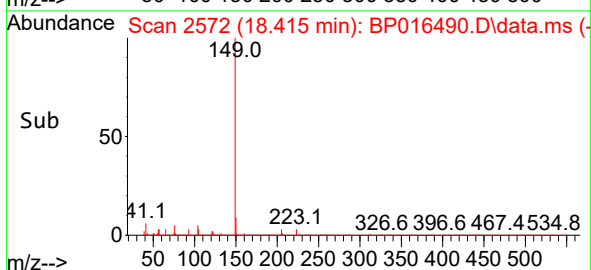
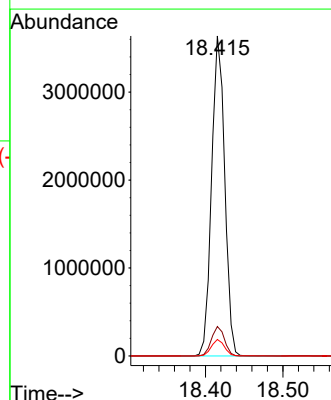
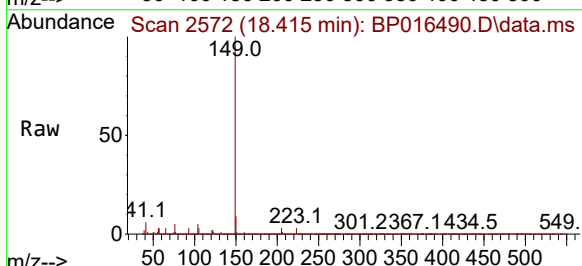
Tgt Ion:149 Resp: 4271953

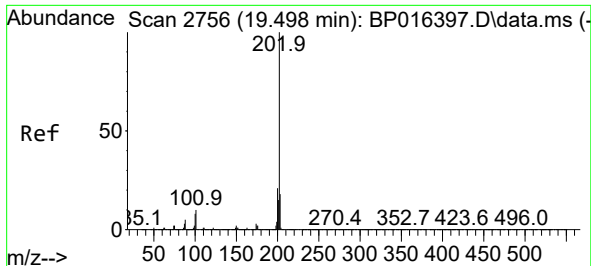
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.1 3.8 5.8

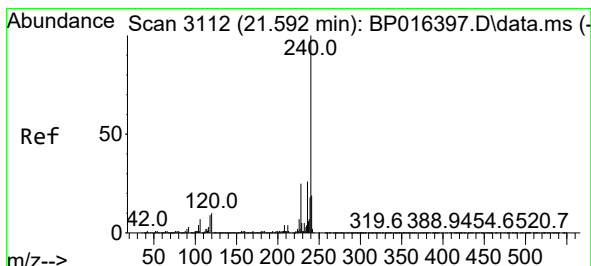
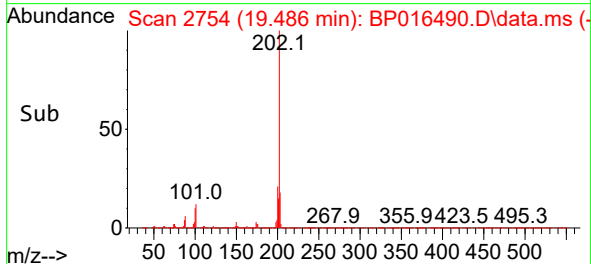
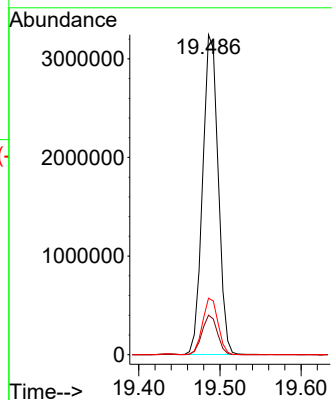
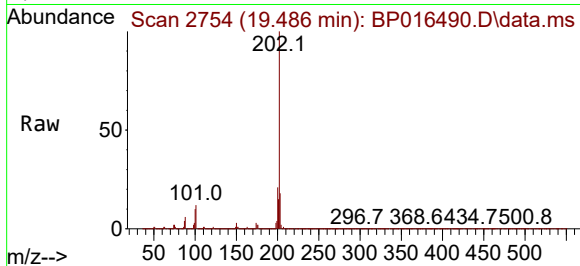




#75
Fluoranthene
Concen: 45.354 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

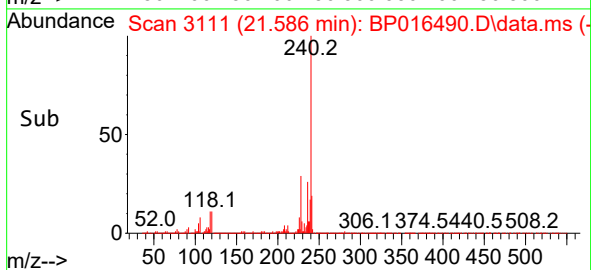
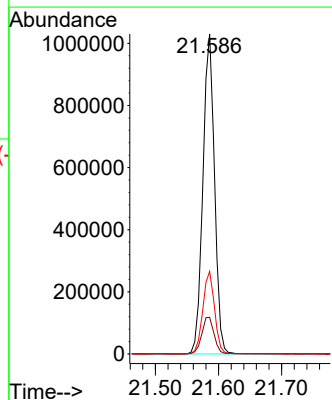
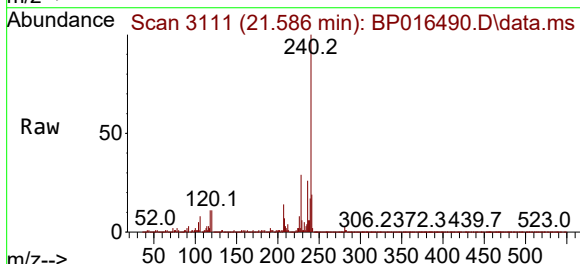
Instrument :
BNA_P
ClientSampleId :
PB154372BS

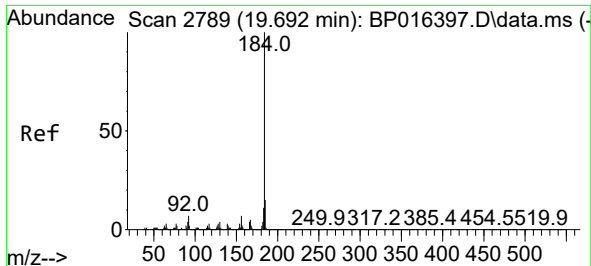
Tgt Ion:202 Resp: 4303693
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.2
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:240 Resp: 1317446
Ion Ratio Lower Upper
240 100
120 11.5 7.9 11.9
236 25.8 21.1 31.7

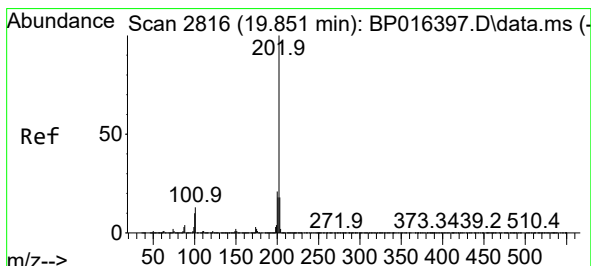
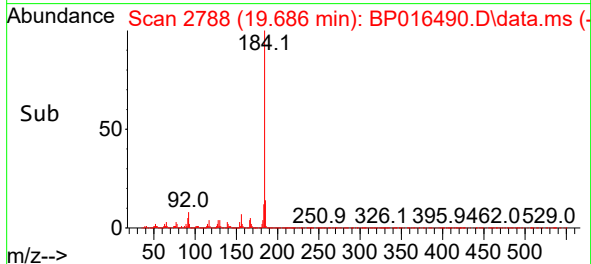
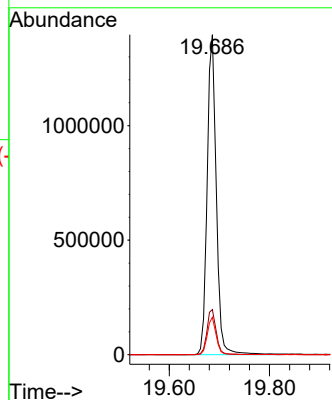
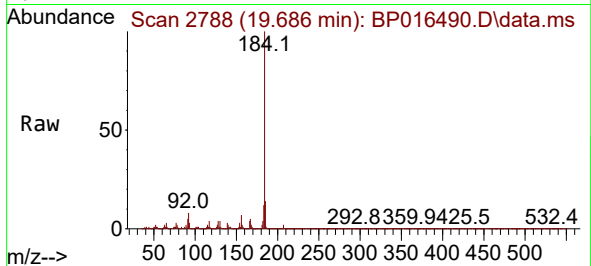




#77
Benzidine
Concen: 77.448 ng
RT: 19.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

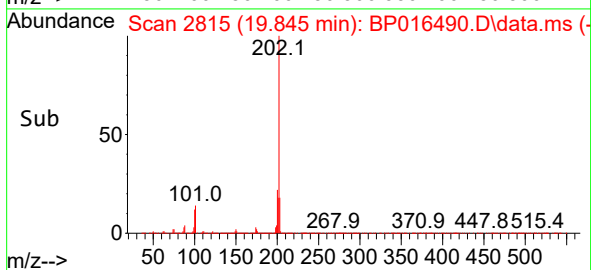
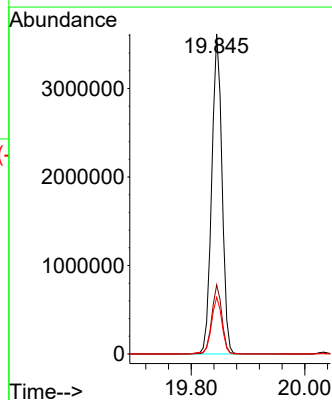
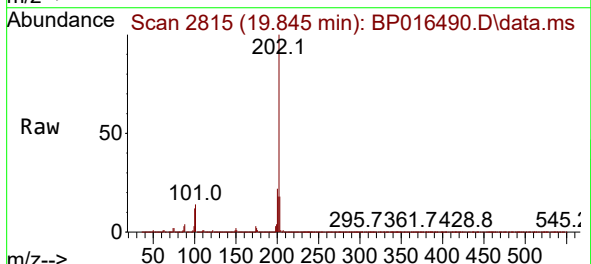
Instrument :
BNA_P
ClientSampleId :
PB154372BS

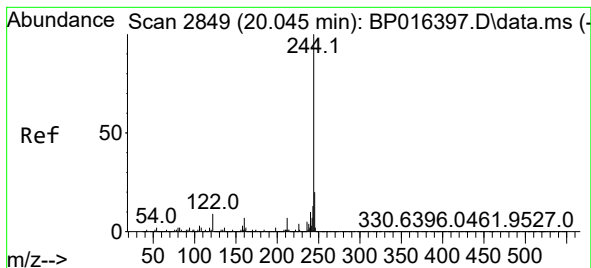
Tgt Ion:184 Resp: 1769026
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 11.7 9.2 13.8



#78
Pyrene
Concen: 51.095 ng
RT: 19.845 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:202 Resp: 4512498
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 100.457 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

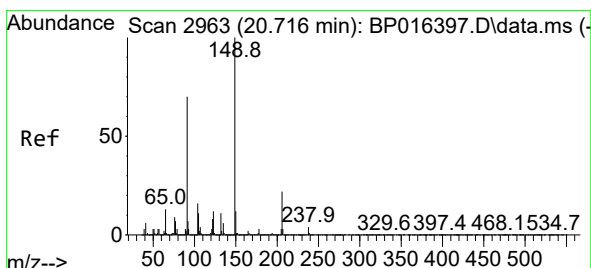
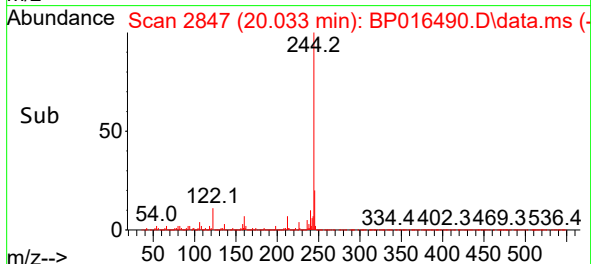
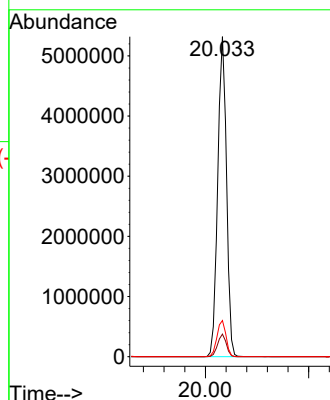
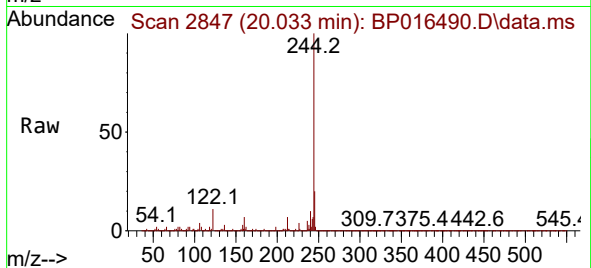
Tgt Ion:244 Resp: 6265145

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.3 7.4 11.2#



#80

Butylbenzylphthalate

Concen: 54.195 ng

RT: 20.709 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

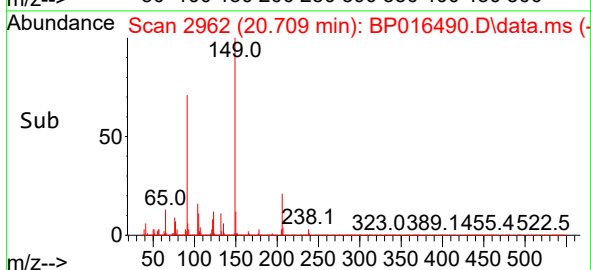
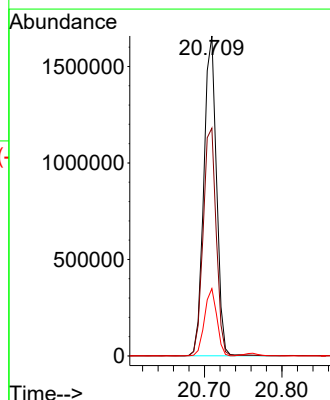
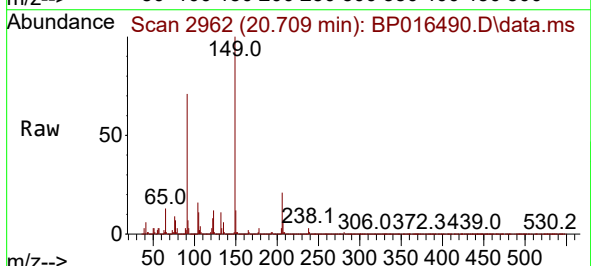
Tgt Ion:149 Resp: 1880327

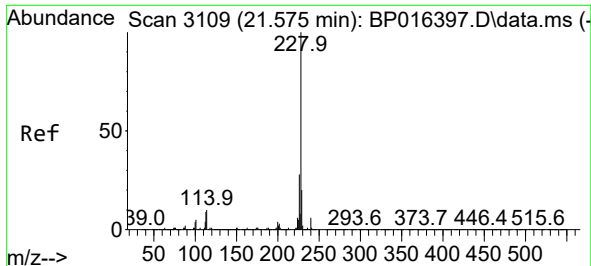
Ion Ratio Lower Upper

149 100

91 71.2 56.1 84.1

206 21.0 17.8 26.6

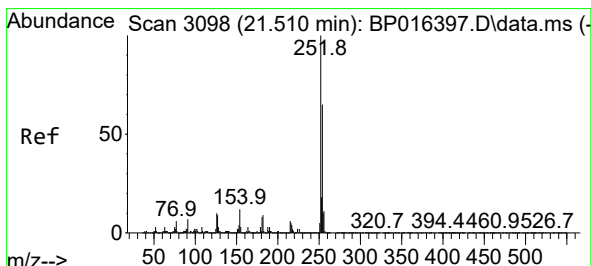
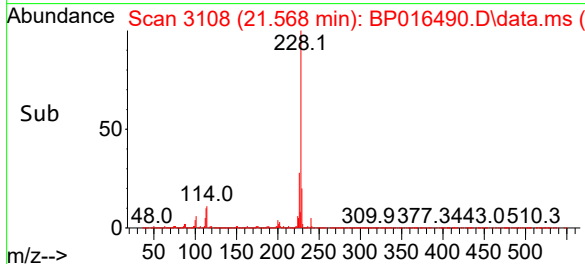
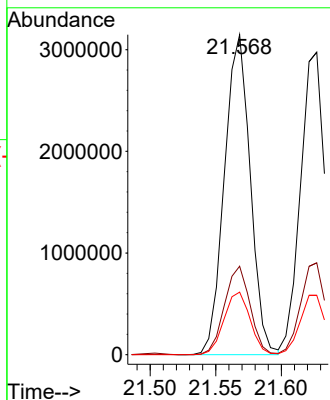
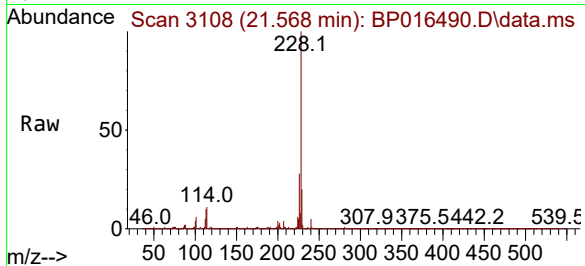




#81
Benzo(a)anthracene
Concen: 48.818 ng
RT: 21.568 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

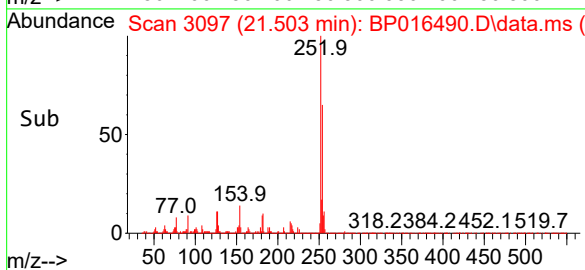
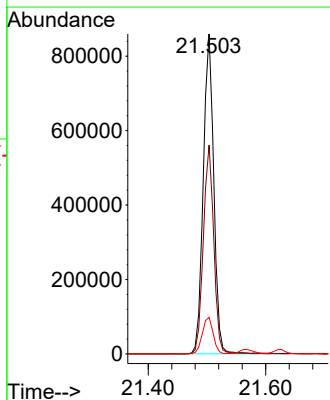
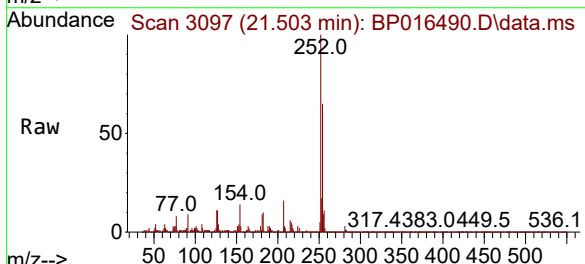
Instrument :
BNA_P
ClientSampleId :
PB154372BS

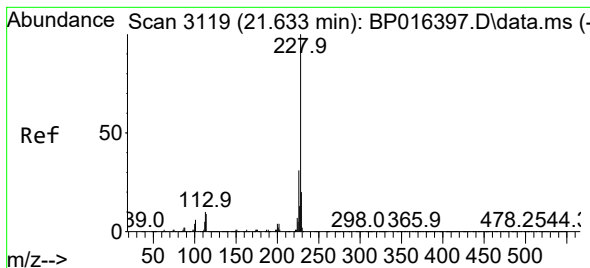
Tgt Ion:228 Resp: 4315266
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 19.5 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 36.645 ng
RT: 21.503 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:252 Resp: 1063314
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.2
126 11.4 7.8 11.6





#83

Chrysene

Concen: 46.828 ng

RT: 21.627 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

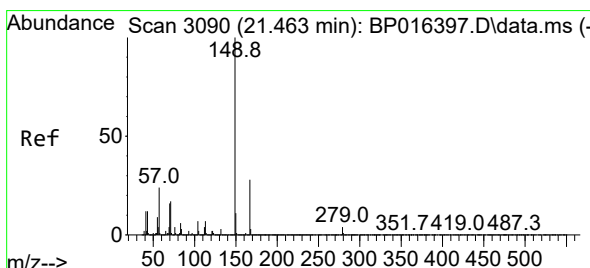
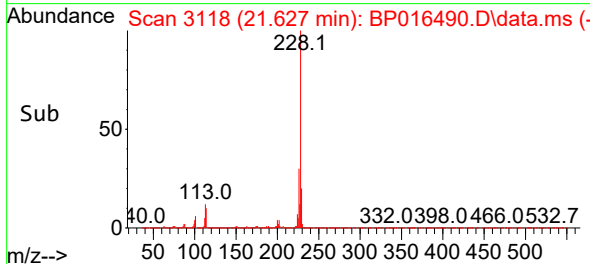
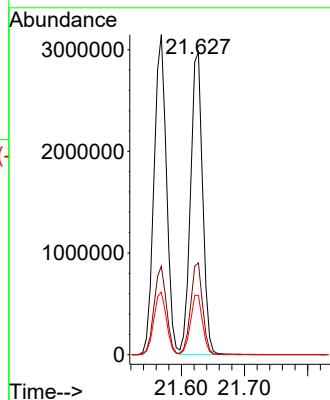
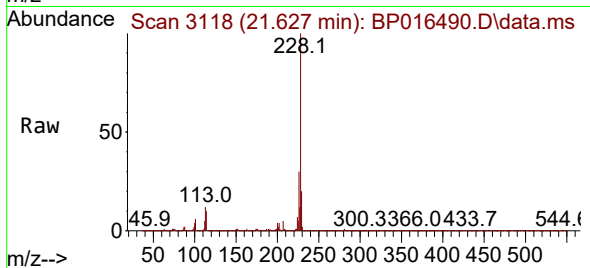
Tgt Ion:228 Resp: 3952710

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.950 ng

RT: 21.451 min Scan# 3088

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

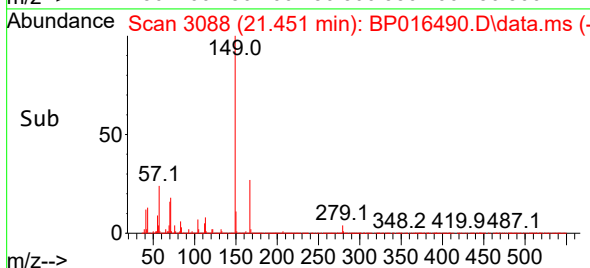
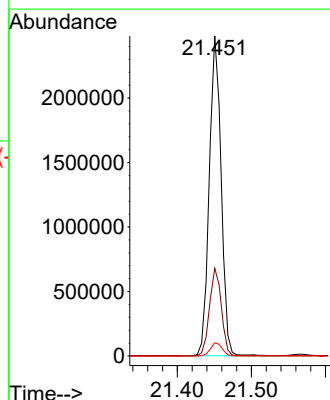
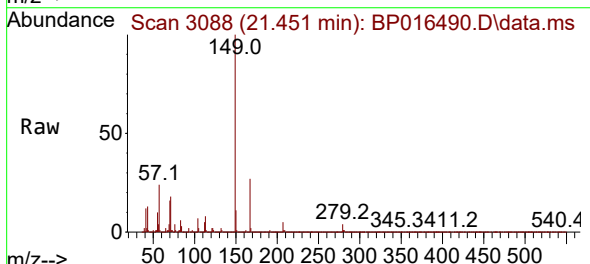
Tgt Ion:149 Resp: 2758165

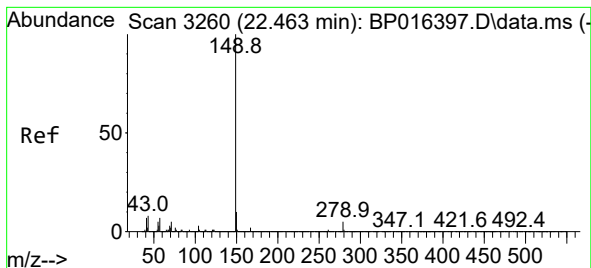
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 53.983 ng

RT: 22.445 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

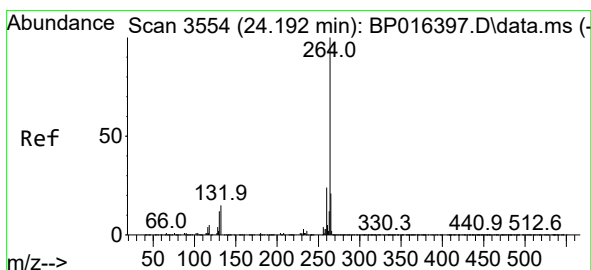
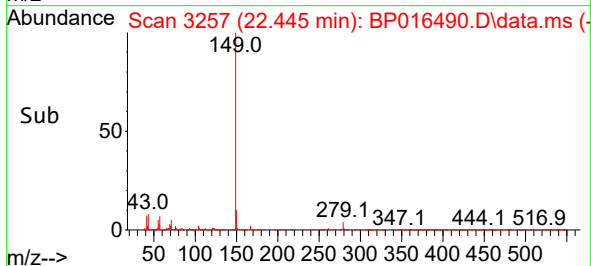
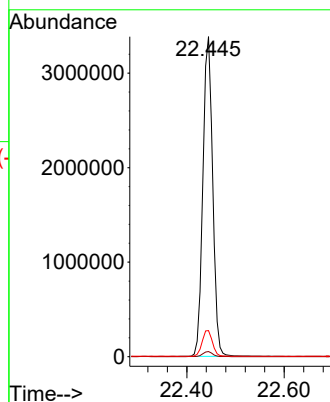
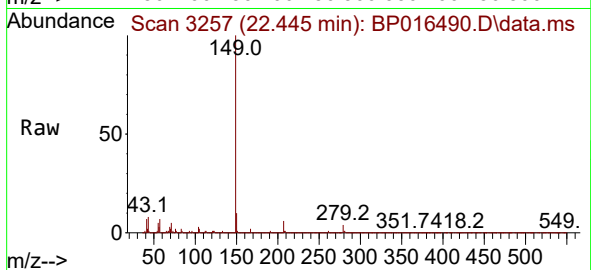
Tgt Ion:149 Resp: 4729308

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

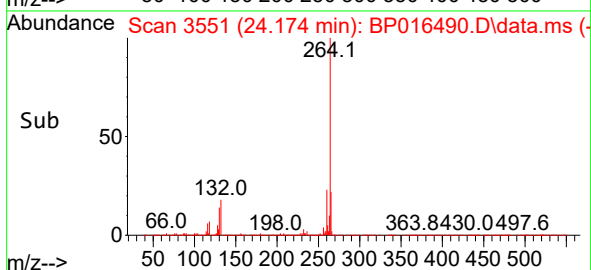
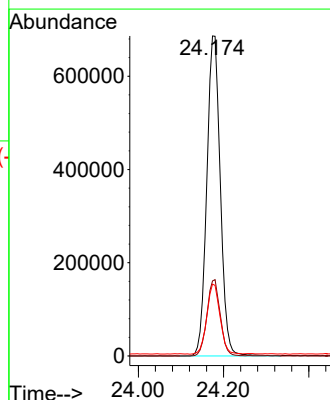
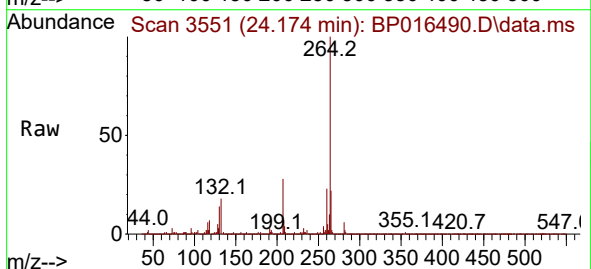
Tgt Ion:264 Resp: 1509682

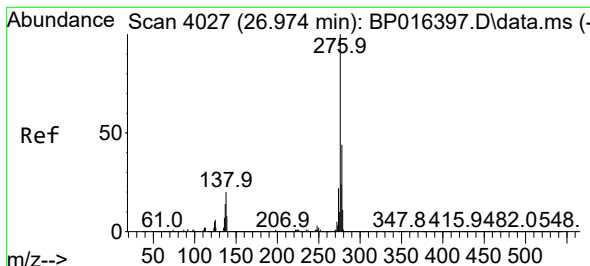
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.193 ng

RT: 26.950 min Scan# 4023

Delta R.T. -0.024 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

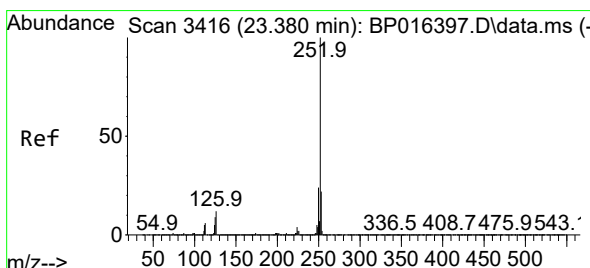
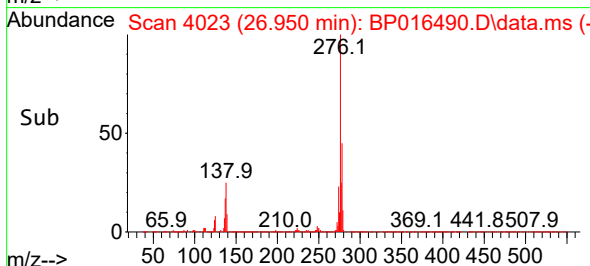
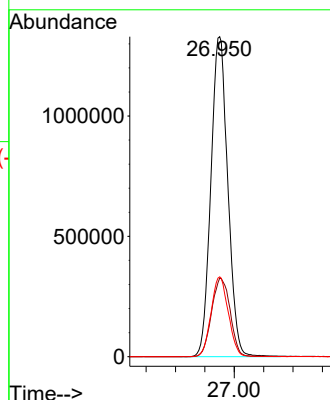
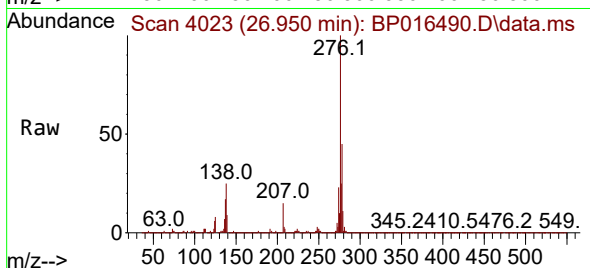
Tgt Ion:276 Resp: 5312269

Ion Ratio Lower Upper

276 100

138 26.8 18.4 27.6

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.777 ng

RT: 23.368 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

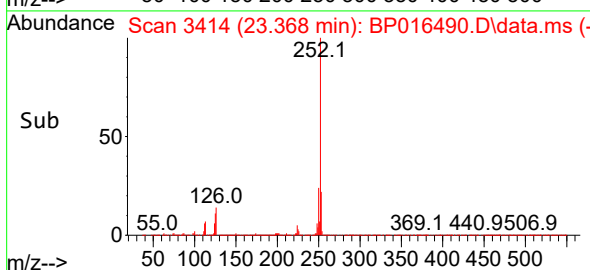
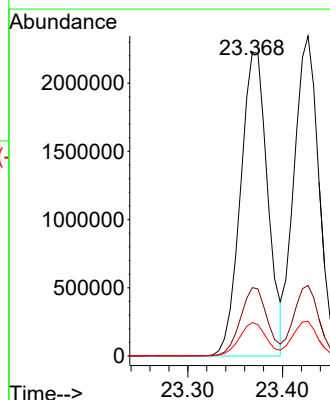
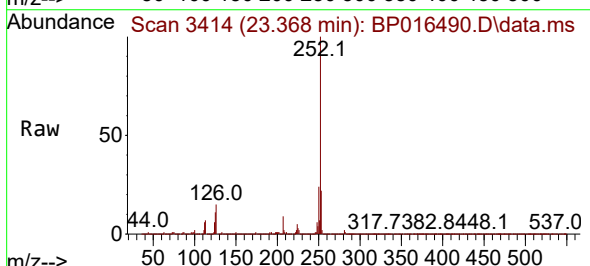
Tgt Ion:252 Resp: 4443547

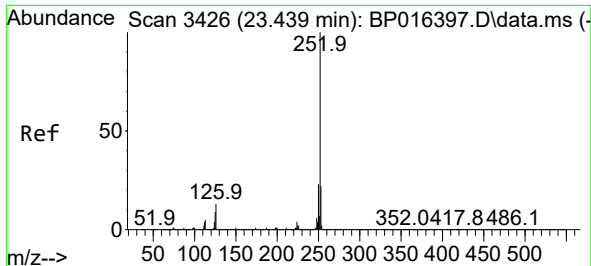
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.0 7.4 11.2

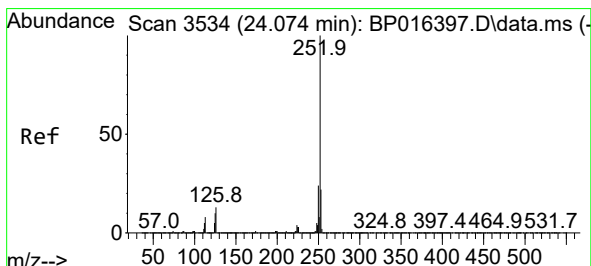
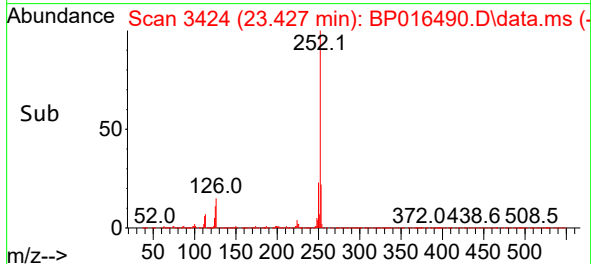
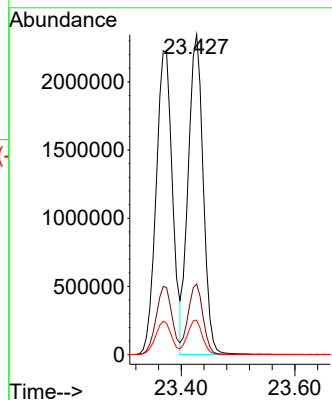
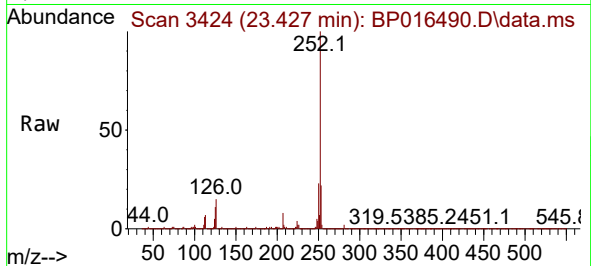




#89
Benzo(k)fluoranthene
Concen: 48.180 ng
RT: 23.427 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

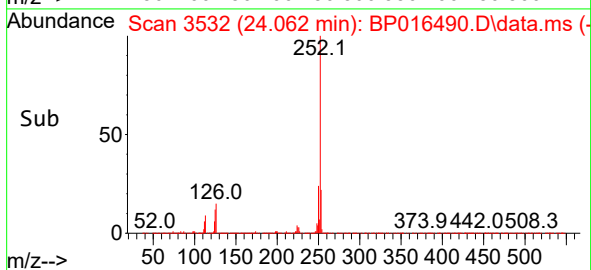
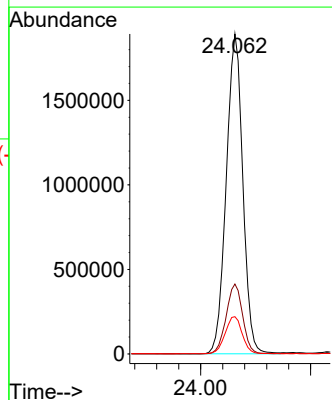
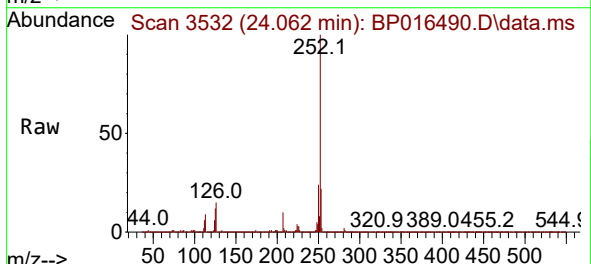
Instrument :
BNA_P
ClientSampleId :
PB154372BS

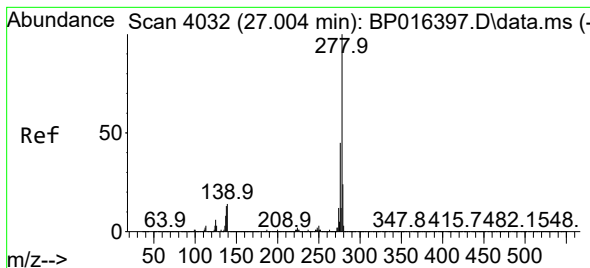
Tgt Ion:252 Resp: 4288014
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.8 7.1 10.7#



#90
Benzo(a)pyrene
Concen: 46.697 ng
RT: 24.062 min Scan# 3532
Delta R.T. -0.012 min
Lab File: BP016490.D
Acq: 03 Aug 2023 13:59

Tgt Ion:252 Resp: 3958194
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 52.488 ng

RT: 26.980 min Scan# 4032

Delta R.T. -0.024 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Instrument :

BNA_P

ClientSampleId :

PB154372BS

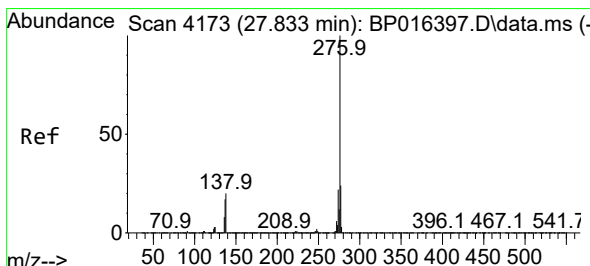
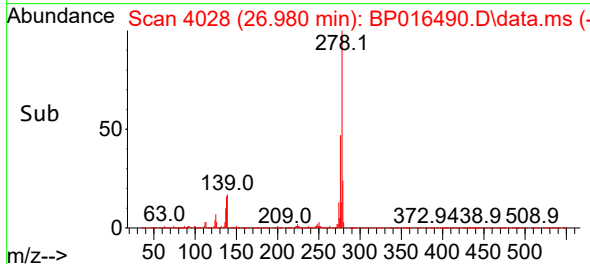
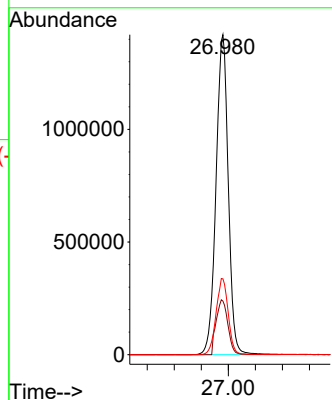
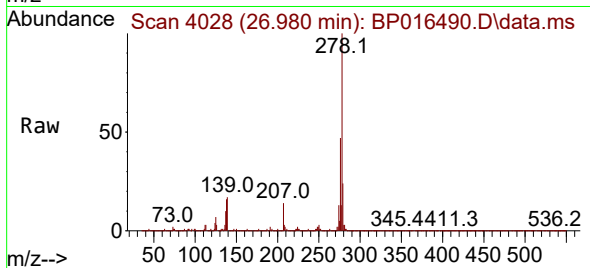
Tgt Ion:278 Resp: 4455160

Ion Ratio Lower Upper

278 100

139 16.7 11.6 17.4

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 52.778 ng

RT: 27.809 min Scan# 4169

Delta R.T. -0.024 min

Lab File: BP016490.D

Acq: 03 Aug 2023 13:59

Tgt Ion:276 Resp: 4316967

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 23.6 16.1 24.1

