

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
 Data File : BP015497.D
 Acq On : 13 Jun 2023 15:35
 Operator : MA/JU
 Sample : 03078-15MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ESQY0MS

Quant Time: Jun 14 00:14:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	173675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	835005	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	552583	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1263781	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1211634	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1345045	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	15627	3.332	ng/uL	0.00
4) Pyridine-d5	3.822	84	740	0.061	ng/u1	-0.02
7) Phenol-d5	7.246	99	284630	17.789	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	183934	19.249	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	228329	19.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	240804	18.338	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	122555	18.695	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	145524	19.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	262287	19.206	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	214073	10.921	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	892298	20.478	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	972956	20.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	137788	17.658	ng/u1	0.00
60) Fluorene-d10	15.728	176	740681	20.157	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	146686	18.322	ng/u1	0.00
73) Anthracene-d10	17.592	188	1203085	20.923	ng/u1	0.00
81) Pyrene-d10	19.816	212	1524464	23.508	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1513342	22.424	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	34906	7.046	ng/uL	87
6) Benzaldehyde	7.222	77	204124	33.377	ng/u1	95
8) Phenol	7.275	94	328791	19.918	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.510	93	253748	19.443	ng/u1	98
12) 2-Chlorophenol	7.652	128	239632	19.551	ng/u1	98
13) 2-Methylphenol	8.540	108	232497	18.306	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.622	45	356830	20.632	ng/u1	99
16) Acetophenone	8.928	105	517181	24.679	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.904	70	223233	19.736	ng/u1	98
18) 4-Methylphenol	8.869	108	267010	19.108	ng/u1	100
19) Hexachloroethane	9.181	117	104963	20.266	ng/u1	100
22) Nitrobenzene	9.310	77	341471	19.641	ng/u1	98
23) Isophorone	9.840	82	663892	19.076	ng/u1	100
25) 2-Nitrophenol	10.028	139	159371	19.717	ng/u1	98
26) 2,4-Dimethylphenol	10.081	107	187589	10.944	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.322	93	390293	19.290	ng/u1	99
29) 2,4-Dichlorophenol	10.563	162	270302	19.907	ng/u1	96
30) Naphthalene	10.969	128	874540	19.328	ng/u1	99
32) 4-Chloroaniline	11.087	127	311610	15.363	ng/u1	100
33) Hexachlorobutadiene	11.245	225	180806	19.745	ng/u1	98
34) Caprolactam	11.863	113	91173	17.837	ng/u1	92
35) 4-Chloro-3-methylphenol	12.198	107	316867	19.260	ng/u1	99
36) 2-Methylnaphthalene	12.569	142	620445	19.505	ng/u1	99
37) 1-Methylnaphthalene	12.787	142	629096	19.643	ng/u1	98

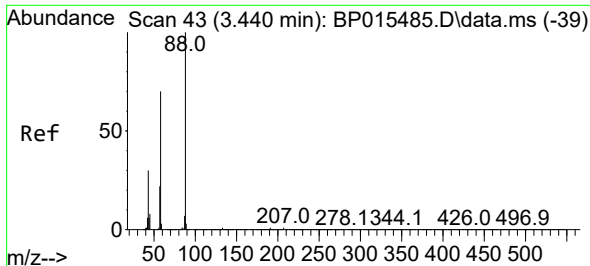
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.934	216	350454	20.367	ng/ul	98
40) Hexachlorocyclopentadiene	12.904	237	99570	14.117	ng/ul	100
41) 2,4,6-Trichlorophenol	13.175	196	234245	20.454	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	258222	20.691	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	862249	20.177	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	678310	20.231	ng/ul	99
45) 2-Nitroaniline	13.822	65	227055	21.160	ng/ul	97
47) Dimethylphthalate	14.186	163	903956	20.092	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	187222	20.312	ng/ul	99
50) Acenaphthylene	14.457	152	1049400	19.888	ng/ul	100
51) 3-Nitroaniline	14.645	138	172927	22.726	ng/ul	96
52) Acenaphthene	14.798	153	735899	20.176	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	94119	16.974	ng/ul	95
55) 4-Nitrophenol	14.951	109	139564	18.542	ng/ul	97
56) Dibenzofuran	15.134	168	1035894	20.039	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	283275	20.895	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	235867	20.932	ng/ul	96
59) Diethylphthalate	15.545	149	967623	20.985	ng/ul	99
61) Fluorene	15.786	166	852208	20.223	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.775	204	432022	20.341	ng/ul	98
63) 4-Nitroaniline	15.810	138	180111	24.955	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.869	198	161949	19.833	ng/ul#	96
67) N-Nitrosodiphenylamine	15.986	169	737707	20.576	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	283183	20.945	ng/ul	97
69) Hexachlorobenzene	16.792	284	338102	21.200	ng/ul	96
70) Atrazine	16.945	200	309968	21.650	ng/ul	100
71) Pentachlorophenol	17.139	266	190017	21.080	ng/ul	99
72) Phenanthrene	17.533	178	1489354	21.961	ng/ul	99
74) Anthracene	17.627	178	1431774	20.807	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	354929	20.349	ng/uL	99
76) Pentachlorobenzene	15.051	250	368587	20.184	ng/uL	96
77) Carbazole	17.898	167	1354322	21.858	ng/ul	100
78) Di-n-butylphthalate	18.422	149	1829754	23.276	ng/ul	99
80) Fluoranthene	19.486	202	1955415	24.755	ng/ul	99
82) Pyrene	19.845	202	1980777	24.238	ng/ul	99
83) Butylbenzylphthalate	20.698	149	906442	25.095	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	508952	17.780	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1929432	22.779	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1495546	28.012	ng/ul	99
87) Chrysene	21.616	228	1839385	22.974	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	2337636	26.444	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1990787	22.929	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	1926000	22.948	ng/ul	99
93) Benzo(a)pyrene	24.009	252	1665996	22.009	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	2008185	20.499	ng/ul	98
95) Dibenzo(a,h)anthracene	26.839	278	1645159	20.613	ng/ul	99
96) Benzo(g,h,i)perylene	27.656	276	1296781	16.063	ng/ul	99

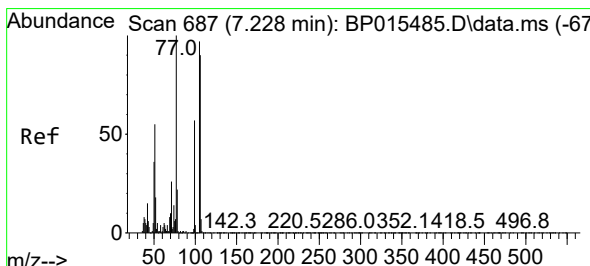
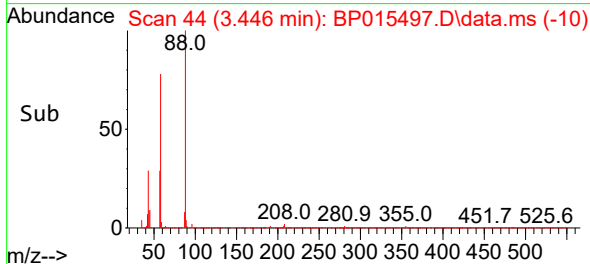
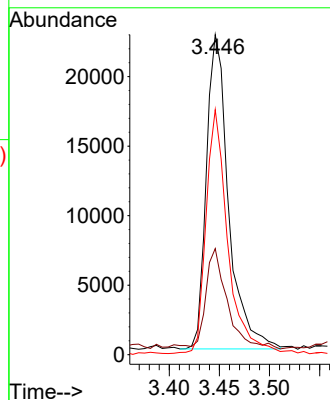
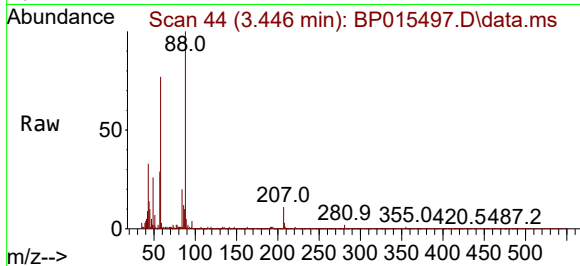
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#2
1,4-Dioxane
Concen: 7.046 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP015497.D
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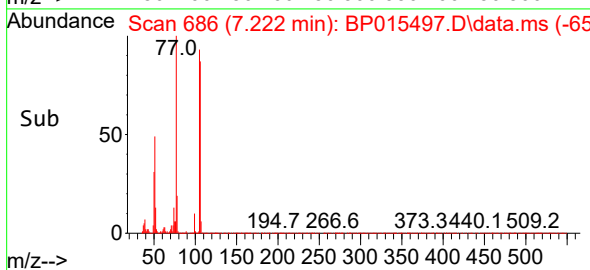
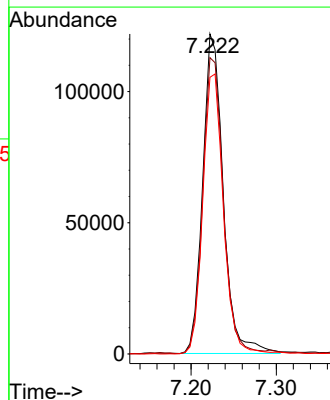
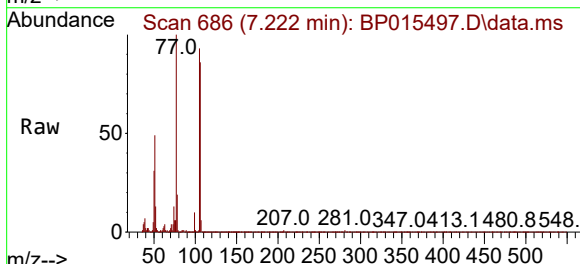
Instrument :
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ClientSampleId :
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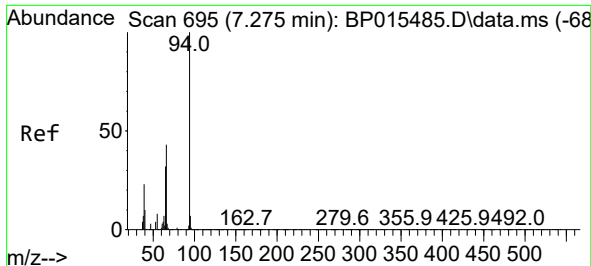
Tgt Ion: 88	Resp: 34906
Ion Ratio	Lower Upper
88 100	
43 33.1	23.9 35.9
58 76.6	51.4 77.2



#6
Benzaldehyde
Concen: 33.377 ng/uL
RT: 7.222 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion: 77	Resp: 204124
Ion Ratio	Lower Upper
77 100	
105 92.6	77.3 115.9
106 86.5	73.3 109.9





#8

Phenol

Concen: 19.918 ng/ul

RT: 7.275 min Scan# 695

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

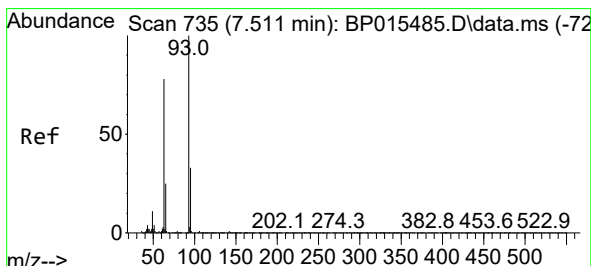
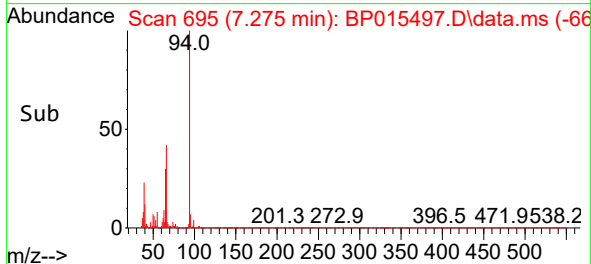
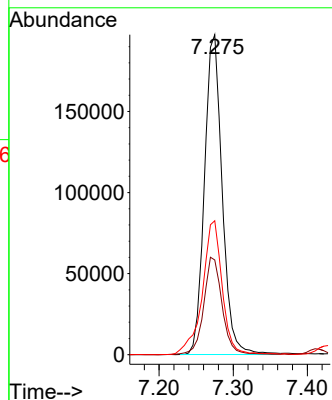
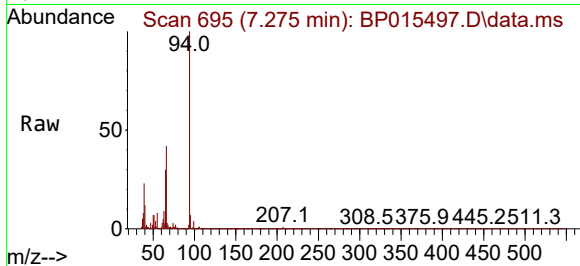
Tgt Ion: 94 Resp: 328791

Ion Ratio Lower Upper

94 100

65 29.6 23.5 35.3

66 41.9 34.2 51.4



#10

Bis(2-Chloroethyl)ether

Concen: 19.443 ng/ul

RT: 7.510 min Scan# 735

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

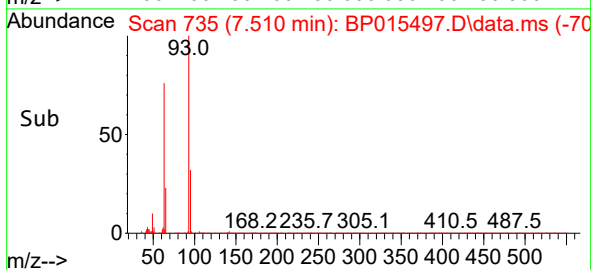
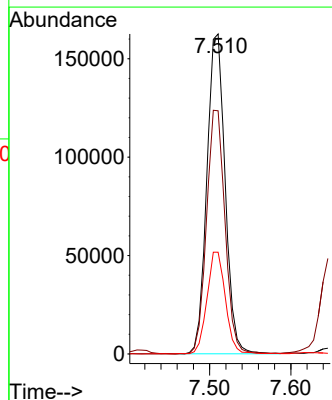
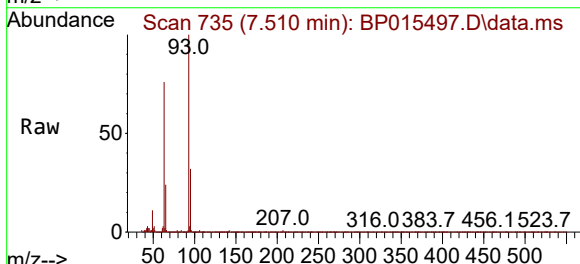
Tgt Ion: 93 Resp: 253748

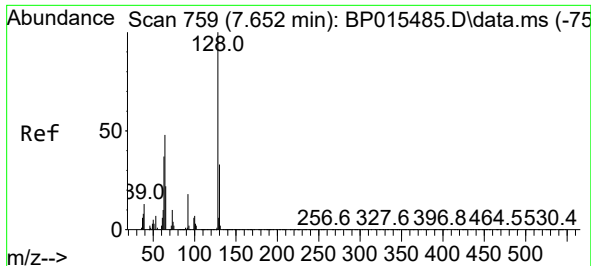
Ion Ratio Lower Upper

93 100

63 76.0 62.6 93.8

95 31.8 25.5 38.3

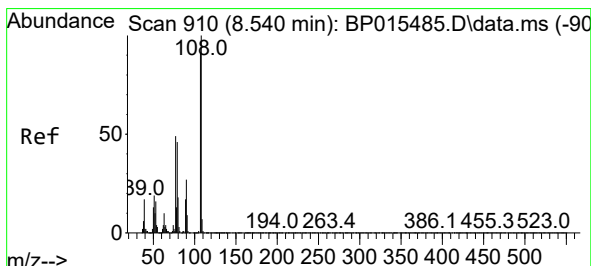
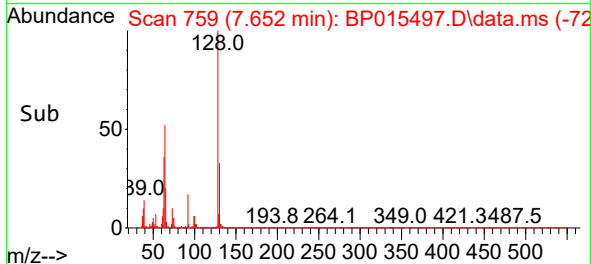
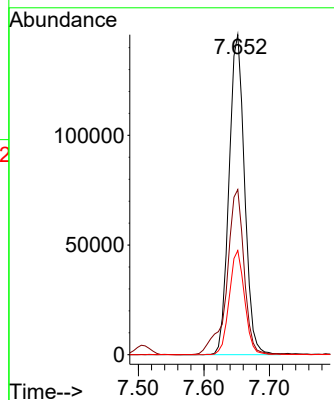
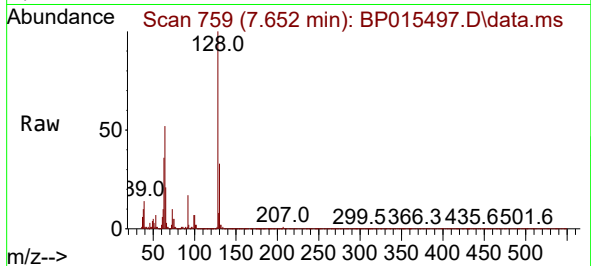




#12
2-Chlorophenol
Concen: 19.551 ng/ul
RT: 7.652 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

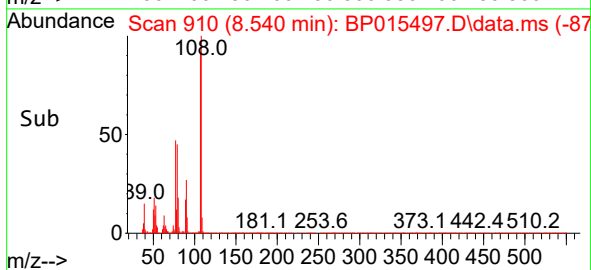
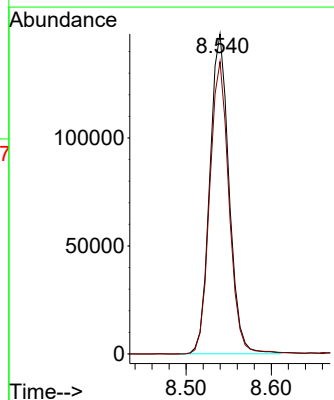
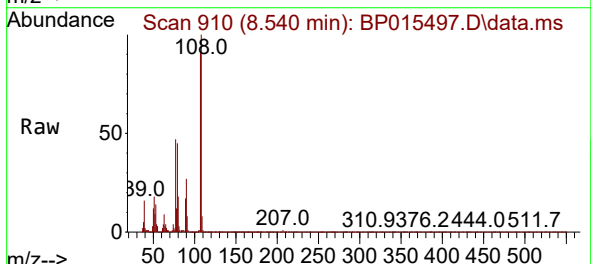
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BNA_P
ClientSampleId :
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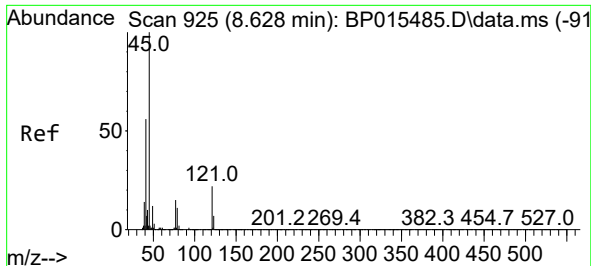
Tgt Ion:128 Resp: 239632
Ion Ratio Lower Upper
128 100
64 51.6 40.2 60.4
130 32.5 24.5 36.7



#13
2-Methylphenol
Concen: 18.306 ng/ul
RT: 8.540 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:108 Resp: 232497
Ion Ratio Lower Upper
108 100
107 91.4 71.2 106.8

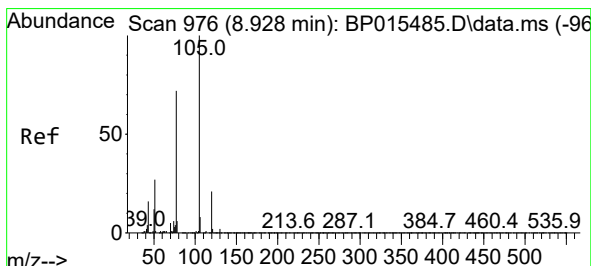
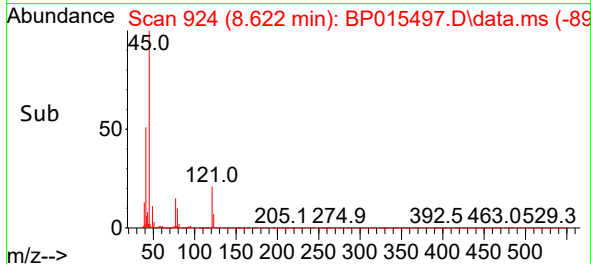
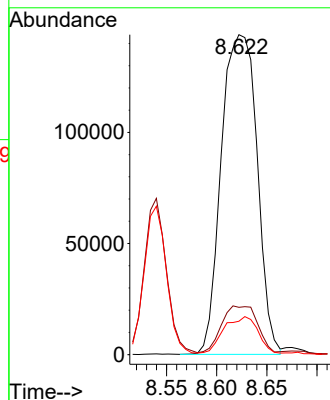
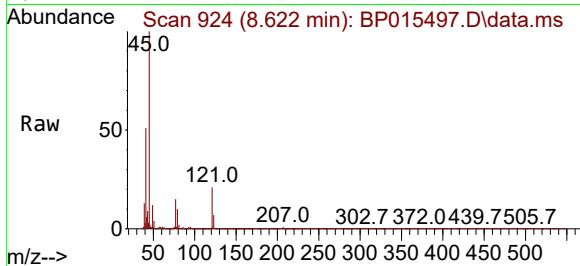




#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.632 ng/ul
RT: 8.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

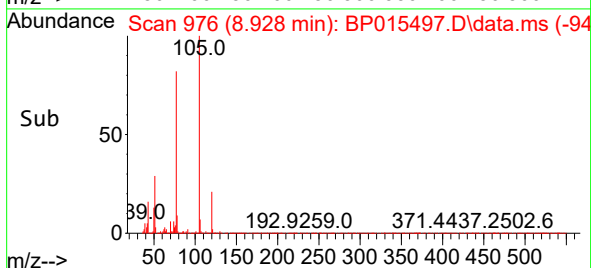
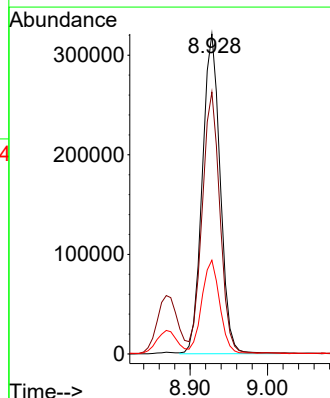
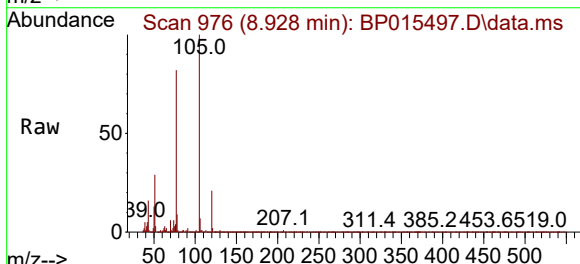
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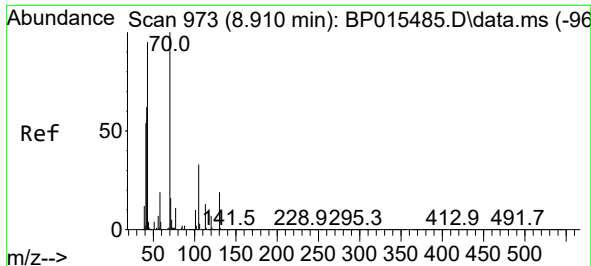
Tgt Ion: 45 Resp: 356830
Ion Ratio Lower Upper
45 100
77 14.8 11.8 17.8
79 10.5 8.7 13.1



#16
Acetophenone
Concen: 24.679 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion: 105 Resp: 517181
Ion Ratio Lower Upper
105 100
77 81.9 64.9 97.3
51 29.3 23.5 35.3

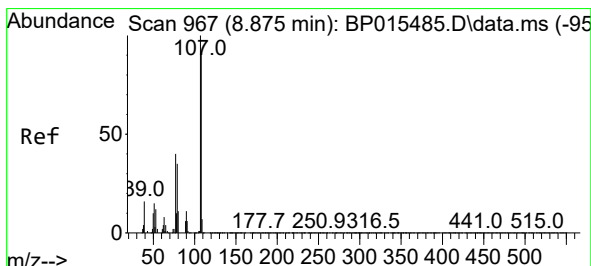
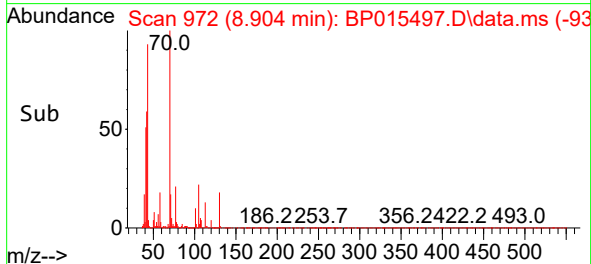
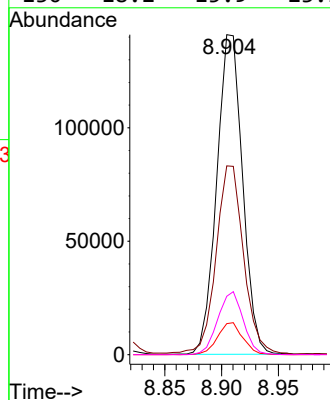
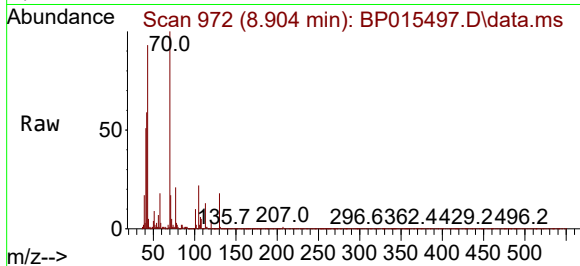




#17
N-Nitroso-di-n-propylamine
Concen: 19.736 ng/ul
RT: 8.904 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015497.D
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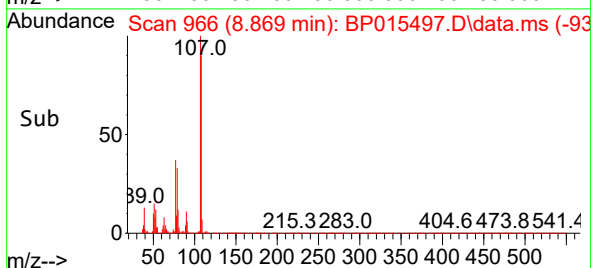
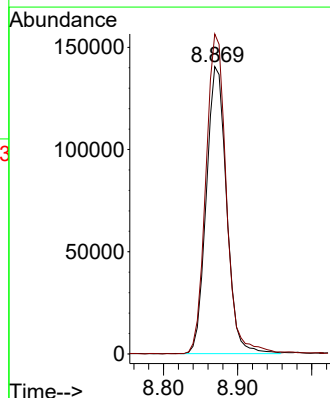
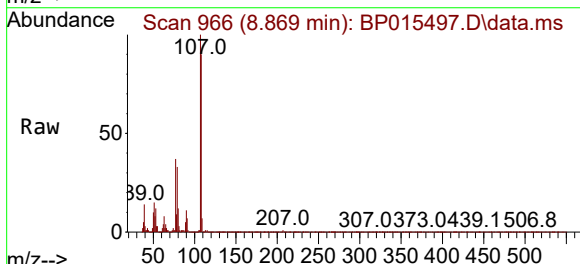
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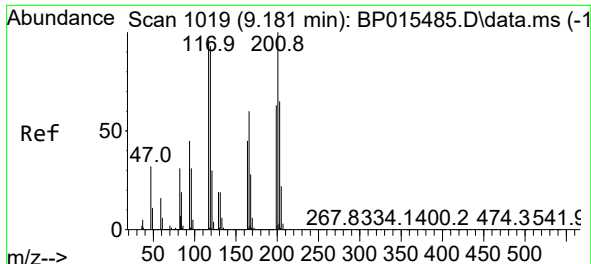
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Ion Ratio	Lower Upper
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101 9.7	7.8 11.6
130 18.2	15.9 23.9



#18
4-Methylphenol
Concen: 19.108 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:108	Resp: 267010
Ion Ratio	Lower Upper
108 100	
107 111.4	89.3 133.9

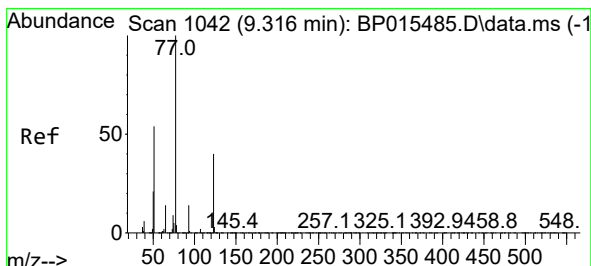
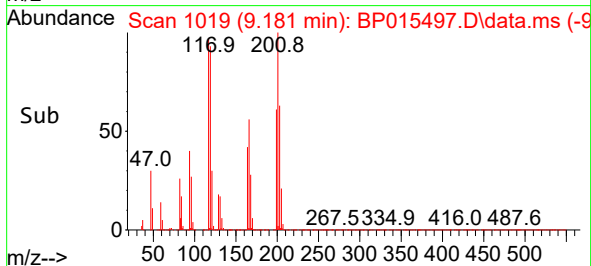
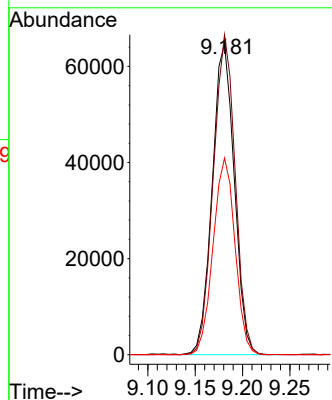
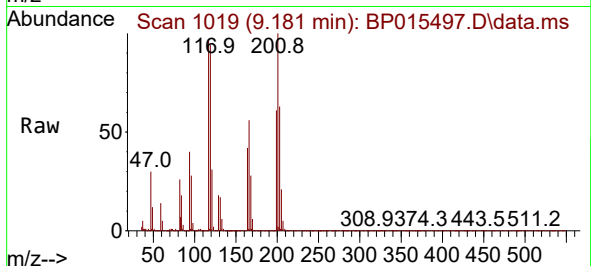




#19
Hexachloroethane
Concen: 20.266 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

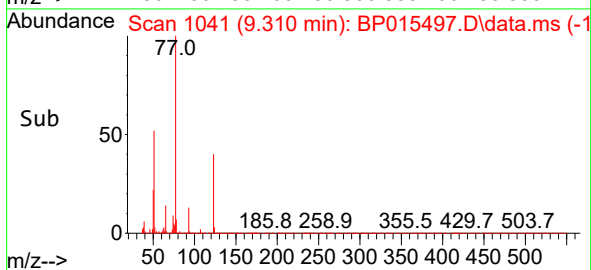
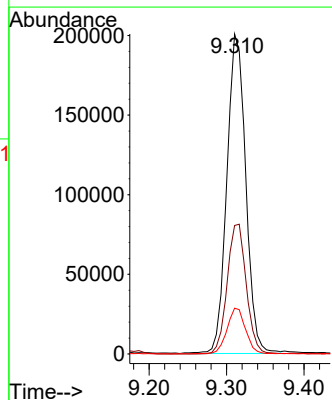
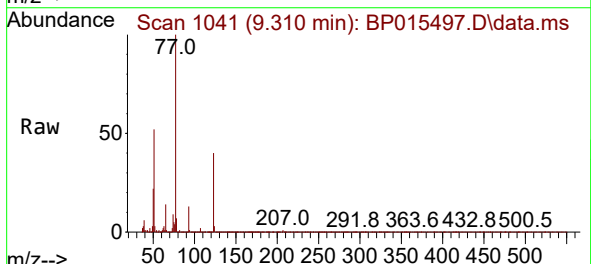
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

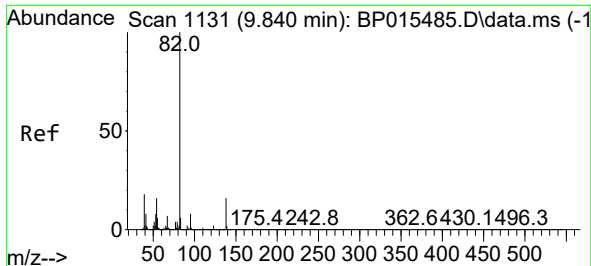
Tgt Ion:117 Resp: 104963
Ion Ratio Lower Upper
117 100
201 102.9 82.8 124.2
199 63.3 50.6 76.0



#22
Nitrobenzene
Concen: 19.641 ng/ul
RT: 9.310 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion: 77 Resp: 341471
Ion Ratio Lower Upper
77 100
123 40.2 33.5 50.3
65 14.3 11.6 17.4

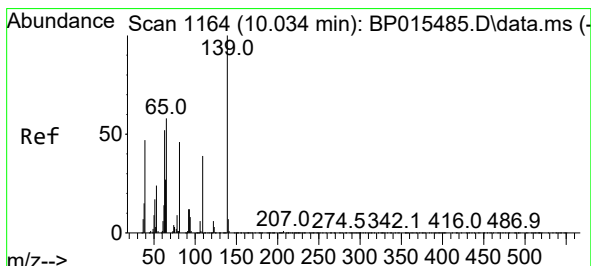
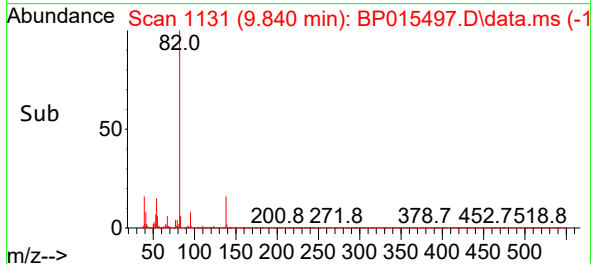
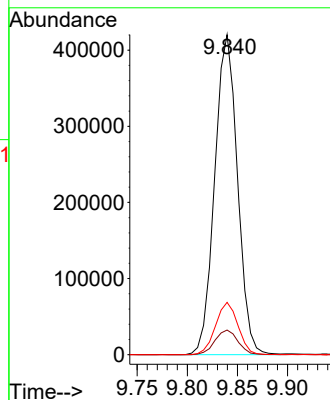
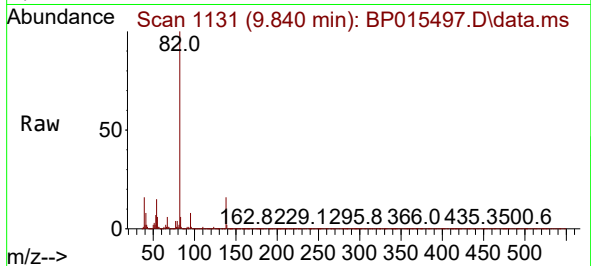




#23
Isophorone
Concen: 19.076 ng/ul
RT: 9.840 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

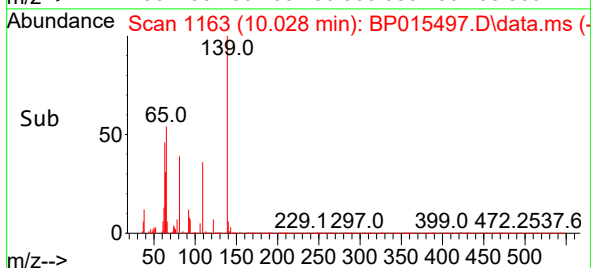
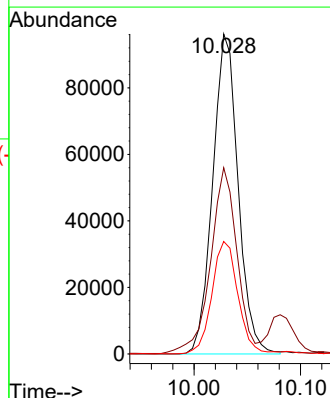
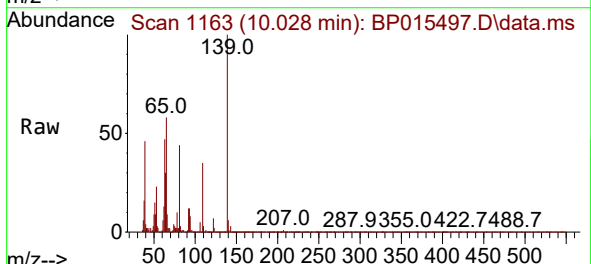
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

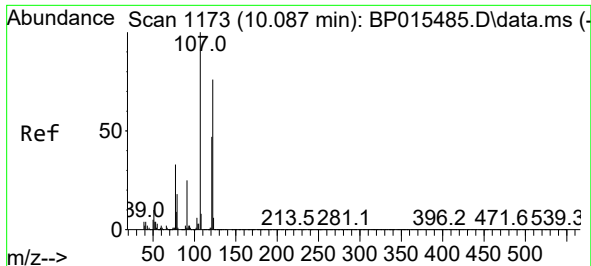
Tgt Ion: 82 Resp: 663892
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.4 13.1 19.7



#25
2-Nitrophenol
Concen: 19.717 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:139 Resp: 159371
Ion Ratio Lower Upper
139 100
65 58.2 46.9 70.3
109 35.1 30.2 45.2

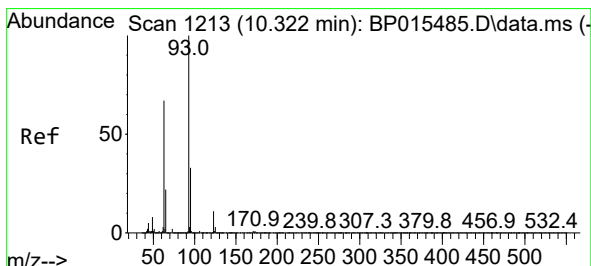
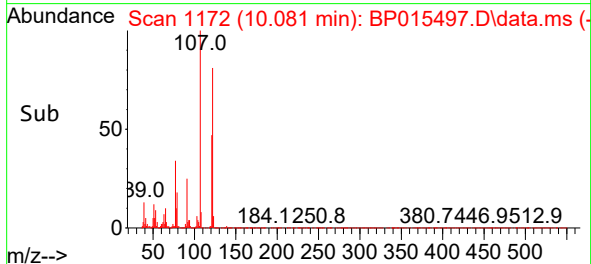
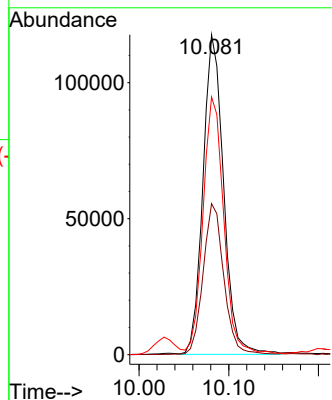
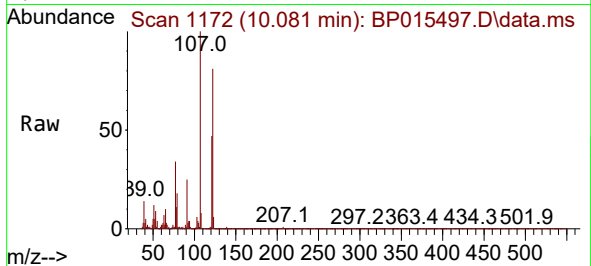




#26
2,4-Dimethylphenol
Concen: 10.944 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

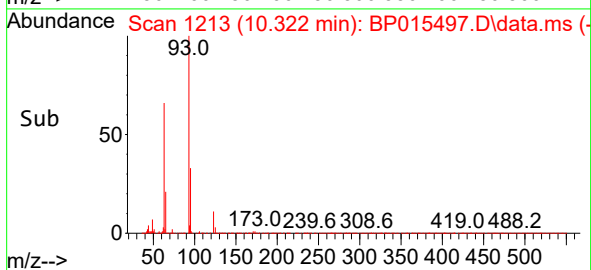
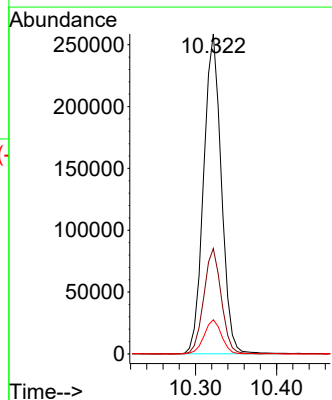
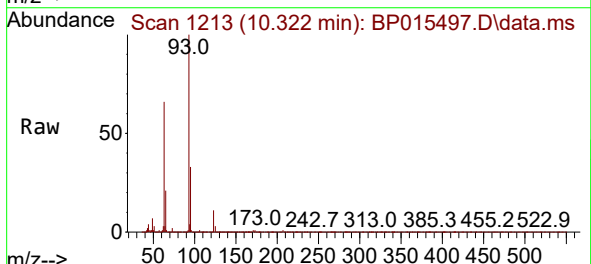
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

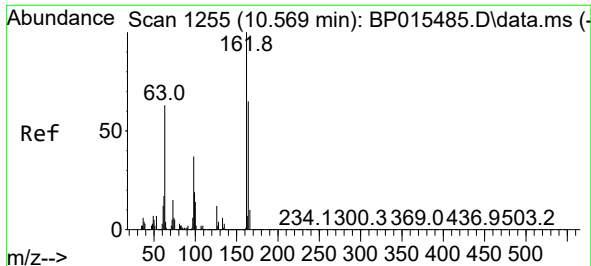
Tgt Ion:107 Resp: 187589
Ion Ratio Lower Upper
107 100
121 47.2 39.0 58.6
122 80.5 64.8 97.2



#27
Bis(2-Chloroethoxy)methane
Concen: 19.290 ng/ul
RT: 10.322 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion: 93 Resp: 390293
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 10.7 8.6 13.0

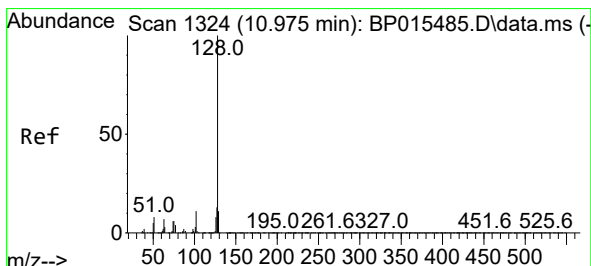
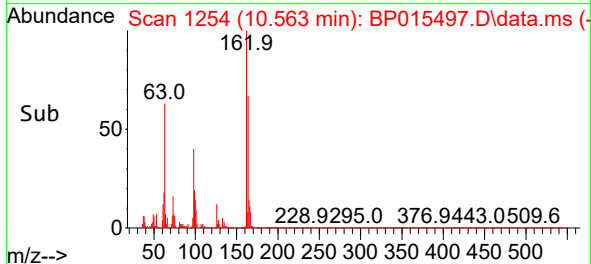
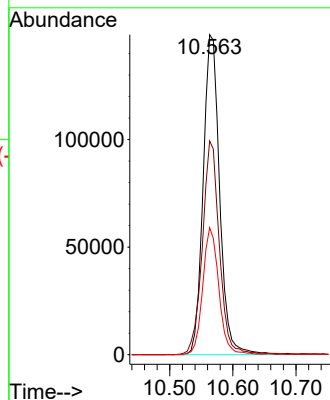
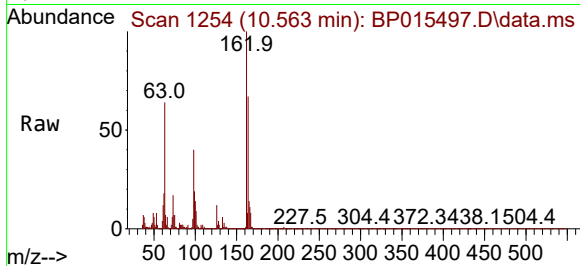




#29
2,4-Dichlorophenol
Concen: 19.907 ng/ul
RT: 10.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

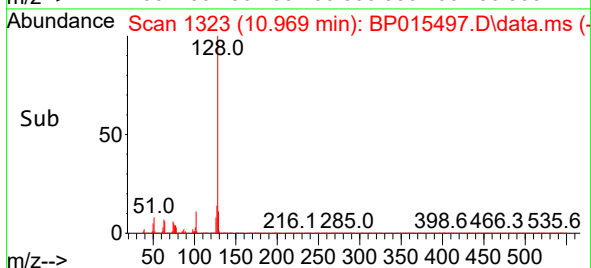
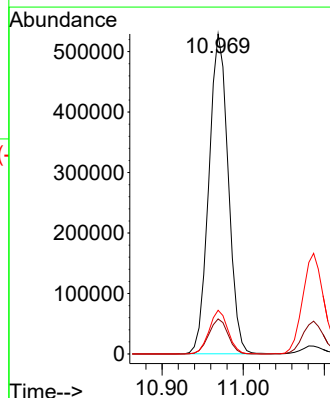
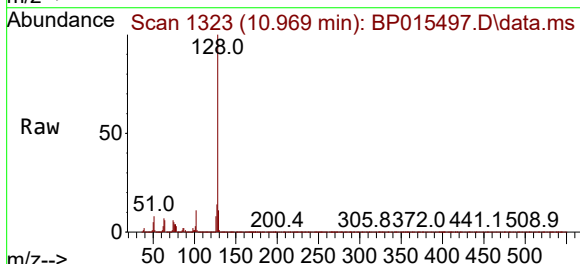
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

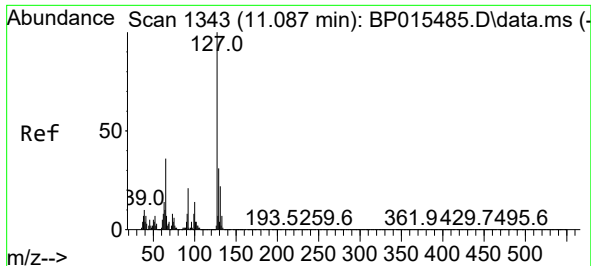
Tgt Ion:162 Resp: 270302
Ion Ratio Lower Upper
162 100
164 66.8 50.6 76.0
98 39.7 30.2 45.2



#30
Naphthalene
Concen: 19.328 ng/ul
RT: 10.969 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:128 Resp: 874540
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.7 10.5 15.7

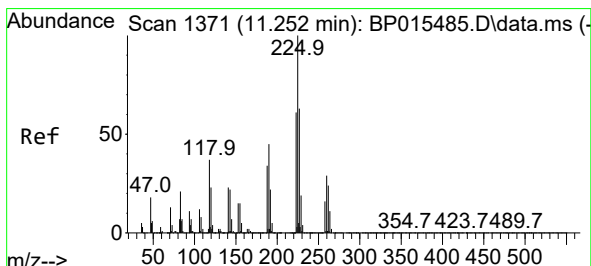
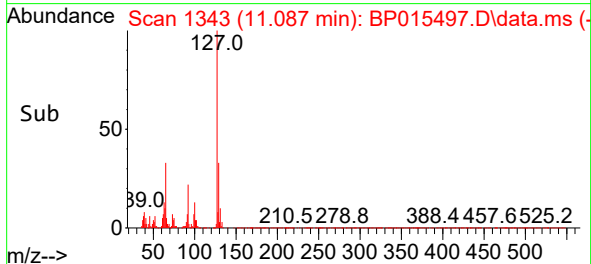
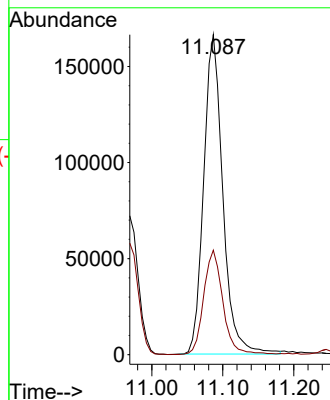
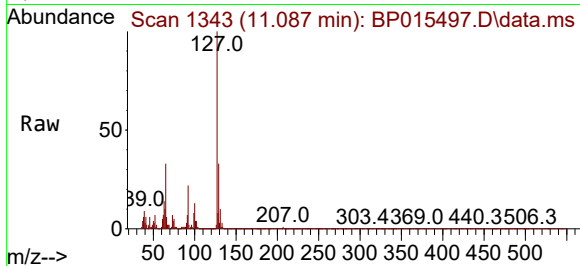




#32
4-Chloroaniline
Concen: 15.363 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

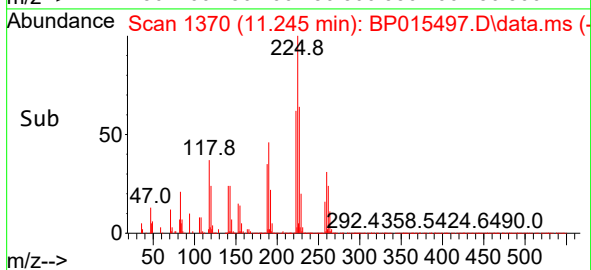
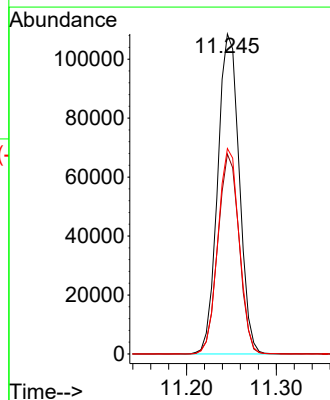
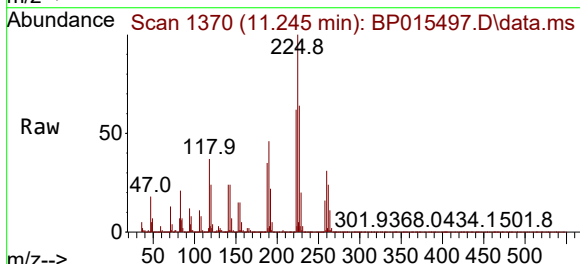
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

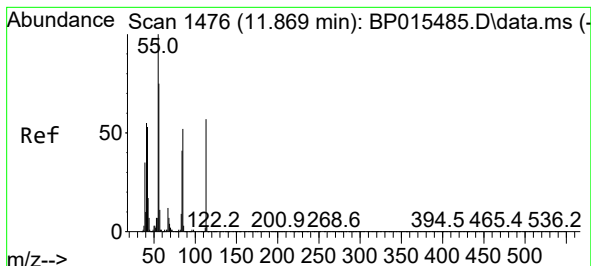
Tgt Ion:127 Resp: 311610
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1



#33
Hexachlorobutadiene
Concen: 19.745 ng/ul
RT: 11.245 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:225 Resp: 180806
Ion Ratio Lower Upper
225 100
223 62.4 52.0 78.0
227 64.2 50.6 75.8





#34

Caprolactam

Concen: 17.837 ng/ul

RT: 11.863 min Scan# 1476

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

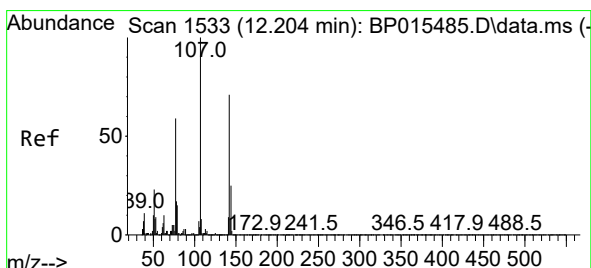
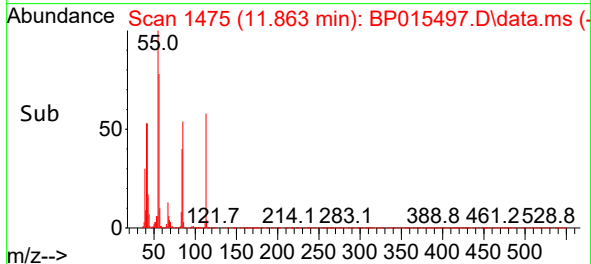
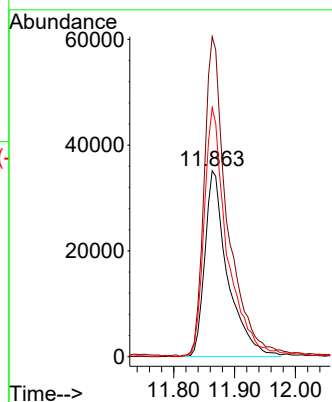
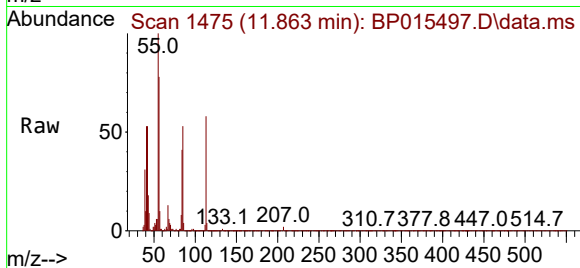
Tgt Ion:113 Resp: 91173

Ion Ratio Lower Upper

113 100

55 172.2 127.9 191.9

56 134.0 101.1 151.7



#35

4-Chloro-3-methylphenol

Concen: 19.260 ng/ul

RT: 12.198 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

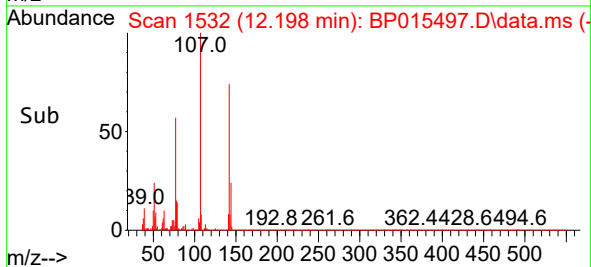
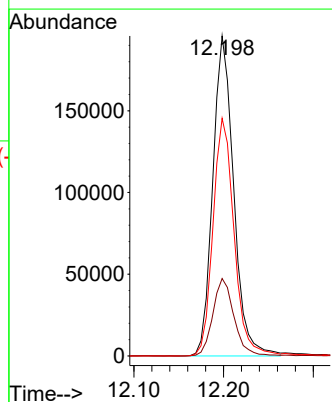
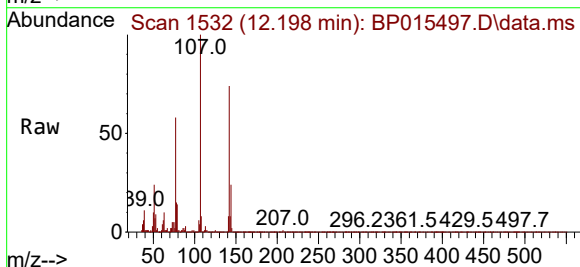
Tgt Ion:107 Resp: 316867

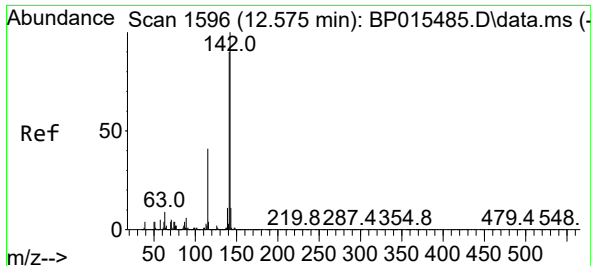
Ion Ratio Lower Upper

107 100

144 24.2 19.4 29.0

142 74.3 60.4 90.6

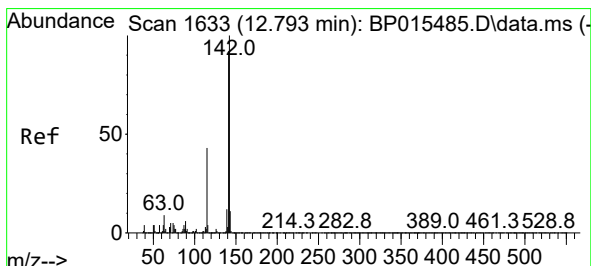
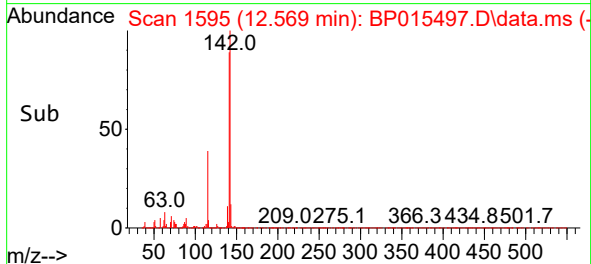
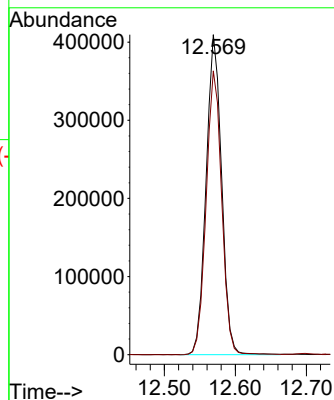
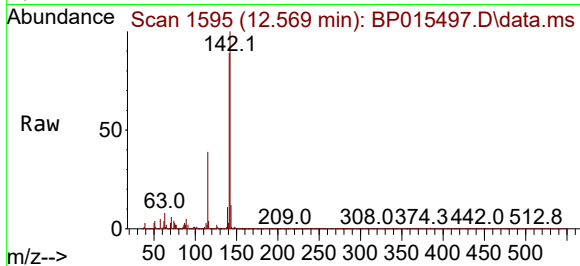




#36
2-Methylnaphthalene
Concen: 19.505 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

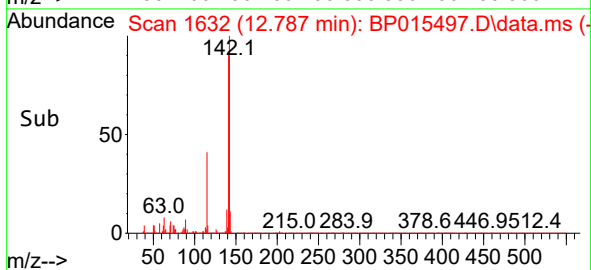
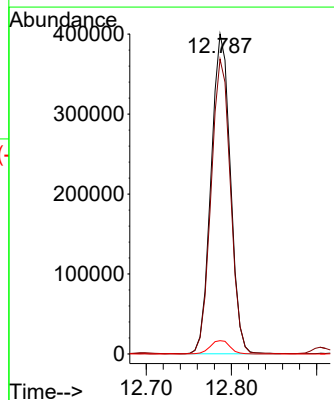
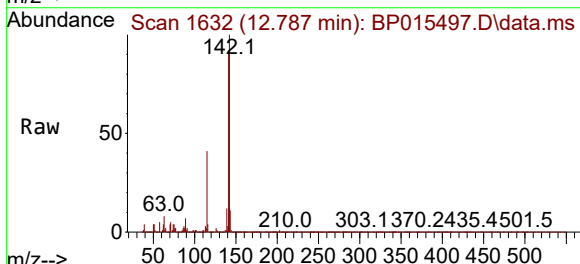
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

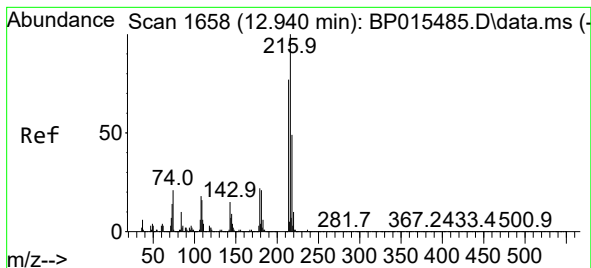
Tgt Ion:142 Resp: 620445
Ion Ratio Lower Upper
142 100
141 88.7 72.0 108.0



#37
1-Methylnaphthalene
Concen: 19.643 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:142 Resp: 629096
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9
116 4.1 3.4 5.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.367 ng/ul

RT: 12.934 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

Tgt Ion:216 Resp: 350454

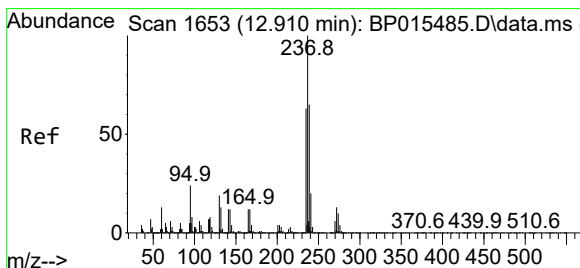
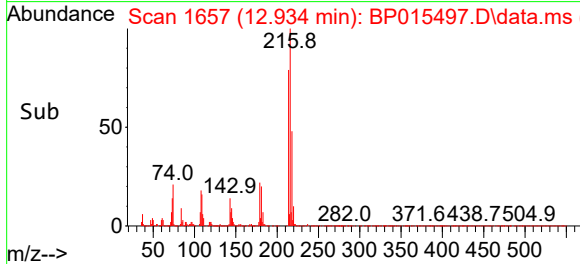
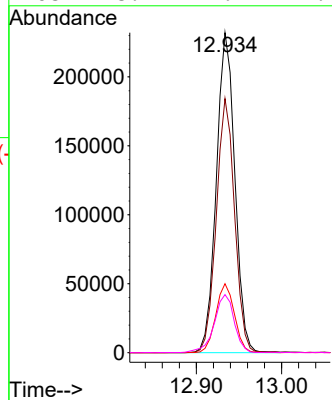
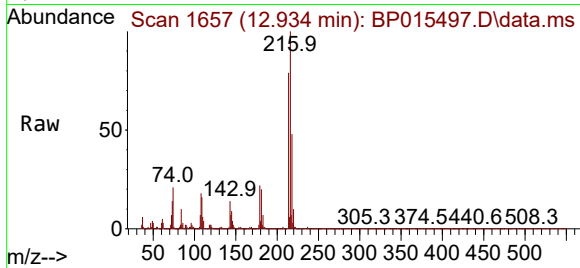
Ion Ratio Lower Upper

216 100

214 79.4 62.2 93.2

179 21.5 17.4 26.2

108 18.1 14.2 21.4



#40

Hexachlorocyclopentadiene

Concen: 14.117 ng/ul

RT: 12.904 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

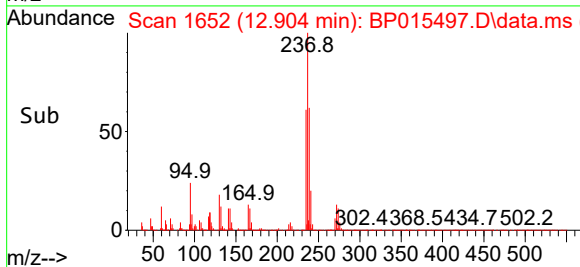
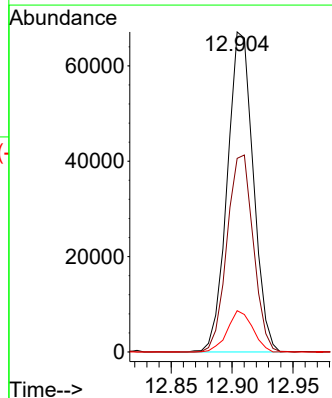
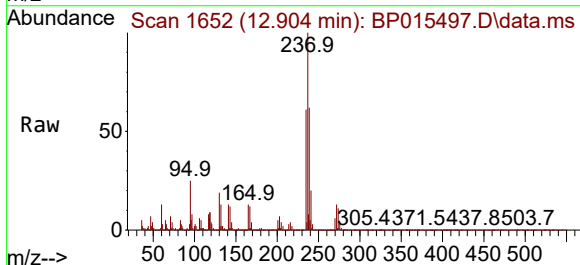
Tgt Ion:237 Resp: 99570

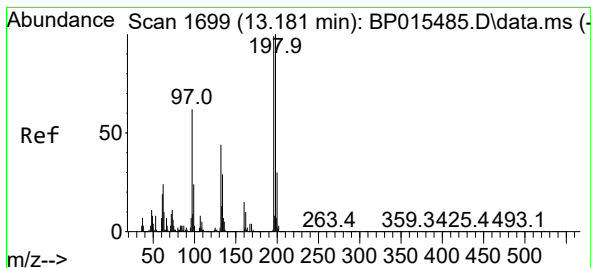
Ion Ratio Lower Upper

237 100

235 60.5 48.2 72.2

272 12.9 10.3 15.5





#41

2,4,6-Trichlorophenol

Concen: 20.454 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

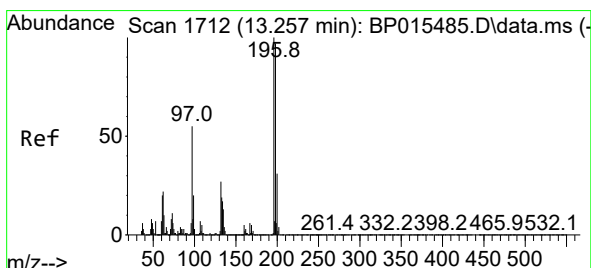
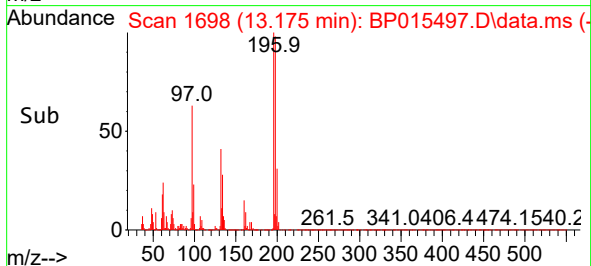
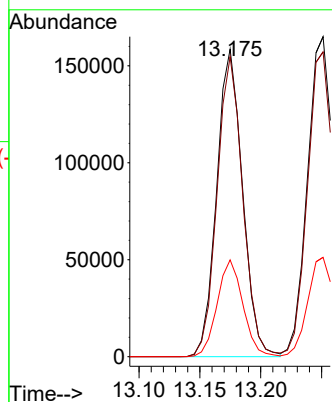
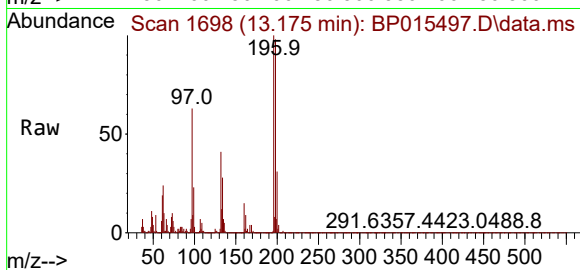
Tgt Ion:196 Resp: 234245

Ion Ratio Lower Upper

196 100

198 97.6 77.8 116.6

200 31.5 25.8 38.6



#42

2,4,5-Trichlorophenol

Concen: 20.691 ng/ul

RT: 13.251 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

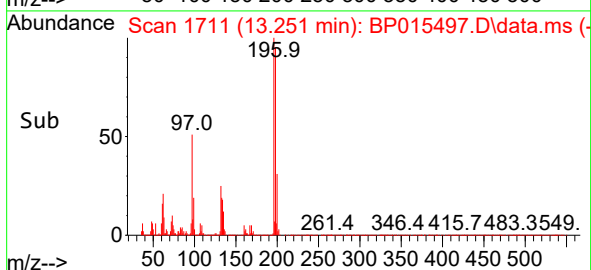
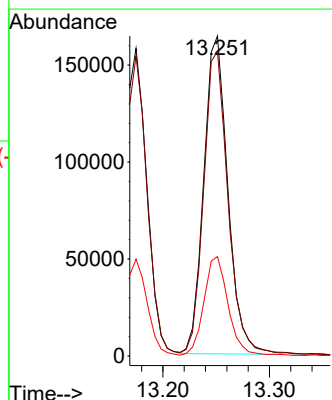
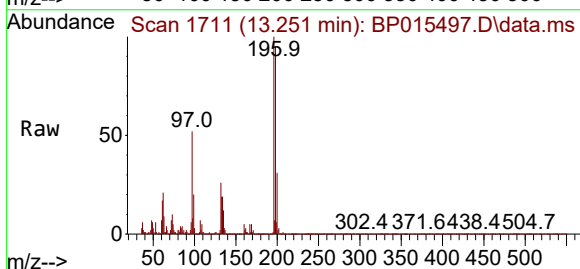
Tgt Ion:196 Resp: 258222

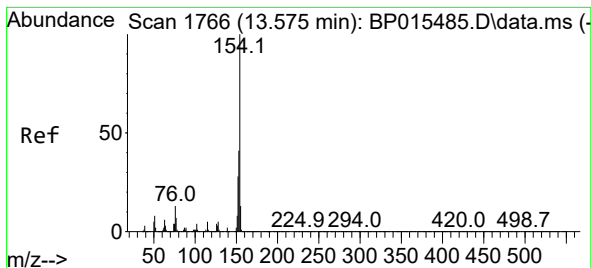
Ion Ratio Lower Upper

196 100

198 95.3 75.5 113.3

200 31.0 24.7 37.1





#43

1,1'-Biphenyl

Concen: 20.177 ng/ul

RT: 13.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNP_P

ClientSampleId :

ESQY0MS

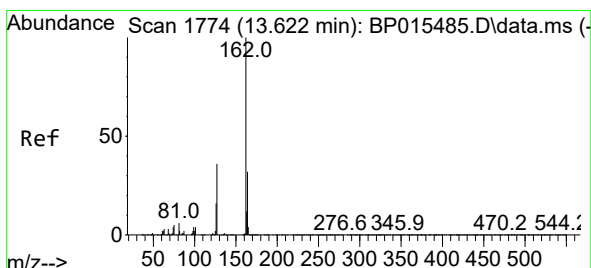
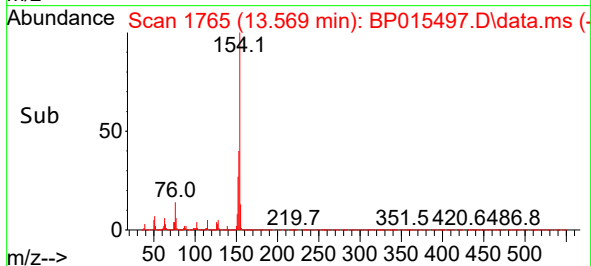
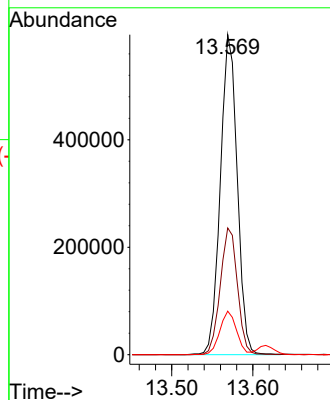
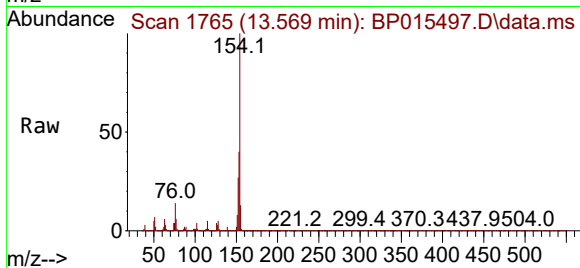
Tgt Ion:154 Resp: 862249

Ion Ratio Lower Upper

154 100

153 39.6 32.2 48.2

76 13.6 10.4 15.6



#44

2-Chloronaphthalene

Concen: 20.231 ng/ul

RT: 13.616 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

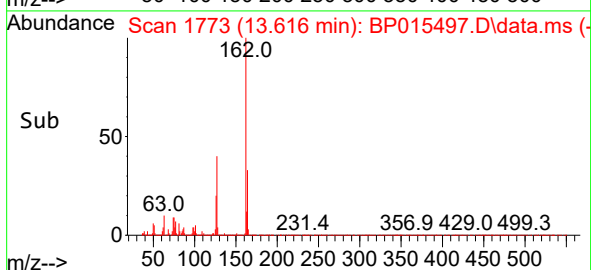
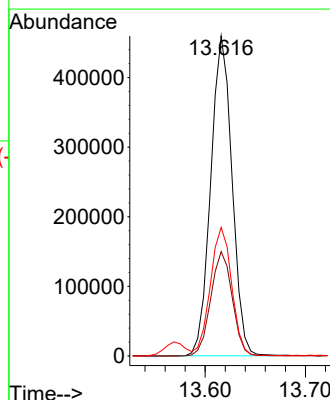
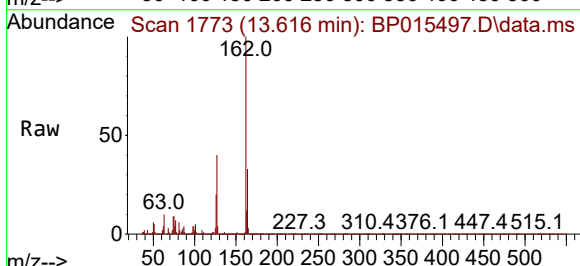
Tgt Ion:162 Resp: 678310

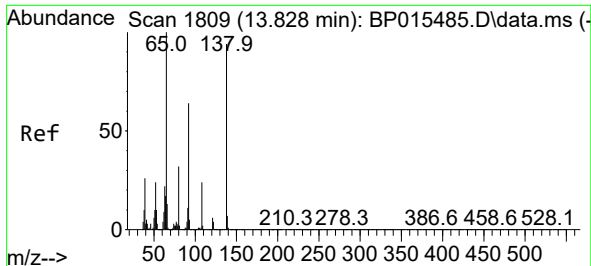
Ion Ratio Lower Upper

162 100

164 32.6 27.0 40.6

127 40.2 32.2 48.4

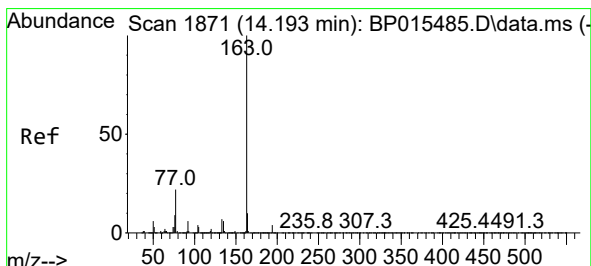
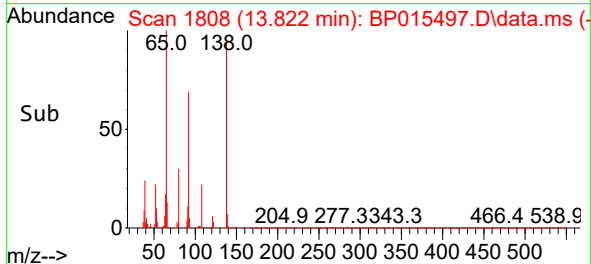
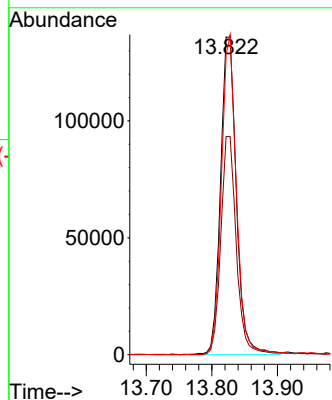
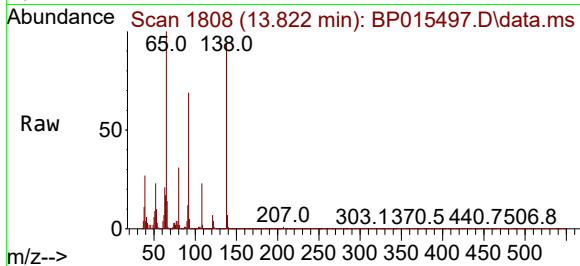




#45
2-Nitroaniline
Concen: 21.160 ng/ul
RT: 13.822 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

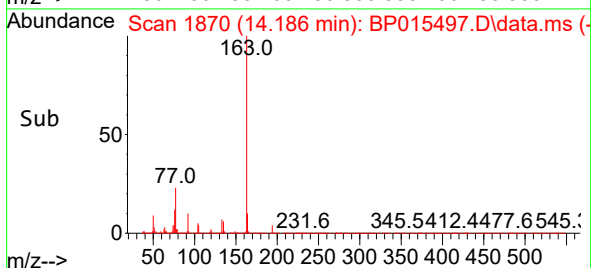
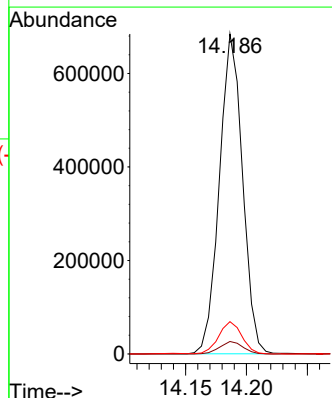
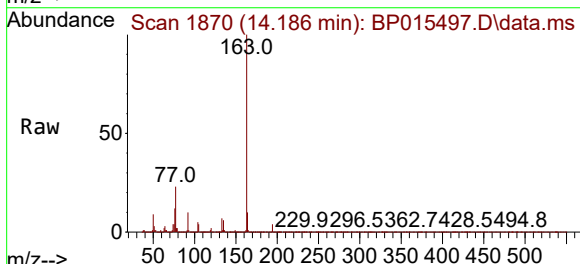
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

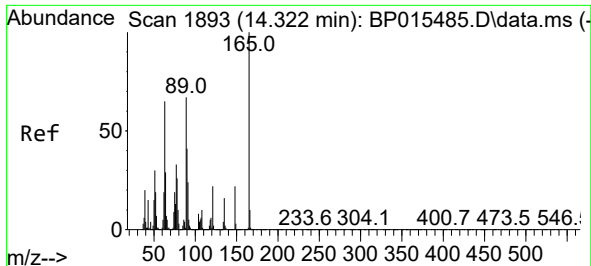
Tgt Ion: 65 Resp: 227055
Ion Ratio Lower Upper
65 100
92 68.6 55.4 83.2
138 94.3 78.8 118.2



#47
Dimethylphthalate
Concen: 20.092 ng/ul
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion: 163 Resp: 903956
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.2 12.2

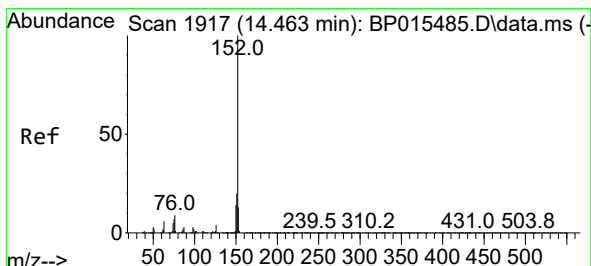
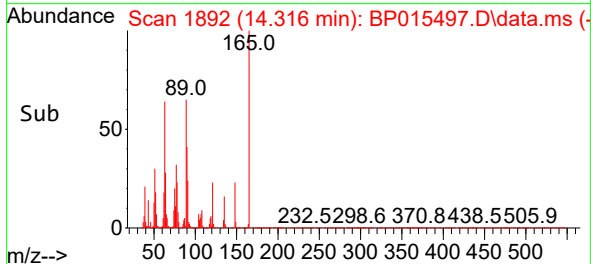
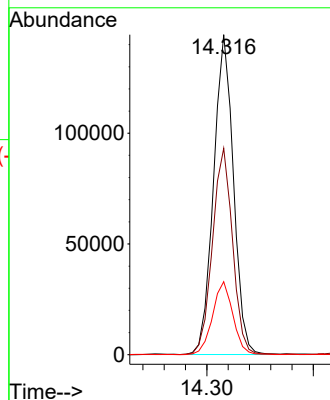
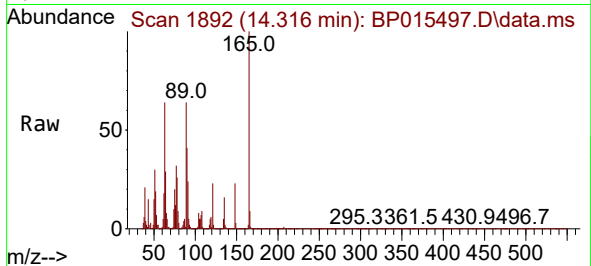




#48
2,6-Dinitrotoluene
Concen: 20.312 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

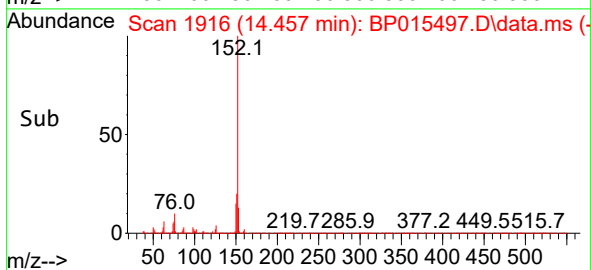
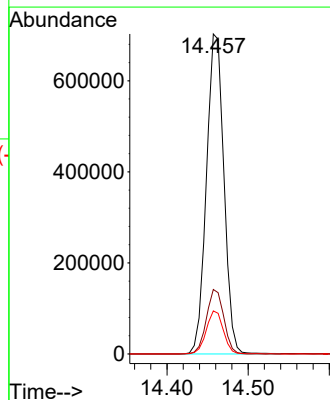
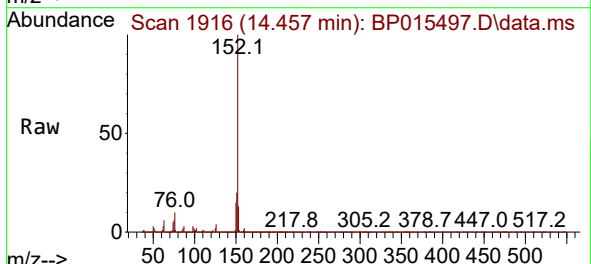
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

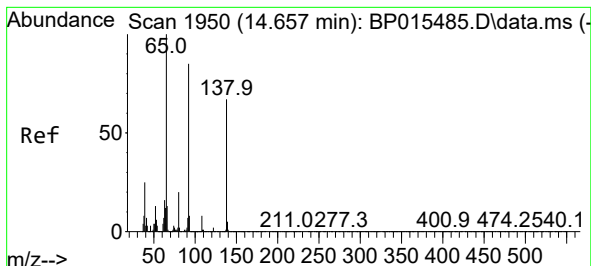
Tgt Ion:165 Resp: 187222
Ion Ratio Lower Upper
165 100
89 64.5 51.5 77.3
121 22.8 17.3 25.9



#50
Acenaphthylene
Concen: 19.888 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:152 Resp: 1049400
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.5 10.6 15.8

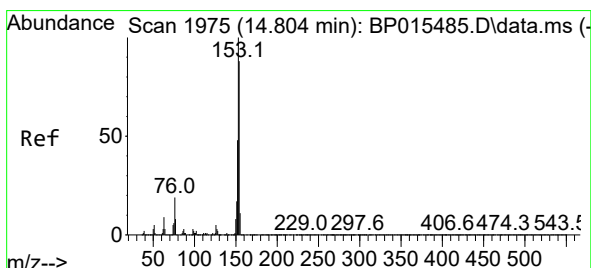
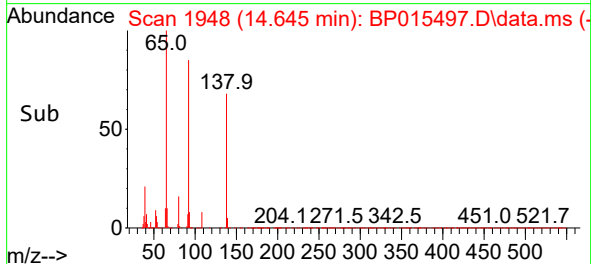
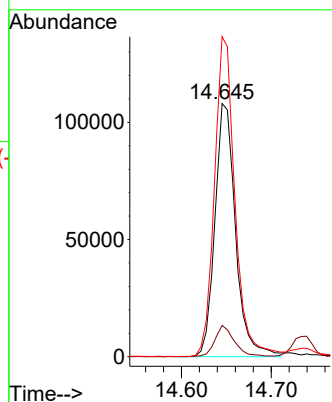
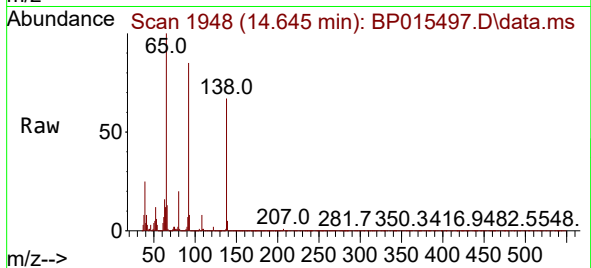




#51
3-Nitroaniline
Concen: 22.726 ng/ul
RT: 14.645 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

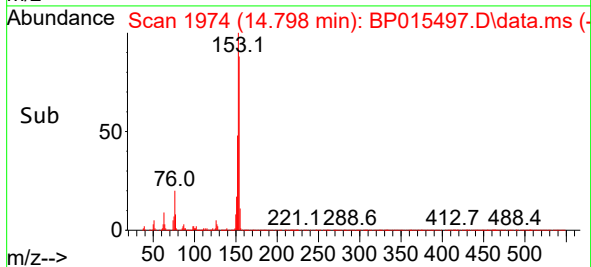
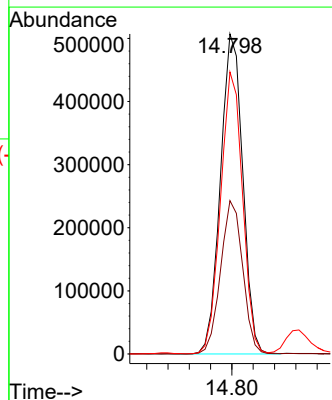
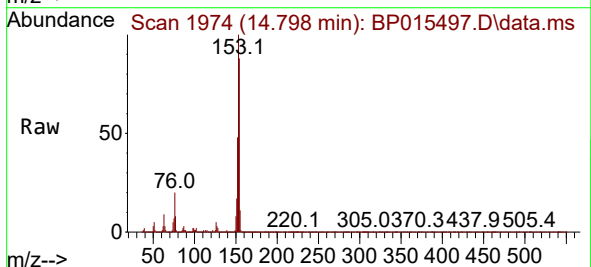
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

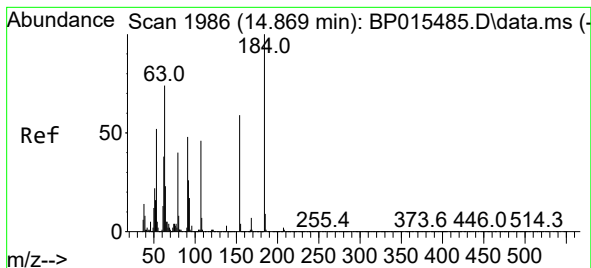
Tgt Ion:138 Resp: 172927
Ion Ratio Lower Upper
138 100
108 12.4 8.4 12.6
92 126.5 98.0 147.0



#52
Acenaphthene
Concen: 20.176 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:153 Resp: 735899
Ion Ratio Lower Upper
153 100
152 47.9 38.3 57.5
154 88.1 69.8 104.6





#53

2,4-Dinitrophenol

Concen: 16.974 ng/ul

RT: 14.863 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

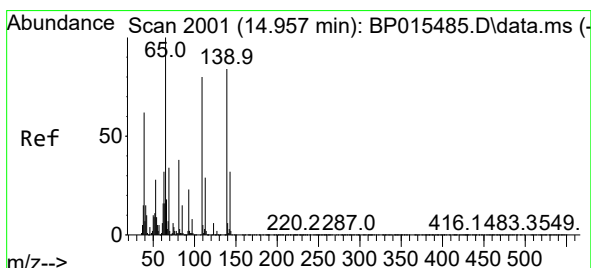
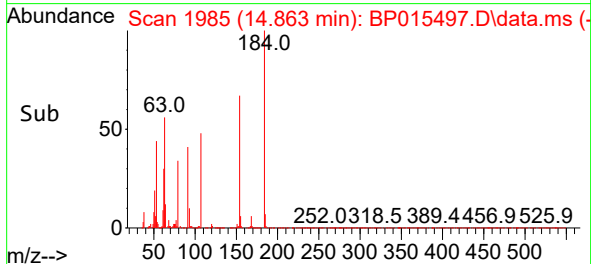
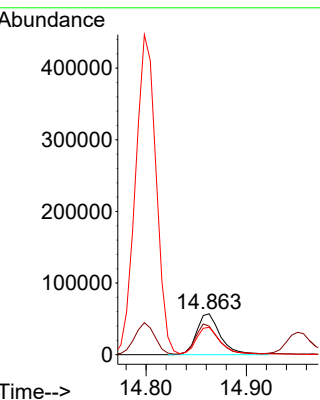
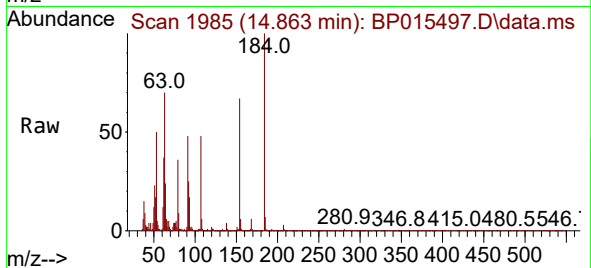
Tgt Ion:184 Resp: 94119

Ion Ratio Lower Upper

184 100

63 70.0 59.0 88.4

154 67.0 57.6 86.4



#55

4-Nitrophenol

Concen: 18.542 ng/ul

RT: 14.951 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

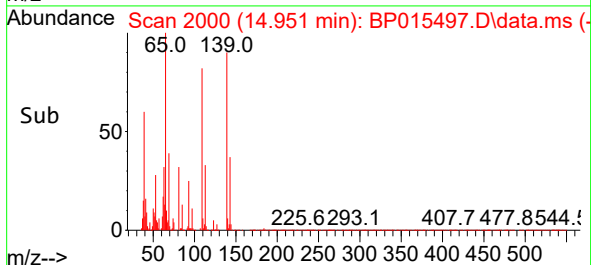
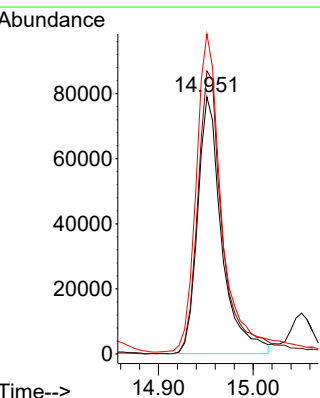
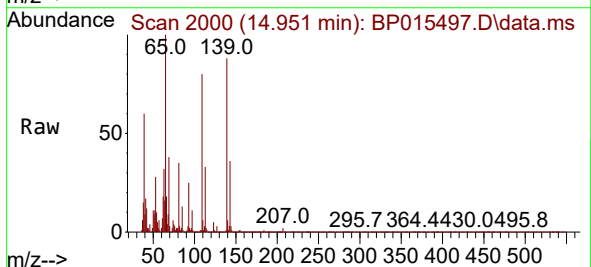
Tgt Ion:109 Resp: 139564

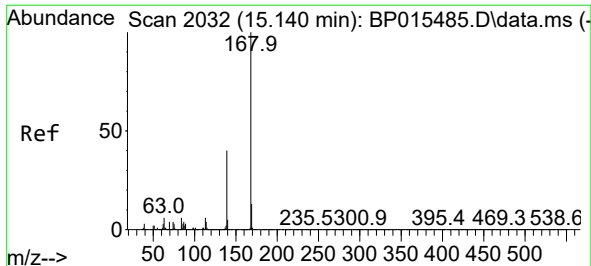
Ion Ratio Lower Upper

109 100

139 110.1 89.1 133.7

65 124.5 103.1 154.7

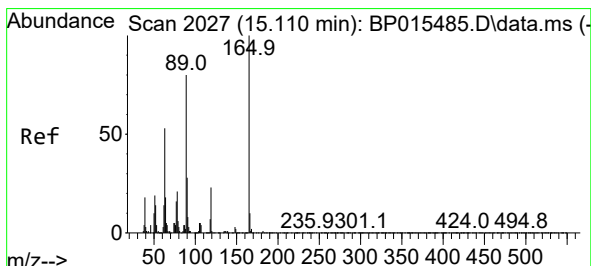
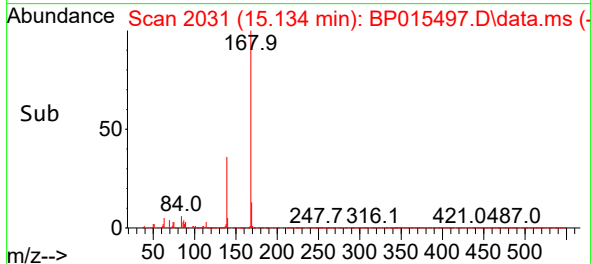
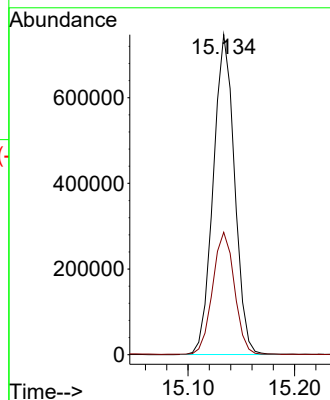
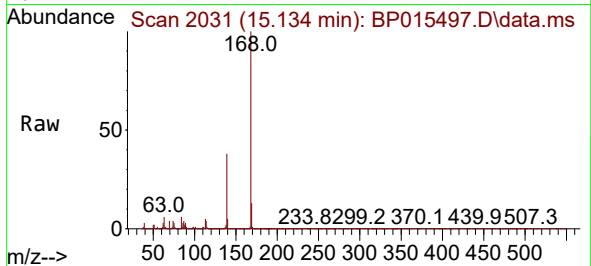




#56
Dibenzofuran
Concen: 20.039 ng/ul
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

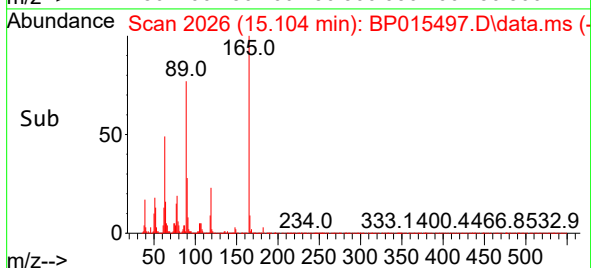
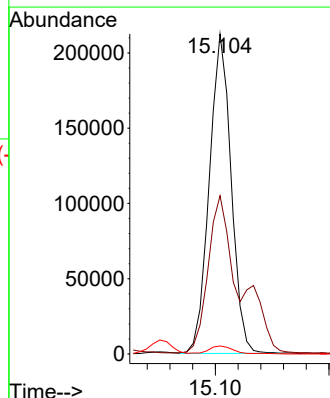
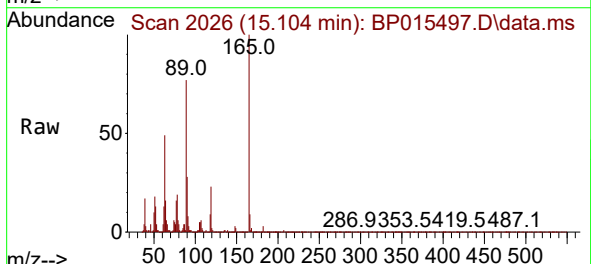
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

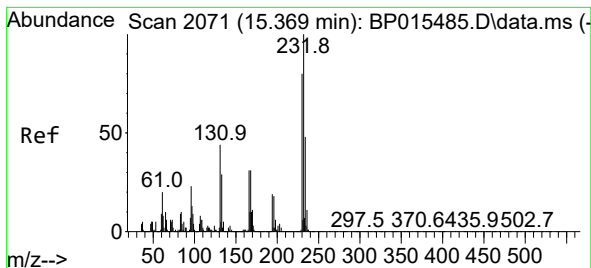
Tgt Ion:168 Resp: 1035894
Ion Ratio Lower Upper
168 100
139 38.2 31.2 46.8



#57
2,4-Dinitrotoluene
Concen: 20.895 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:165 Resp: 283275
Ion Ratio Lower Upper
165 100
63 49.4 39.1 58.7
182 2.5 2.2 3.4

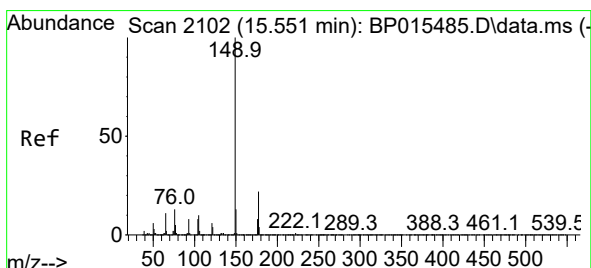
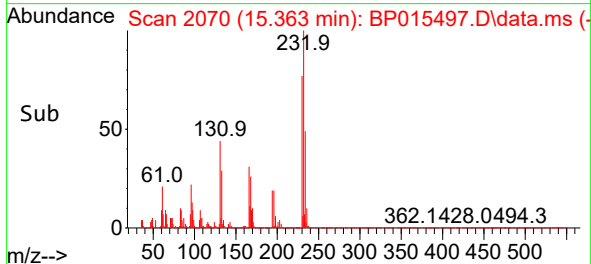
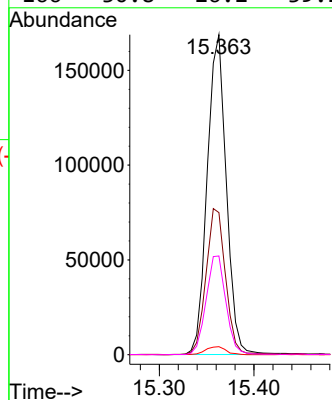
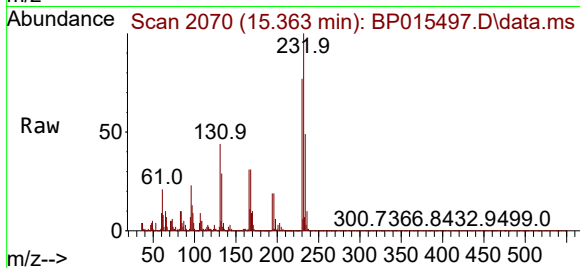




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.932 ng/ul
RT: 15.363 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

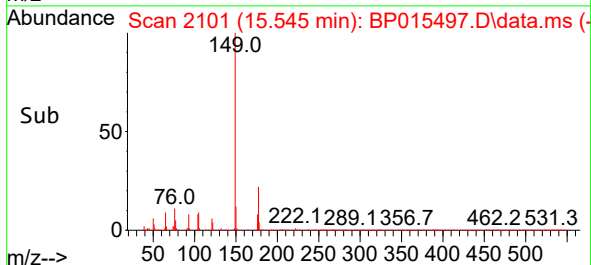
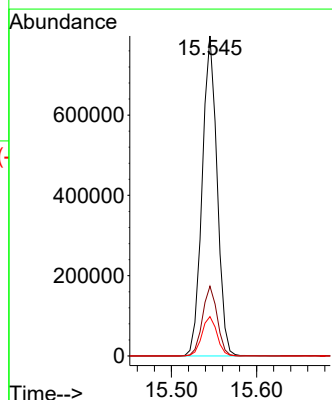
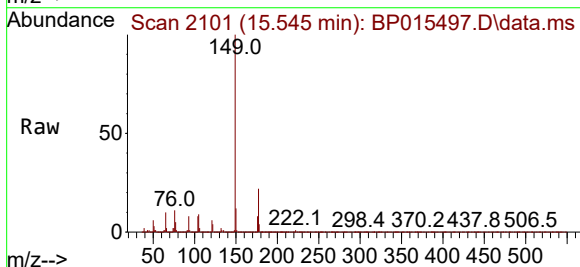
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

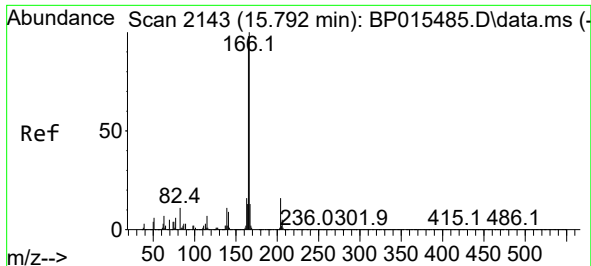
Tgt Ion:	232	Resp:	235867
Ion Ratio	Lower	Upper	
232	100		
131	44.4	37.8	56.8
130	2.5	1.9	2.9
166	30.8	26.2	39.2



#59
Diethylphthalate
Concen: 20.985 ng/ul
RT: 15.545 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:	149	Resp:	967623
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.8	26.8
150	12.3	10.1	15.1

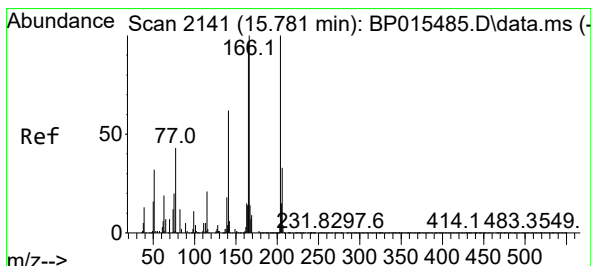
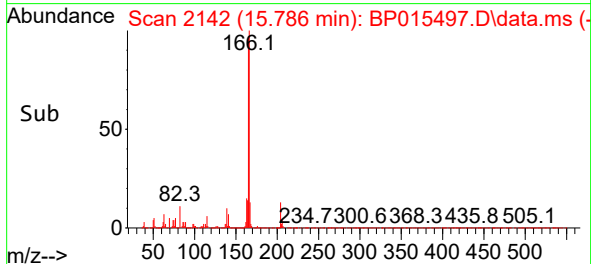
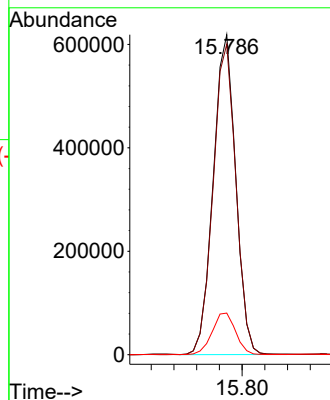
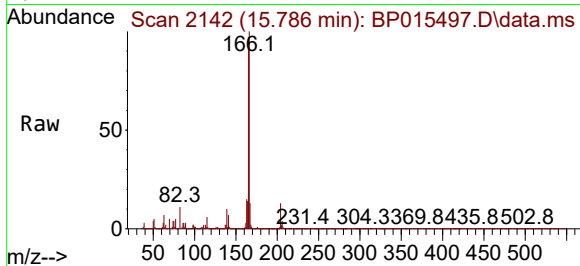




#61
Fluorene
Concen: 20.223 ng/ul
RT: 15.786 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

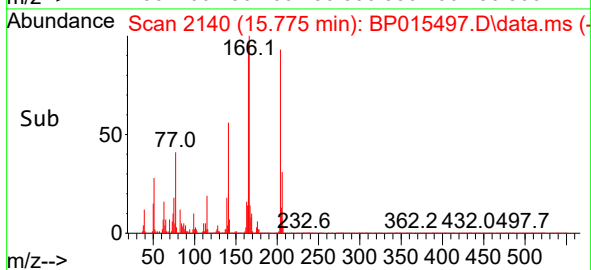
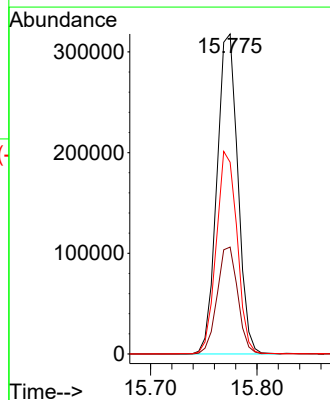
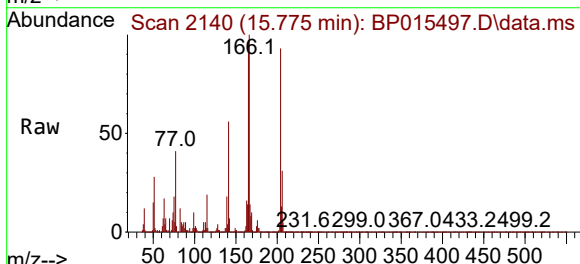
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

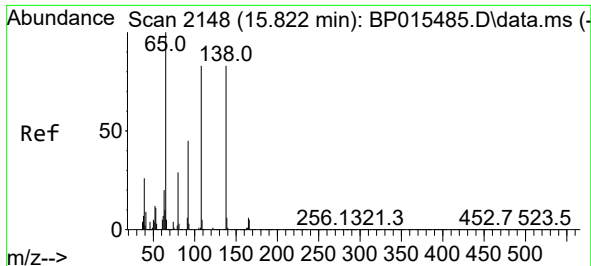
Tgt Ion:166 Resp: 852208
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 13.0 10.6 16.0



#62
4-Chlorophenyl-phenylether
Concen: 20.341 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:204 Resp: 432022
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 59.9 49.8 74.8

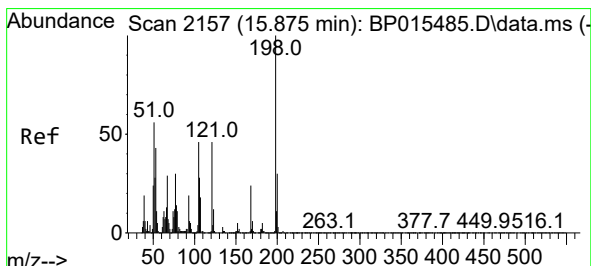
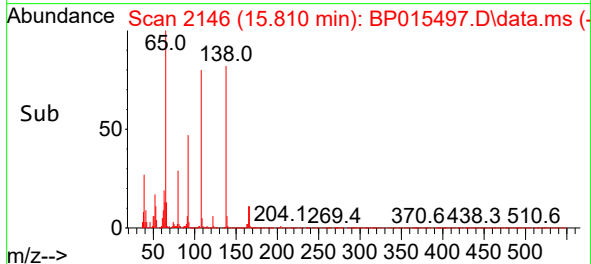
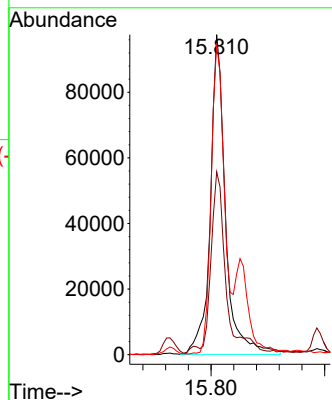
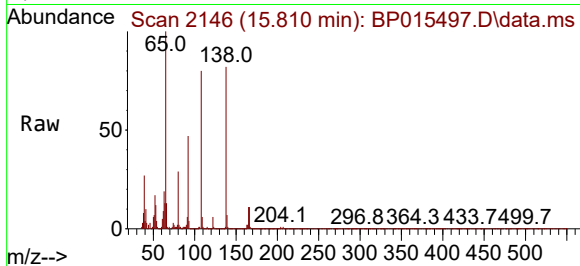




#63
4-Nitroaniline
Concen: 24.955 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

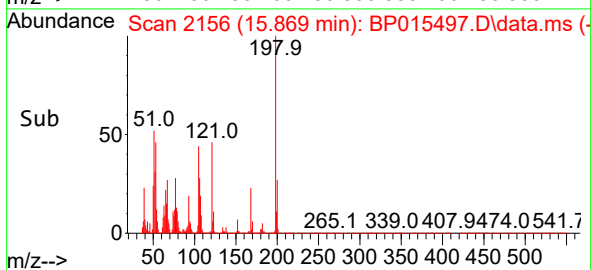
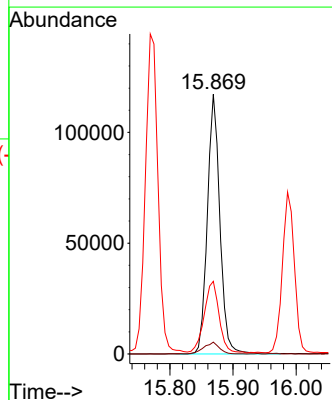
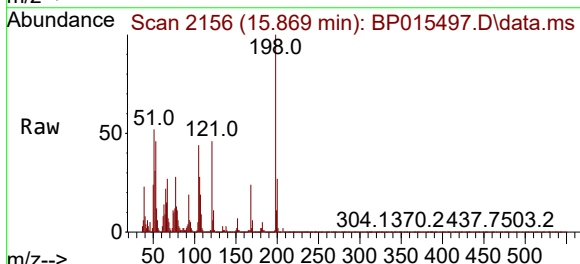
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

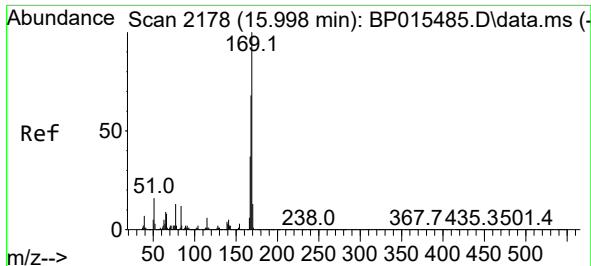
Tgt Ion:138 Resp: 180111
Ion Ratio Lower Upper
138 100
92 57.2 44.6 67.0
108 97.3 78.4 117.6



#66
4,6-Dinitro-2-methylphenol
Concen: 19.833 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:198 Resp: 161949
Ion Ratio Lower Upper
198 100
182 4.6 3.0 4.4#
77 28.0 20.5 30.7

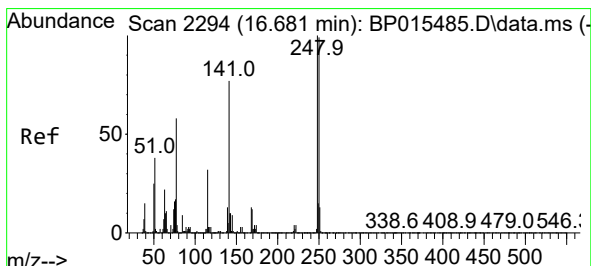
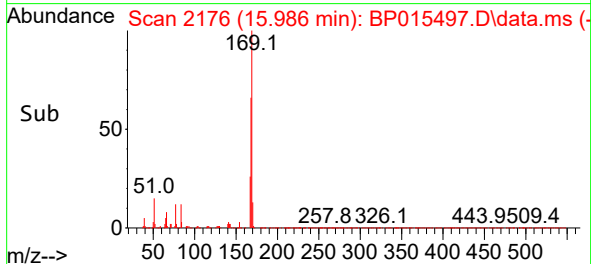
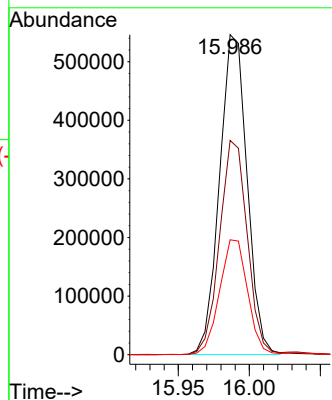
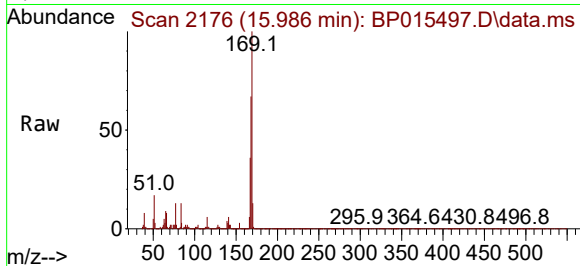




#67
N-Nitrosodiphenylamine
Concen: 20.576 ng/ul
RT: 15.986 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

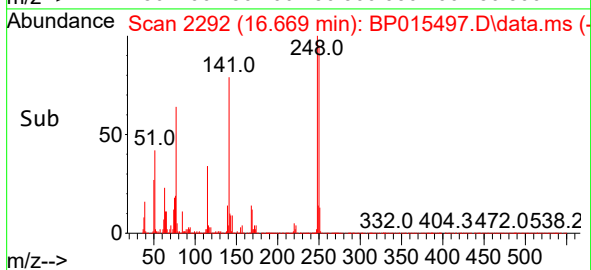
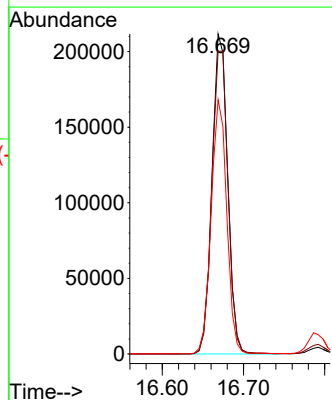
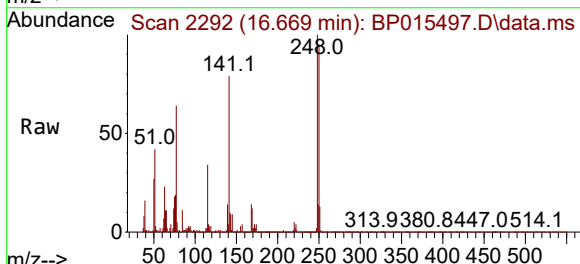
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

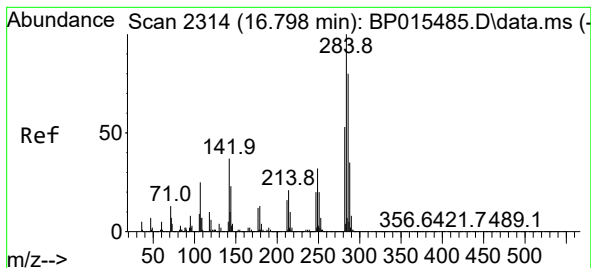
Tgt Ion:169 Resp: 737707
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 35.9 28.9 43.3



#68
4-Bromophenyl-phenylether
Concen: 20.945 ng/ul
RT: 16.669 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:248 Resp: 283183
Ion Ratio Lower Upper
248 100
250 94.6 78.3 117.5
141 79.5 61.1 91.7





#69

Hexachlorobenzene

Concen: 21.200 ng/ul

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

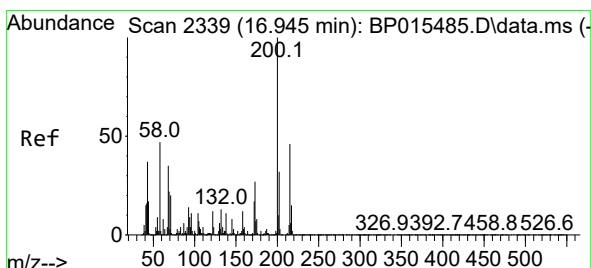
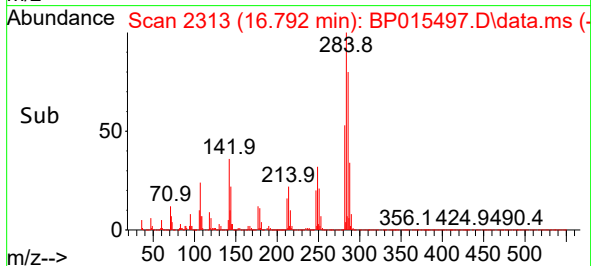
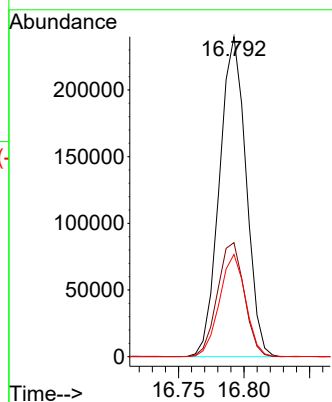
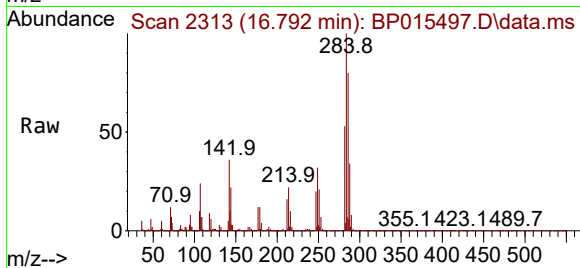
Tgt Ion:284 Resp: 338102

Ion Ratio Lower Upper

284 100

142 35.6 25.4 38.2

249 31.9 24.8 37.2



#70

Atrazine

Concen: 21.650 ng/ul

RT: 16.945 min Scan# 2339

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

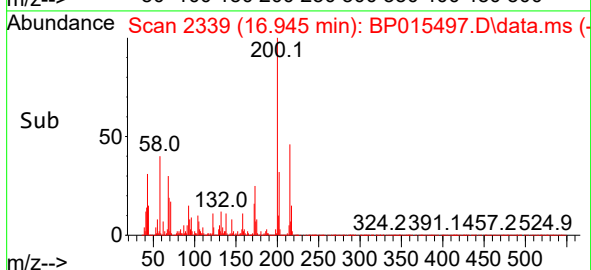
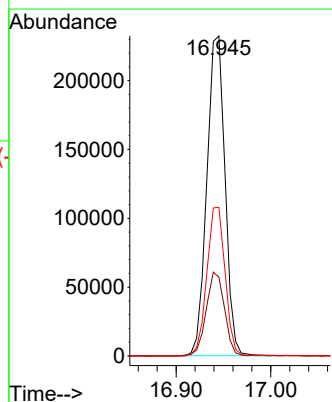
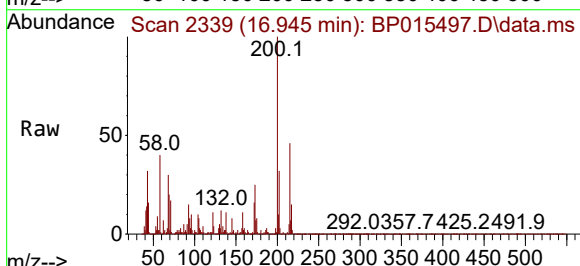
Tgt Ion:200 Resp: 309968

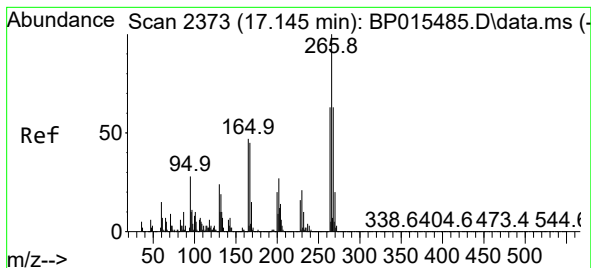
Ion Ratio Lower Upper

200 100

173 24.6 19.8 29.6

215 46.4 37.4 56.0





#71

Pentachlorophenol

Concen: 21.080 ng/ul

RT: 17.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

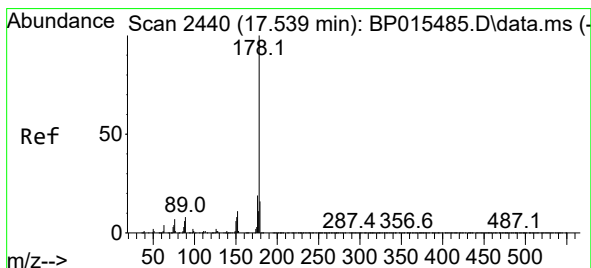
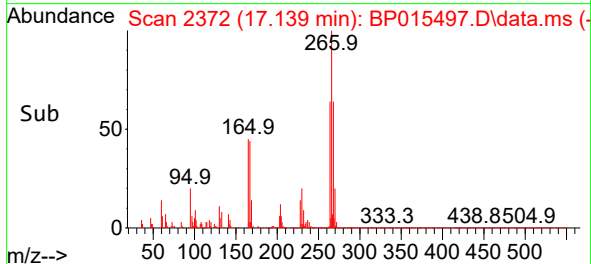
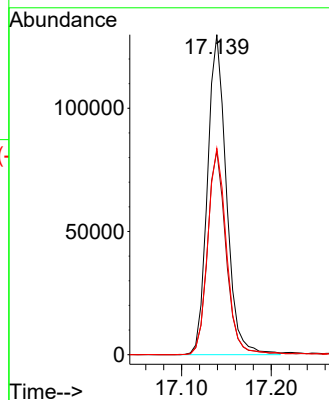
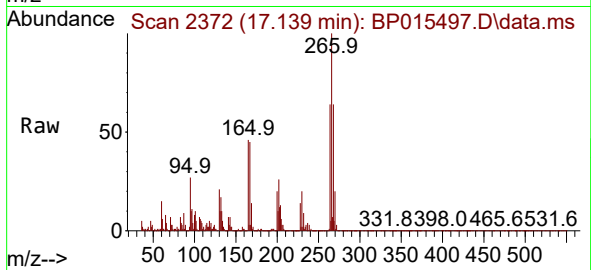
Tgt Ion:266 Resp: 190017

Ion Ratio Lower Upper

266 100

264 63.7 49.6 74.4

268 64.5 51.0 76.6



#72

Phenanthrene

Concen: 21.961 ng/ul

RT: 17.533 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

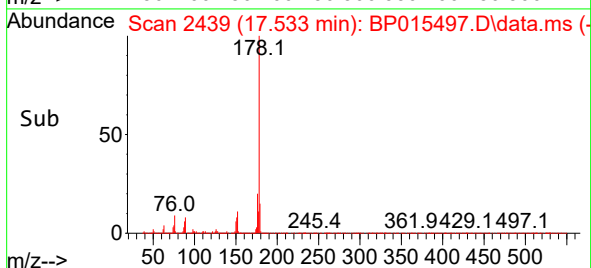
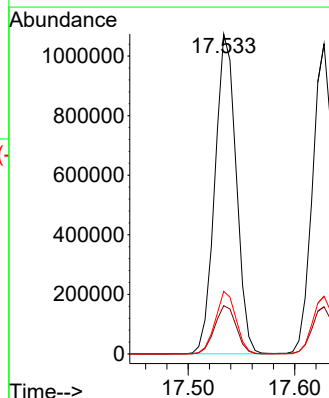
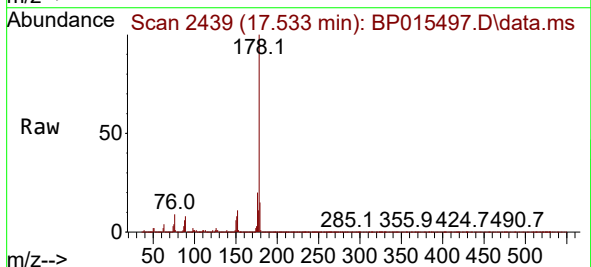
Tgt Ion:178 Resp: 1489354

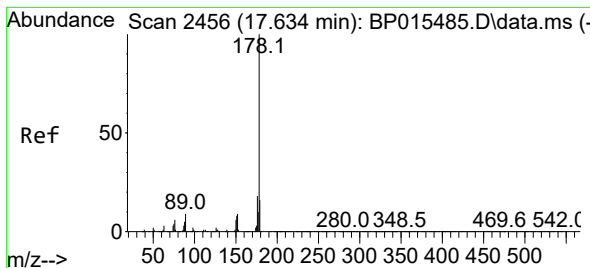
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.5 15.4 23.0





#74

Anthracene

Concen: 20.807 ng/uI

RT: 17.627 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

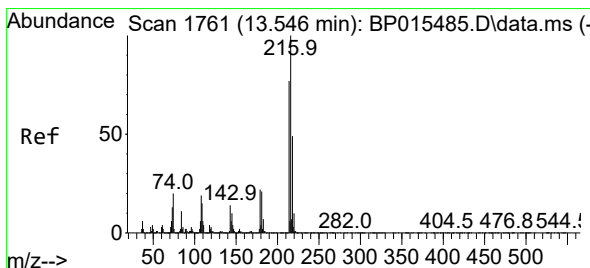
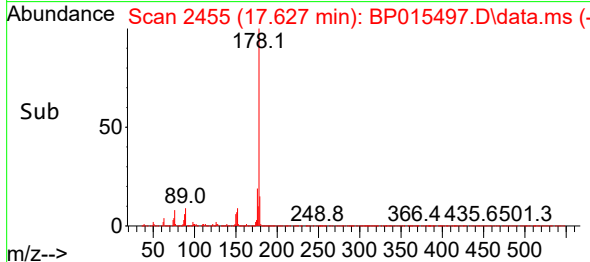
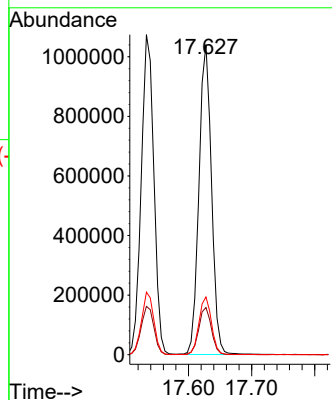
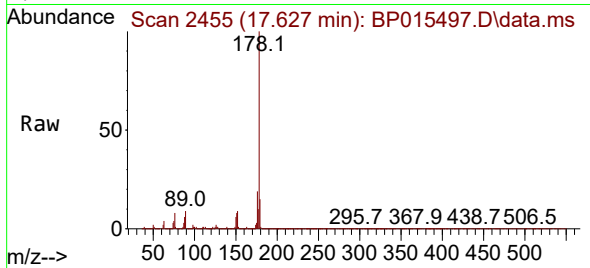
Tgt Ion:178 Resp: 1431774

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.6 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.349 ng/uI

RT: 13.539 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

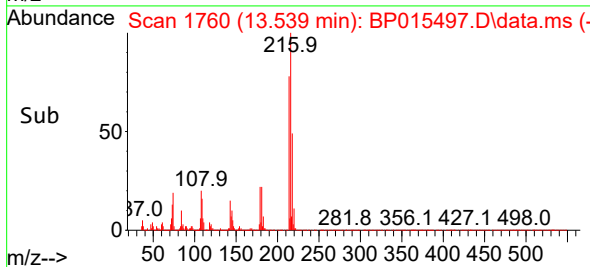
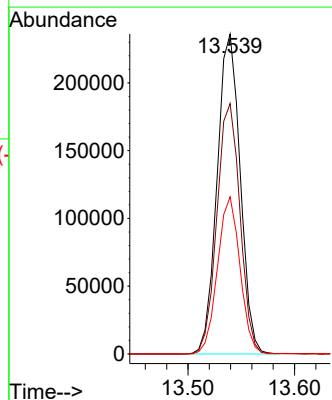
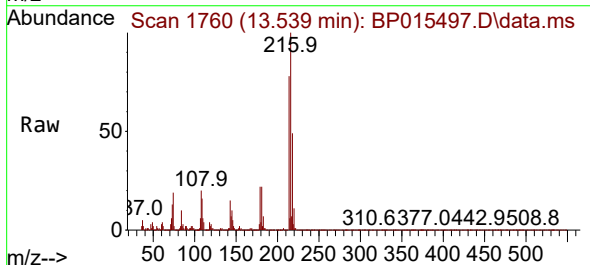
Tgt Ion:216 Resp: 354929

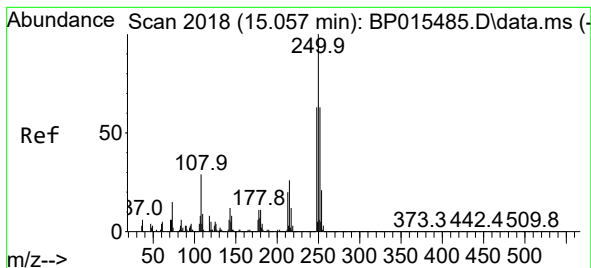
Ion Ratio Lower Upper

216 100

214 78.3 62.1 93.1

218 49.1 39.0 58.4





#76

Pentachlorobenzene

Concen: 20.184 ng/uL

RT: 15.051 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

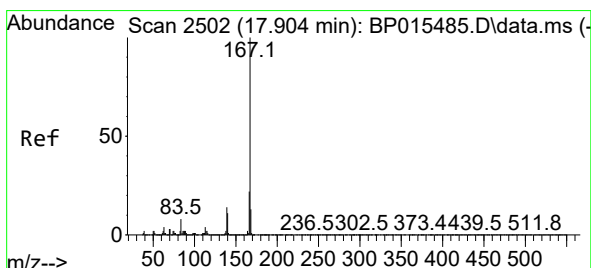
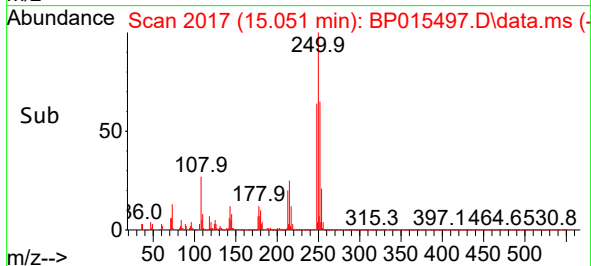
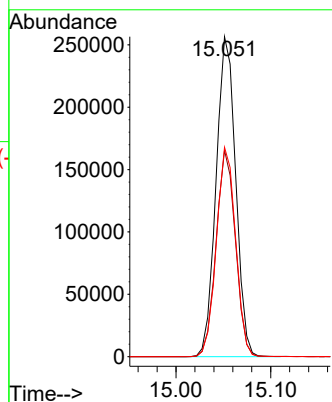
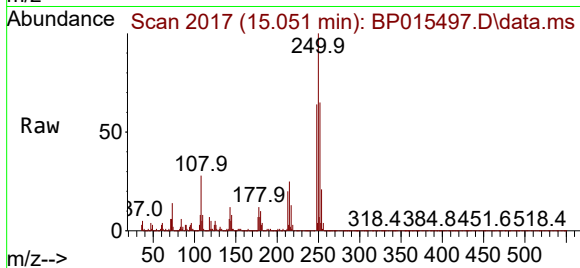
Tgt Ion:250 Resp: 368587

Ion Ratio Lower Upper

250 100

248 64.5 49.0 73.4

252 65.4 49.9 74.9



#77

Carbazole

Concen: 21.858 ng/uL

RT: 17.898 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

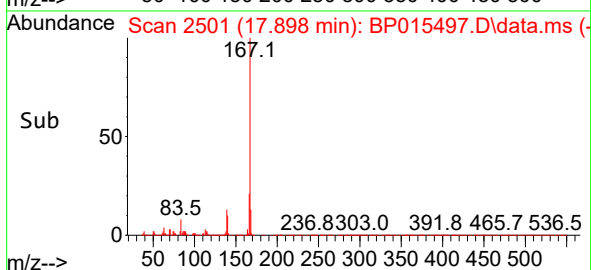
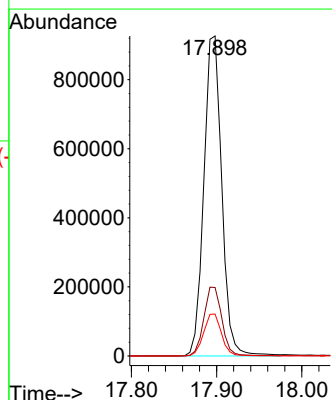
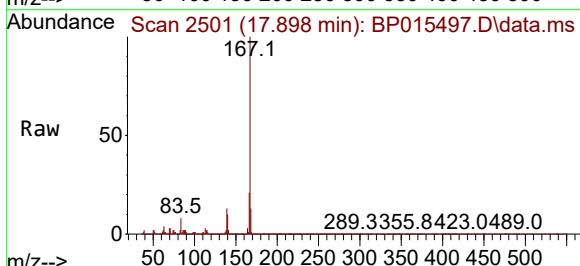
Tgt Ion:167 Resp: 1354322

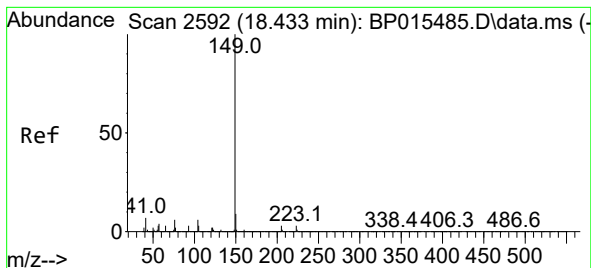
Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.1 10.6 16.0





#78

Di-n-butylphthalate

Concen: 23.276 ng/ul

RT: 18.422 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

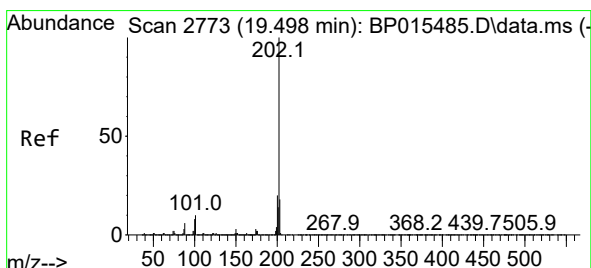
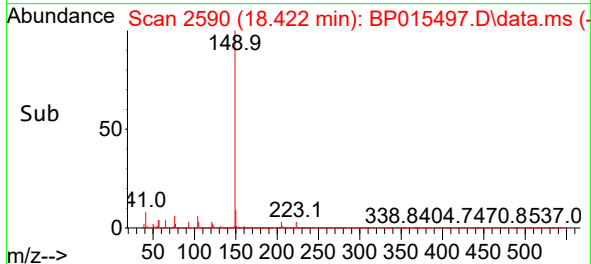
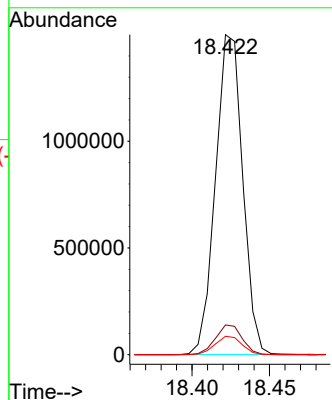
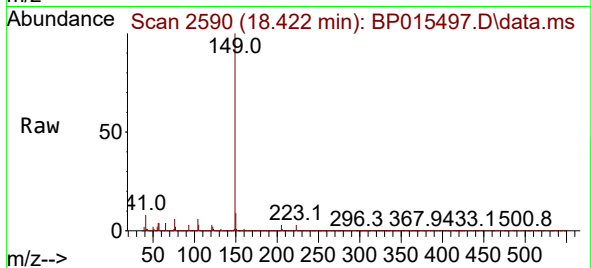
Tgt Ion:149 Resp: 1829754

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.8 4.5 6.7



#80

Fluoranthene

Concen: 24.755 ng/ul

RT: 19.486 min Scan# 2771

Delta R.T. -0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

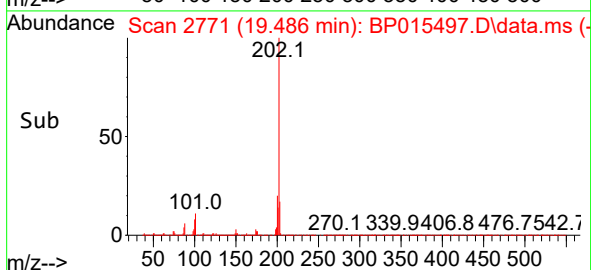
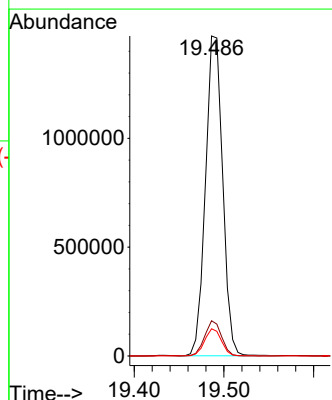
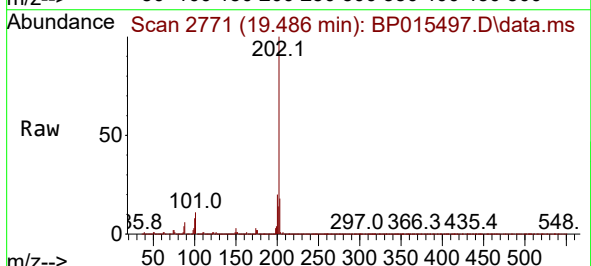
Tgt Ion:202 Resp: 1955415

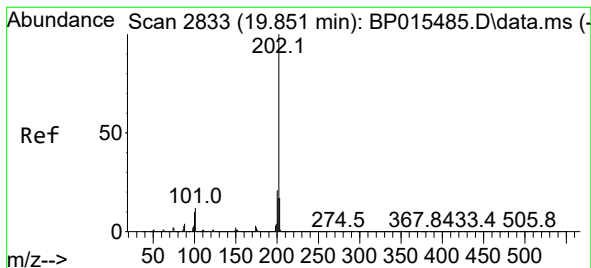
Ion Ratio Lower Upper

202 100

101 11.0 8.6 13.0

100 8.5 6.6 9.8





#82

Pyrene

Concen: 24.238 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

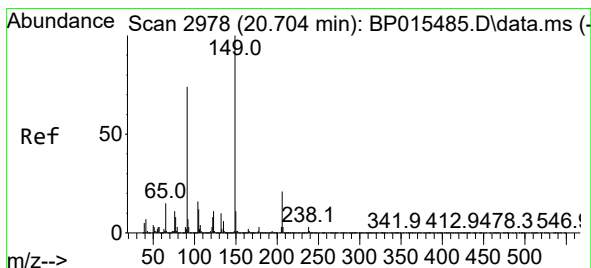
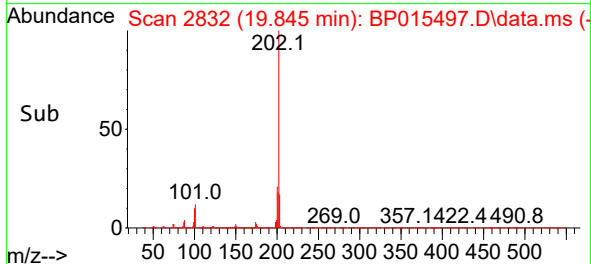
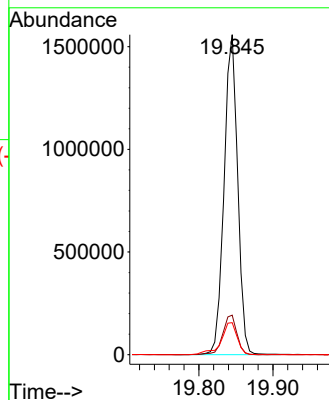
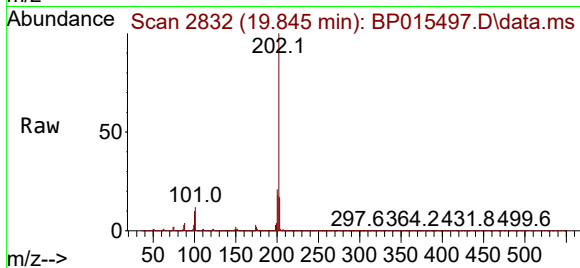
Tgt Ion:202 Resp: 1980777

Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

100 10.0 8.4 12.6



#83

Butylbenzylphthalate

Concen: 25.095 ng/ul

RT: 20.698 min Scan# 2977

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

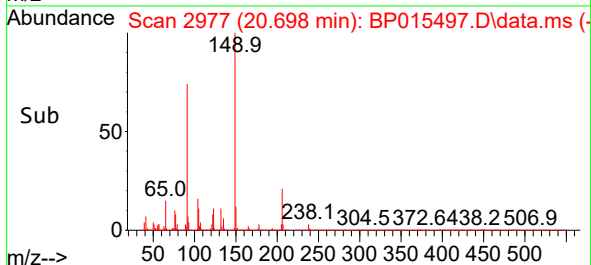
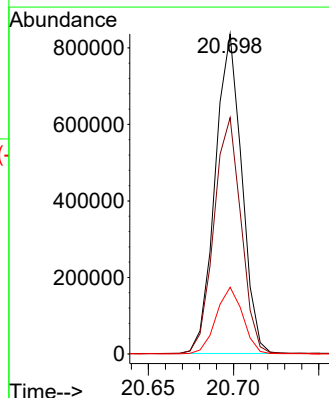
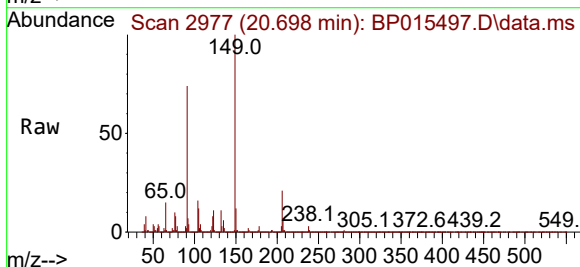
Tgt Ion:149 Resp: 906442

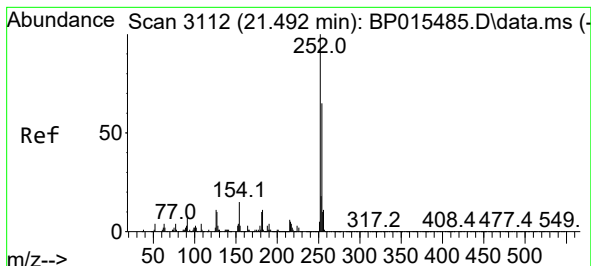
Ion Ratio Lower Upper

149 100

91 73.8 60.4 90.6

206 20.9 16.4 24.6





#84

3,3'-Dichlorobenzidine

Concen: 17.780 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

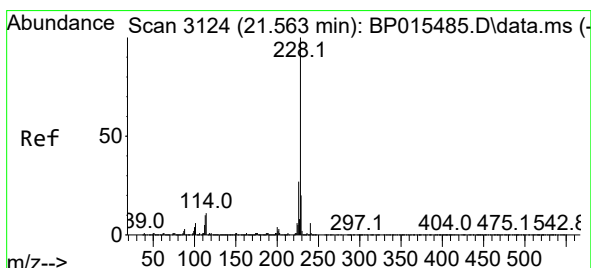
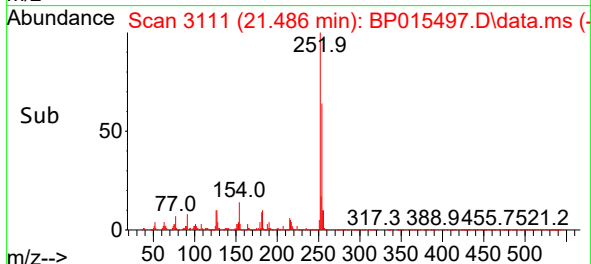
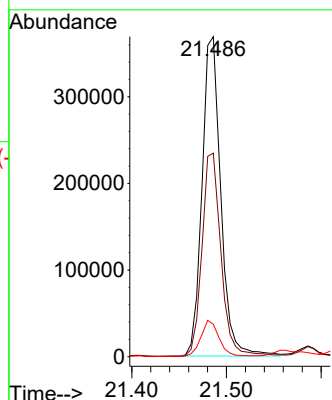
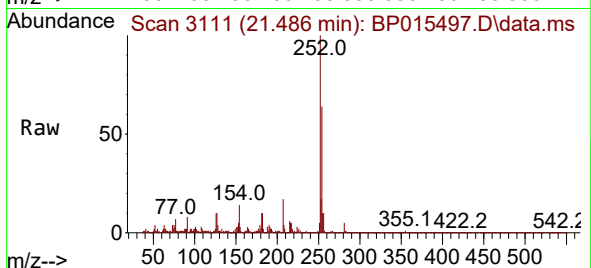
Tgt Ion:252 Resp: 508952

Ion Ratio Lower Upper

252 100

254 63.6 51.6 77.4

126 10.1 8.5 12.7



#85

Benzo(a)anthracene

Concen: 22.779 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

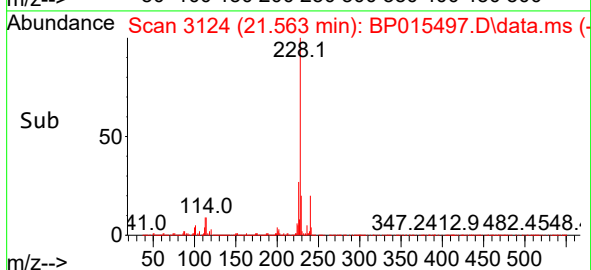
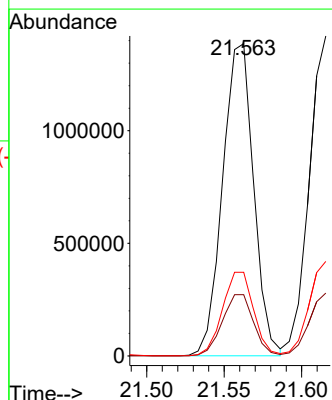
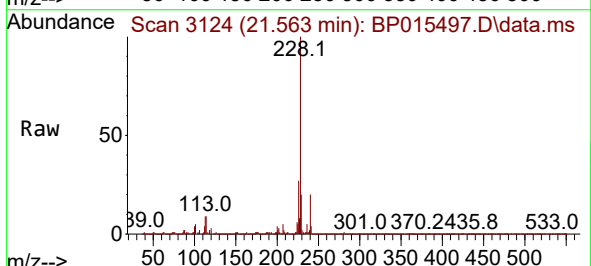
Tgt Ion:228 Resp: 1929432

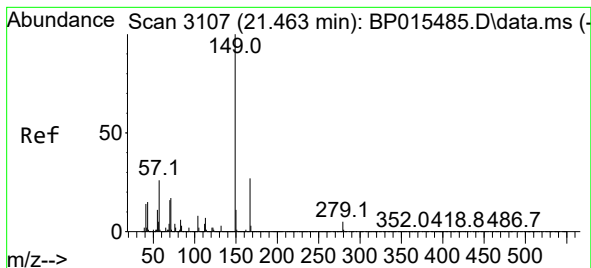
Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 26.8 21.8 32.6

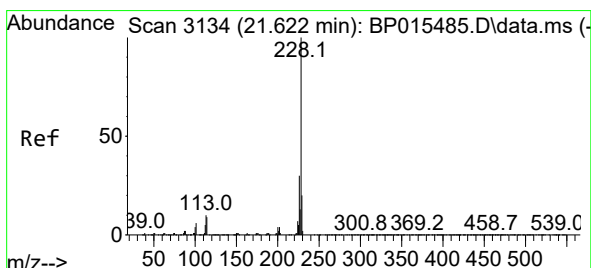
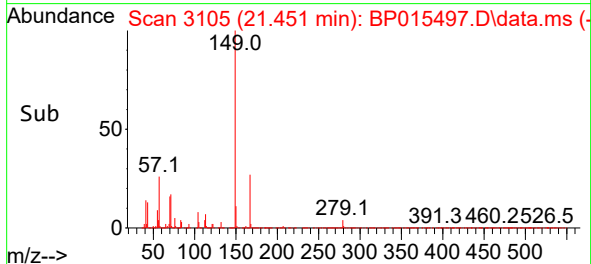
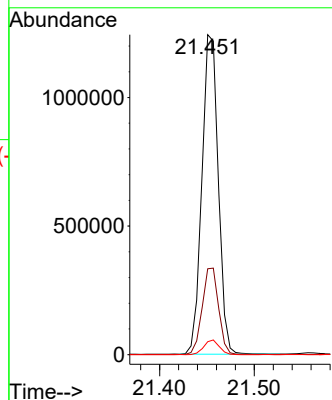
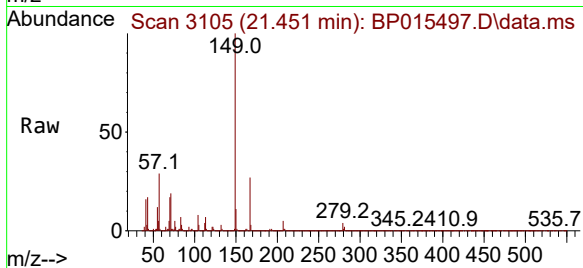




#86
Bis(2-ethylhexyl)phthalate
Concen: 28.012 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

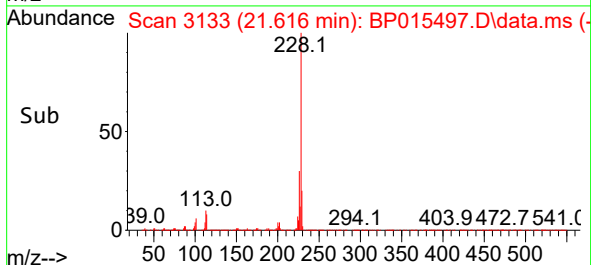
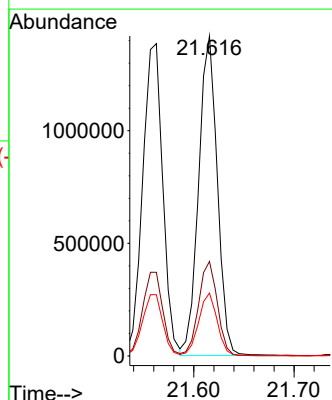
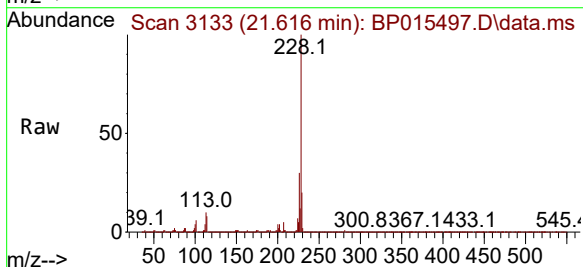
Instrument :
BNA_P
ClientSampleId :
ESQY0MS

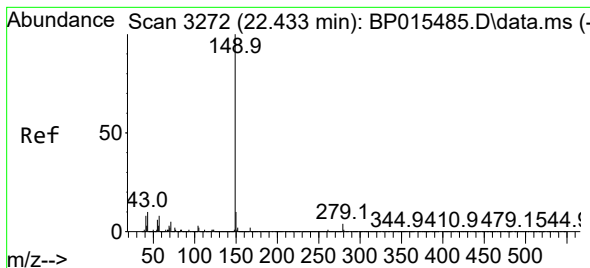
Tgt Ion:149 Resp: 1495546
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.1 3.7 5.5



#87
Chrysene
Concen: 22.974 ng/ul
RT: 21.616 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Tgt Ion:228 Resp: 1839385
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.6 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 26.444 ng/ul

RT: 22.421 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

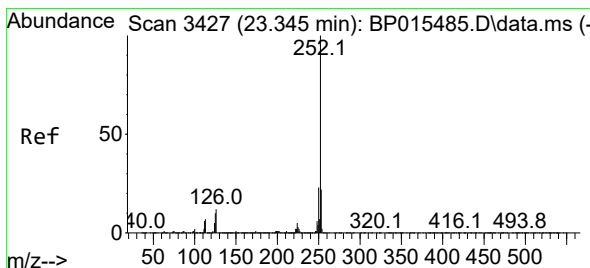
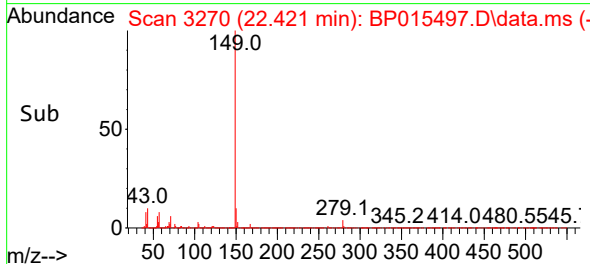
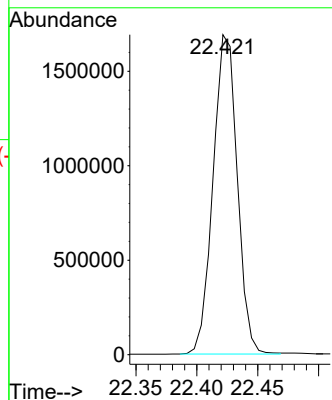
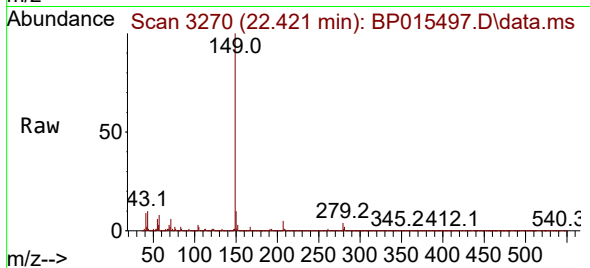
Instrument :

BNA_P

ClientSampleId :

ESQY0MS

Tgt Ion:149 Resp: 2337636



#90

Benzo(b)fluoranthene

Concen: 22.929 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

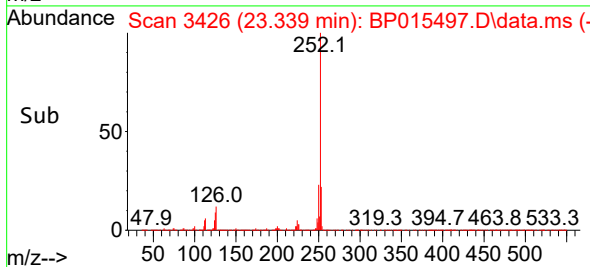
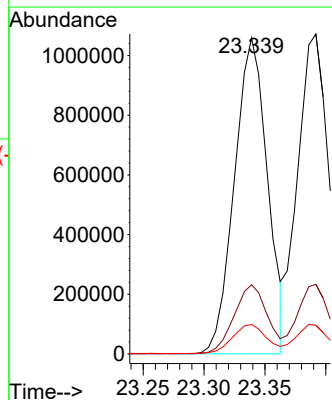
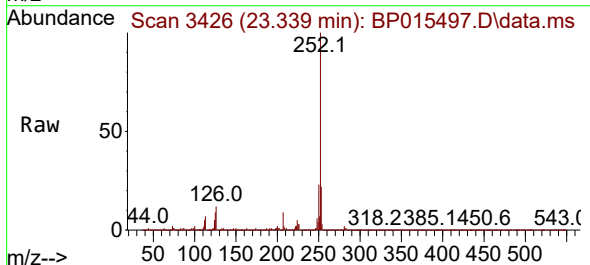
Tgt Ion:252 Resp: 1990787

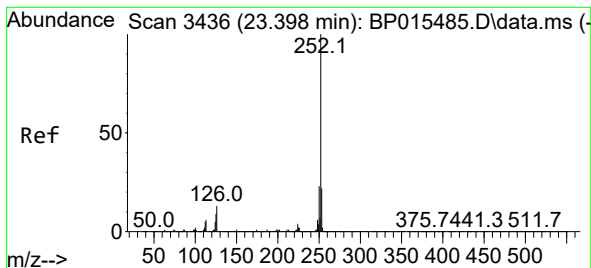
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.3 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 22.948 ng/ul

RT: 23.392 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

Instrument :

BNA_P

ClientSampleId :

ESQY0MS

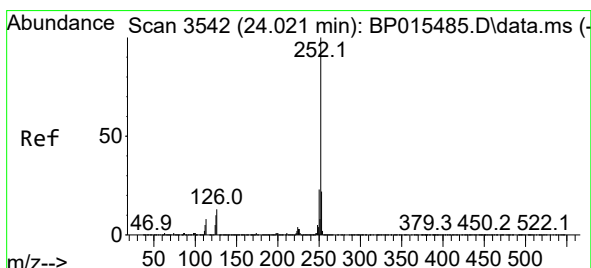
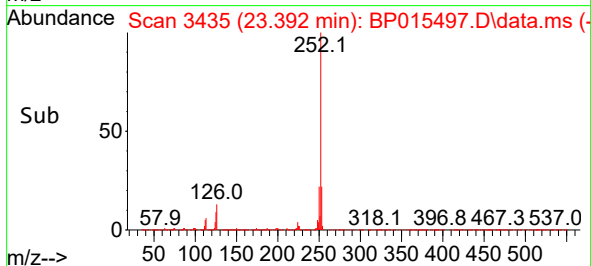
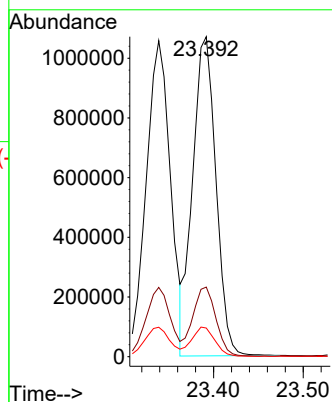
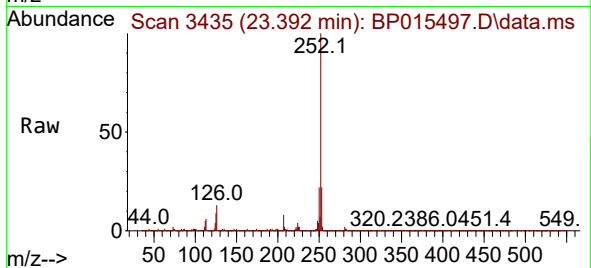
Tgt Ion:252 Resp: 1926000

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.9 7.3 10.9



#93

Benzo(a)pyrene

Concen: 22.009 ng/ul

RT: 24.009 min Scan# 3540

Delta R.T. -0.000 min

Lab File: BP015497.D

Acq: 13 Jun 2023 15:35

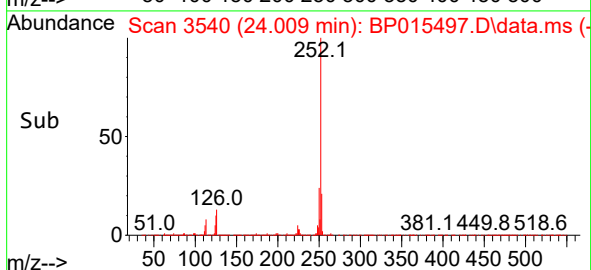
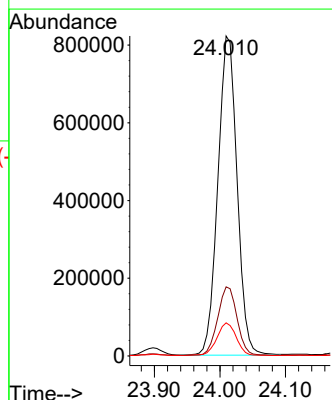
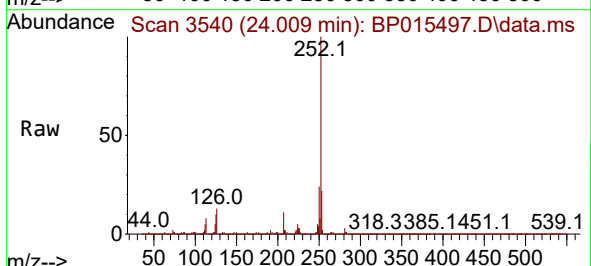
Tgt Ion:252 Resp: 1665996

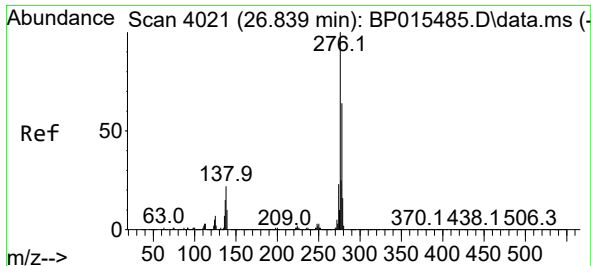
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 10.4 8.1 12.1

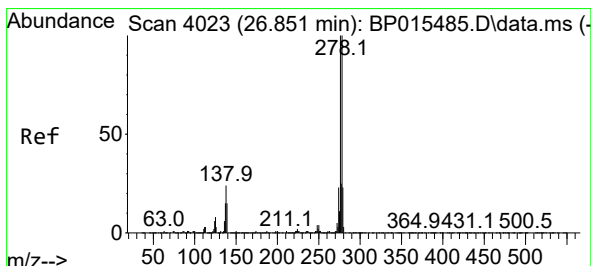
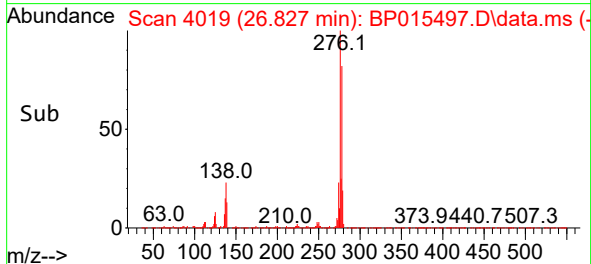
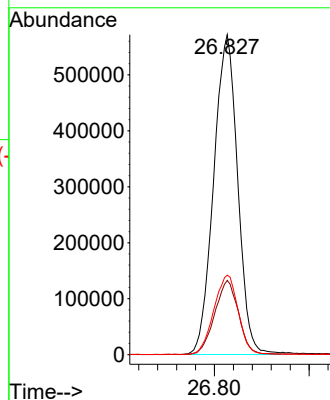
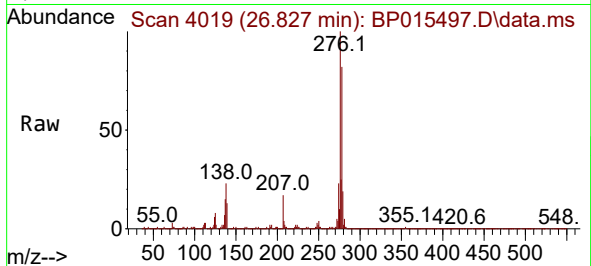




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 20.499 ng/ul
 RT: 26.827 min Scan# 4019
 Delta R.T. -0.000 min
 Lab File: BP015497.D
 Acq: 13 Jun 2023 15:35

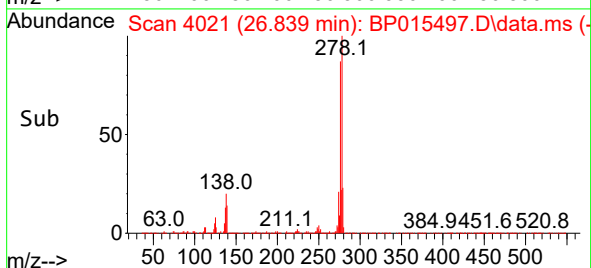
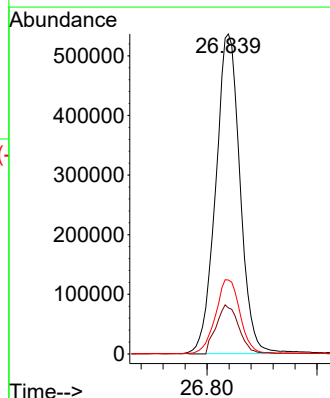
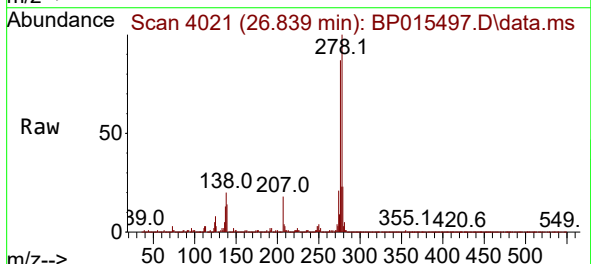
Instrument :
 BNA_P
 ClientSampleId :
 ESQY0MS

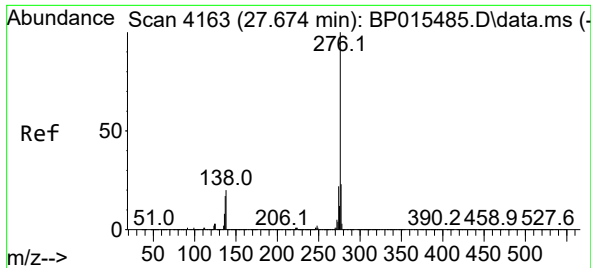
Tgt Ion:276 Resp: 2008185
 Ion Ratio Lower Upper
 276 100
 138 23.2 17.3 25.9
 277 24.8 20.2 30.2



#95
 Dibenzo(a,h)anthracene
 Concen: 20.613 ng/ul
 RT: 26.839 min Scan# 4021
 Delta R.T. -0.000 min
 Lab File: BP015497.D
 Acq: 13 Jun 2023 15:35

Tgt Ion:278 Resp: 1645159
 Ion Ratio Lower Upper
 278 100
 139 14.4 11.4 17.0
 279 23.1 18.7 28.1





#96
Benzo(g,h,i)perylene
Concen: 16.063 ng/ul
RT: 27.656 min Scan# 4160
Delta R.T. -0.000 min
Lab File: BP015497.D
Acq: 13 Jun 2023 15:35

Instrument :
BNA_P
ClientSampleId :
ESQY0MS

Tgt Ion:276 Resp: 1296781
Ion Ratio Lower Upper
276 100
138 19.0 15.6 23.4
277 23.8 19.0 28.6

