

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
 Data File : BP015498.D
 Acq On : 13 Jun 2023 16:09
 Operator : MA/JU
 Sample : 03078-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ESQY0MSD

Quant Time: Jun 14 00:14:54 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	148766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	682811	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	449329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1023664	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	944510	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1035115	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	13214	3.289	ng/uL	0.00
4) Pyridine-d5	3.852	84	292	0.028	ng/u1	0.00
7) Phenol-d5	7.246	99	282124	20.585	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	181295	22.149	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	224208	22.564	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	230772	20.516	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	118875	22.175	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	134525	21.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	250236	22.408	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	201311	12.559	ng/u1	0.00
46) Dimethylphthalate-d6	14.140	166	839586	23.695	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	913425	23.576	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	126768	19.979	ng/u1	0.00
60) Fluorene-d10	15.728	176	699497	23.411	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	137118	21.144	ng/u1	0.00
73) Anthracene-d10	17.592	188	1106629	23.760	ng/u1	0.00
81) Pyrene-d10	19.816	212	1412648	27.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1338275	25.767	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	32156	7.578	ng/uL	93
6) Benzaldehyde	7.228	77	201298	38.426	ng/u1	98
8) Phenol	7.275	94	327379	23.154	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.510	93	249483	22.317	ng/u1	98
12) 2-Chlorophenol	7.652	128	236066	22.485	ng/u1	99
13) 2-Methylphenol	8.540	108	223651	20.558	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.628	45	344849	23.278	ng/u1	97
16) Acetophenone	8.928	105	492991	27.463	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.905	70	216169	22.312	ng/u1	98
18) 4-Methylphenol	8.869	108	256872	21.460	ng/u1	97
19) Hexachloroethane	9.181	117	100590	22.673	ng/u1	97
22) Nitrobenzene	9.310	77	324253	22.808	ng/u1	99
23) Isophorone	9.840	82	631777	22.200	ng/u1	100
25) 2-Nitrophenol	10.028	139	148775	22.508	ng/u1	98
26) 2,4-Dimethylphenol	10.081	107	167801	11.971	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.322	93	365841	22.111	ng/u1	98
29) 2,4-Dichlorophenol	10.563	162	258518	23.283	ng/u1	98
30) Naphthalene	10.969	128	836664	22.612	ng/u1	100
32) 4-Chloroaniline	11.087	127	301355	18.169	ng/u1	98
33) Hexachlorobutadiene	11.246	225	170786	22.808	ng/u1	97
34) Caprolactam	11.863	113	87855	21.019	ng/u1	92
35) 4-Chloro-3-methylphenol	12.198	107	302756	22.505	ng/u1	99
36) 2-Methylnaphthalene	12.569	142	585381	22.505	ng/u1	100
37) 1-Methylnaphthalene	12.787	142	600030	22.911	ng/u1	97

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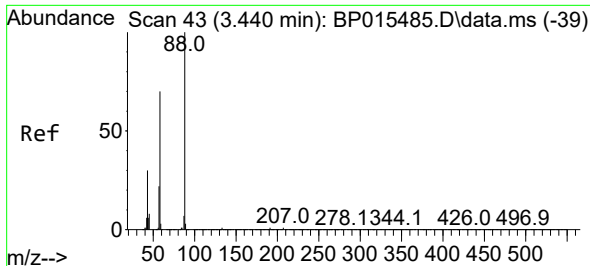
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.934	216	337770	24.141	ng/ul	98
40) Hexachlorocyclopentadiene	12.910	237	91600	15.971	ng/ul	99
41) 2,4,6-Trichlorophenol	13.175	196	224095	24.064	ng/ul	100
42) 2,4,5-Trichlorophenol	13.251	196	239320	23.583	ng/ul	97
43) 1,1'-Biphenyl	13.569	154	819027	23.570	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	640510	23.494	ng/ul	99
45) 2-Nitroaniline	13.822	65	213756	24.498	ng/ul	94
47) Dimethylphthalate	14.187	163	853745	23.337	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	177852	23.729	ng/ul	99
50) Acenaphthylene	14.457	152	1002224	23.359	ng/ul	100
51) 3-Nitroaniline	14.645	138	161702	26.134	ng/ul	98
52) Acenaphthene	14.798	153	695268	23.443	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	86542	19.194	ng/ul	95
55) 4-Nitrophenol	14.951	109	129407	21.144	ng/ul	98
56) Dibenzofuran	15.134	168	985044	23.434	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	269519	24.449	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	223670	24.411	ng/ul	96
59) Diethylphthalate	15.545	149	900014	24.004	ng/ul	99
61) Fluorene	15.787	166	808739	23.601	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	406204	23.521	ng/ul	98
63) 4-Nitroaniline	15.810	138	162626	27.710	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.869	198	152761	23.096	ng/ul	95
67) N-Nitrosodiphenylamine	15.987	169	702875	24.203	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	267658	24.440	ng/ul	97
69) Hexachlorobenzene	16.792	284	319027	24.696	ng/ul	96
70) Atrazine	16.939	200	292712	25.240	ng/ul	99
71) Pentachlorophenol	17.139	266	179400	24.570	ng/ul	97
72) Phenanthrene	17.533	178	1397031	25.431	ng/ul	100
74) Anthracene	17.628	178	1344943	24.130	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.540	216	337068	23.858	ng/uL	99
76) Pentachlorobenzene	15.051	250	355251	24.016	ng/uL	99
77) Carbazole	17.892	167	1250089	24.908	ng/ul	100
78) Di-n-butylphthalate	18.422	149	1721713	27.038	ng/ul	99
80) Fluoranthene	19.492	202	1808365	29.368	ng/ul	98
82) Pyrene	19.839	202	1828046	28.695	ng/ul	100
83) Butylbenzylphthalate	20.698	149	829882	29.473	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	452261	20.268	ng/ul	99
85) Benzo(a)anthracene	21.557	228	1745123	26.430	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	1345311	32.325	ng/ul	99
87) Chrysene	21.610	228	1639958	26.277	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	2096469	30.817	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1780843	26.653	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1686139	26.106	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1469038	25.218	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.821	276	1767951	23.450	ng/ul	99
95) Dibenzo(a,h)anthracene	26.839	278	1450811	23.621	ng/ul	100
96) Benzo(g,h,i)perylene	27.651	276	1133149	18.238	ng/ul	99

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

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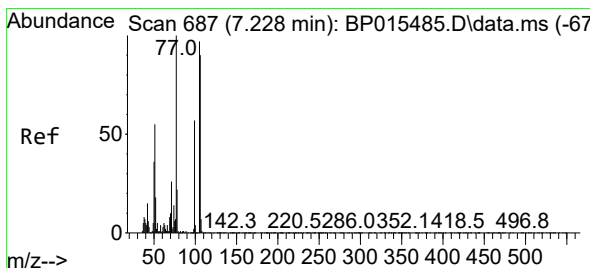
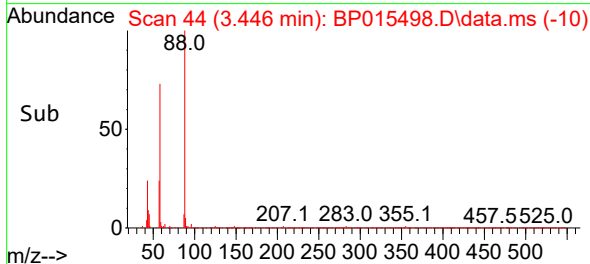
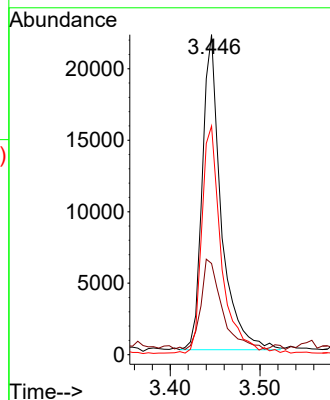
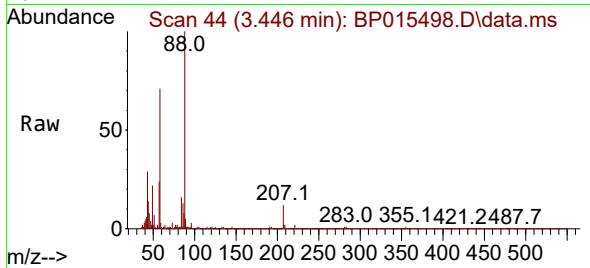




#2
1,4-Dioxane
Concen: 7.578 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.000 min
Lab File: BP015498.D
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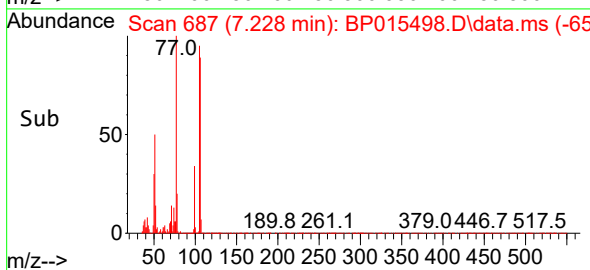
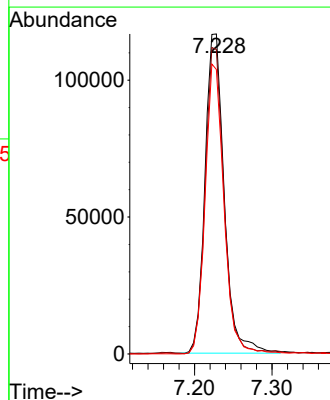
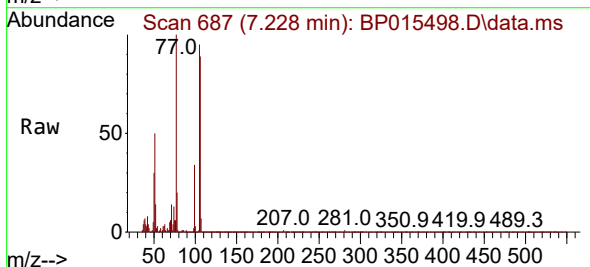
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

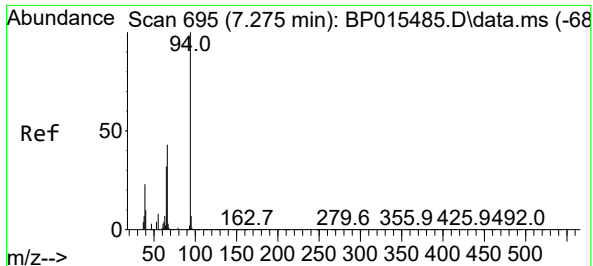
Tgt Ion: 88 Resp: 32156
Ion Ratio Lower Upper
88 100
43 28.5 23.9 35.9
58 71.4 51.4 77.2



#6
Benzaldehyde
Concen: 38.426 ng/uL
RT: 7.228 min Scan# 687
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion: 77 Resp: 201298
Ion Ratio Lower Upper
77 100
105 95.2 77.3 115.9
106 88.9 73.3 109.9

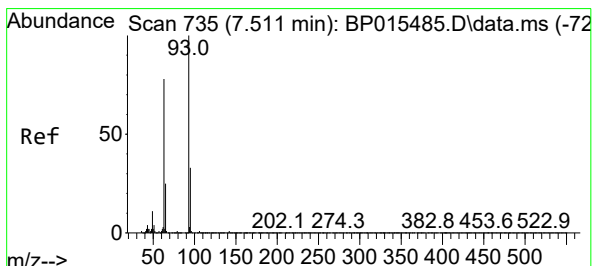
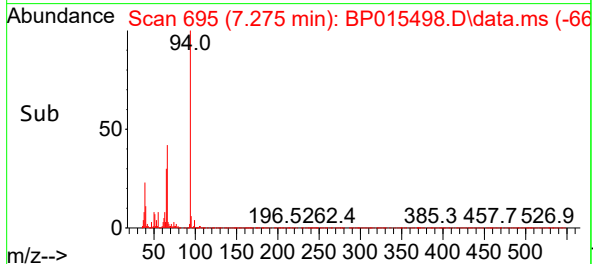
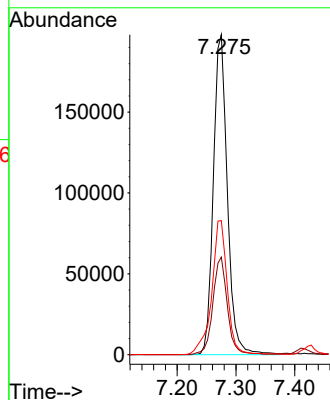
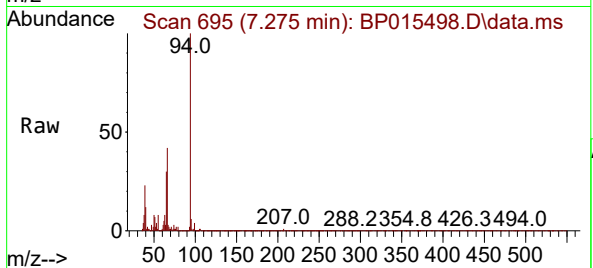




#8
Phenol
Concen: 23.154 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

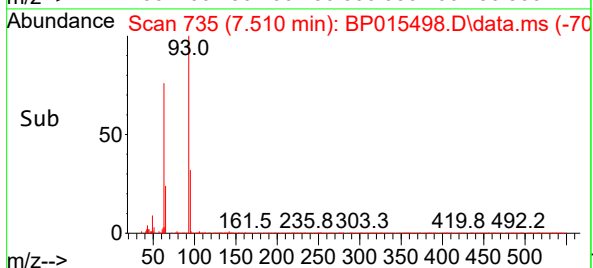
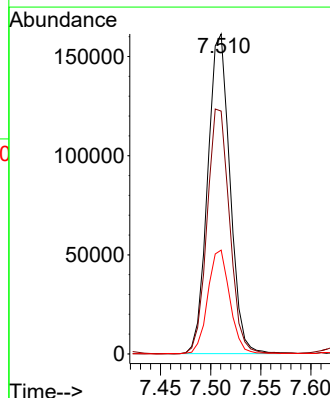
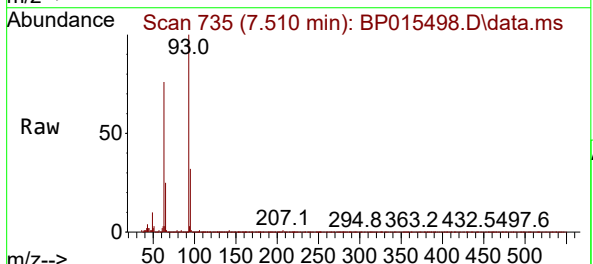
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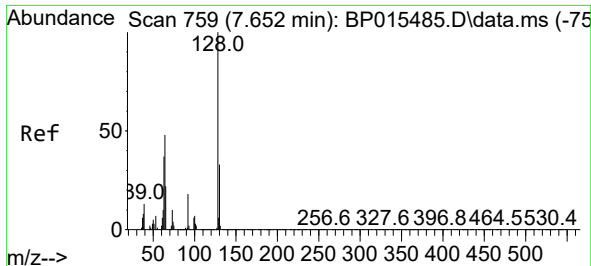
Tgt Ion: 94 Resp: 327379
Ion Ratio Lower Upper
94 100
65 30.5 23.5 35.3
66 41.9 34.2 51.4



#10
Bis(2-Chloroethyl)ether
Concen: 22.317 ng/ul
RT: 7.510 min Scan# 735
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion: 93 Resp: 249483
Ion Ratio Lower Upper
93 100
63 75.9 62.6 93.8
95 32.5 25.5 38.3





#12

2-Chlorophenol

Concen: 22.485 ng/ul

RT: 7.652 min Scan# 71

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

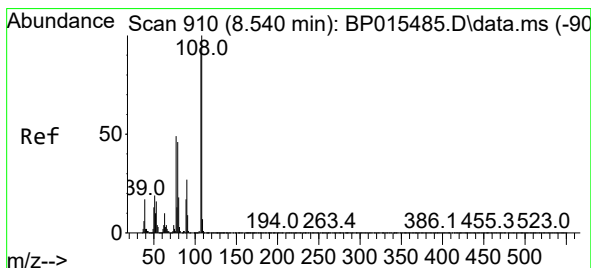
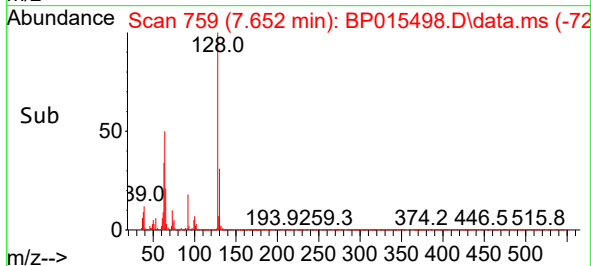
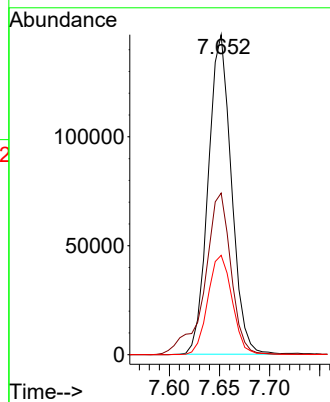
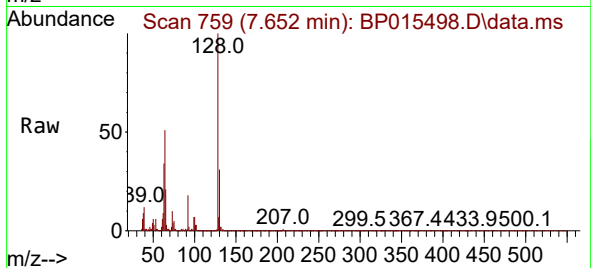
Tgt Ion:128 Resp: 236066

Ion Ratio Lower Upper

128 100

64 50.5 40.2 60.4

130 31.1 24.5 36.7



#13

2-Methylphenol

Concen: 20.558 ng/ul

RT: 8.540 min Scan# 910

Delta R.T. -0.000 min

Lab File: BP015498.D

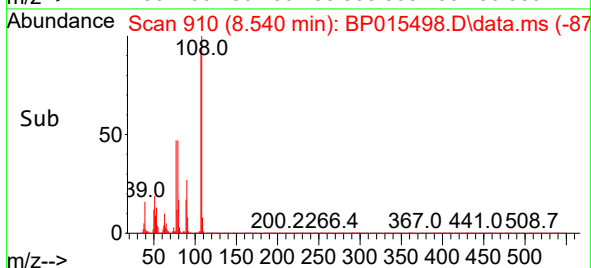
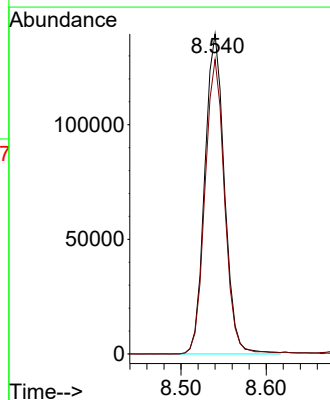
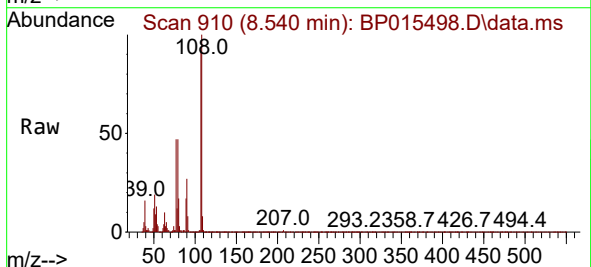
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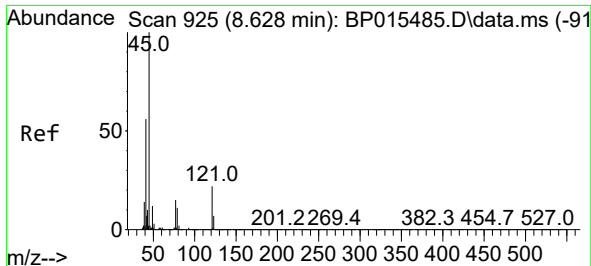
Tgt Ion:108 Resp: 223651

Ion Ratio Lower Upper

108 100

107 92.1 71.2 106.8

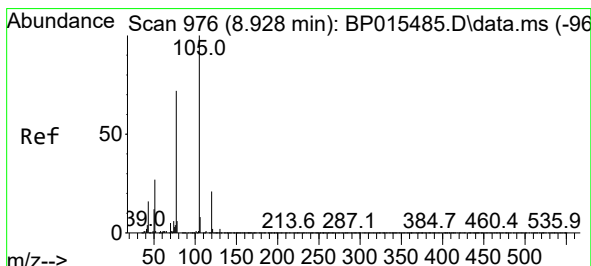
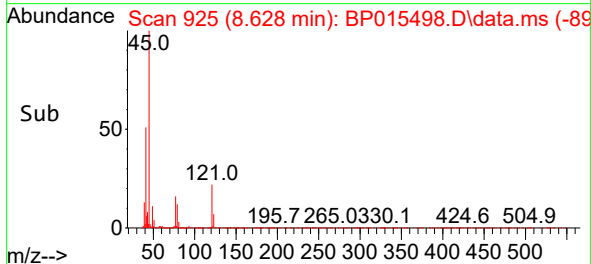
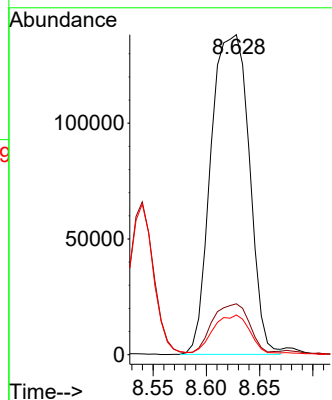
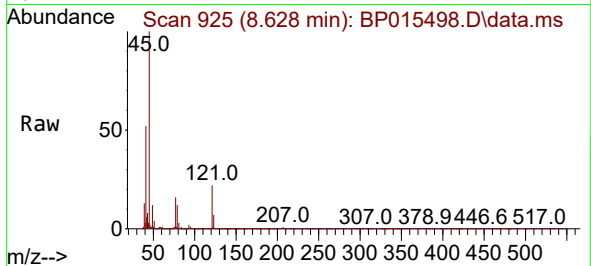




#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.278 ng/ul
RT: 8.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

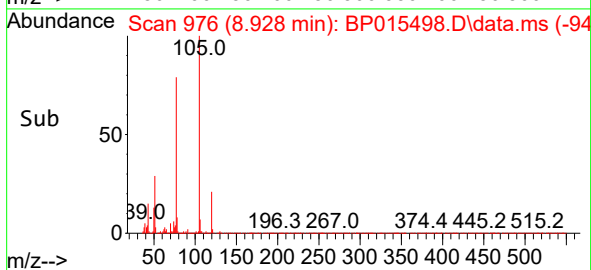
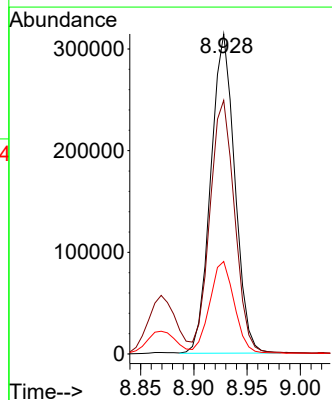
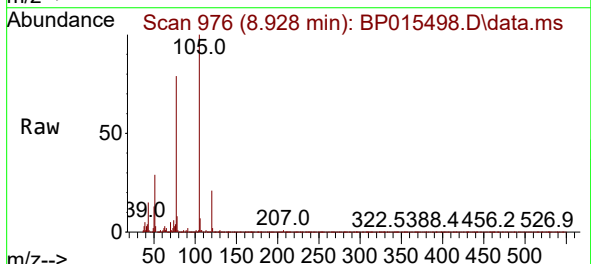
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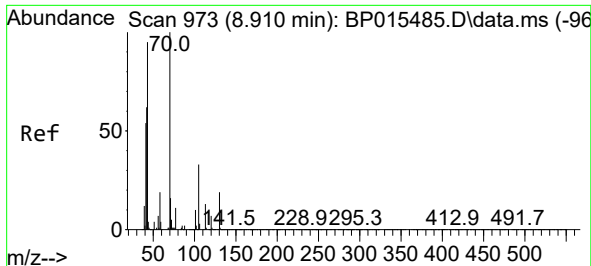
Tgt Ion: 45 Resp: 344849
Ion Ratio Lower Upper
45 100
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79 12.4 8.7 13.1



#16
Acetophenone
Concen: 27.463 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion: 105 Resp: 492991
Ion Ratio Lower Upper
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51 28.9 23.5 35.3

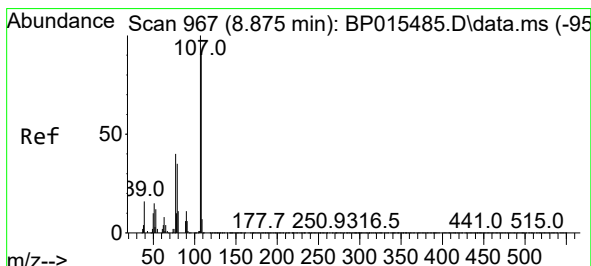
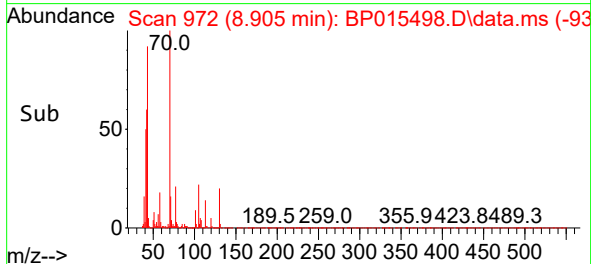
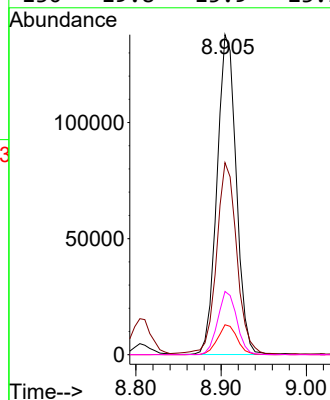
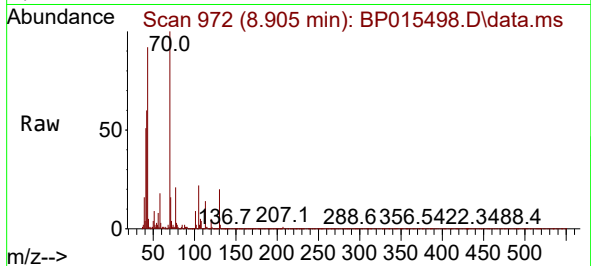




#17
N-Nitroso-di-n-propylamine
Concen: 22.312 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015498.D
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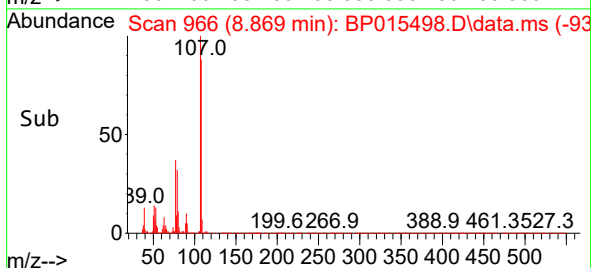
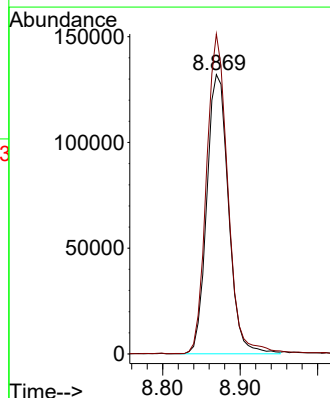
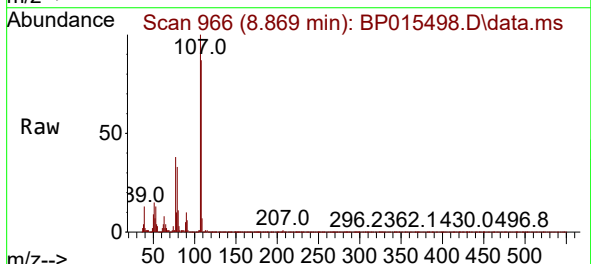
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ClientSampleId :
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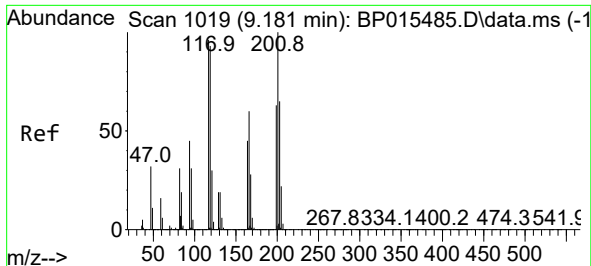
Tgt Ion: 70 Resp: 216169
Ion Ratio Lower Upper
70 100
42 60.0 46.6 69.8
101 9.4 7.8 11.6
130 19.8 15.9 23.9



#18
4-Methylphenol
Concen: 21.460 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion: 108 Resp: 256872
Ion Ratio Lower Upper
108 100
107 114.5 89.3 133.9

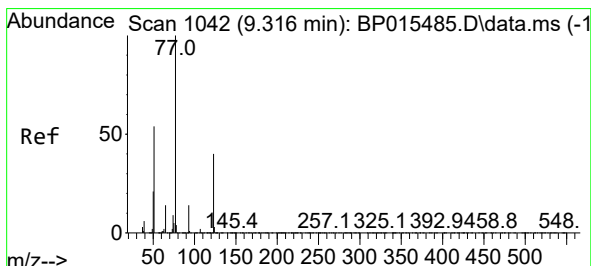
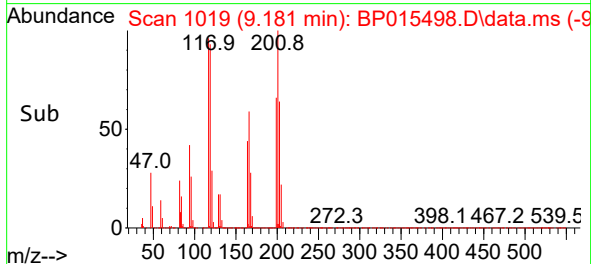
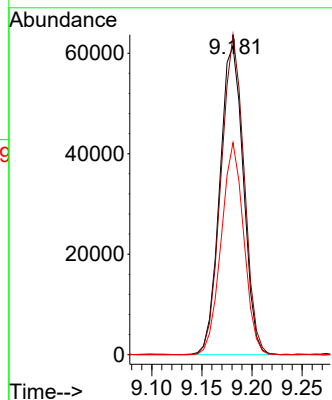
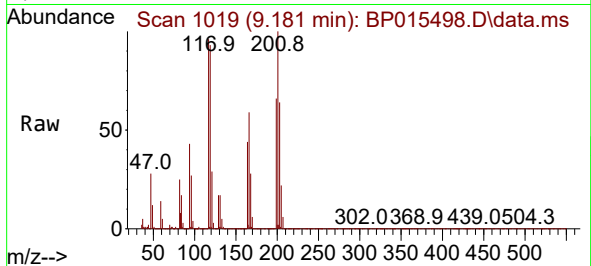




#19
Hexachloroethane
Concen: 22.673 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

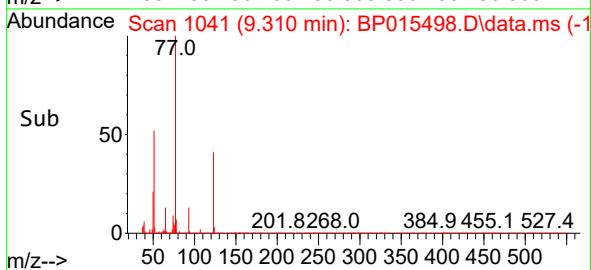
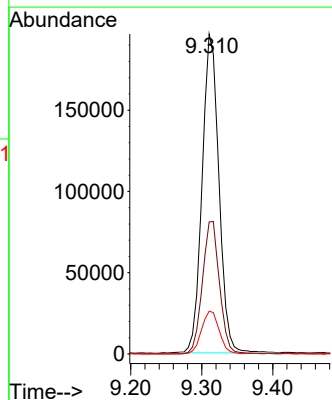
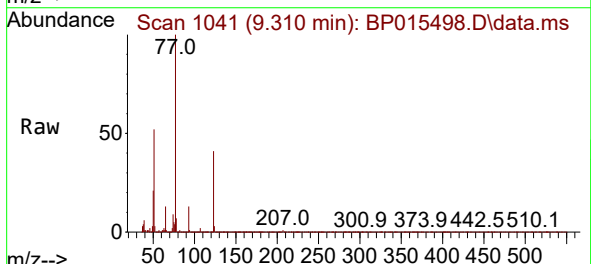
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

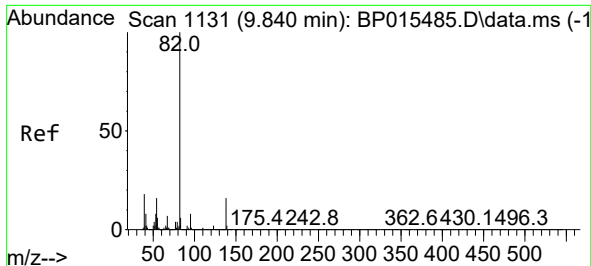
Tgt Ion:117 Resp: 100590
Ion Ratio Lower Upper
117 100
201 103.7 82.8 124.2
199 68.7 50.6 76.0



#22
Nitrobenzene
Concen: 22.808 ng/ul
RT: 9.310 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion: 77 Resp: 324253
Ion Ratio Lower Upper
77 100
123 41.3 33.5 50.3
65 13.4 11.6 17.4

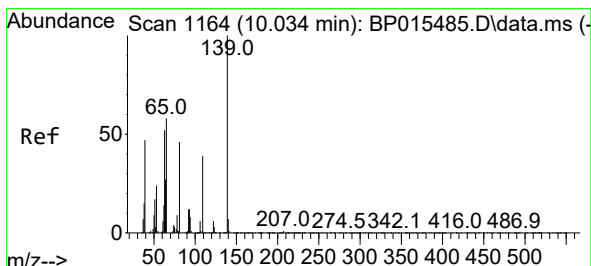
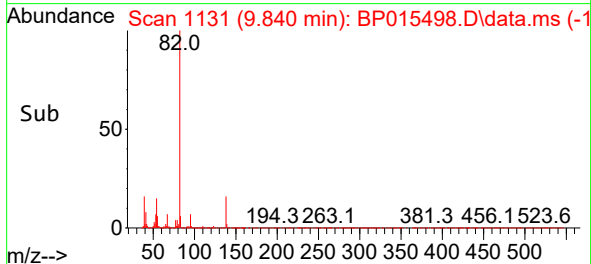
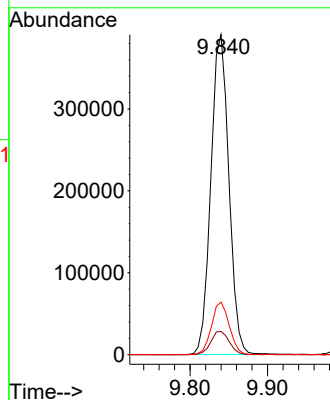
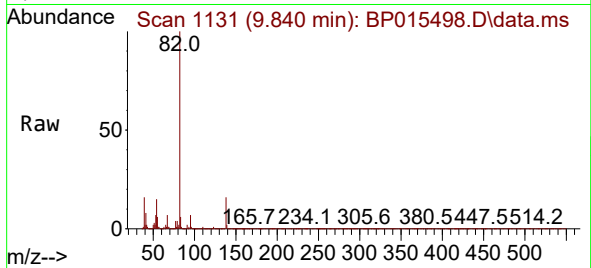




#23
Isophorone
Concen: 22.200 ng/ul
RT: 9.840 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

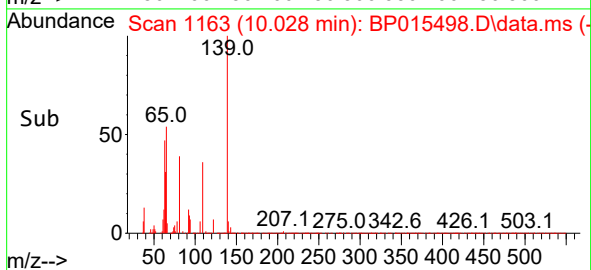
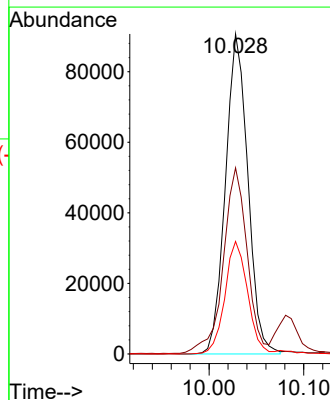
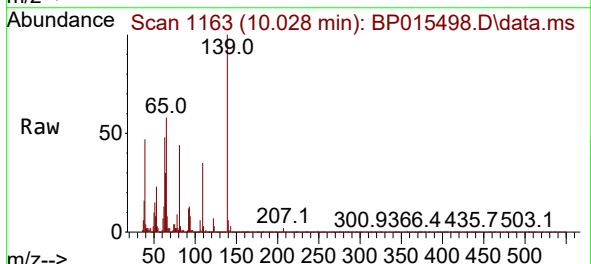
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

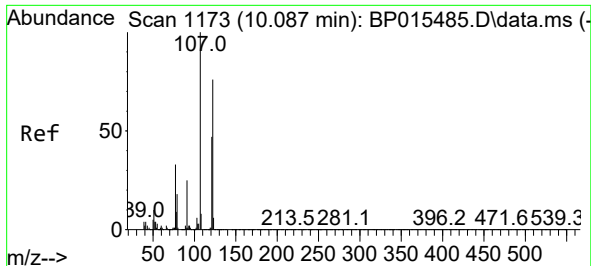
Tgt Ion: 82 Resp: 631777
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.4 13.1 19.7



#25
2-Nitrophenol
Concen: 22.508 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:139 Resp: 148775
Ion Ratio Lower Upper
139 100
65 58.1 46.9 70.3
109 35.1 30.2 45.2

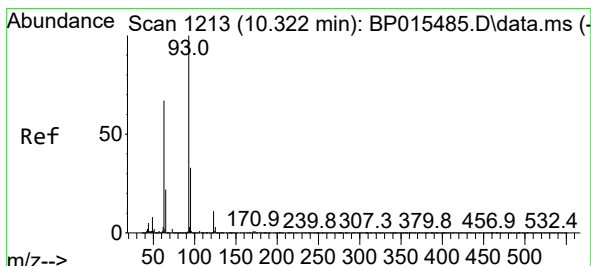
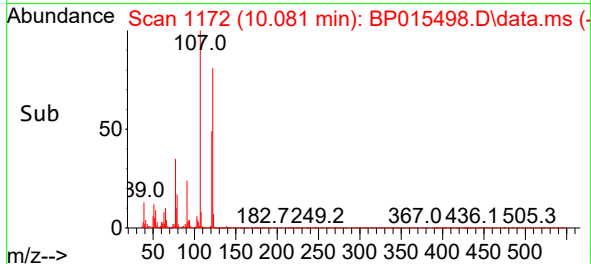
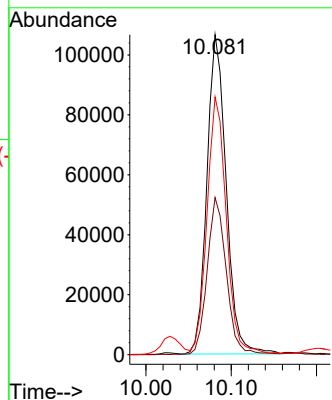
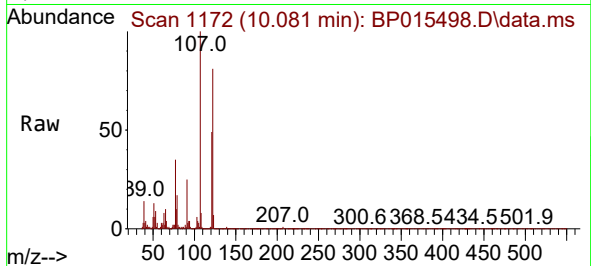




#26
2,4-Dimethylphenol
Concen: 11.971 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

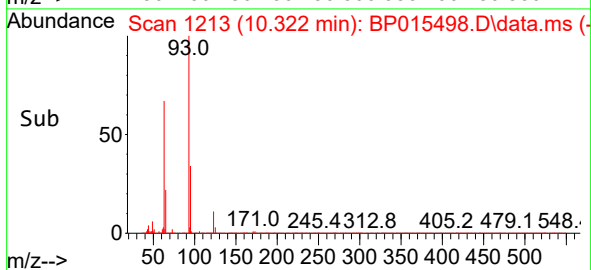
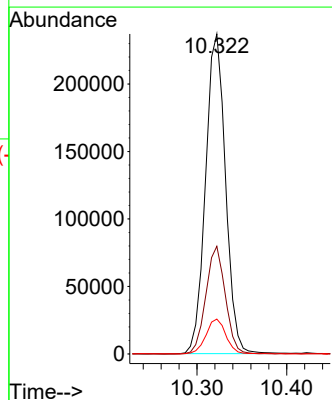
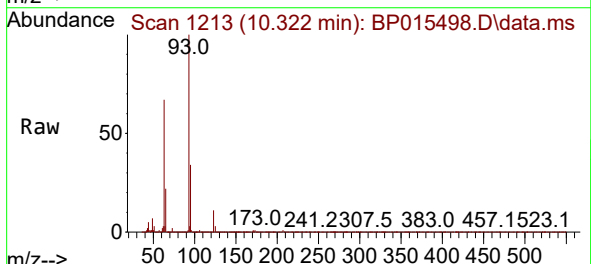
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

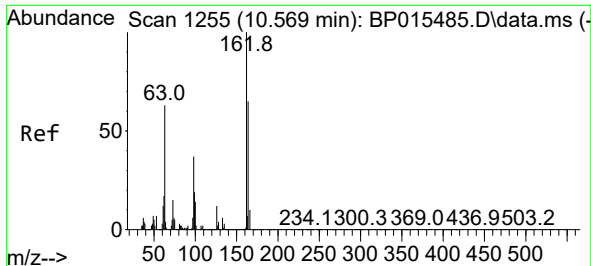
Tgt Ion:107 Resp: 167801
Ion Ratio Lower Upper
107 100
121 49.1 39.0 58.6
122 80.6 64.8 97.2



#27
Bis(2-Chloroethoxy)methane
Concen: 22.111 ng/ul
RT: 10.322 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion: 93 Resp: 365841
Ion Ratio Lower Upper
93 100
95 33.7 25.7 38.5
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 23.283 ng/ul

RT: 10.563 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

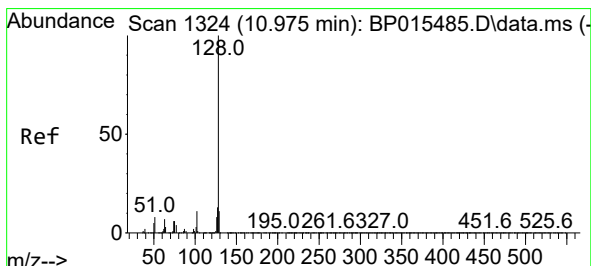
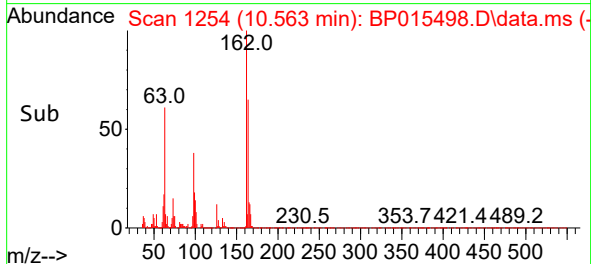
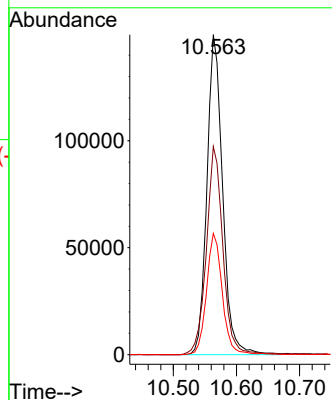
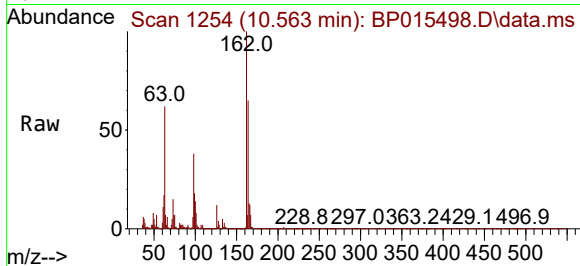
Tgt Ion:162 Resp: 258518

Ion Ratio Lower Upper

162 100

164 65.1 50.6 76.0

98 37.9 30.2 45.2



#30

Naphthalene

Concen: 22.612 ng/ul

RT: 10.969 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

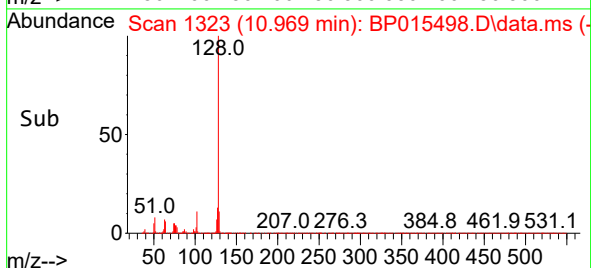
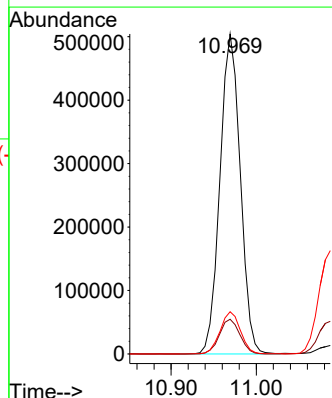
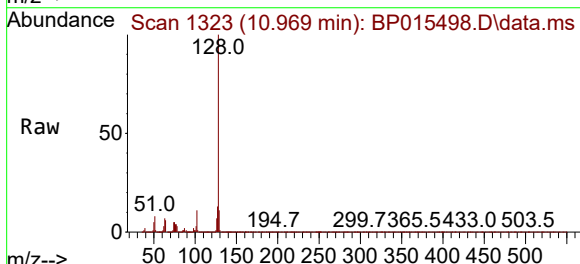
Tgt Ion:128 Resp: 836664

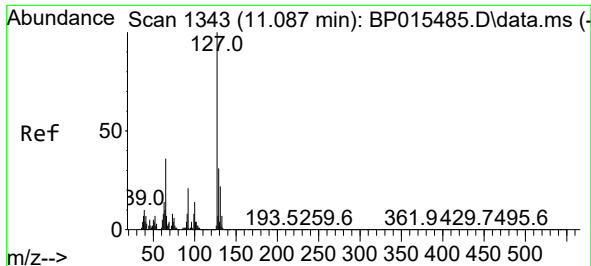
Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.2 10.5 15.7

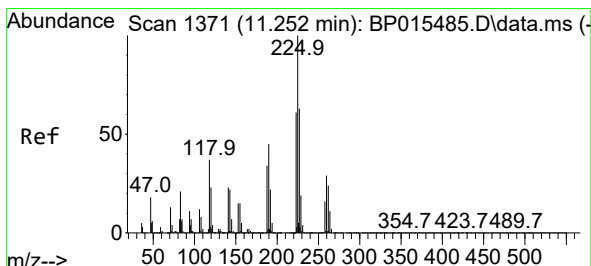
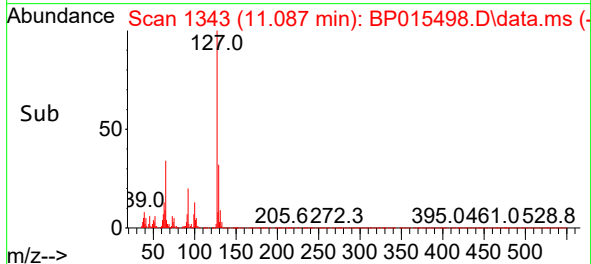
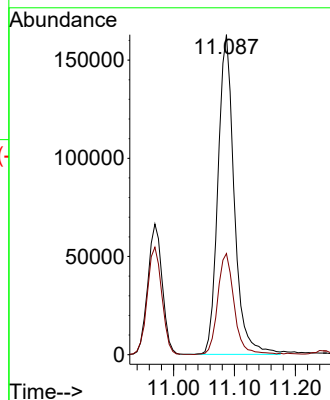
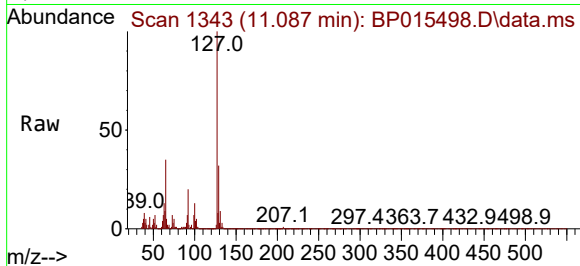




#32
4-Chloroaniline
Concen: 18.169 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

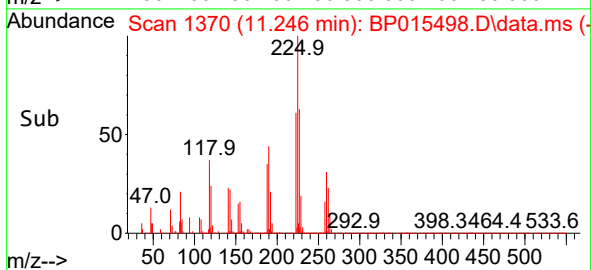
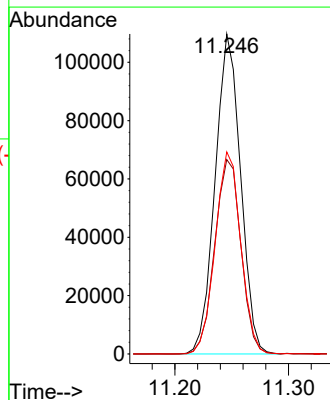
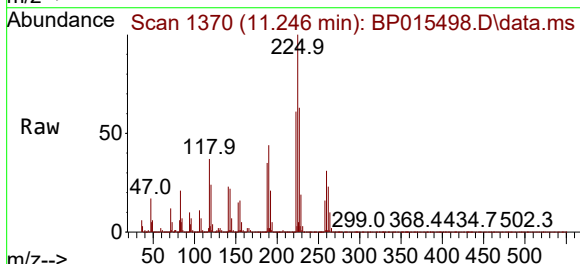
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

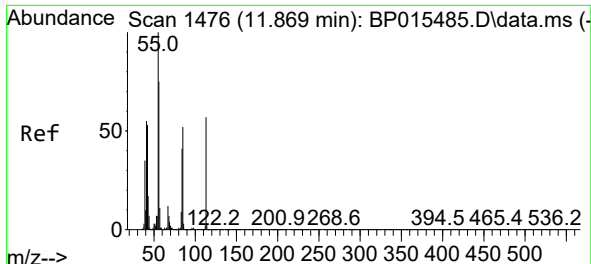
Tgt Ion:127 Resp: 301355
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1



#33
Hexachlorobutadiene
Concen: 22.808 ng/ul
RT: 11.246 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:225 Resp: 170786
Ion Ratio Lower Upper
225 100
223 60.8 52.0 78.0
227 63.1 50.6 75.8

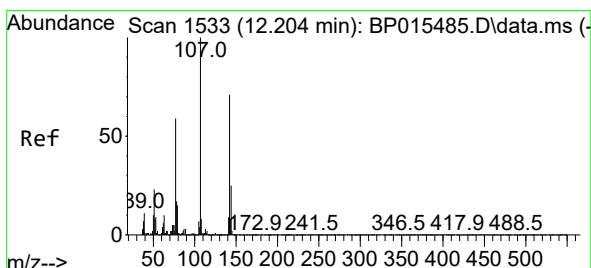
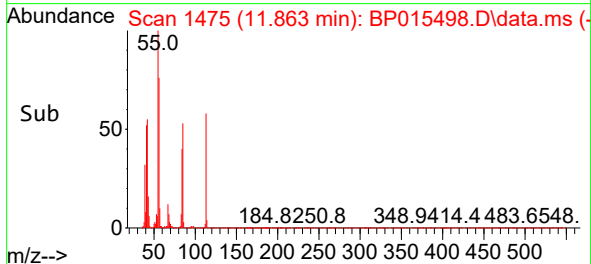
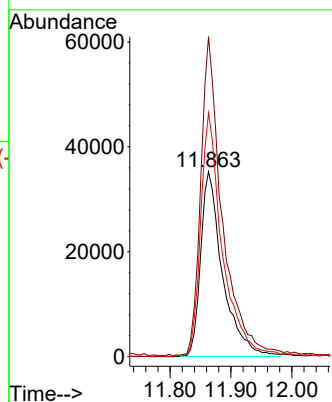
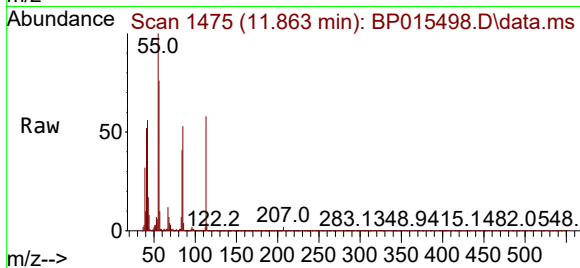




#34
Caprolactam
Concen: 21.019 ng/ul
RT: 11.863 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

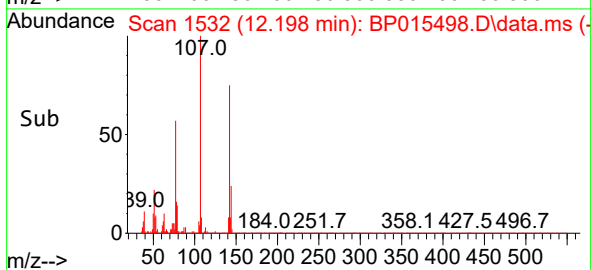
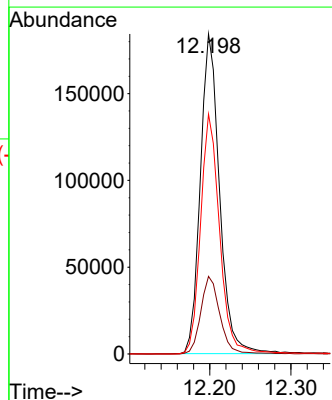
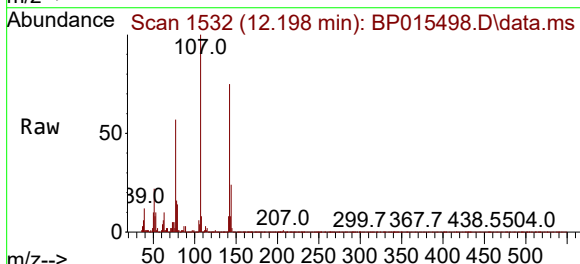
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

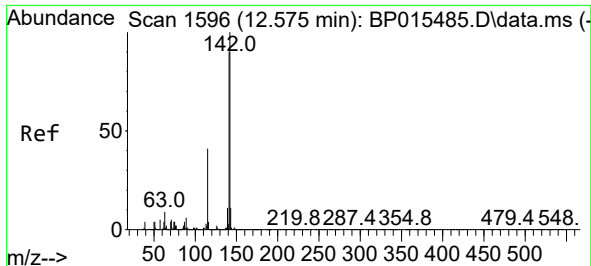
Tgt Ion:113 Resp: 87855
Ion Ratio Lower Upper
113 100
55 172.9 127.9 191.9
56 131.7 101.1 151.7



#35
4-Chloro-3-methylphenol
Concen: 22.505 ng/ul
RT: 12.198 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:107 Resp: 302756
Ion Ratio Lower Upper
107 100
144 24.3 19.4 29.0
142 74.9 60.4 90.6

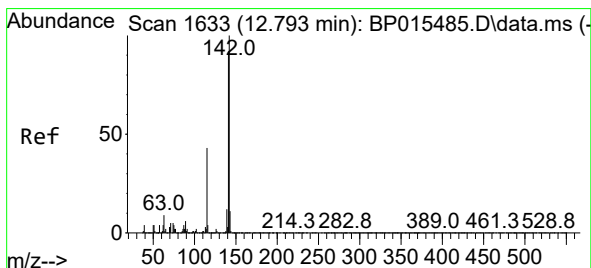
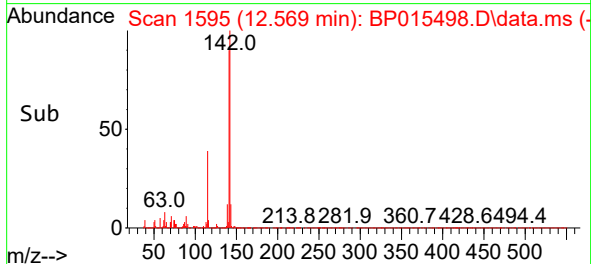
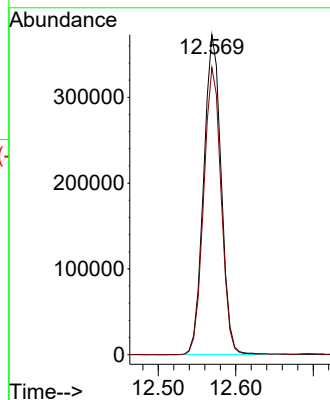
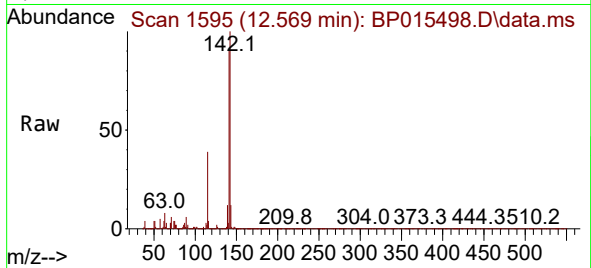




#36
2-Methylnaphthalene
Concen: 22.505 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

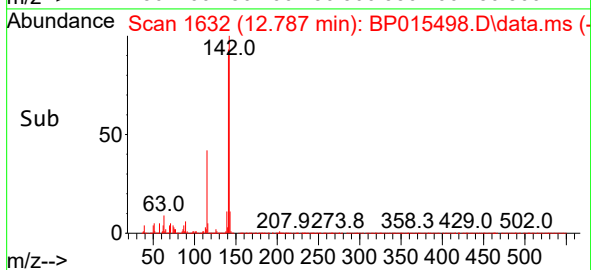
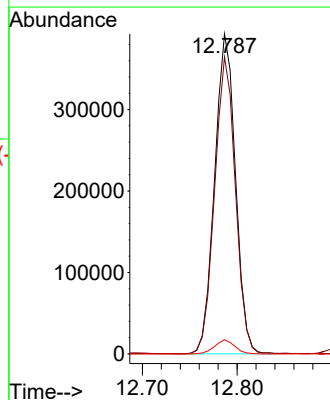
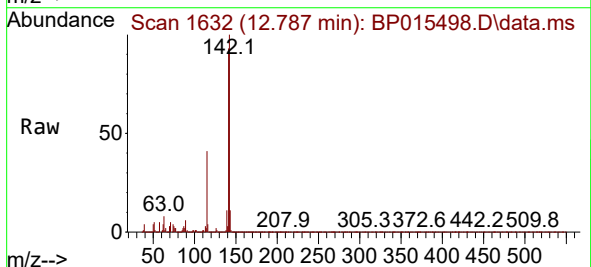
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

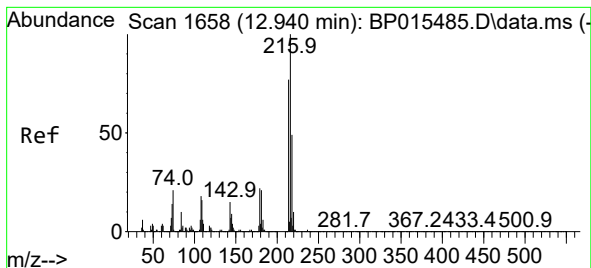
Tgt Ion:142 Resp: 585381
Ion Ratio Lower Upper
142 100
141 89.8 72.0 108.0



#37
1-Methylnaphthalene
Concen: 22.911 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:142 Resp: 600030
Ion Ratio Lower Upper
142 100
141 92.8 71.9 107.9
116 4.4 3.4 5.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.141 ng/ul

RT: 12.934 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

Tgt Ion:216 Resp: 337770

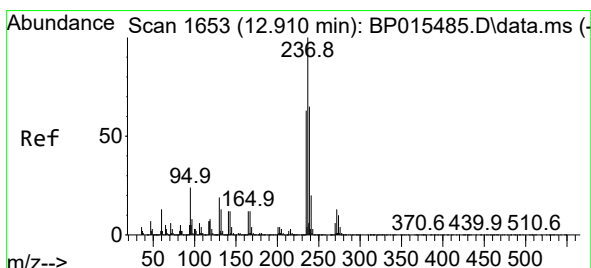
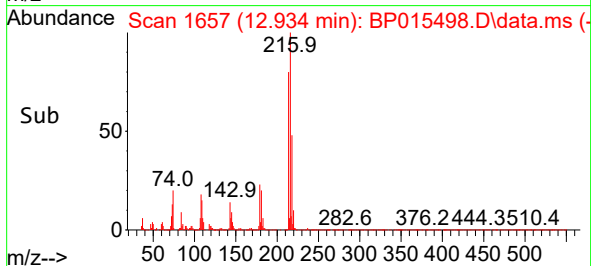
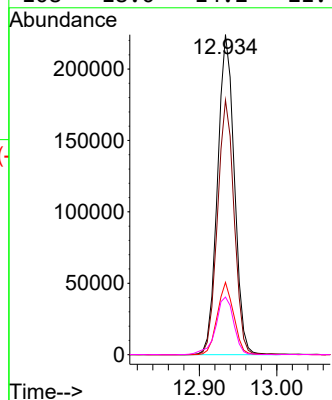
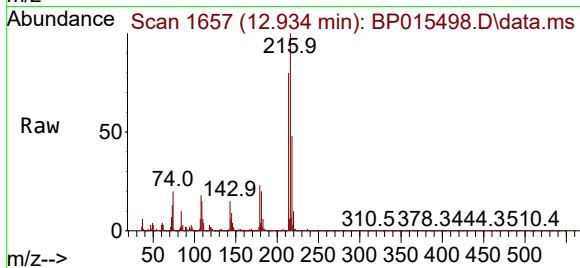
Ion Ratio Lower Upper

216 100

214 79.5 62.2 93.2

179 22.6 17.4 26.2

108 18.0 14.2 21.4



#40

Hexachlorocyclopentadiene

Concen: 15.971 ng/ul

RT: 12.910 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

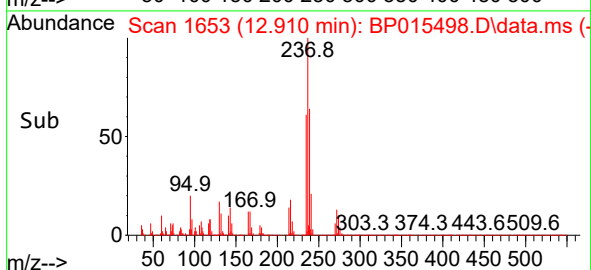
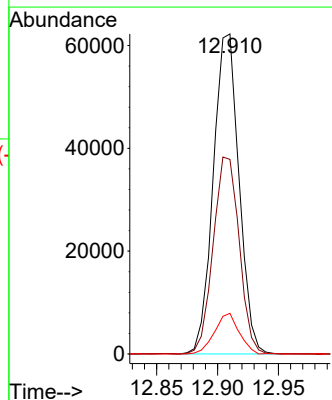
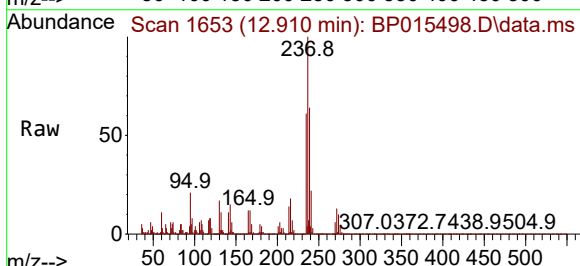
Tgt Ion:237 Resp: 91600

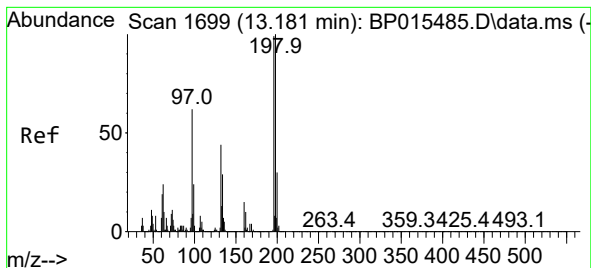
Ion Ratio Lower Upper

237 100

235 60.8 48.2 72.2

272 13.4 10.3 15.5





#41

2,4,6-Trichlorophenol

Concen: 24.064 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

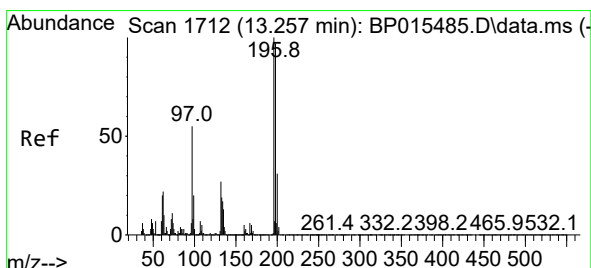
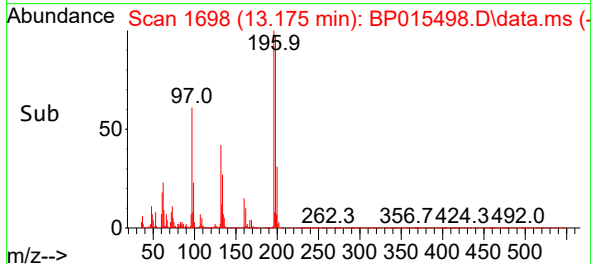
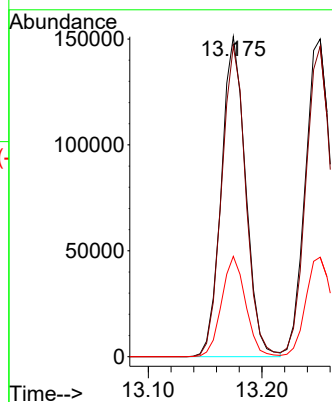
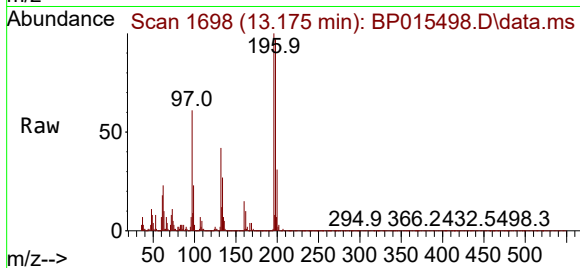
Tgt Ion:196 Resp: 224095

Ion Ratio Lower Upper

196 100

198 97.1 77.8 116.6

200 31.4 25.8 38.6



#42

2,4,5-Trichlorophenol

Concen: 23.583 ng/ul

RT: 13.251 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

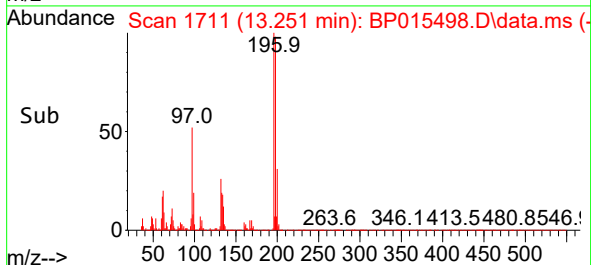
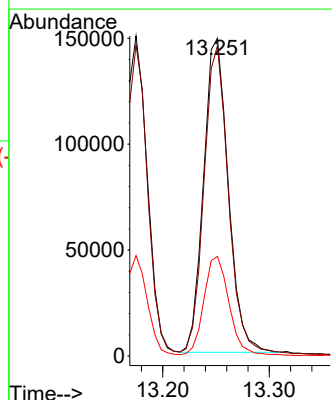
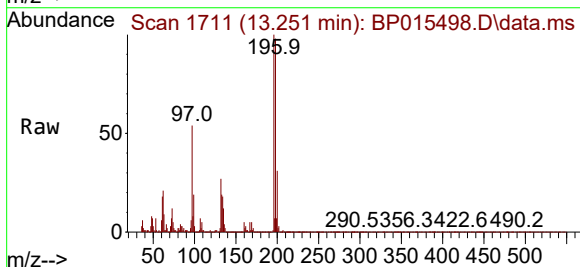
Tgt Ion:196 Resp: 239320

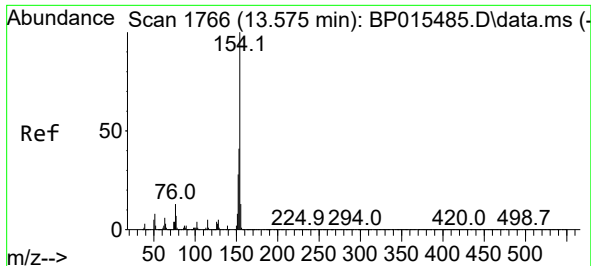
Ion Ratio Lower Upper

196 100

198 97.7 75.5 113.3

200 31.3 24.7 37.1

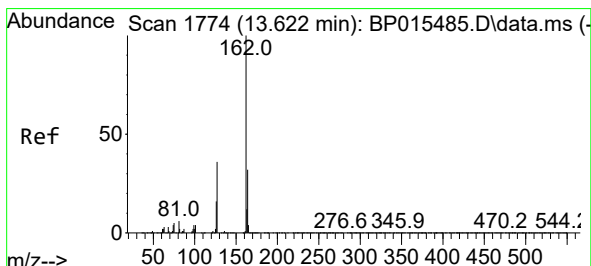
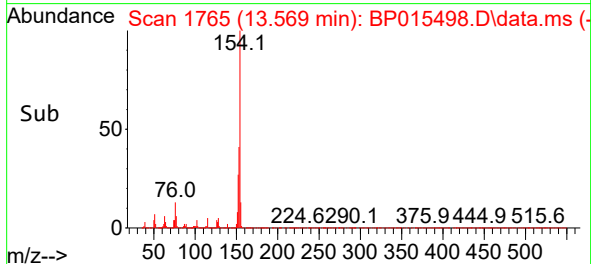
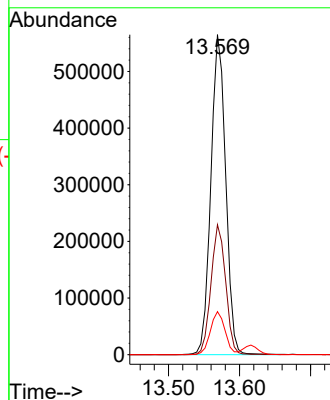
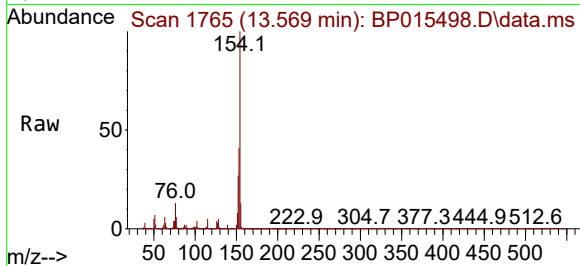




#43
1,1'-Biphenyl
Concen: 23.570 ng/ul
RT: 13.569 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

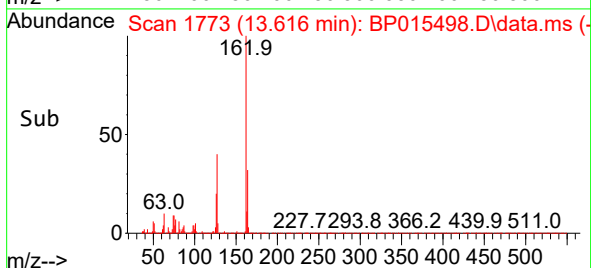
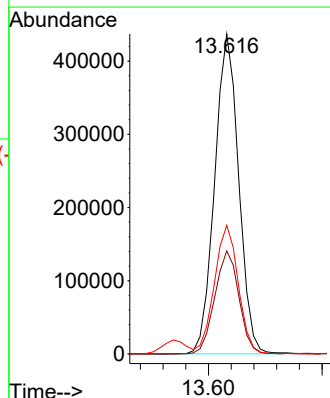
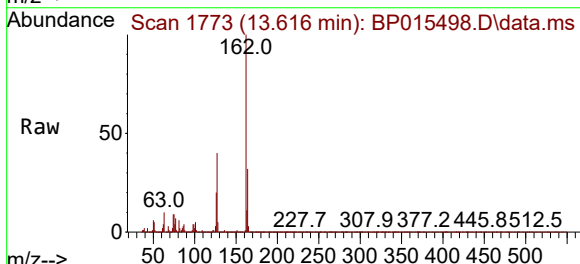
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

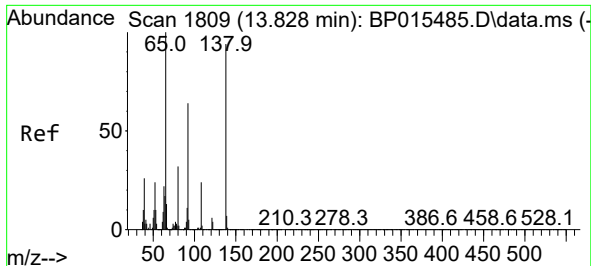
Tgt Ion:154 Resp: 819027
Ion Ratio Lower Upper
154 100
153 40.6 32.2 48.2
76 13.5 10.4 15.6



#44
2-Chloronaphthalene
Concen: 23.494 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:162 Resp: 640510
Ion Ratio Lower Upper
162 100
164 32.2 27.0 40.6
127 40.2 32.2 48.4

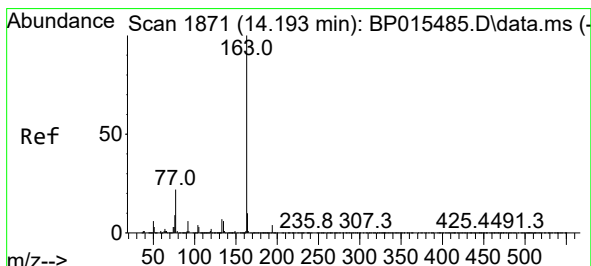
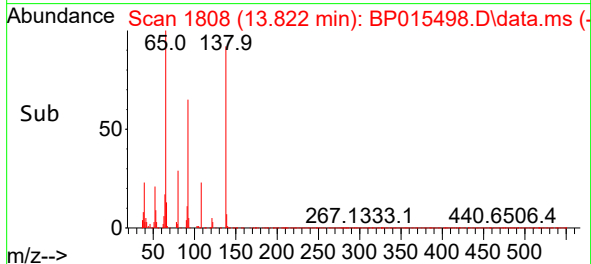
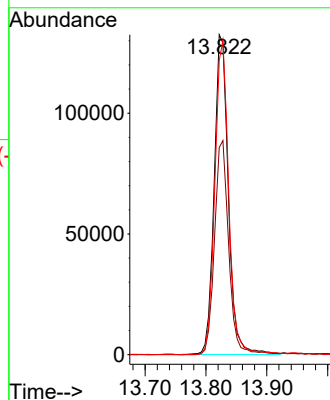
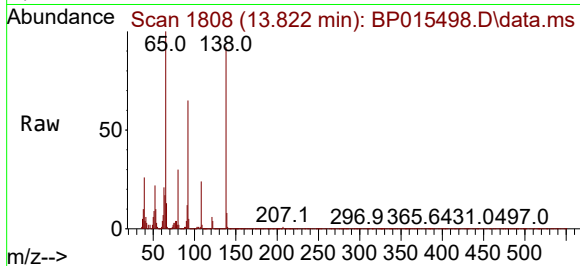




#45
2-Nitroaniline
Concen: 24.498 ng/ul
RT: 13.822 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

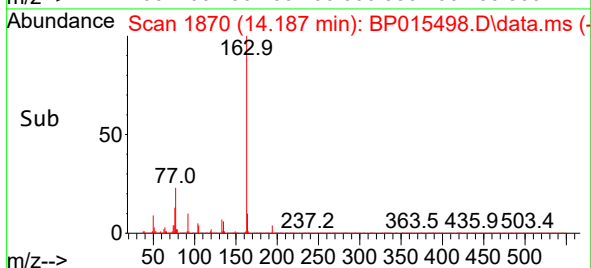
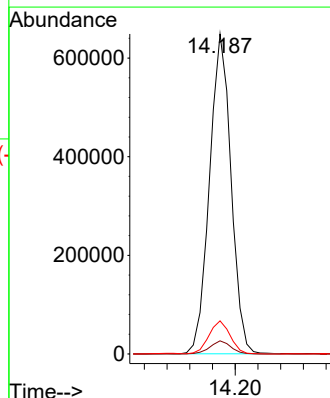
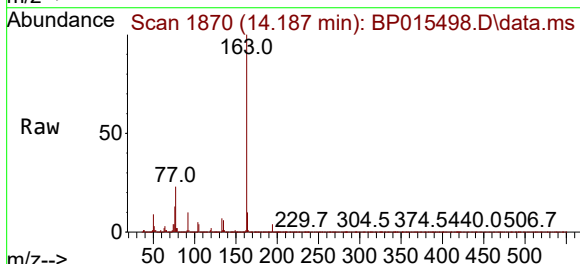
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

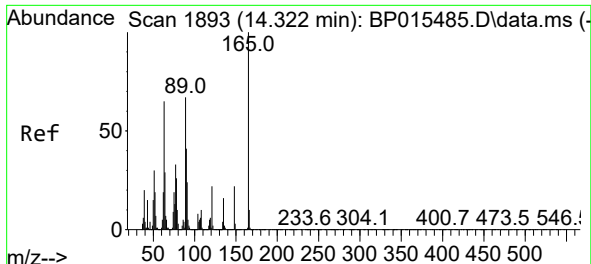
Tgt Ion: 65 Resp: 213756
Ion Ratio Lower Upper
65 100
92 64.7 55.4 83.2
138 92.0 78.8 118.2



#47
Dimethylphthalate
Concen: 23.337 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:163 Resp: 853745
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 8.2 12.2

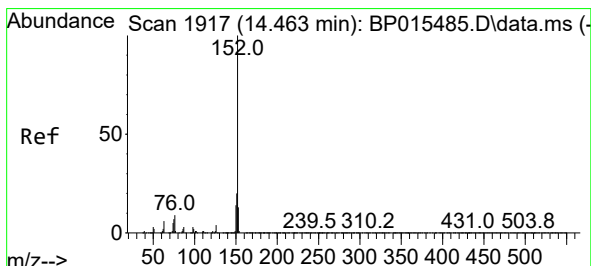
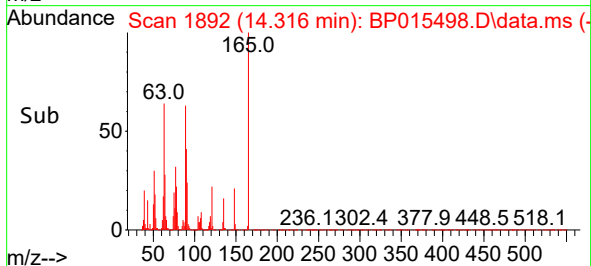
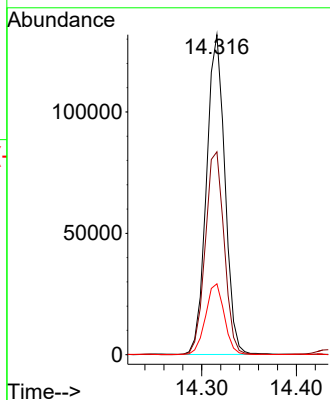
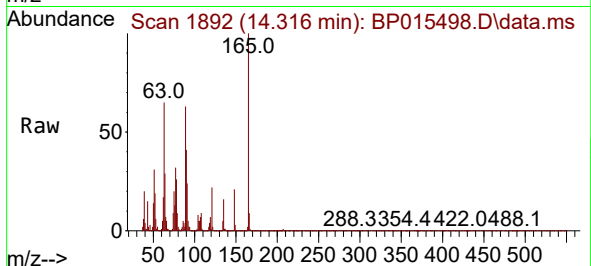




#48
2,6-Dinitrotoluene
Concen: 23.729 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

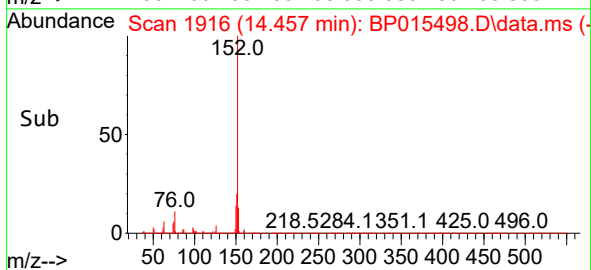
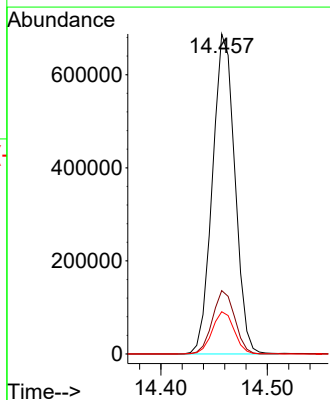
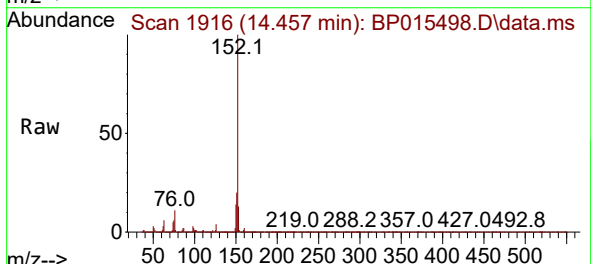
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

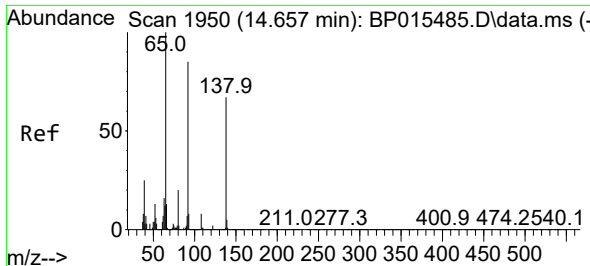
Tgt Ion:165 Resp: 177852
Ion Ratio Lower Upper
165 100
89 63.4 51.5 77.3
121 22.1 17.3 25.9



#50
Acenaphthylene
Concen: 23.359 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:152 Resp: 1002224
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.2 10.6 15.8

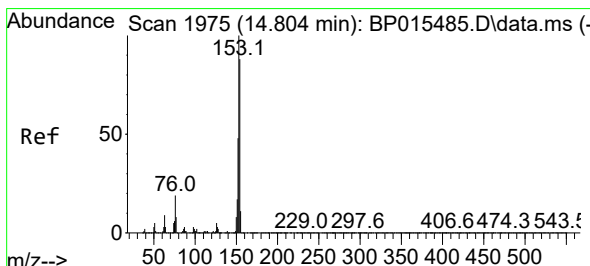
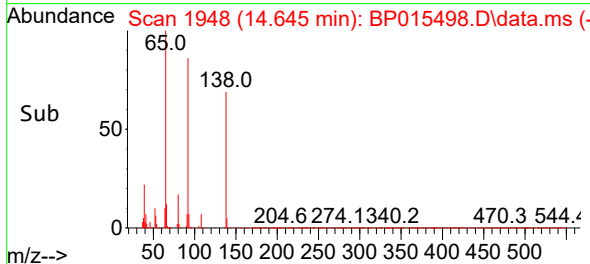
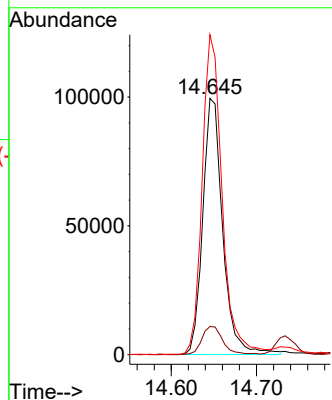
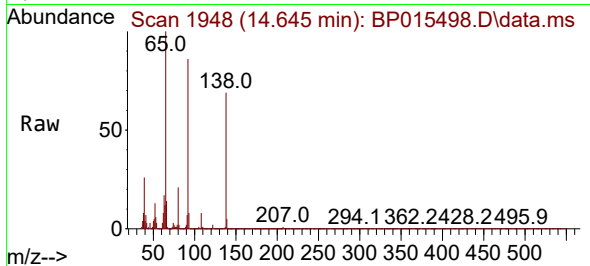




#51
3-Nitroaniline
Concen: 26.134 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

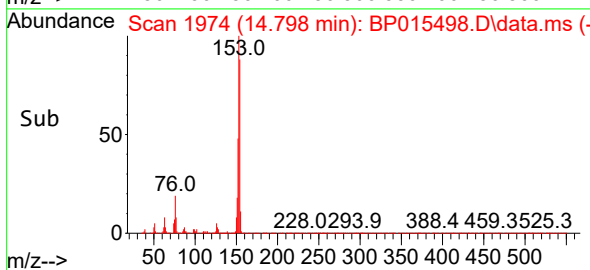
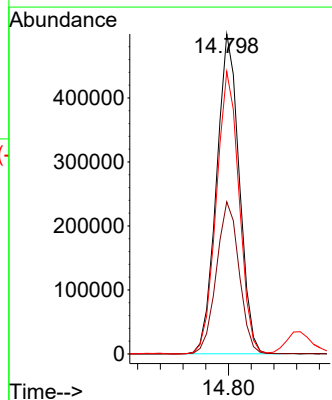
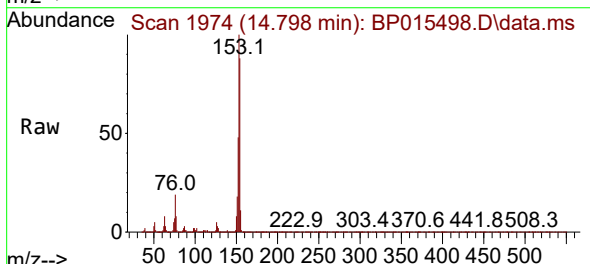
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

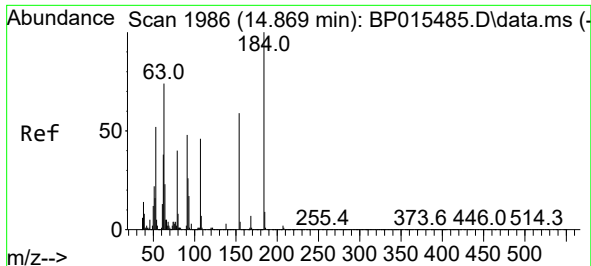
Tgt Ion:138 Resp: 161702
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 124.8 98.0 147.0



#52
Acenaphthene
Concen: 23.443 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:153 Resp: 695268
Ion Ratio Lower Upper
153 100
152 47.6 38.3 57.5
154 88.3 69.8 104.6

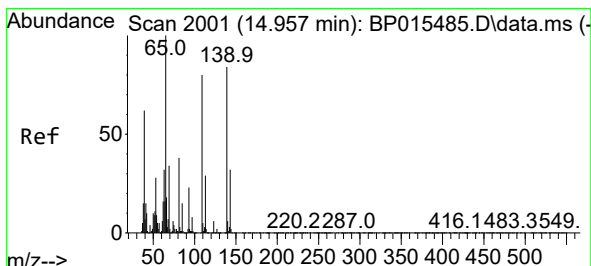
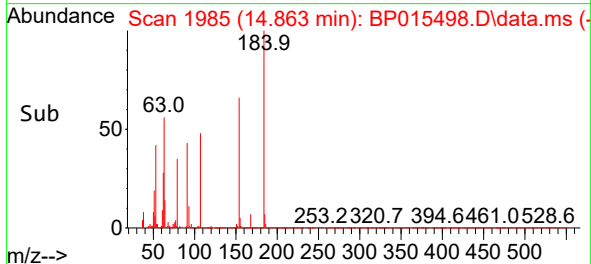
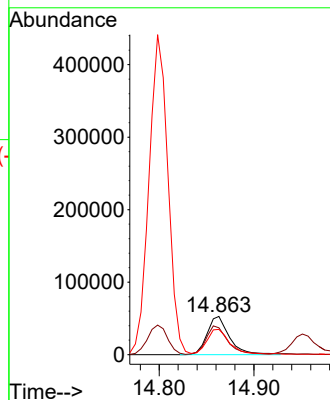
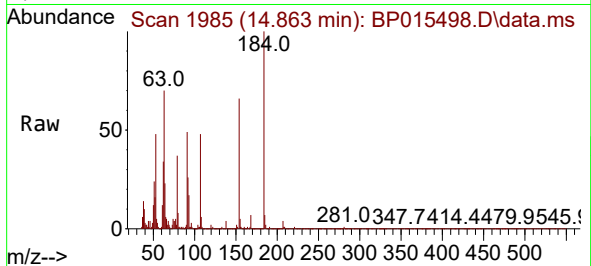




#53
2,4-Dinitrophenol
Concen: 19.194 ng/ul
RT: 14.863 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

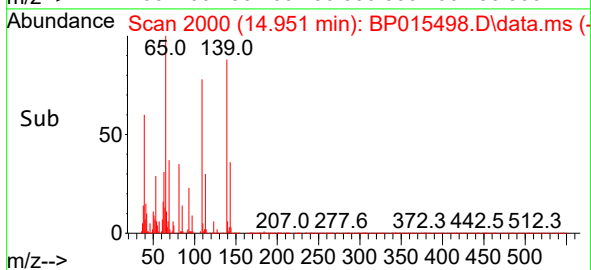
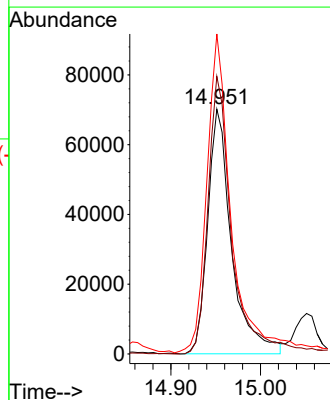
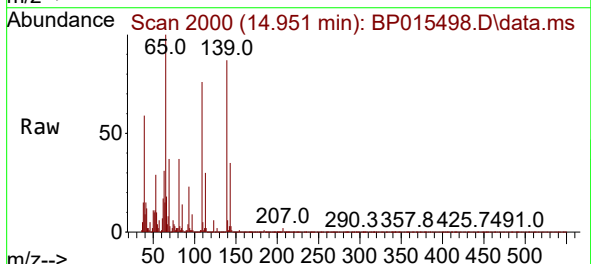
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

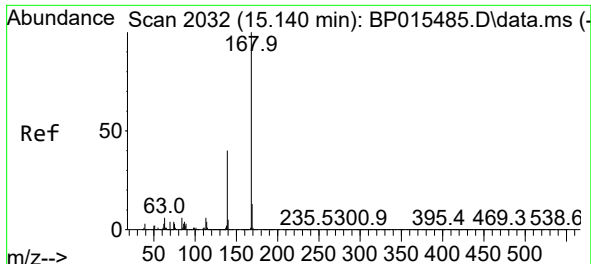
Tgt Ion:184 Resp: 86542
Ion Ratio Lower Upper
184 100
63 70.5 59.0 88.4
154 66.3 57.6 86.4



#55
4-Nitrophenol
Concen: 21.144 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:109 Resp: 129407
Ion Ratio Lower Upper
109 100
139 113.4 89.1 133.7
65 130.7 103.1 154.7

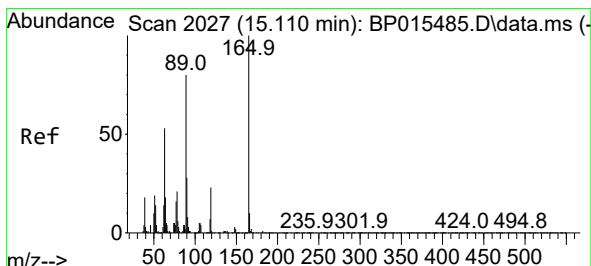
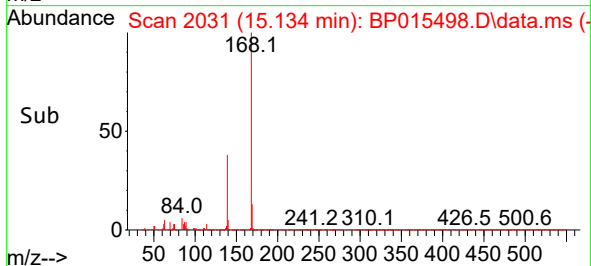
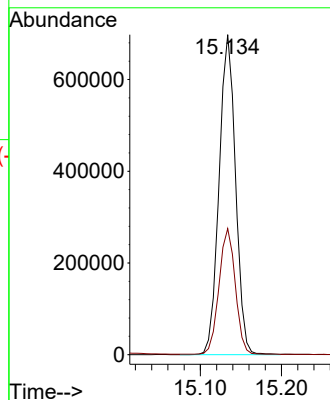
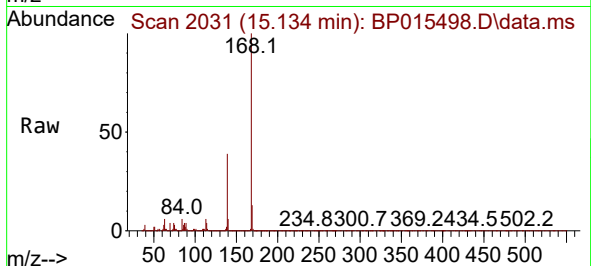




#56
Dibenzofuran
Concen: 23.434 ng/ul
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

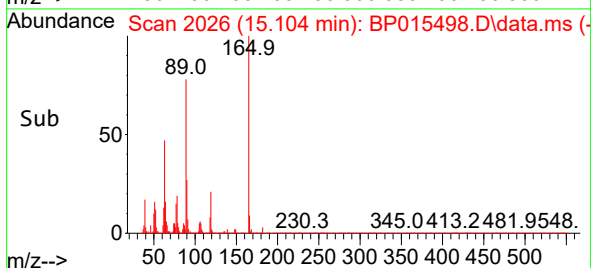
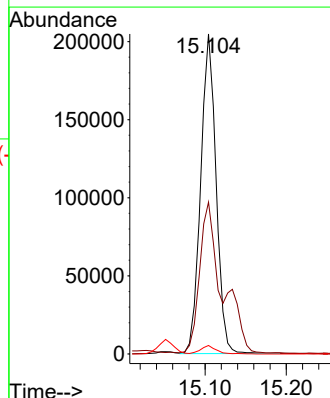
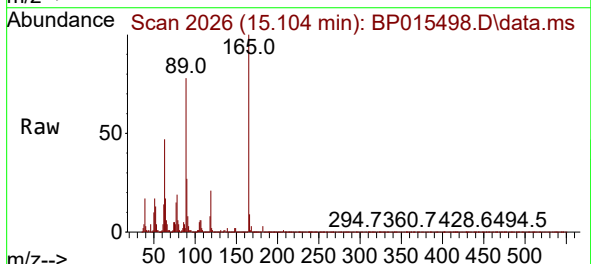
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

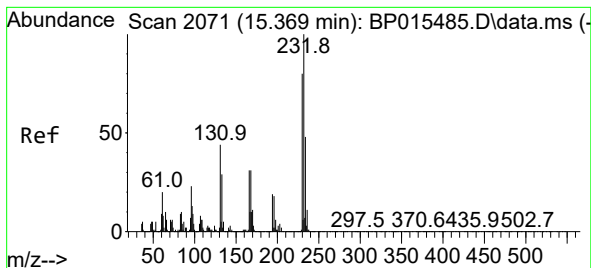
Tgt Ion:168 Resp: 985044
Ion Ratio Lower Upper
168 100
139 39.4 31.2 46.8



#57
2,4-Dinitrotoluene
Concen: 24.449 ng/ul
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:165 Resp: 269519
Ion Ratio Lower Upper
165 100
63 47.4 39.1 58.7
182 2.7 2.2 3.4

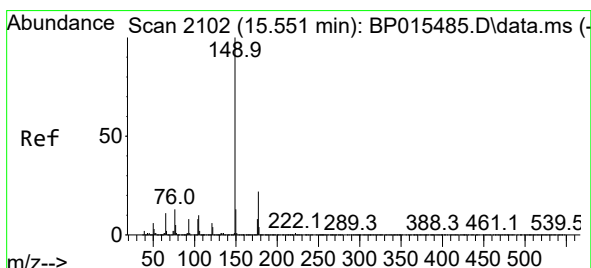
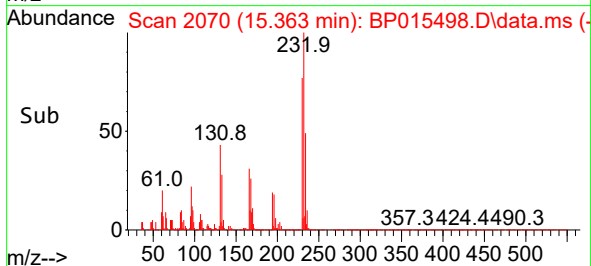
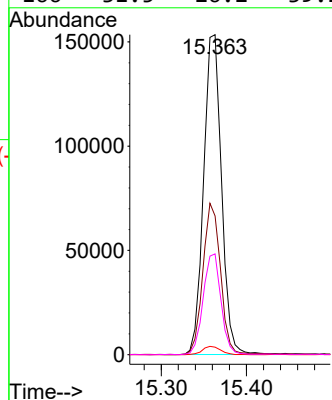
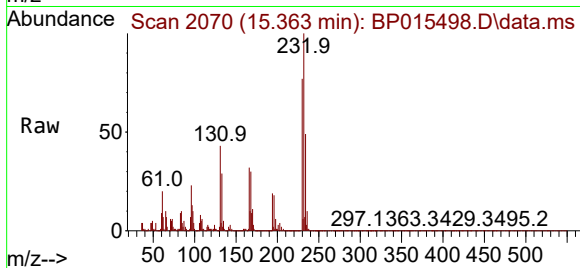




#58
2,3,4,6-Tetrachlorophenol
Concen: 24.411 ng/ul
RT: 15.363 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

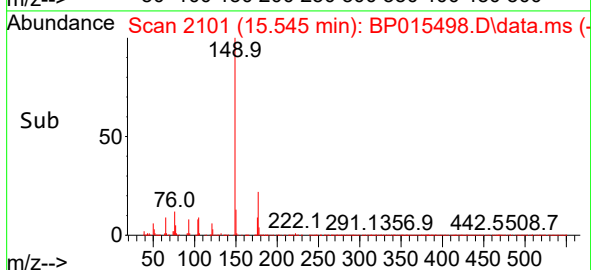
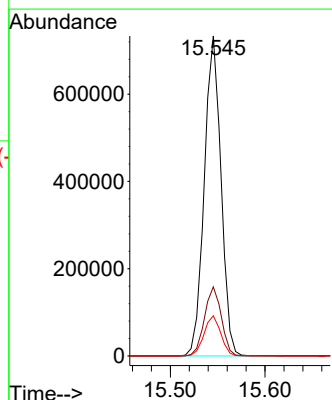
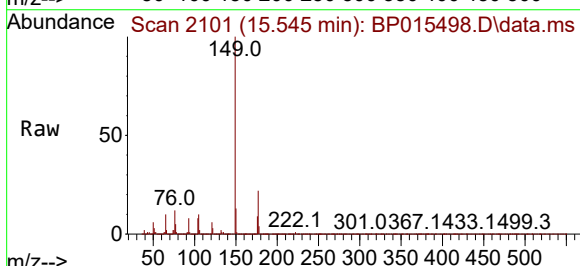
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

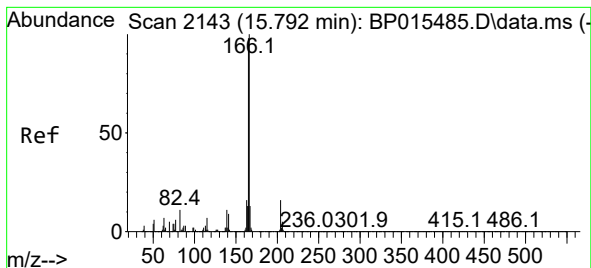
Tgt Ion:	232	Resp:	223670
Ion Ratio	Lower	Upper	
232	100		
131	43.4	37.8	56.8
130	2.4	1.9	2.9
166	31.5	26.2	39.2



#59
Diethylphthalate
Concen: 24.004 ng/ul
RT: 15.545 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:	149	Resp:	900014
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.8	26.8
150	12.6	10.1	15.1





#61

Fluorene

Concen: 23.601 ng/ul

RT: 15.787 min Scan# 2143

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

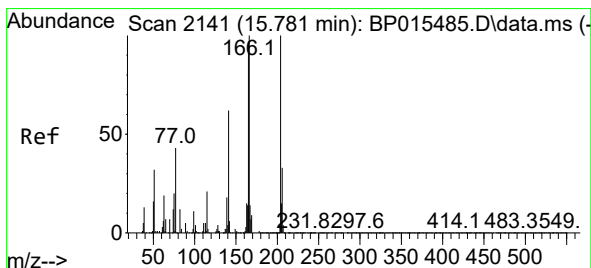
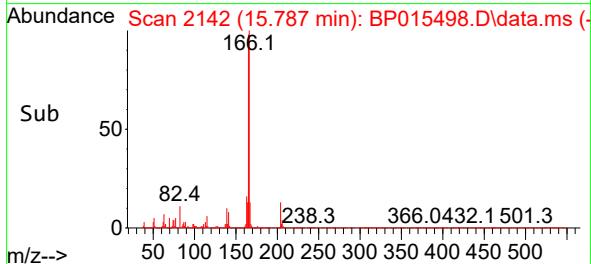
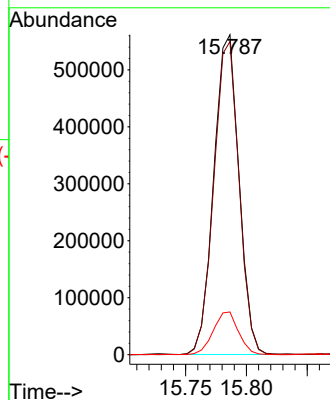
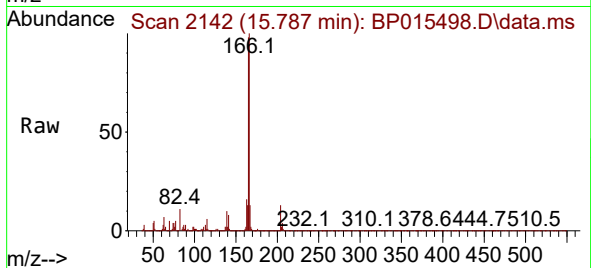
Tgt Ion:166 Resp: 808739

Ion Ratio Lower Upper

166 100

165 97.9 79.1 118.7

167 13.4 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 23.521 ng/ul

RT: 15.775 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

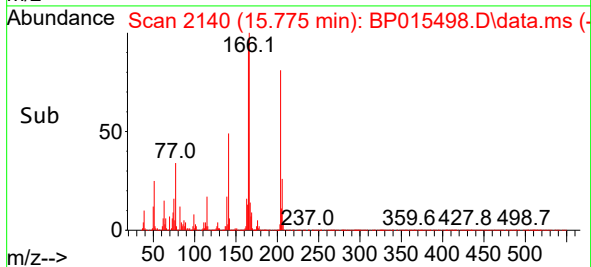
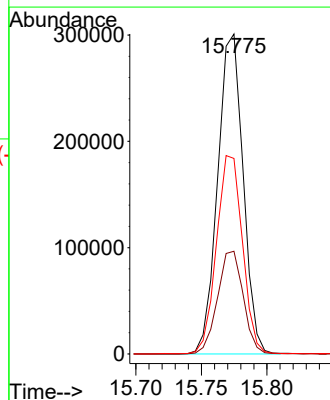
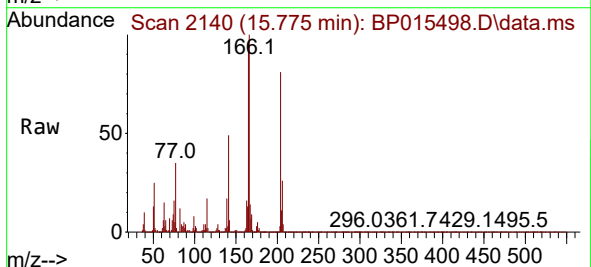
Tgt Ion:204 Resp: 406204

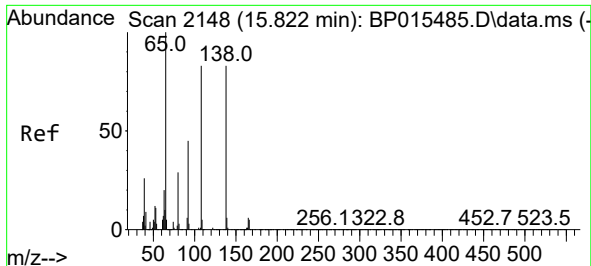
Ion Ratio Lower Upper

204 100

206 32.1 26.6 40.0

141 61.1 49.8 74.8

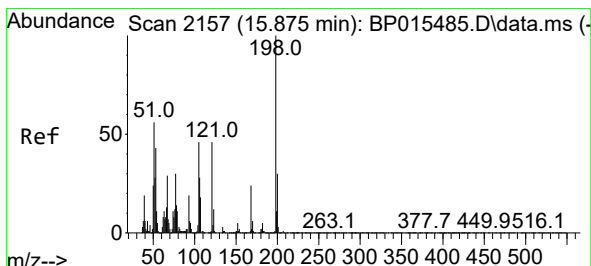
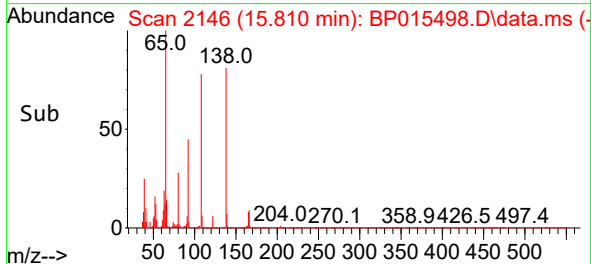
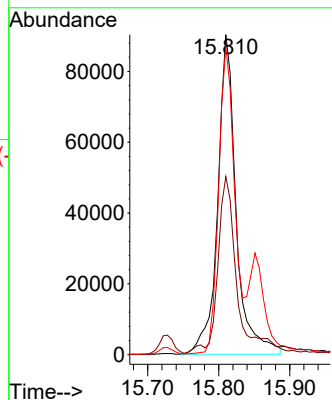
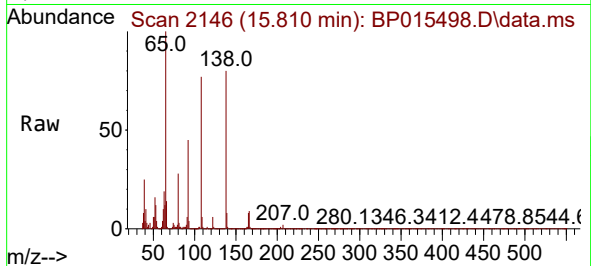




#63
4-Nitroaniline
Concen: 27.710 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

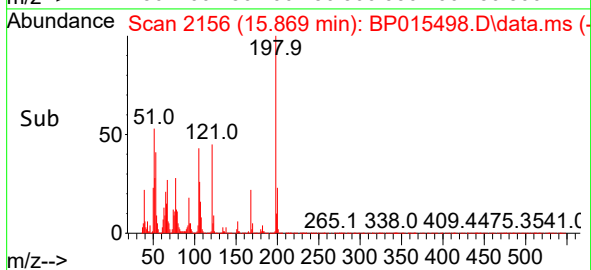
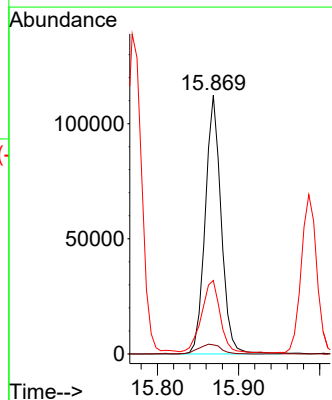
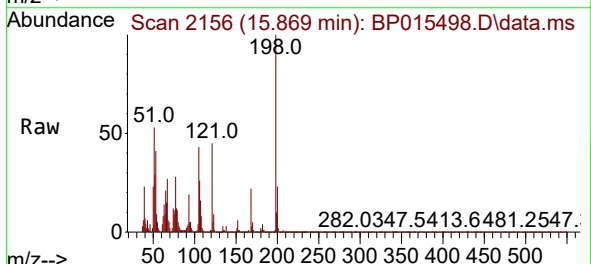
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

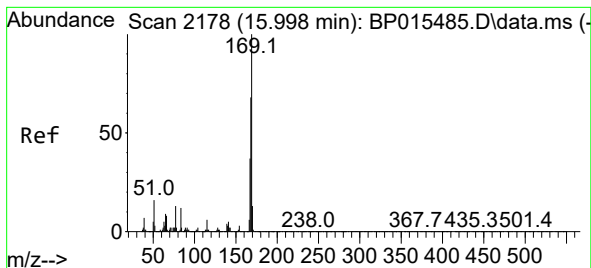
Tgt Ion:138 Resp: 162626
Ion Ratio Lower Upper
138 100
92 55.7 44.6 67.0
108 96.2 78.4 117.6



#66
4,6-Dinitro-2-methylphenol
Concen: 23.096 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:198 Resp: 152761
Ion Ratio Lower Upper
198 100
182 3.5 3.0 4.4
77 28.4 20.5 30.7





#67

N-Nitrosodiphenylamine

Concen: 24.203 ng/ul

RT: 15.987 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

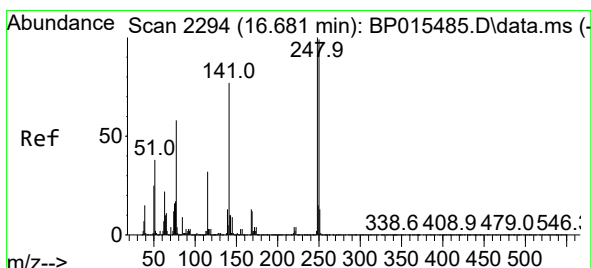
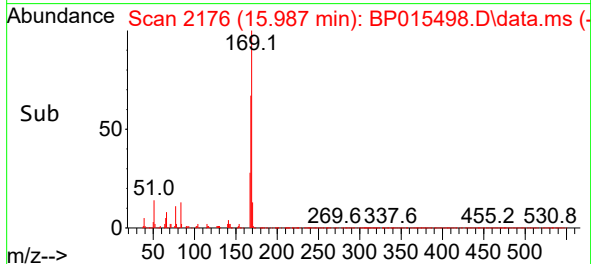
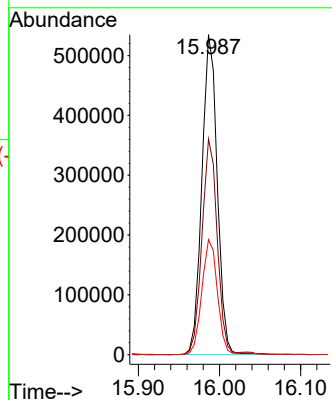
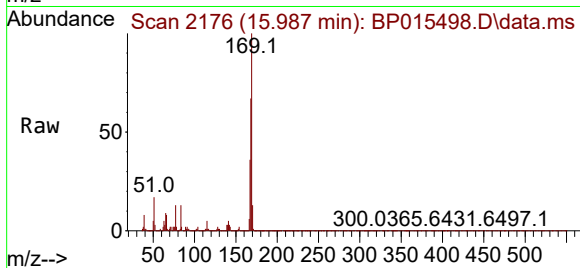
Tgt Ion:169 Resp: 702875

Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.4

167 36.0 28.9 43.3



#68

4-Bromophenyl-phenylether

Concen: 24.440 ng/ul

RT: 16.669 min Scan# 2292

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

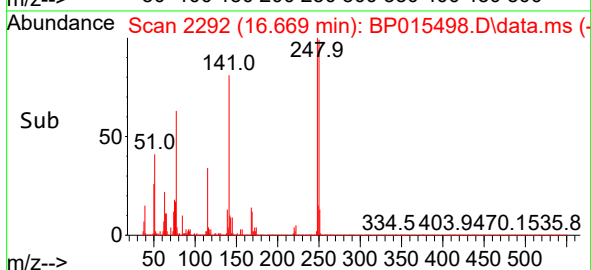
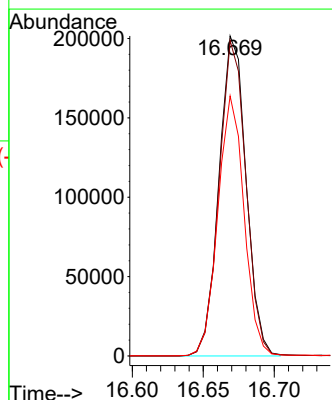
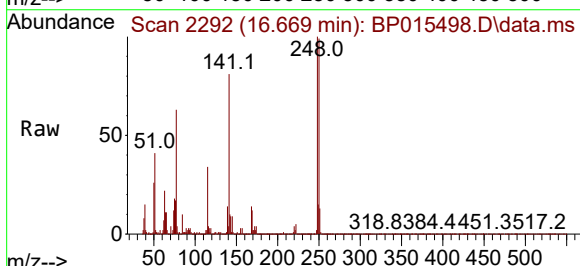
Tgt Ion:248 Resp: 267658

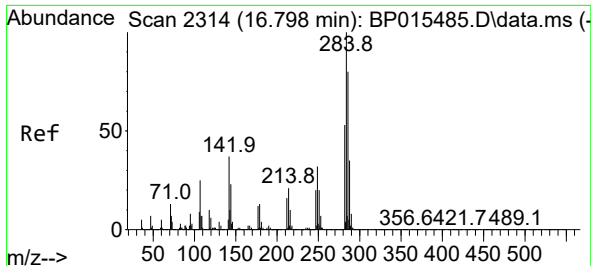
Ion Ratio Lower Upper

248 100

250 98.6 78.3 117.5

141 81.2 61.1 91.7

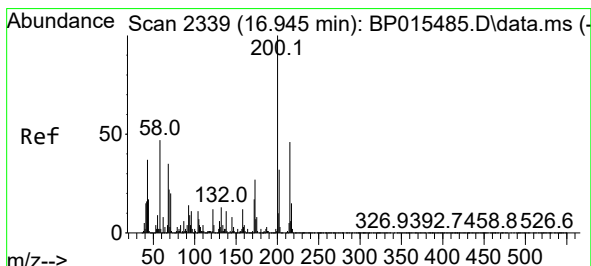
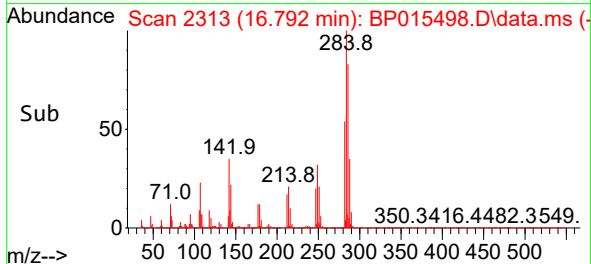
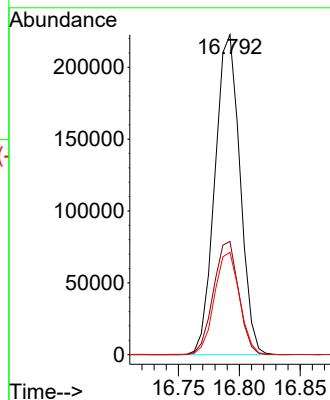
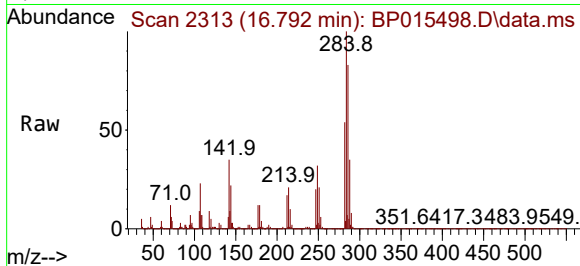




#69
Hexachlorobenzene
Concen: 24.696 ng/ul
RT: 16.792 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

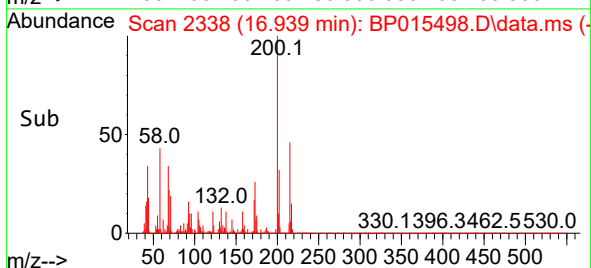
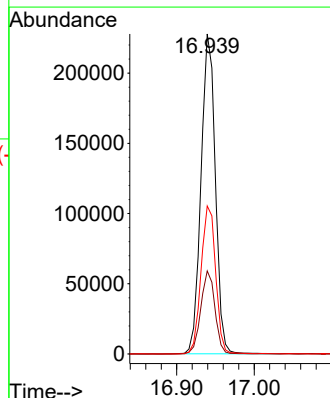
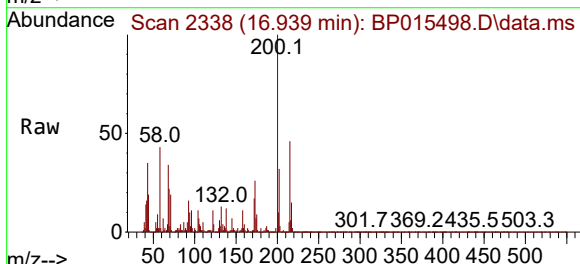
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

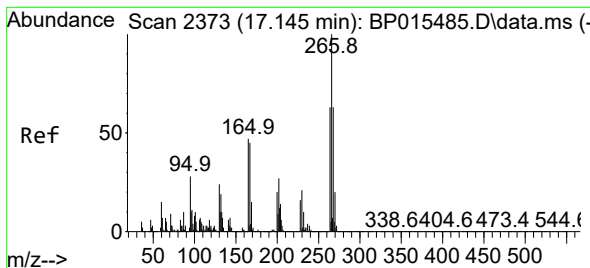
Tgt Ion:284 Resp: 319027
Ion Ratio Lower Upper
284 100
142 35.4 25.4 38.2
249 32.0 24.8 37.2



#70
Atrazine
Concen: 25.240 ng/ul
RT: 16.939 min Scan# 2338
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:200 Resp: 292712
Ion Ratio Lower Upper
200 100
173 26.0 19.8 29.6
215 46.2 37.4 56.0





#71

Pentachlorophenol

Concen: 24.570 ng/ul

RT: 17.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

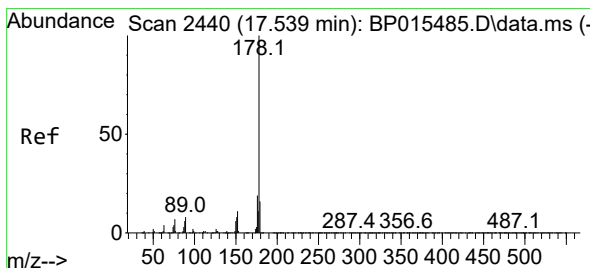
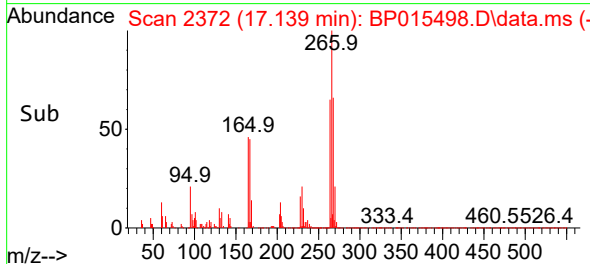
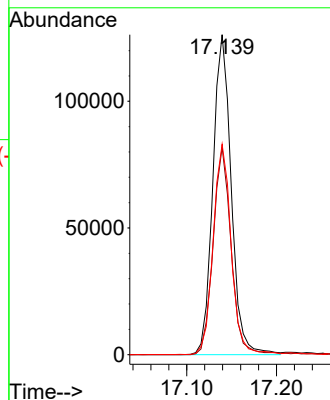
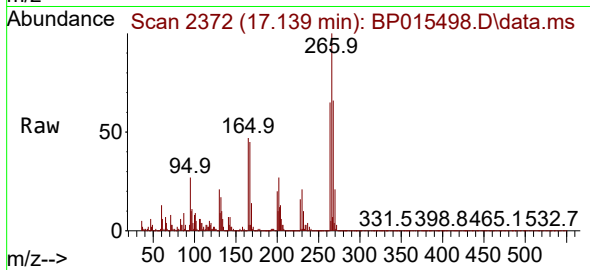
Tgt Ion:266 Resp: 179400

Ion Ratio Lower Upper

266 100

264 64.8 49.6 74.4

268 65.7 51.0 76.6



#72

Phenanthrene

Concen: 25.431 ng/ul

RT: 17.533 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

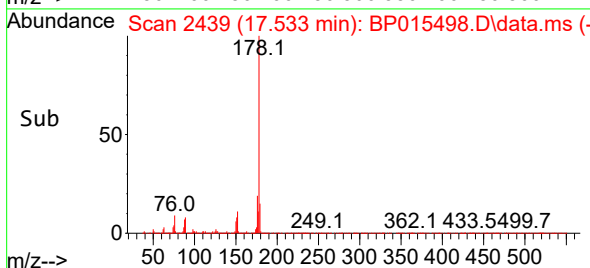
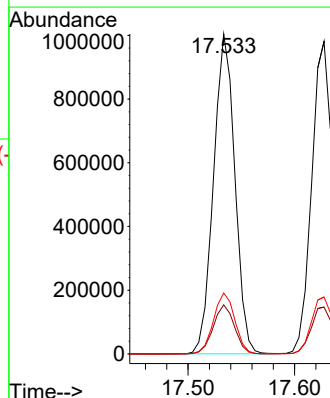
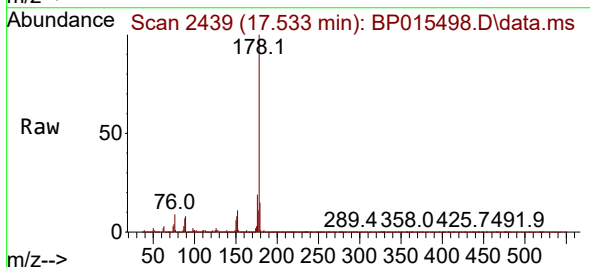
Tgt Ion:178 Resp: 1397031

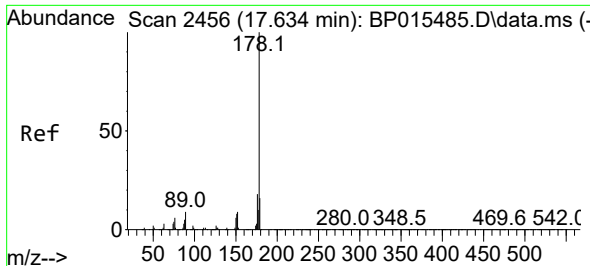
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.0 15.4 23.0

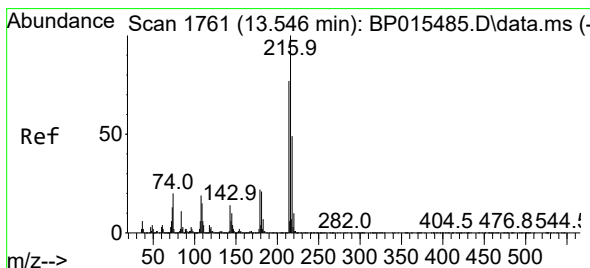
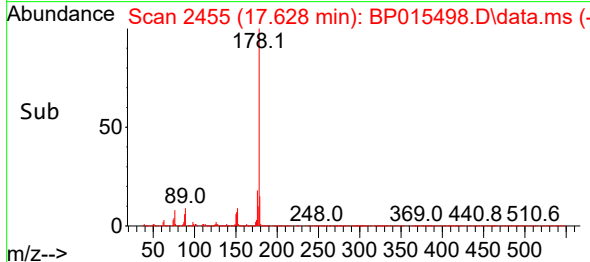
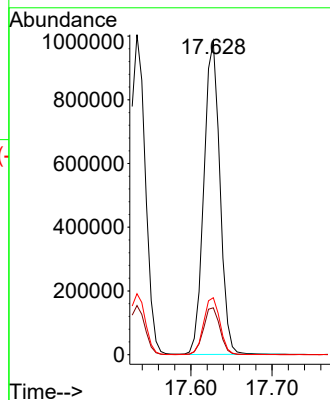
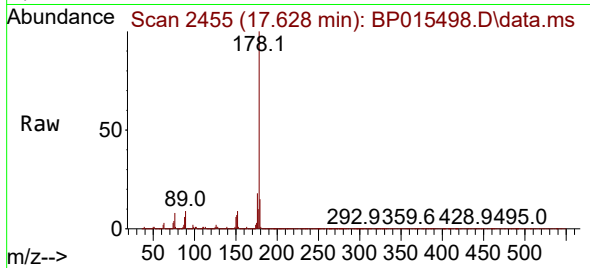




#74
 Anthracene
 Concen: 24.130 ng/uI
 RT: 17.628 min Scan# 2456
 Delta R.T. -0.000 min
 Lab File: BP015498.D
 Acq: 13 Jun 2023 16:09

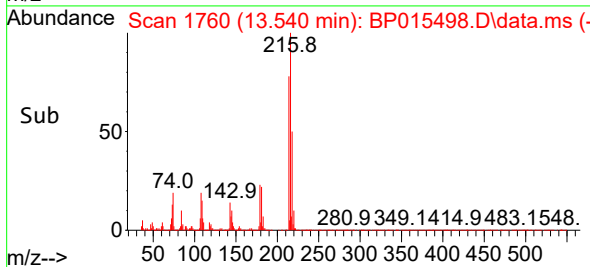
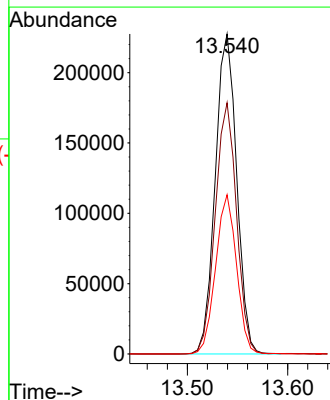
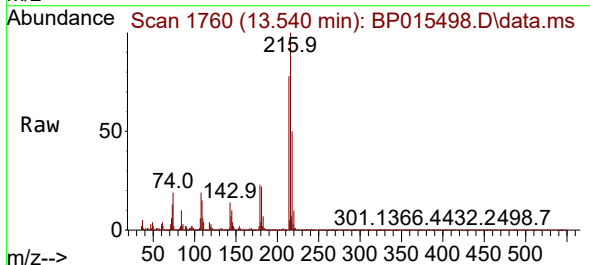
Instrument :
 BNA_P
 ClientSampleId :
 ESQY0MSD

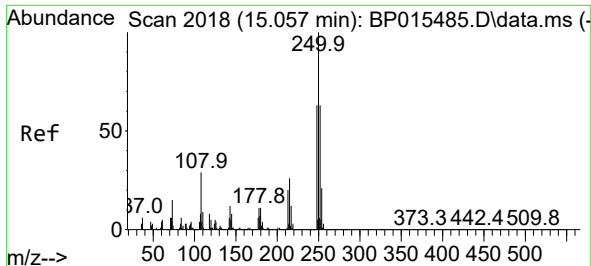
Tgt Ion:178 Resp: 1344943
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.4 18.6
 176 18.2 15.0 22.4



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 23.858 ng/uL
 RT: 13.540 min Scan# 1760
 Delta R.T. -0.000 min
 Lab File: BP015498.D
 Acq: 13 Jun 2023 16:09

Tgt Ion:216 Resp: 337068
 Ion Ratio Lower Upper
 216 100
 214 78.5 62.1 93.1
 218 49.7 39.0 58.4

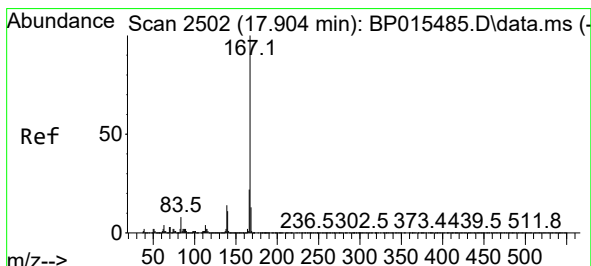
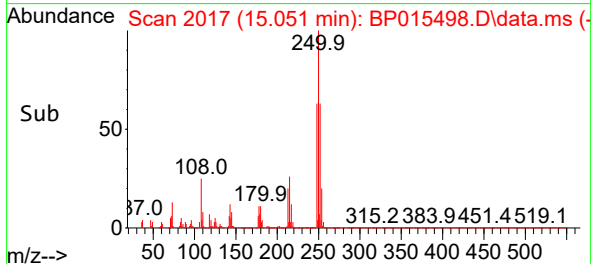
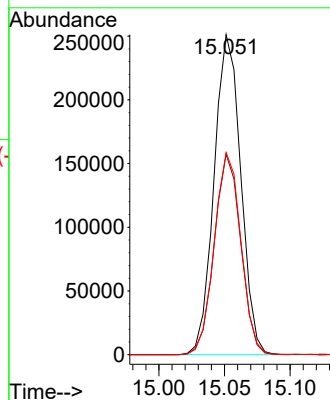
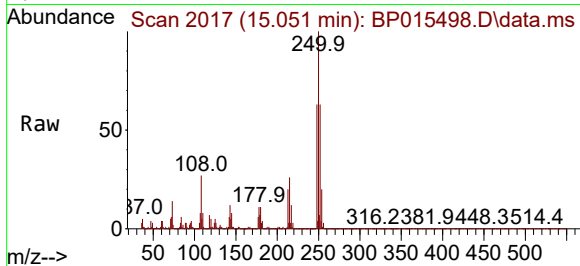




#76
 Pentachlorobenzene
 Concen: 24.016 ng/uL
 RT: 15.051 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BP015498.D
 Acq: 13 Jun 2023 16:09

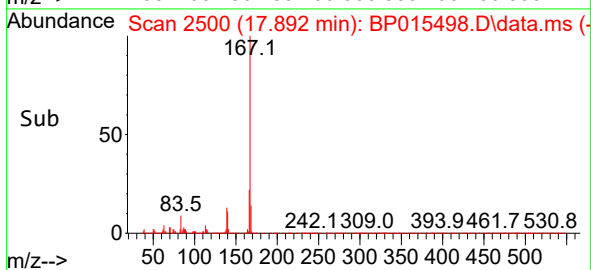
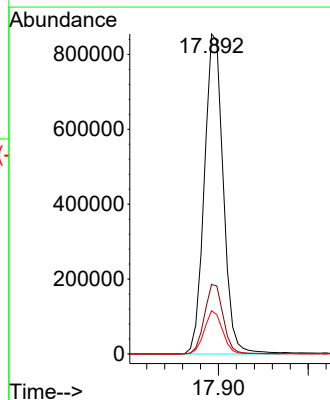
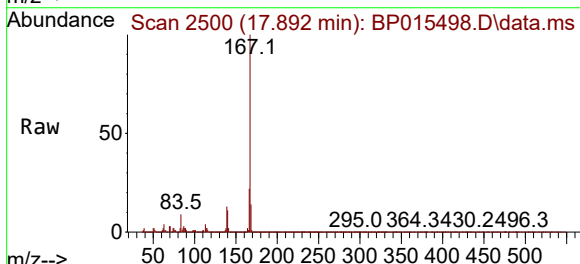
Instrument :
 BNA_P
 ClientSampleId :
 ESQY0MSD

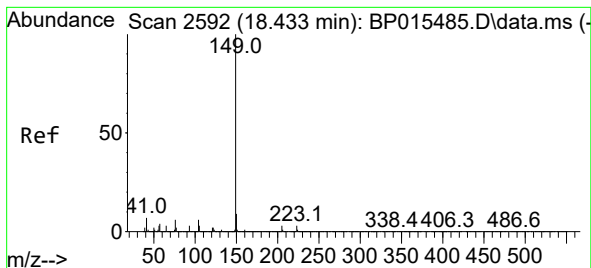
Tgt Ion:250 Resp: 355251
 Ion Ratio Lower Upper
 250 100
 248 62.7 49.0 73.4
 252 63.2 49.9 74.9



#77
 Carbazole
 Concen: 24.908 ng/uL
 RT: 17.892 min Scan# 2500
 Delta R.T. -0.006 min
 Lab File: BP015498.D
 Acq: 13 Jun 2023 16:09

Tgt Ion:167 Resp: 1250089
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.5 10.6 16.0





#78

Di-n-butylphthalate

Concen: 27.038 ng/ul

RT: 18.422 min Scan# 2592

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

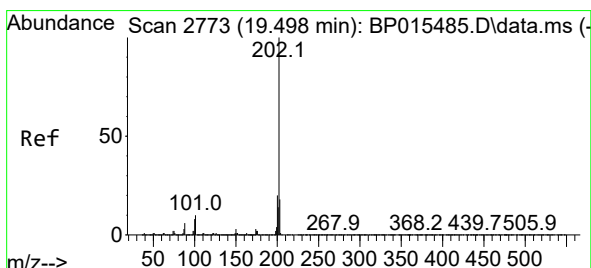
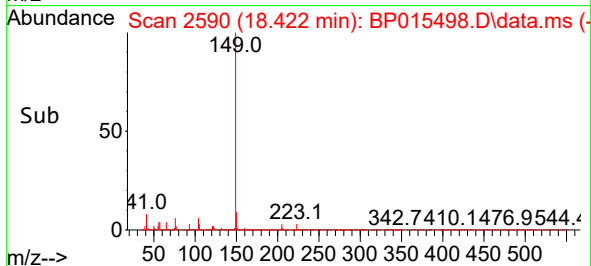
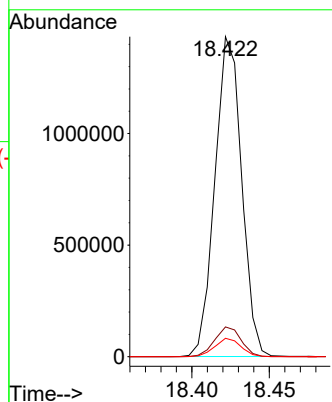
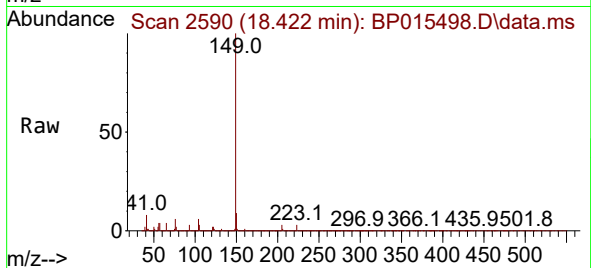
Tgt Ion:149 Resp: 1721713

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.8 4.5 6.7



#80

Fluoranthene

Concen: 29.368 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

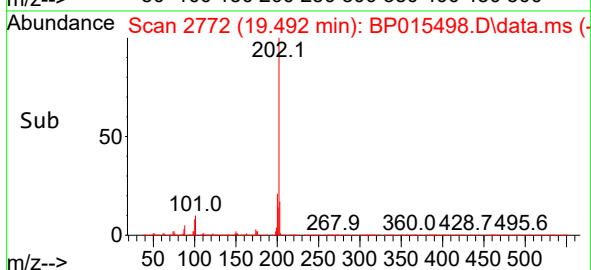
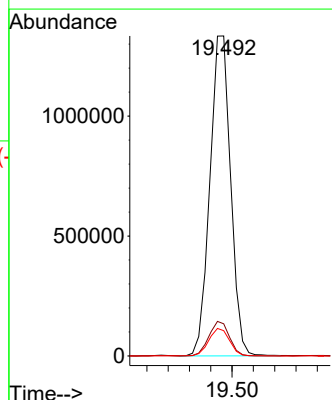
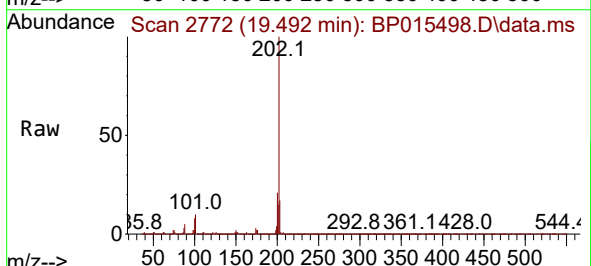
Tgt Ion:202 Resp: 1808365

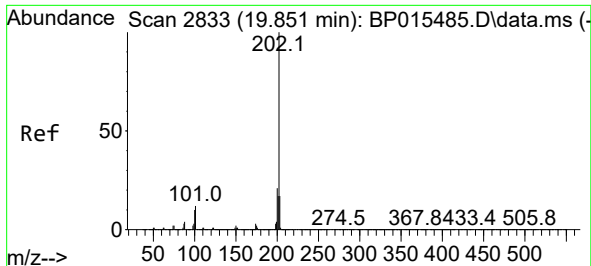
Ion Ratio Lower Upper

202 100

101 10.0 8.6 13.0

100 7.9 6.6 9.8

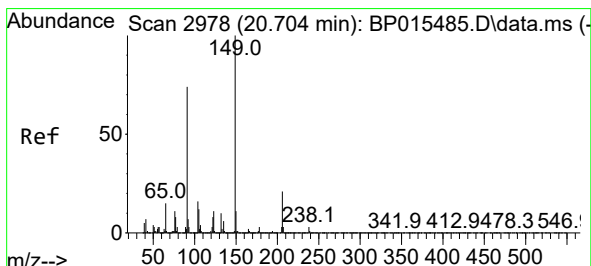
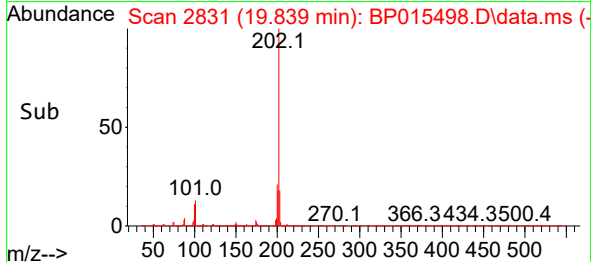
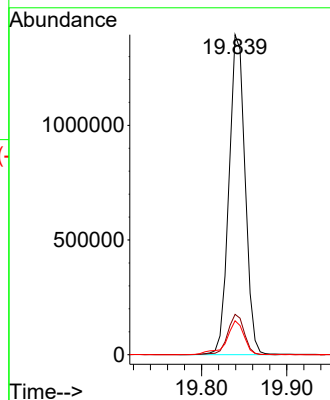
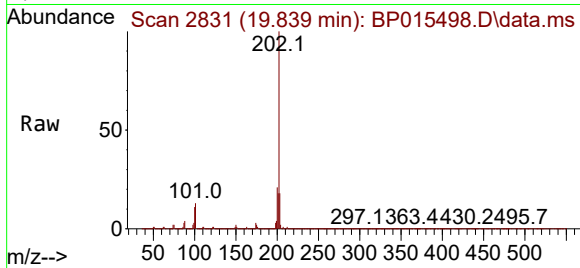




#82
Pyrene
Concen: 28.695 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

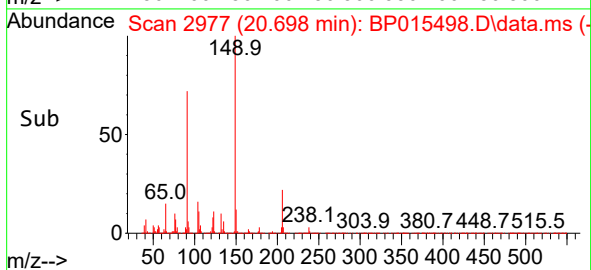
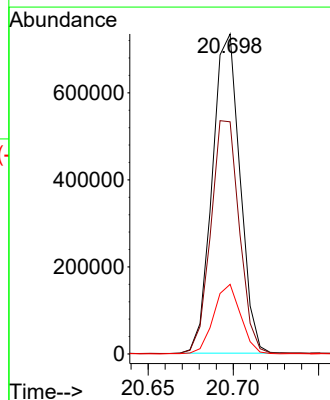
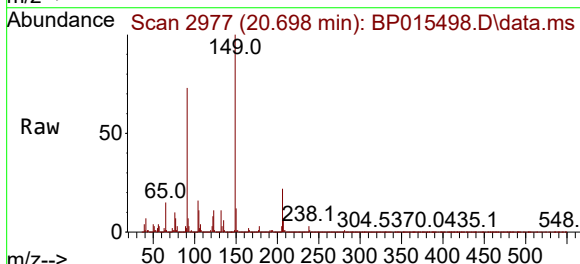
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

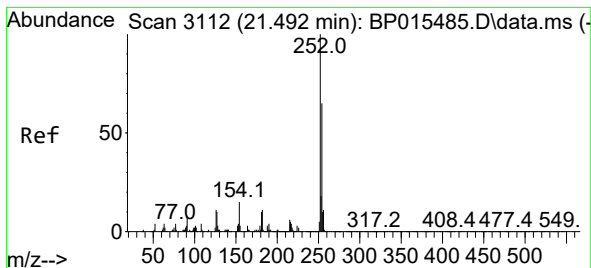
Tgt Ion:202 Resp: 1828046
Ion Ratio Lower Upper
202 100
101 12.6 9.9 14.9
100 10.6 8.4 12.6



#83
Butylbenzylphthalate
Concen: 29.473 ng/ul
RT: 20.698 min Scan# 2977
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:149 Resp: 829882
Ion Ratio Lower Upper
149 100
91 72.5 60.4 90.6
206 21.8 16.4 24.6





#84

3,3'-Dichlorobenzidine

Concen: 20.268 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

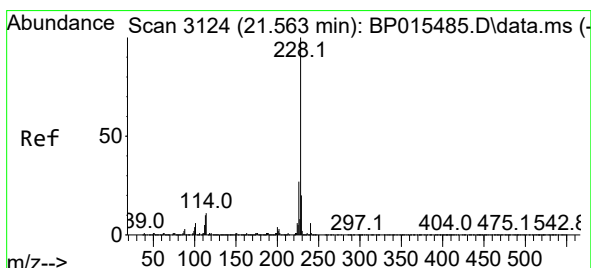
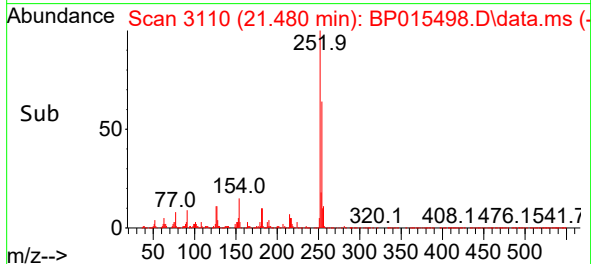
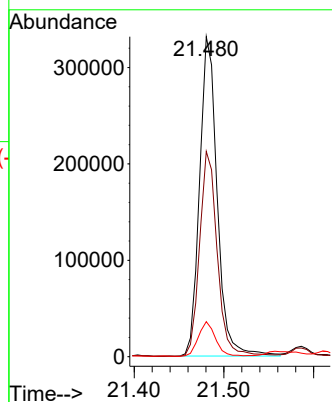
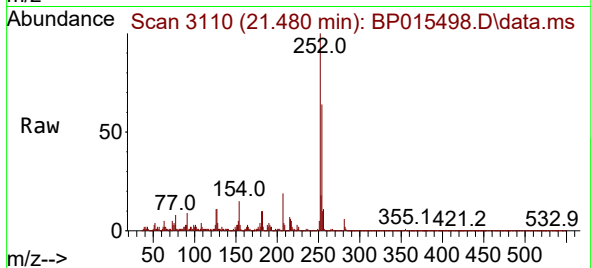
Tgt Ion:252 Resp: 452261

Ion Ratio Lower Upper

252 100

254 64.1 51.6 77.4

126 10.9 8.5 12.7



#85

Benzo(a)anthracene

Concen: 26.430 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

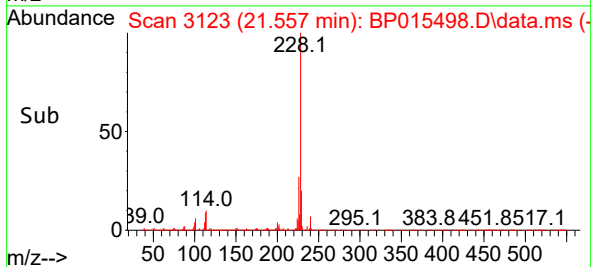
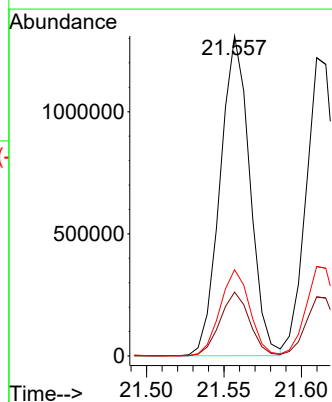
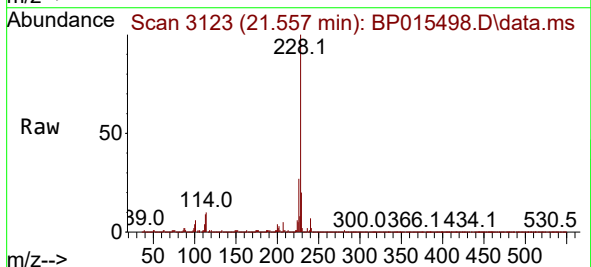
Tgt Ion:228 Resp: 1745123

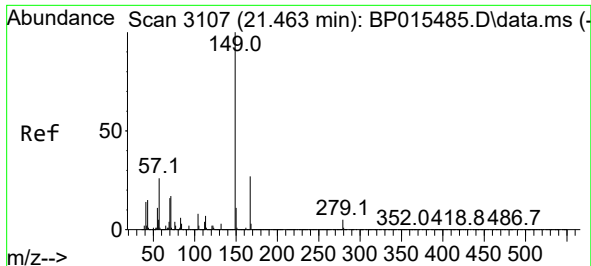
Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 26.9 21.8 32.6

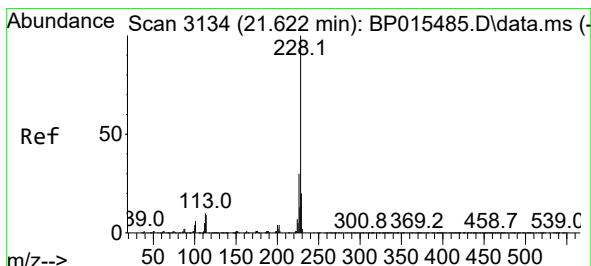
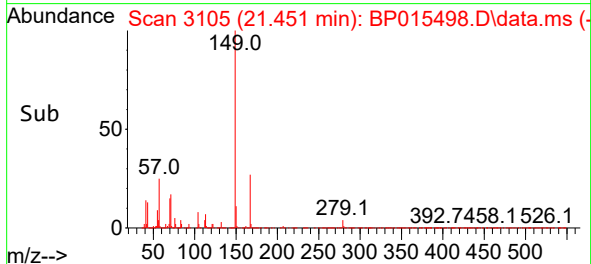
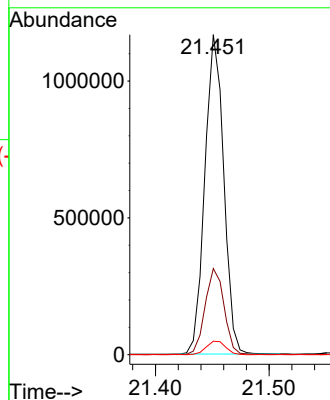
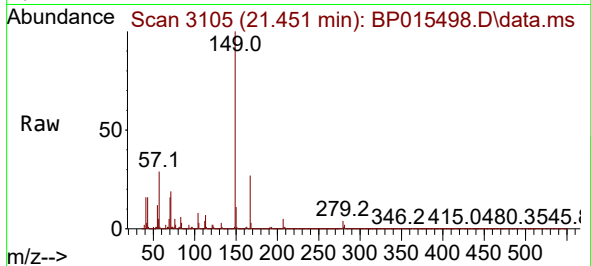




#86
Bis(2-ethylhexyl)phthalate
Concen: 32.325 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

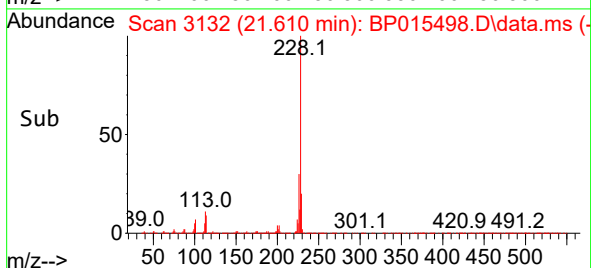
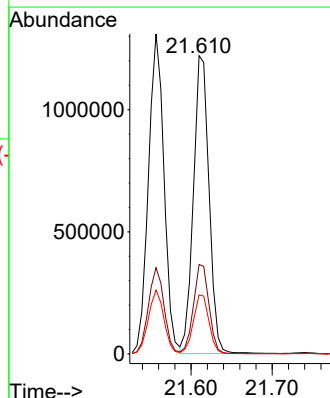
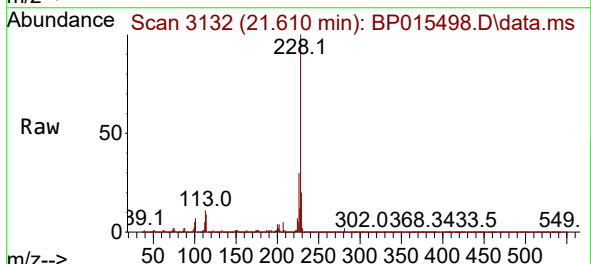
Instrument :
BNA_P
ClientSampleId :
ESQY0MSD

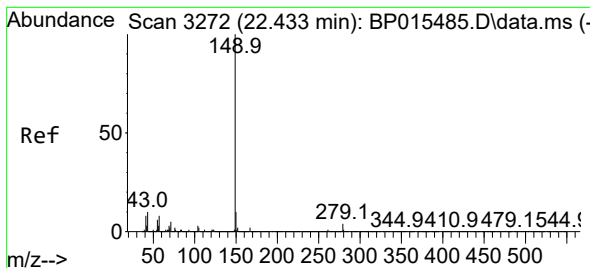
Tgt Ion:149 Resp: 1345311
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.2 3.7 5.5



#87
Chrysene
Concen: 26.277 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BP015498.D
Acq: 13 Jun 2023 16:09

Tgt Ion:228 Resp: 1639958
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.8 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 30.817 ng/ul

RT: 22.421 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

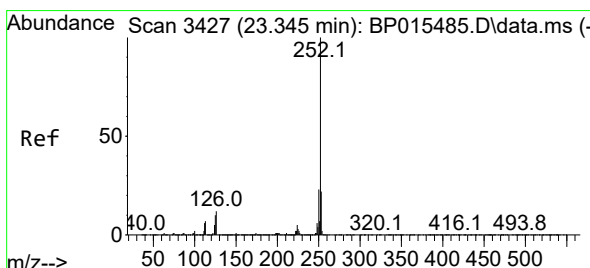
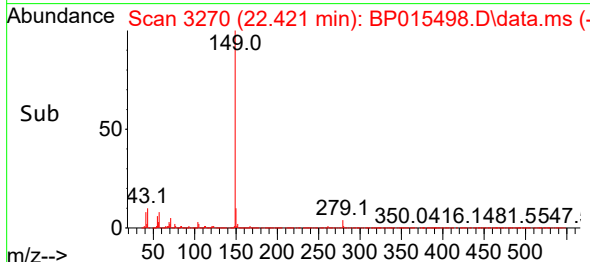
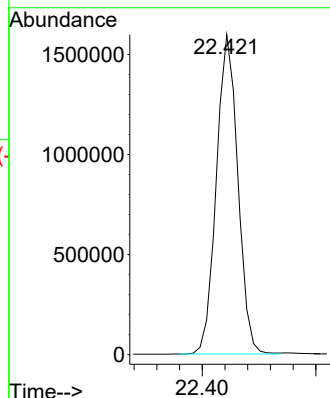
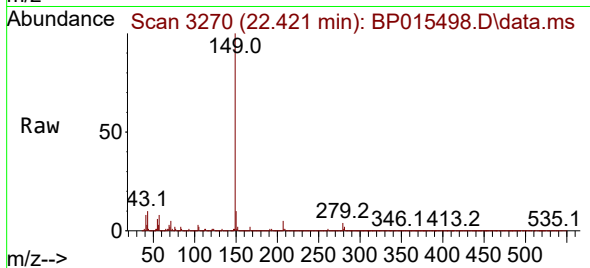
Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

Tgt Ion:149 Resp: 2096469



#90

Benzo(b)fluoranthene

Concen: 26.653 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

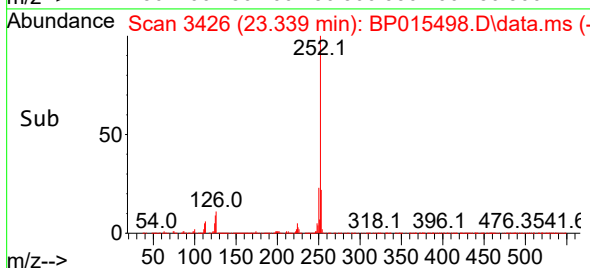
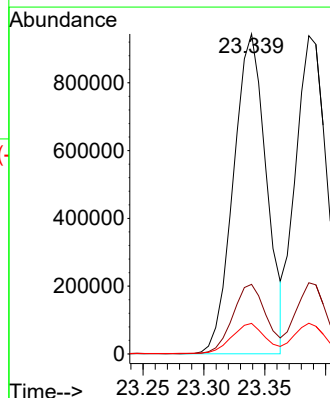
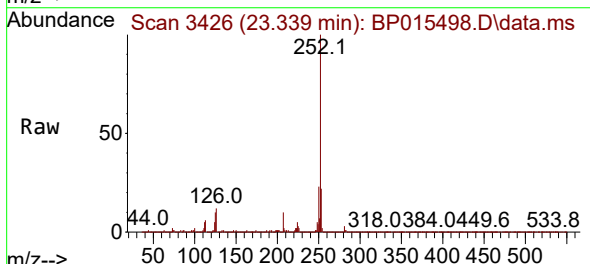
Tgt Ion:252 Resp: 1780843

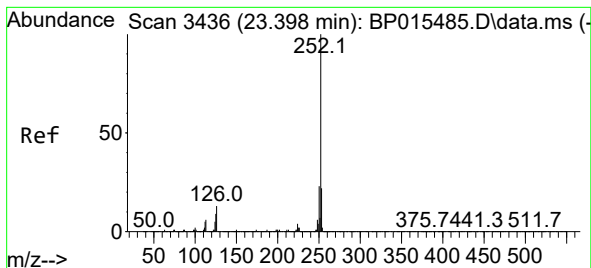
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.5 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 26.106 ng/ul

RT: 23.386 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

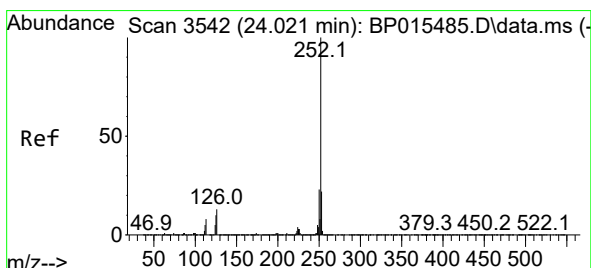
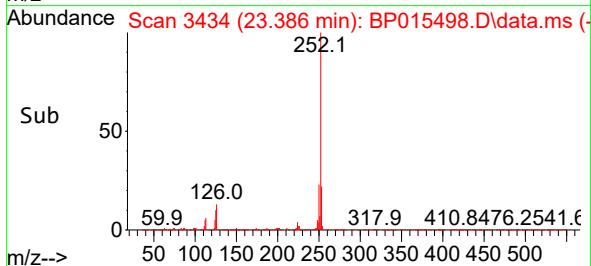
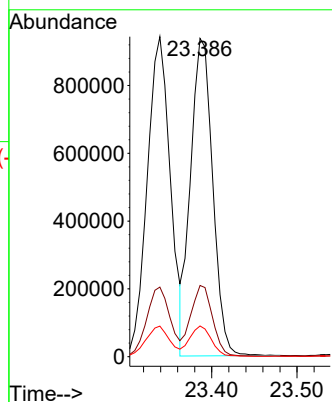
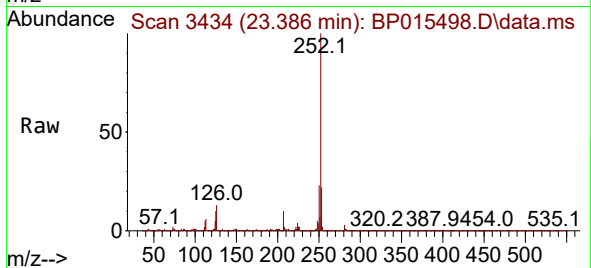
Tgt Ion:252 Resp: 1686139

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.6 7.3 10.9



#93

Benzo(a)pyrene

Concen: 25.218 ng/ul

RT: 24.010 min Scan# 3540

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

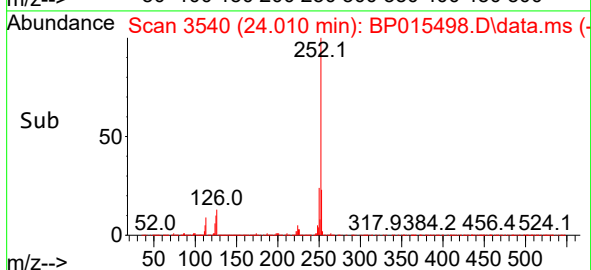
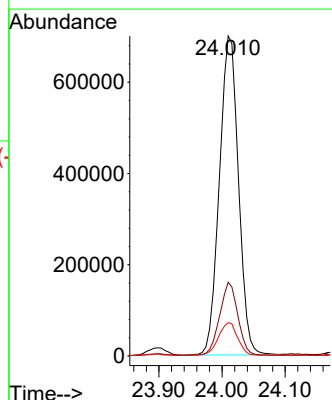
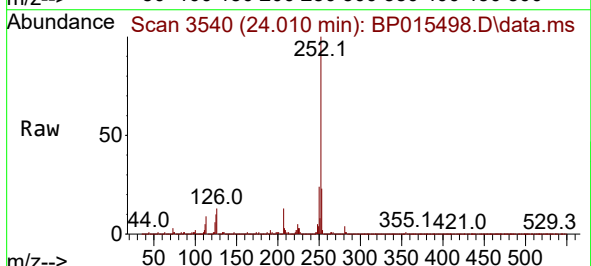
Tgt Ion:252 Resp: 1469038

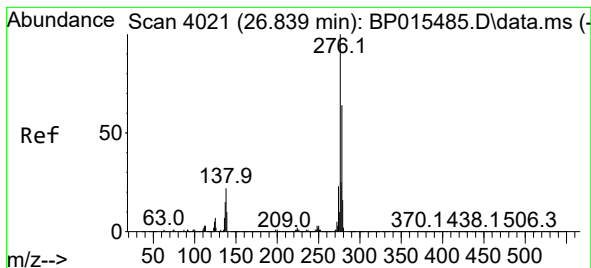
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 10.4 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 23.450 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. -0.006 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD

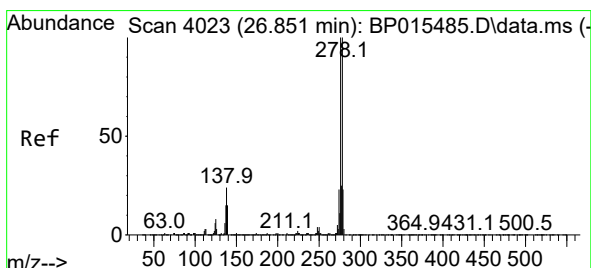
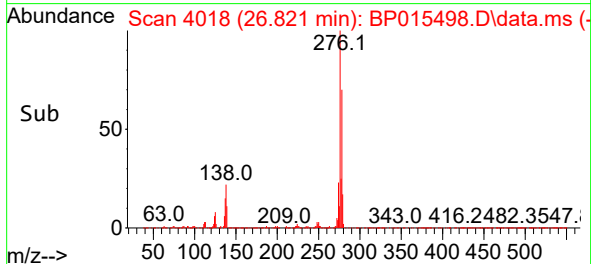
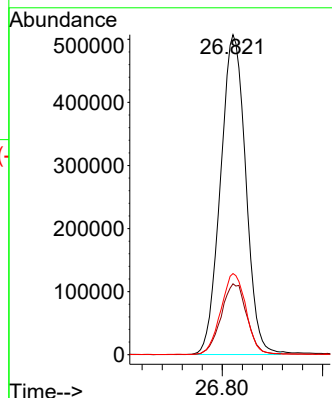
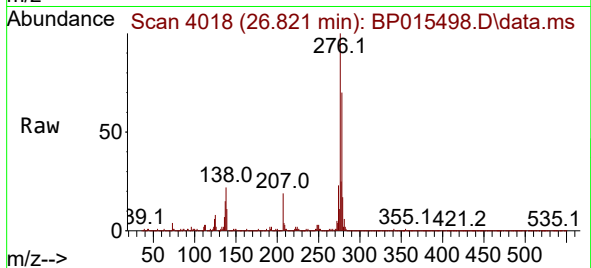
Tgt Ion:276 Resp: 1767951

Ion Ratio Lower Upper

276 100

138 22.2 17.3 25.9

277 25.4 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 23.621 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.000 min

Lab File: BP015498.D

Acq: 13 Jun 2023 16:09

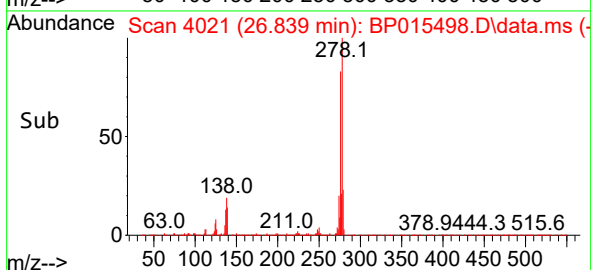
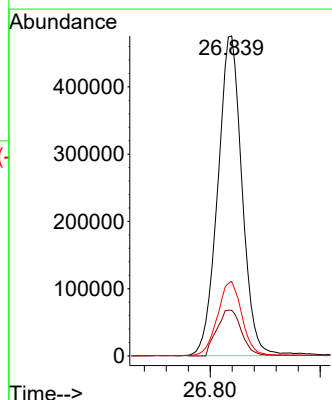
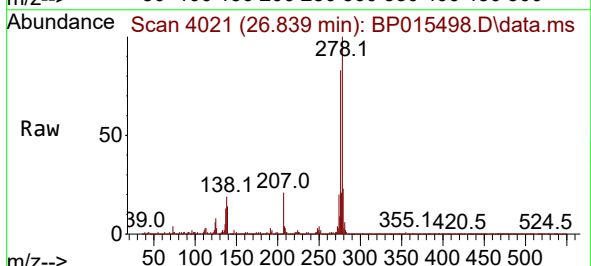
Tgt Ion:278 Resp: 1450811

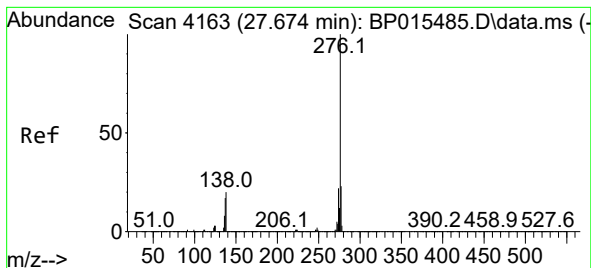
Ion Ratio Lower Upper

278 100

139 14.3 11.4 17.0

279 23.3 18.7 28.1





#96

Benzo(g,h,i)perylene

Concen: 18.238 ng/ul

RT: 27.651 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP015498.D

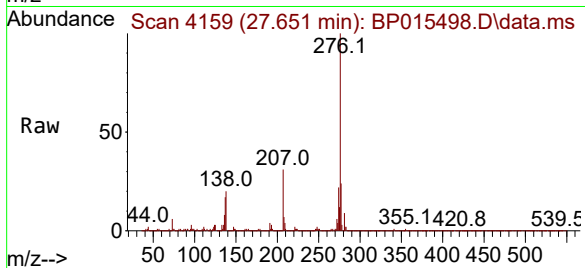
Acq: 13 Jun 2023 16:09

Instrument :

BNA_P

ClientSampleId :

ESQY0MSD



Tgt Ion:276 Resp: 1133149

Ion Ratio Lower Upper

276 100

138 19.6 15.6 23.4

277 24.3 19.0 28.6

