

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
 Data File : BP020020.D
 Acq On : 28 Mar 2024 21:39
 Operator : MA/JU
 Sample : P1856-03MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 28 23:10:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 14:08:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	98777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	415578	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	278338	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	589303	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	540784	20.000	ng/u1	-0.01
88) Perylene-d12	24.827	264	592985	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	8234	3.652	ng/uL	0.00
4) Pyridine-d5	3.646	84	28882	4.243	ng/u1	0.00
7) Phenol-d5	6.805	99	78572	9.432	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	250797	46.208	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	202918	33.917	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	145948	22.644	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	139369	43.754	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	151552	42.524	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	258842	39.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	27398	3.229	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	944842	48.416	ng/u1	0.01
49) Acenaphthylene-d8	13.928	160	1033649	45.342	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	27912	9.098	ng/u1	0.00
60) Fluorene-d10	15.263	176	791101	47.588	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	173234	49.110	ng/u1	-0.02
73) Anthracene-d10	17.175	188	1253296	48.045	ng/u1	0.00
81) Pyrene-d10	19.569	212	1509655	47.580	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1426558	50.076	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	17507	6.805	ng/uL#	1
5) Pyridine	3.664	79	103277	14.884	ng/u1	99
6) Benzaldehyde	6.787	77	233271	56.626	ng/u1	96
8) Phenol	6.828	94	85717	9.841	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.063	93	312045	44.239	ng/u1	98
12) 2-Chlorophenol	7.187	128	211788	33.590	ng/u1	98
13) 2-Methylphenol	8.046	108	170117	27.095	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	449535	46.348	ng/u1	99
16) Acetophenone	8.434	105	494194	47.535	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.410	70	275061	47.436	ng/u1	99
18) 4-Methylphenol	8.375	108	157700	23.336	ng/u1	97
19) Hexachloroethane	8.658	117	120632	41.192	ng/u1	94
22) Nitrobenzene	8.805	77	408286	45.000	ng/u1	100
23) Isophorone	9.322	82	770522	45.559	ng/u1	97
25) 2-Nitrophenol	9.499	139	155075	41.739	ng/u1	98
26) 2,4-Dimethylphenol	9.552	107	258053	31.818	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.799	93	439839	44.475	ng/u1	100
29) 2,4-Dichlorophenol	10.028	162	250045	39.270	ng/u1	99
30) Naphthalene	10.416	128	921269	43.212	ng/u1	100
32) 4-Chloroaniline	10.540	127	303016	36.389	ng/u1	99
33) Hexachlorobutadiene	10.681	225	210687	41.988	ng/u1	98
34) Caprolactam	11.357	113	14265	7.207	ng/u1	97
35) 4-Chloro-3-methylphenol	11.663	107	278592	39.387	ng/u1	99
36) 2-Methylnaphthalene	12.034	142	636912	44.868	ng/u1	99

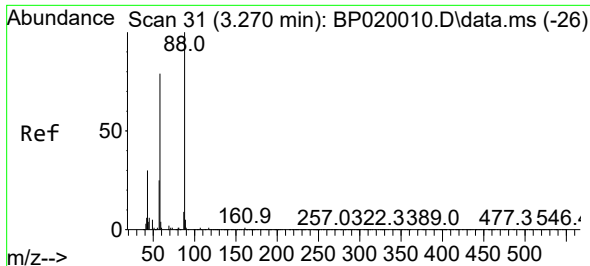
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.246	142	636364	44.824	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.404	216	386185	41.965	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	175396	33.682	ng/ul	98
41) 2,4,6-Trichlorophenol	12.651	196	243799	43.124	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	254924	43.597	ng/ul	98
43) 1,1'-Biphenyl	13.057	154	864915	42.909	ng/ul	100
44) 2-Chloronaphthalene	13.093	162	696976	42.878	ng/ul	98
45) 2-Nitroaniline	13.322	65	257849	50.358	ng/ul	97
47) Dimethylphthalate	13.710	163	937019	47.570	ng/ul	100
48) 2,6-Dinitrotoluene	13.834	165	194764	48.699	ng/ul	99
50) Acenaphthylene	13.963	152	1133146	44.448	ng/ul	99
51) 3-Nitroaniline	14.169	138	177738	48.258	ng/ul	91
52) Acenaphthene	14.310	153	750477	44.314	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	106521	46.801	ng/ul	100
55) 4-Nitrophenol	14.498	109	24974	8.871	ng/ul	94
56) Dibenzofuran	14.651	168	1055974	45.911	ng/ul	97
57) 2,4-Dinitrotoluene	14.640	165	288290	52.724	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.892	232	233053	46.476	ng/ul	99
59) Diethylphthalate	15.104	149	976729	50.003	ng/ul	98
61) Fluorene	15.322	166	879133	46.864	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	465689	46.347	ng/ul	97
63) 4-Nitroaniline	15.363	138	163673	52.033	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.422	198	176190	47.064	ng/ul	98
67) N-Nitrosodiphenylamine	15.557	169	755413	46.408	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	297567	46.526	ng/ul	97
69) Hexachlorobenzene	16.351	284	332220	46.779	ng/ul	99
70) Atrazine	16.539	200	300825	48.236	ng/ul	100
71) Pentachlorophenol	16.710	266	194860	46.806	ng/ul	99
72) Phenanthrene	17.122	178	1425988	46.802	ng/ul	100
74) Anthracene	17.210	178	1485213	48.008	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	390347	40.627	ng/uL	98
76) Pentachlorobenzene	14.557	250	382934	43.036	ng/uL	98
77) Carbazole	17.510	167	1305691	49.357	ng/ul	100
78) Di-n-butylphthalate	18.092	149	1653963	50.073	ng/ul	100
80) Fluoranthene	19.216	202	1782872	47.839	ng/ul	100
82) Pyrene	19.604	202	1813504	46.820	ng/ul	98
83) Butylbenzylphthalate	20.575	149	726727	46.205	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	484813	42.156	ng/ul	100
85) Benzo(a)anthracene	21.516	228	1820388	48.643	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1069049	46.517	ng/ul	98
87) Chrysene	21.586	228	1667813	47.935	ng/ul	98
89) Di-n-octyl phthalate	22.733	149	1782030	47.383	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1744157	50.168	ng/ul	100
91) Benzo(k)fluoranthene	23.857	252	1765160	49.962	ng/ul	99
93) Benzo(a)pyrene	24.680	252	1646121	48.950	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	1133433	26.759	ng/ul	99
95) Dibenzo(a,h)anthracene	28.639	278	80867	2.347	ng/ul	97
96) Benzo(g,h,i)perylene	29.715	276	985145	28.794	ng/ul	98

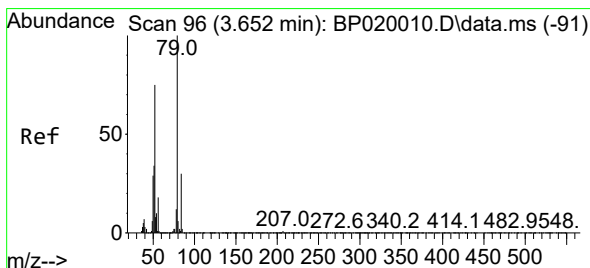
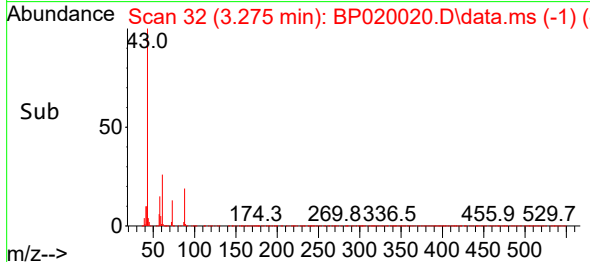
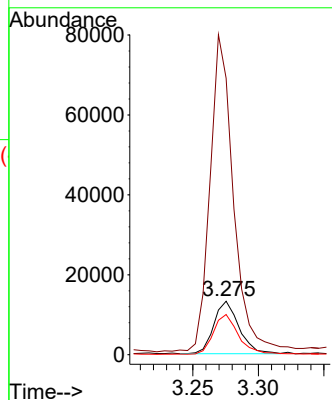
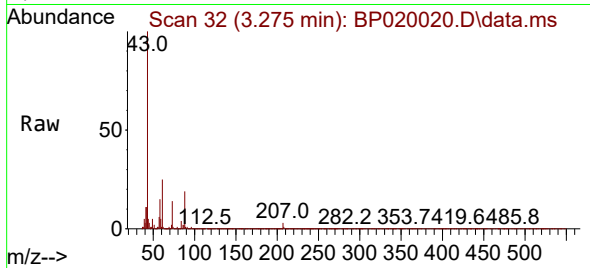
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#2
1,4-Dioxane
Concen: 6.805 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP020020.D
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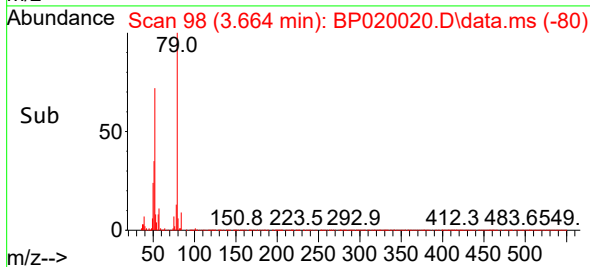
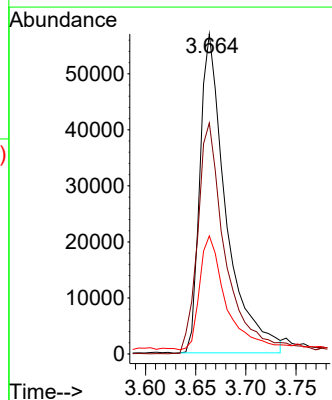
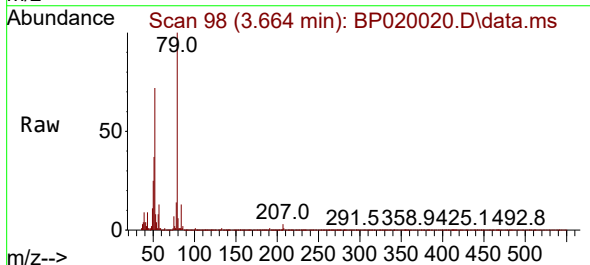
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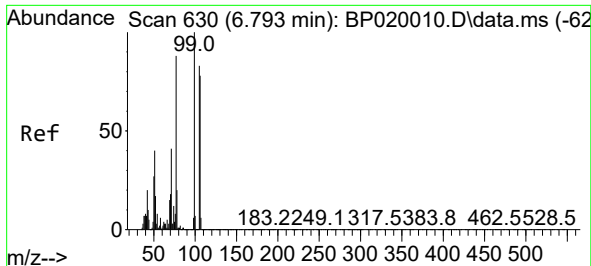
Tgt Ion: 88 Resp: 17507
Ion Ratio Lower Upper
88 100
43 516.7 23.3 34.9#
58 75.1 58.3 87.5



#5
Pyridine
Concen: 14.884 ng/uL
RT: 3.664 min Scan# 98
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion: 79 Resp: 103277
Ion Ratio Lower Upper
79 100
52 72.2 57.9 86.9
51 36.9 28.2 42.2

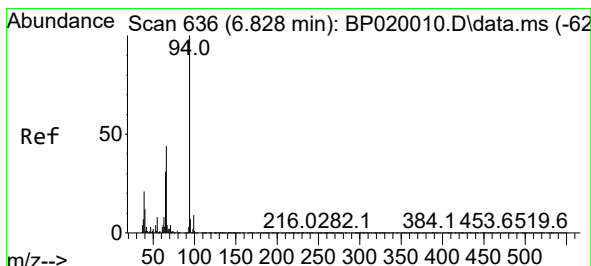
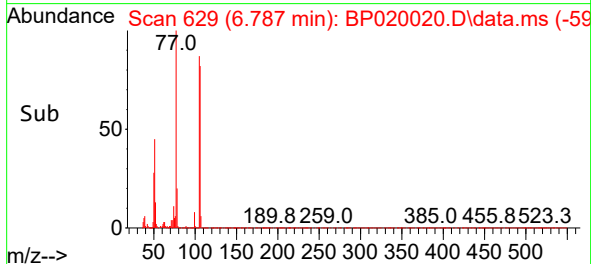
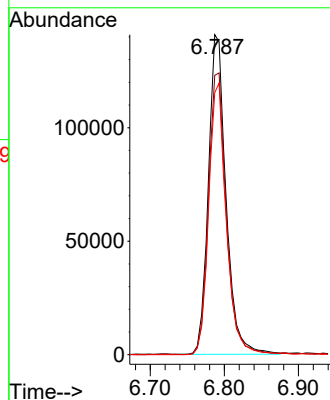
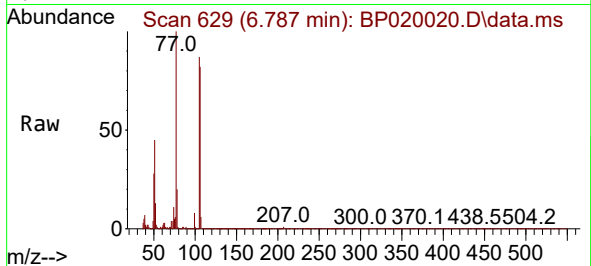




#6
Benzaldehyde
Concen: 56.626 ng/ul
RT: 6.787 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

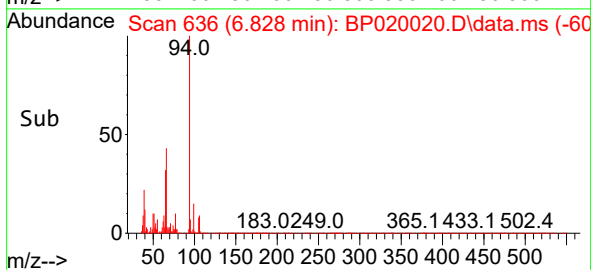
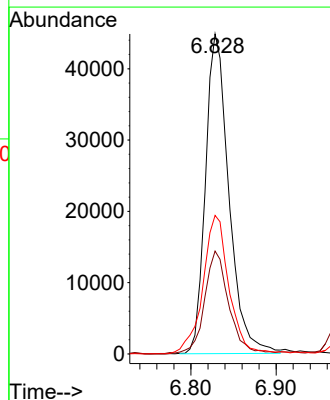
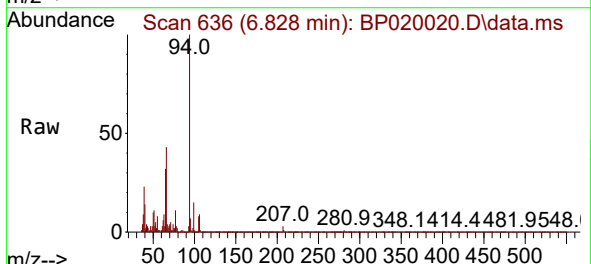
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BNA_P
ClientSampleId :

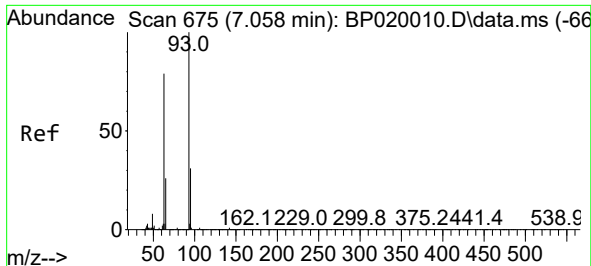
Tgt Ion: 77 Resp: 233271
Ion Ratio Lower Upper
77 100
105 87.3 72.2 108.4
106 81.9 69.1 103.7



#8
Phenol
Concen: 9.841 ng/ul
RT: 6.828 min Scan# 636
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion: 94 Resp: 85717
Ion Ratio Lower Upper
94 100
65 32.2 23.8 35.8
66 43.3 33.2 49.8

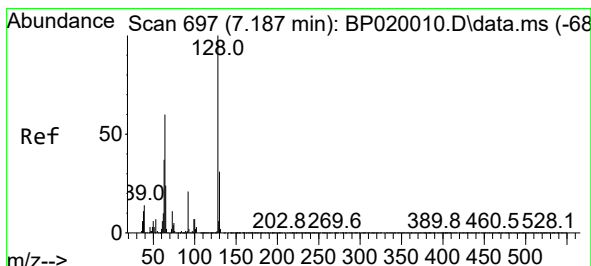
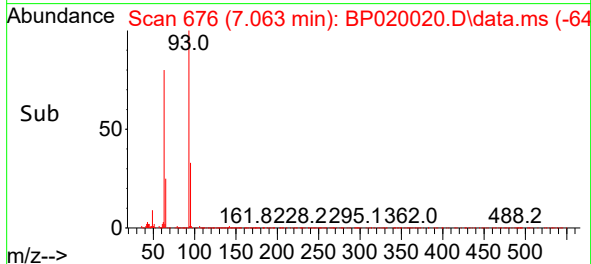
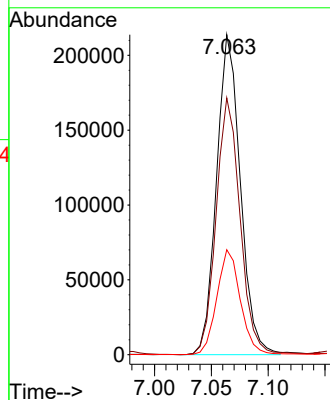
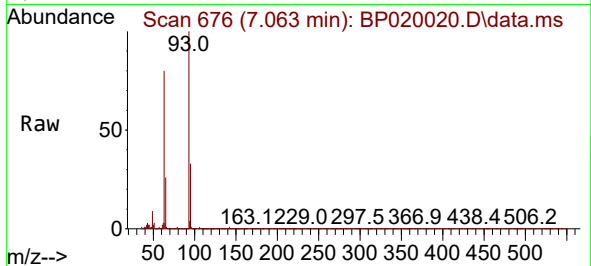




#10
Bis(2-Chloroethyl)ether
Concen: 44.239 ng/ul
RT: 7.063 min Scan# 610
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

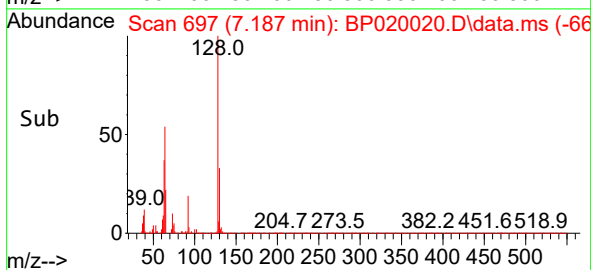
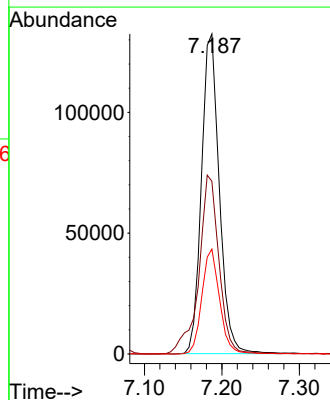
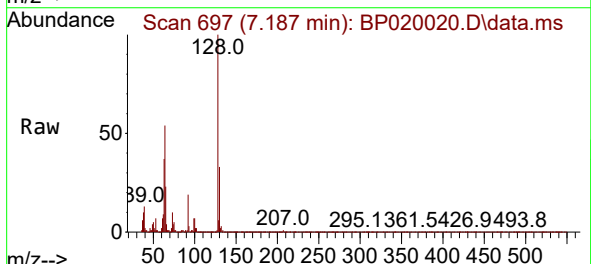
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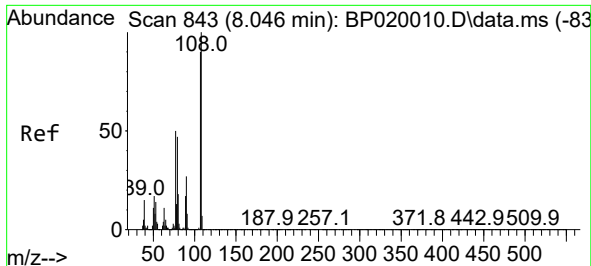
Tgt Ion: 93 Resp: 312045
Ion Ratio Lower Upper
93 100
63 80.2 63.5 95.3
95 32.8 24.9 37.3



#12
2-Chlorophenol
Concen: 33.590 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:128 Resp: 211788
Ion Ratio Lower Upper
128 100
64 53.9 42.5 63.7
130 32.8 25.0 37.4

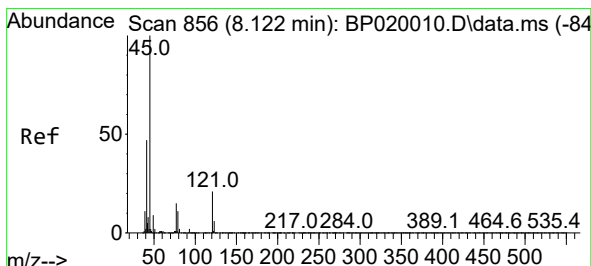
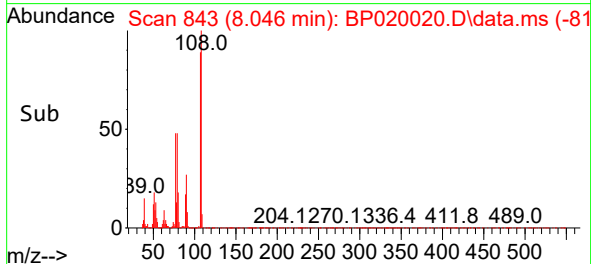
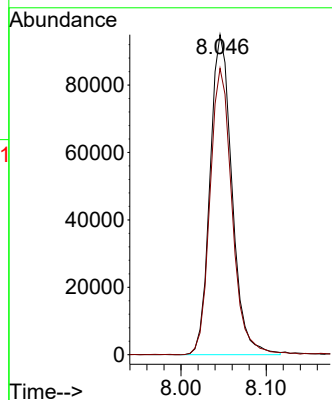
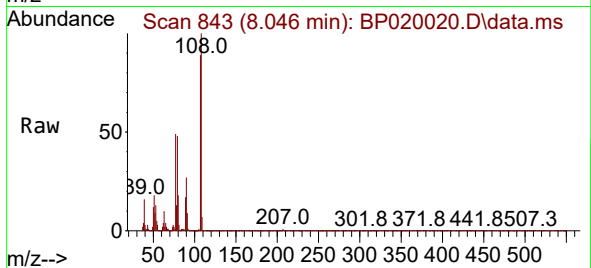




#13
2-Methylphenol
Concen: 27.095 ng/ul
RT: 8.046 min Scan# 843
Delta R.T. -0.012 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

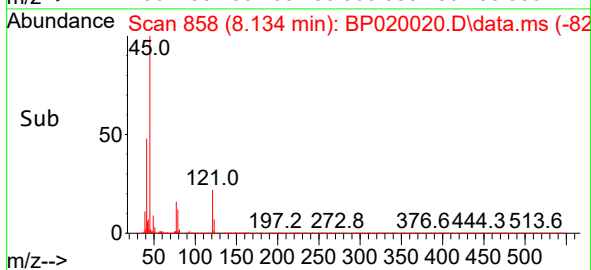
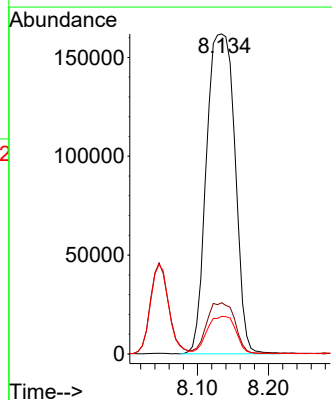
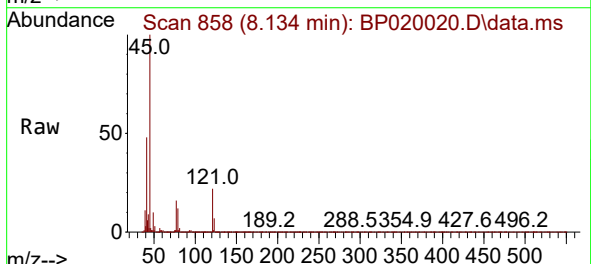
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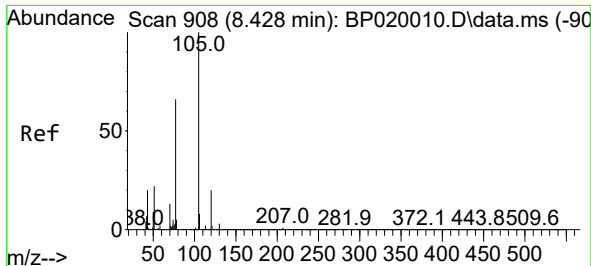
Tgt Ion:108 Resp: 170117
Ion Ratio Lower Upper
108 100
107 89.5 72.3 108.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 46.348 ng/ul
RT: 8.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion: 45 Resp: 449535
Ion Ratio Lower Upper
45 100
77 16.0 12.3 18.5
79 11.7 9.4 14.0

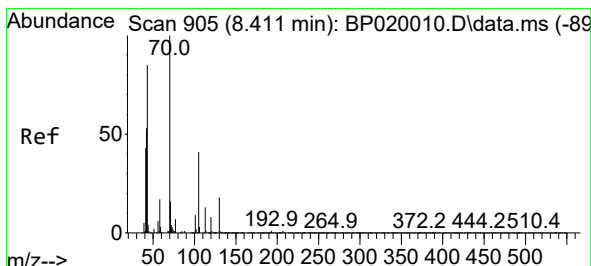
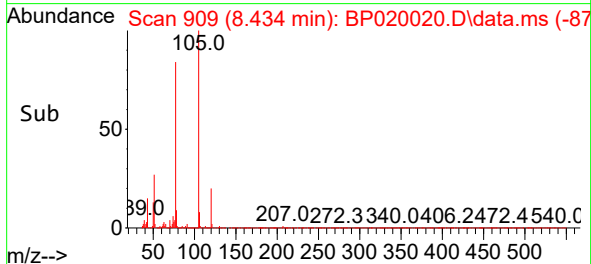
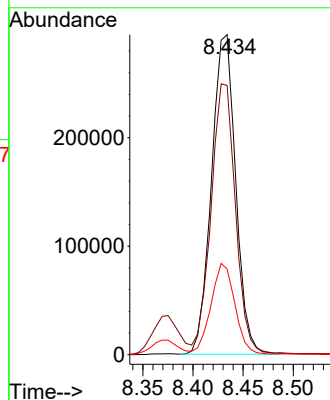
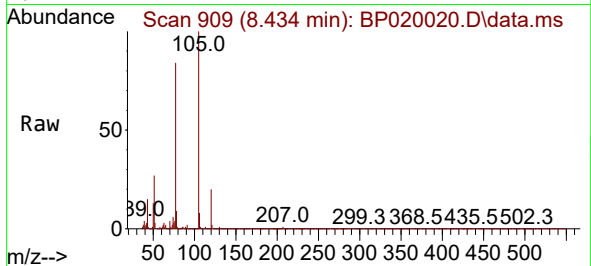




#16
Acetophenone
Concen: 47.535 ng/ul
RT: 8.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

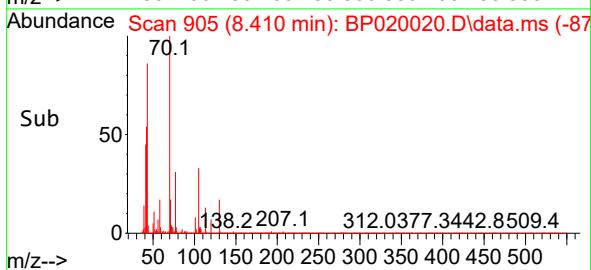
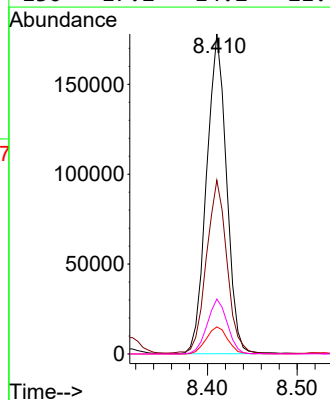
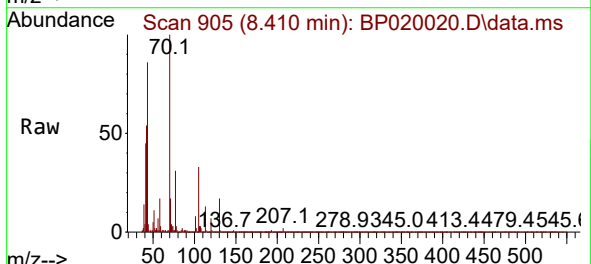
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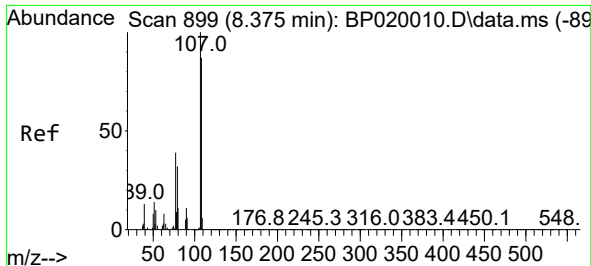
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Ion Ratio Lower Upper
105 100
77 84.1 67.8 101.6
51 26.8 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 47.436 ng/ul
RT: 8.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion: 70 Resp: 275061
Ion Ratio Lower Upper
70 100
42 54.3 43.1 64.7
101 8.5 7.7 11.5
130 17.2 14.2 21.4

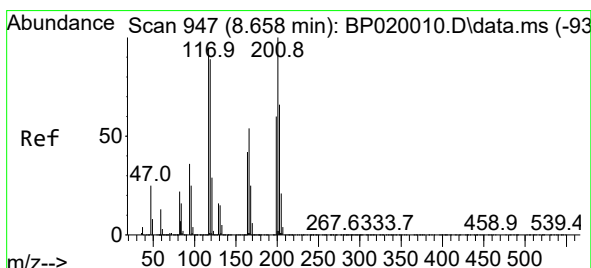
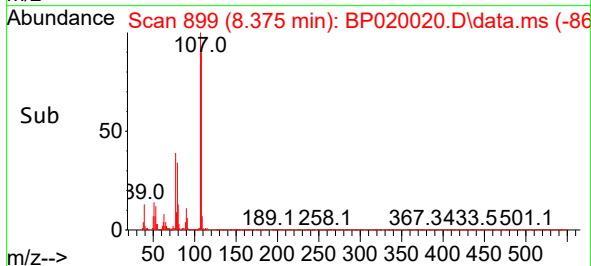
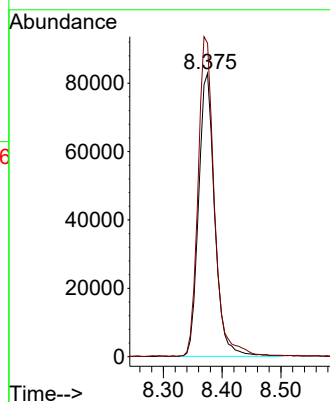
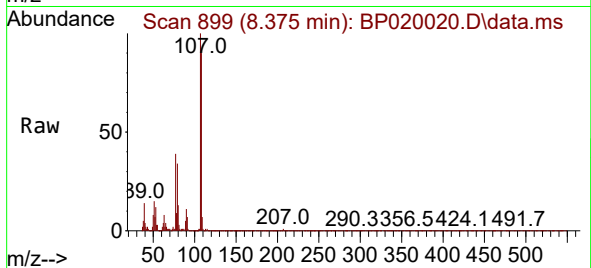




#18
4-Methylphenol
Concen: 23.336 ng/ul
RT: 8.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

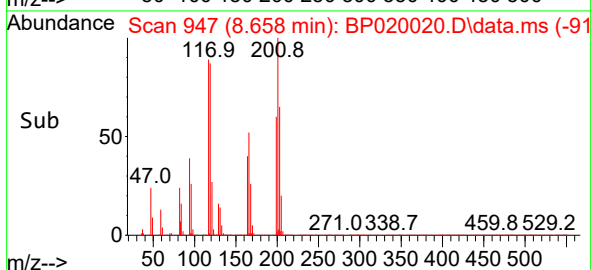
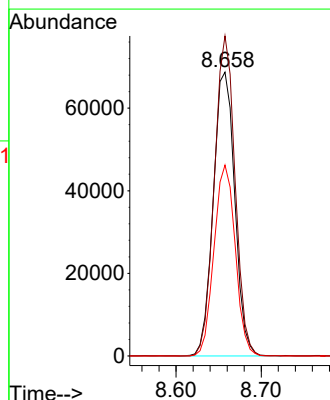
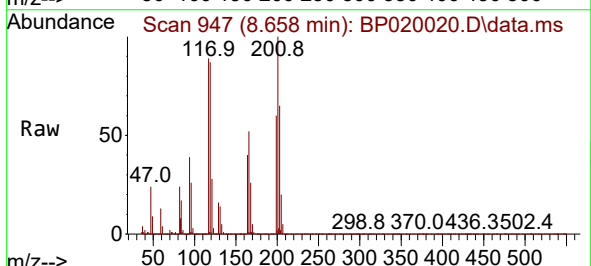
Instrument :
BNA_P
ClientSampleId :

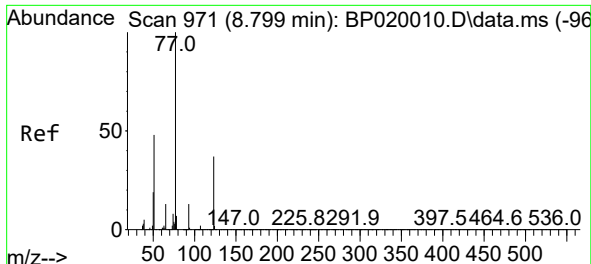
Tgt Ion:108 Resp: 157700
Ion Ratio Lower Upper
108 100
107 110.7 91.3 136.9



#19
Hexachloroethane
Concen: 41.192 ng/ul
RT: 8.658 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

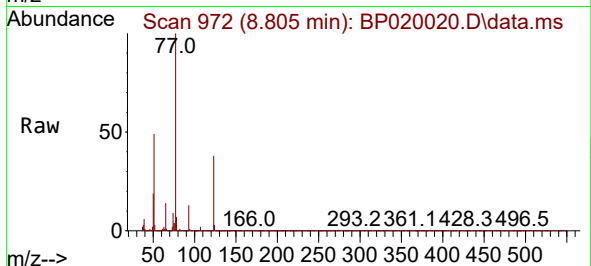
Tgt Ion:117 Resp: 120632
Ion Ratio Lower Upper
117 100
201 112.7 82.1 123.1
199 67.2 53.8 80.8



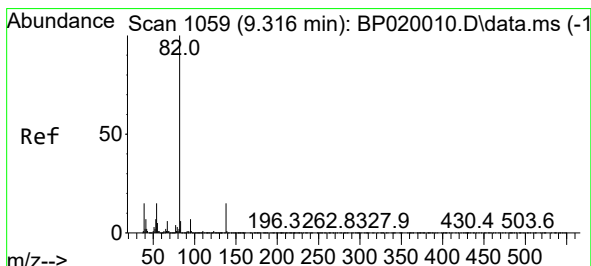
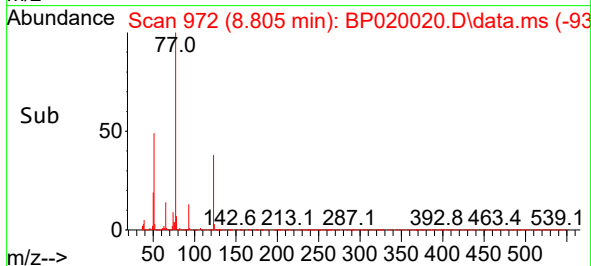
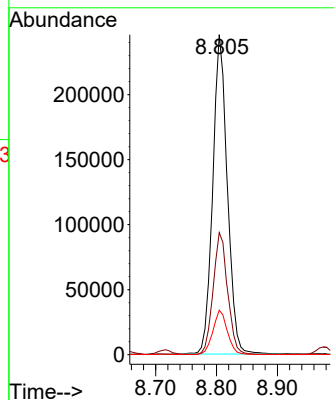


#22
Nitrobenzene
Concen: 45.000 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Instrument :
BNA_P
ClientSampleId :

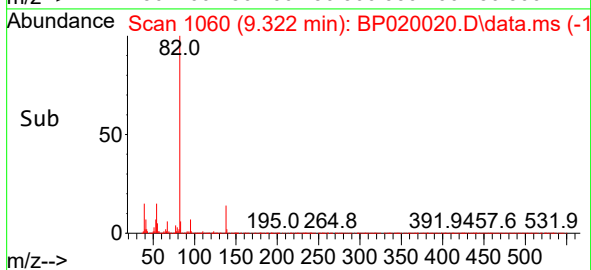
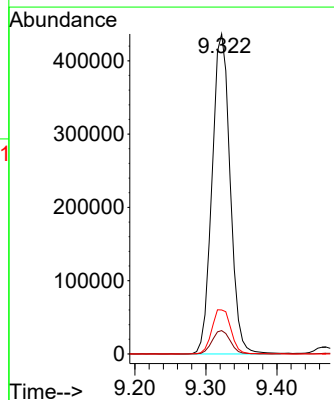
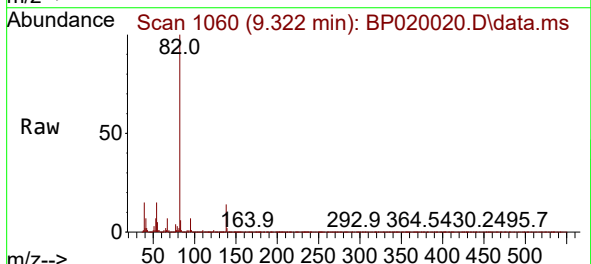


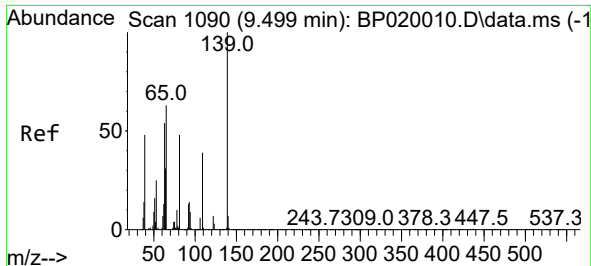
Tgt Ion: 77 Resp: 408286
Ion Ratio Lower Upper
77 100
123 38.1 30.6 46.0
65 13.9 11.4 17.0



#23
Isophorone
Concen: 45.559 ng/ul
RT: 9.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion: 82 Resp: 770522
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 13.7 12.1 18.1

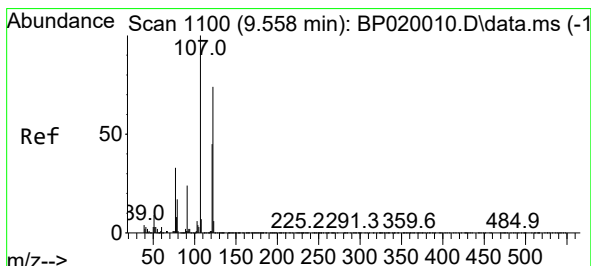
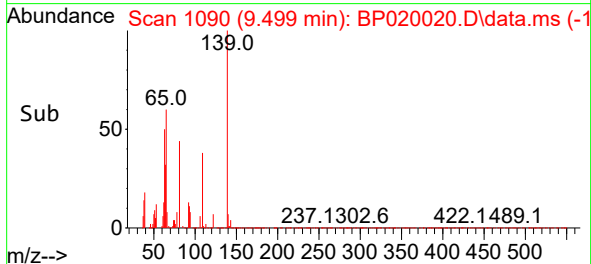
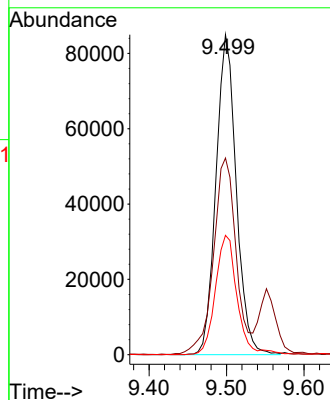
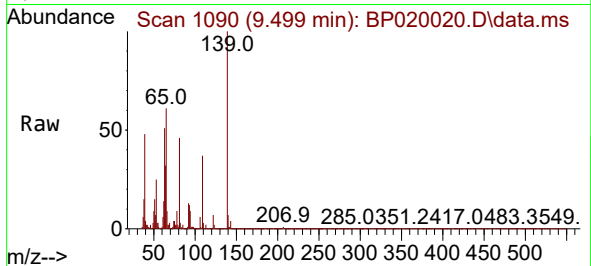




#25
2-Nitrophenol
Concen: 41.739 ng/ul
RT: 9.499 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

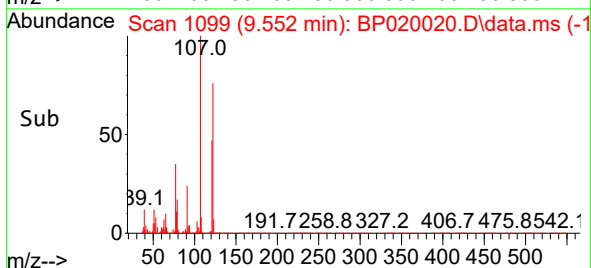
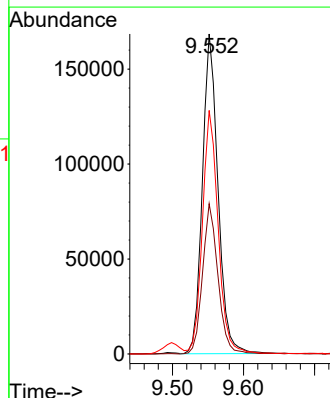
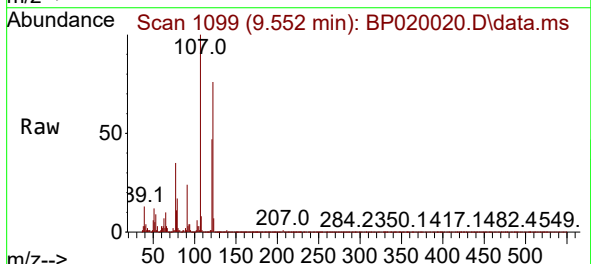
Instrument :
BNA_P
ClientSampleId :

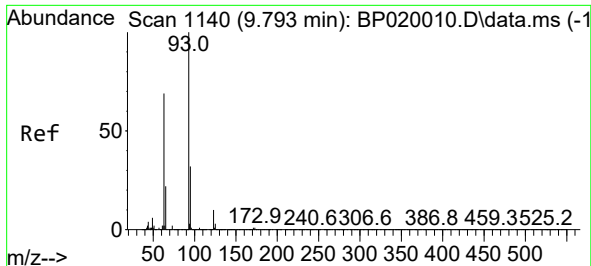
Tgt Ion:139 Resp: 155075
Ion Ratio Lower Upper
139 100
65 61.5 49.0 73.6
109 37.3 27.8 41.6



#26
2,4-Dimethylphenol
Concen: 31.818 ng/ul
RT: 9.552 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:107 Resp: 258053
Ion Ratio Lower Upper
107 100
121 47.0 37.4 56.2
122 76.1 63.3 94.9





#27

Bis(2-Chloroethoxy)methane

Concen: 44.475 ng/ul

RT: 9.799 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

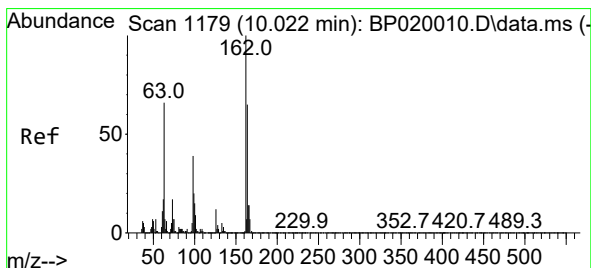
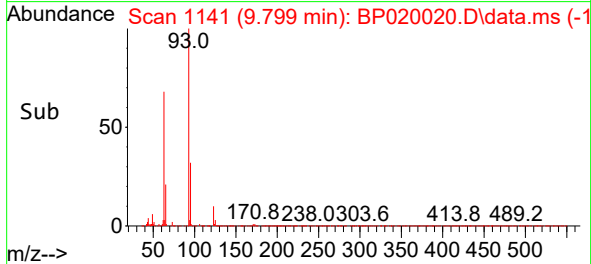
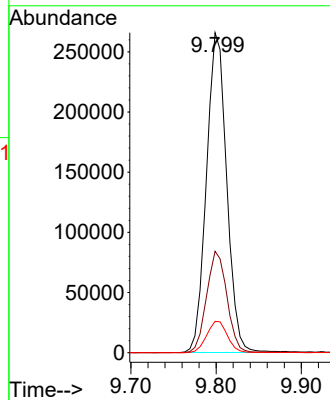
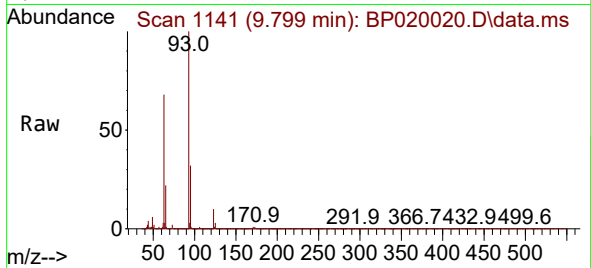
Tgt Ion: 93 Resp: 439839

Ion Ratio Lower Upper

93 100

95 31.7 25.2 37.8

123 9.8 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 39.270 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

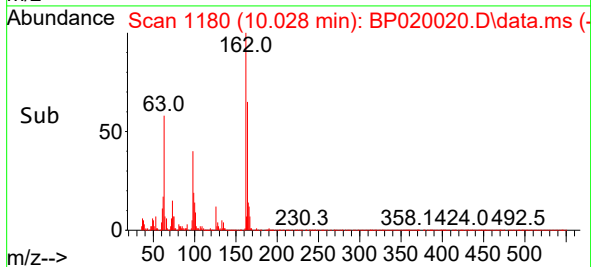
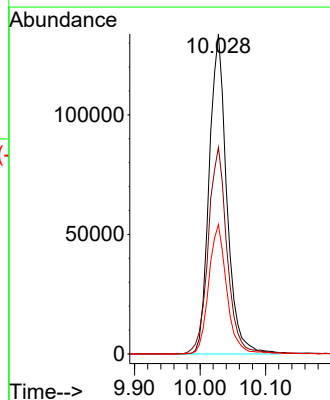
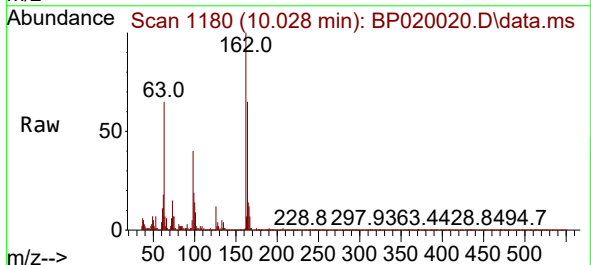
Tgt Ion:162 Resp: 250045

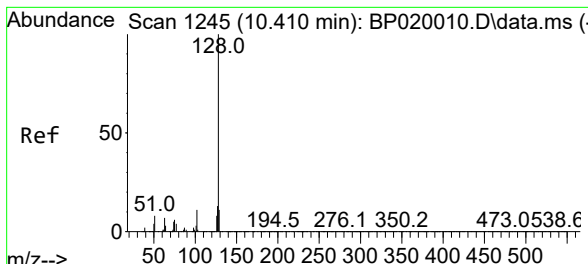
Ion Ratio Lower Upper

162 100

164 64.6 52.7 79.1

98 40.5 32.4 48.6



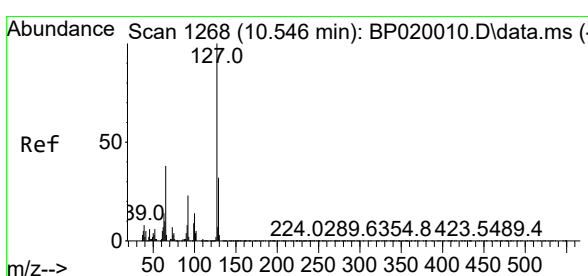
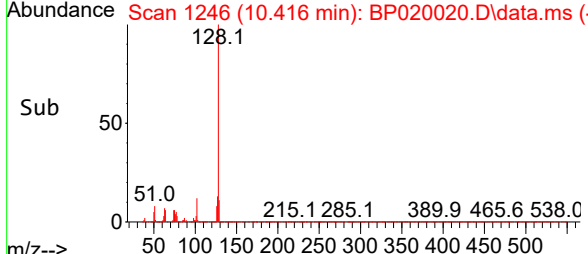
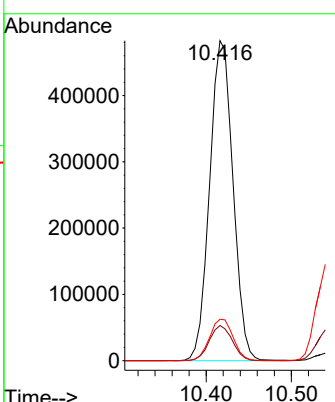
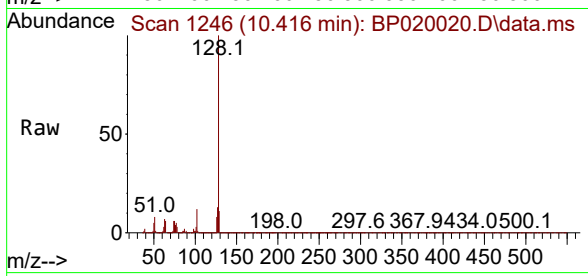


#30
Naphthalene
Concen: 43.212 ng/ul
RT: 10.416 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 921269

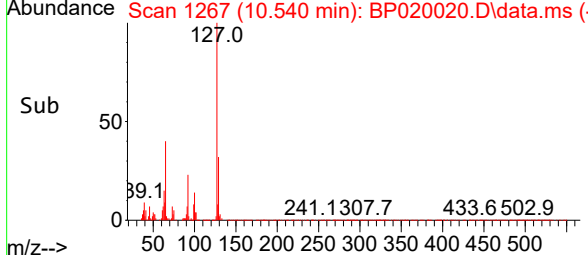
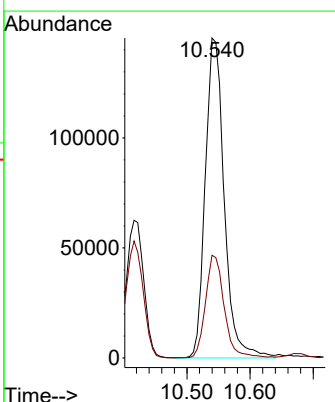
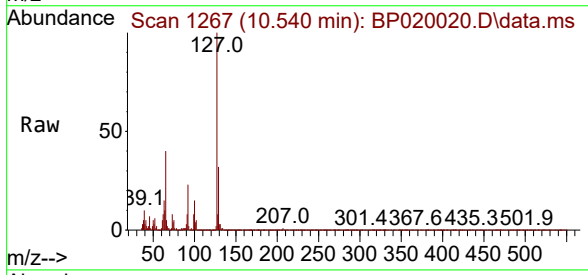
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.3	15.5

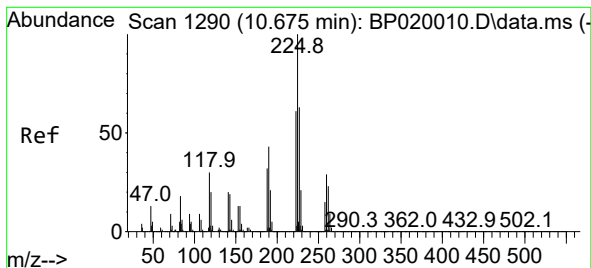


#32
4-Chloroaniline
Concen: 36.389 ng/ul
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:127 Resp: 303016

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2





#33

Hexachlorobutadiene

Concen: 41.988 ng/ul

RT: 10.681 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

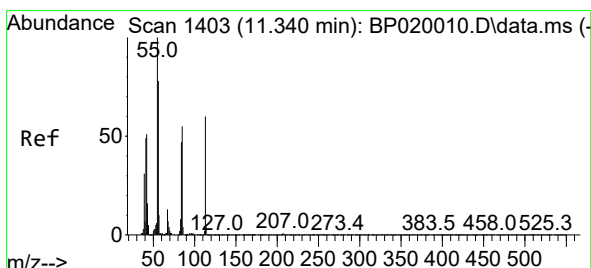
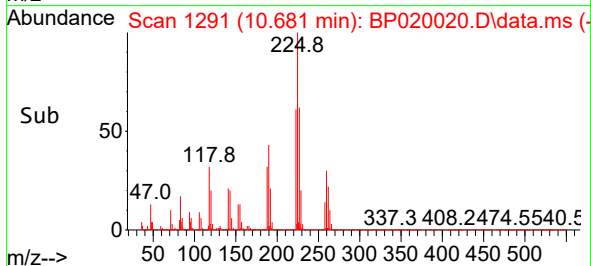
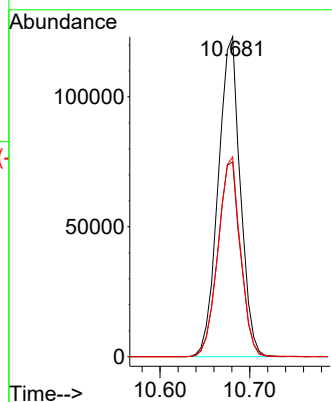
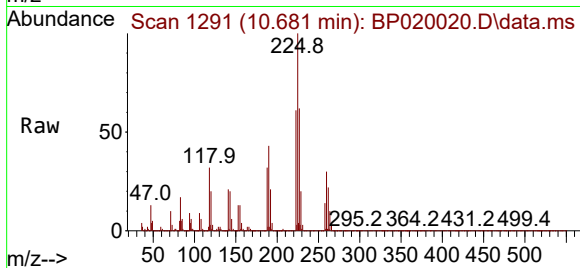
Tgt Ion:225 Resp: 210687

Ion Ratio Lower Upper

225 100

223 60.9 50.5 75.7

227 62.5 50.3 75.5



#34

Caprolactam

Concen: 7.207 ng/ul

RT: 11.357 min Scan# 1406

Delta R.T. 0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

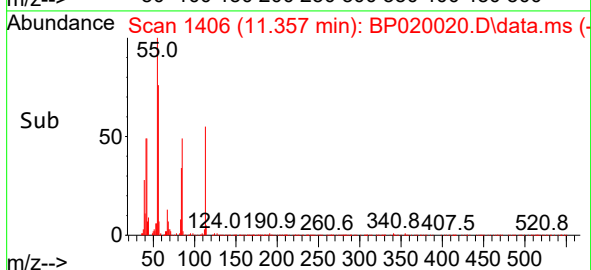
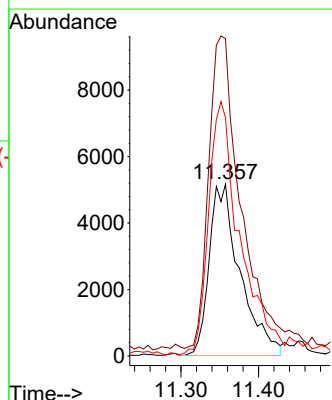
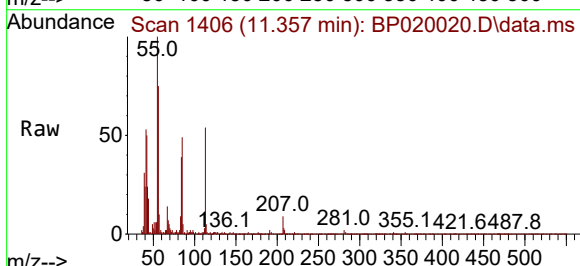
Tgt Ion:113 Resp: 14265

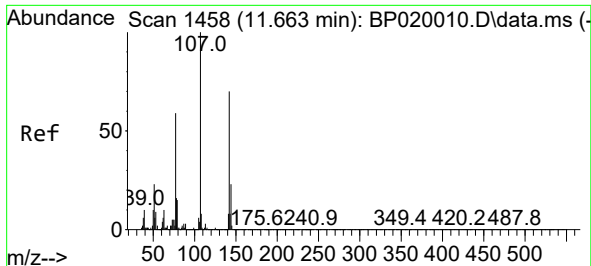
Ion Ratio Lower Upper

113 100

55 184.6 149.5 224.3

56 138.6 114.6 172.0

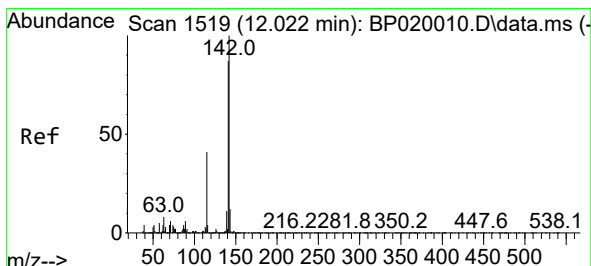
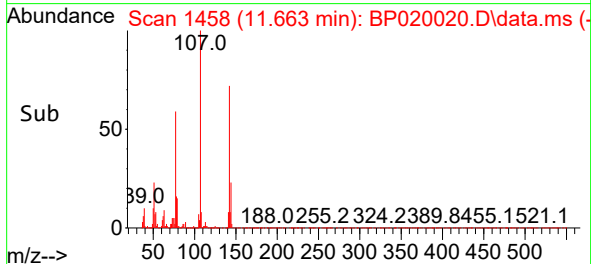
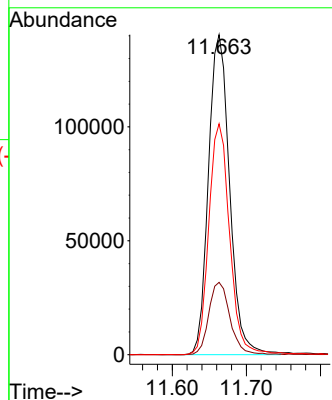
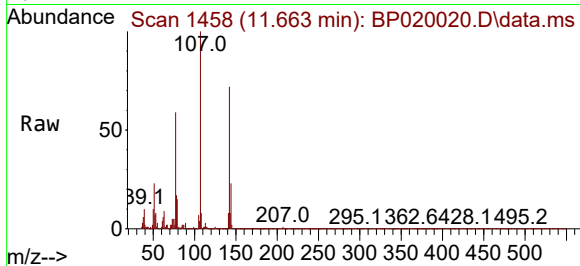




#35
4-Chloro-3-methylphenol
Concen: 39.387 ng/ul
RT: 11.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

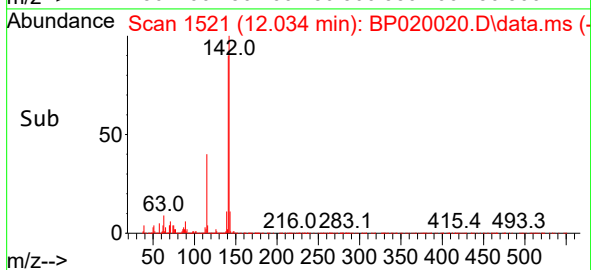
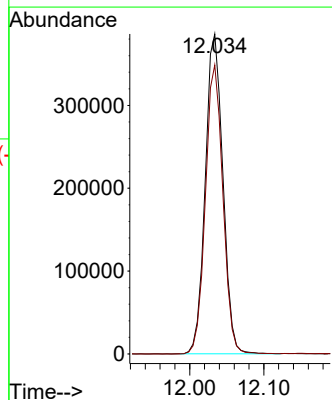
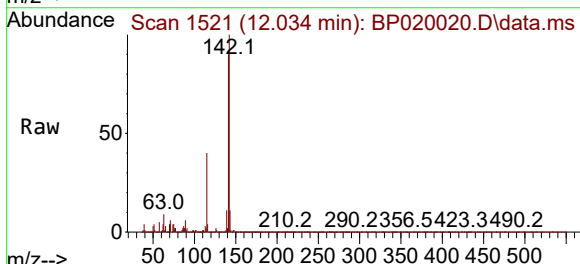
Instrument :
BNA_P
ClientSampleId :

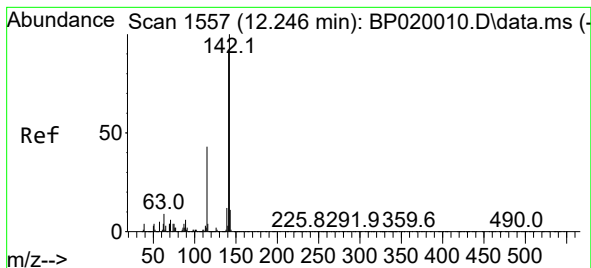
Tgt Ion:107 Resp: 278592
Ion Ratio Lower Upper
107 100
144 22.6 19.0 28.4
142 72.1 57.8 86.6



#36
2-Methylnaphthalene
Concen: 44.868 ng/ul
RT: 12.034 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:142 Resp: 636912
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.8





#37

1-Methylnaphthalene

Concen: 44.824 ng/ul

RT: 12.246 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

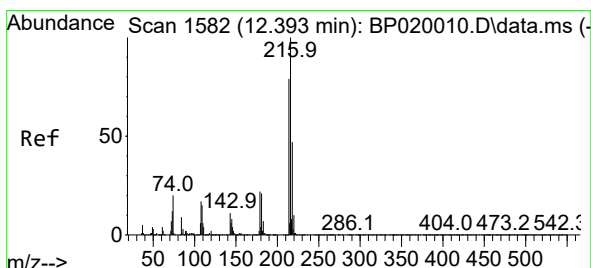
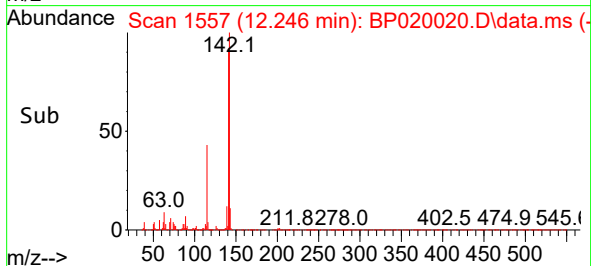
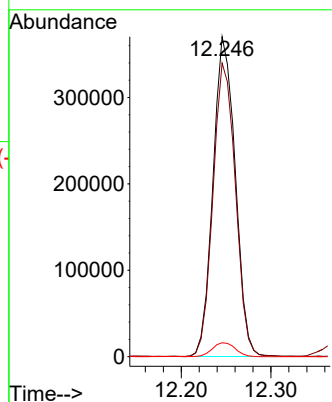
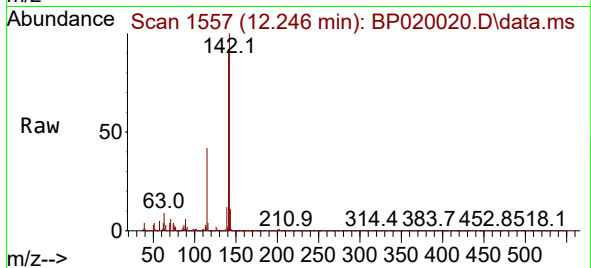
Tgt Ion:142 Resp: 636364

Ion Ratio Lower Upper

142 100

141 91.8 73.2 109.8

116 4.4 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.965 ng/ul

RT: 12.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Tgt Ion:216 Resp: 386185

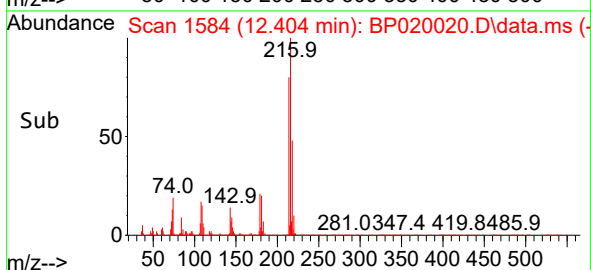
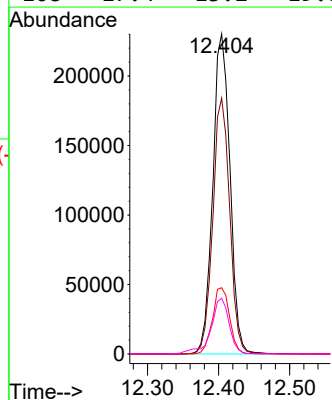
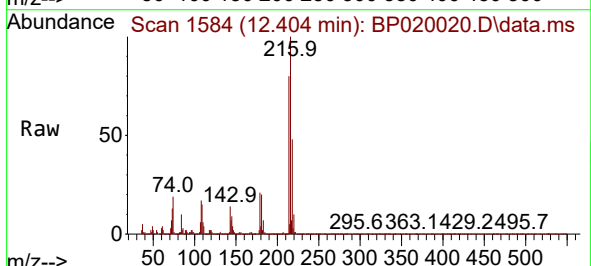
Ion Ratio Lower Upper

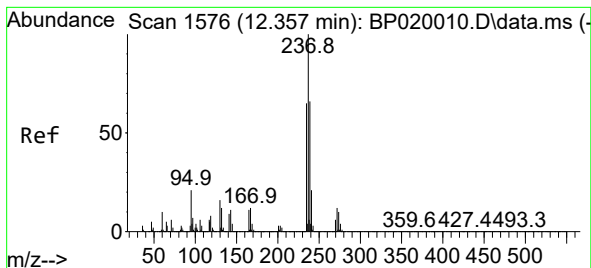
216 100

214 79.9 62.1 93.1

179 20.7 16.6 24.8

108 17.4 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 33.682 ng/ul

RT: 12.369 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

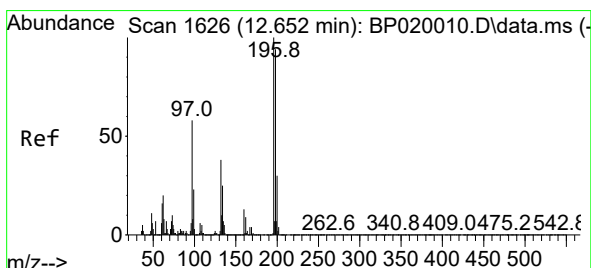
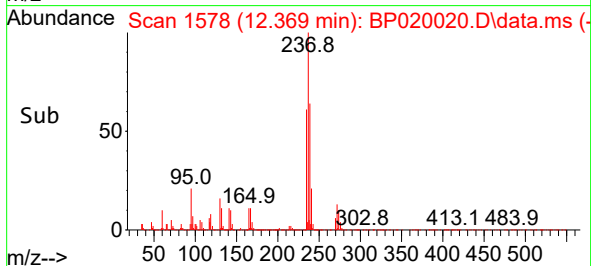
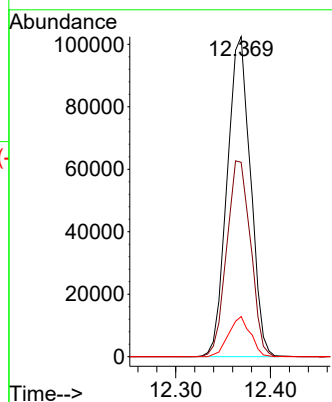
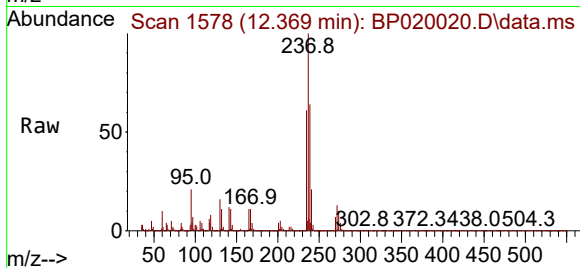
Tgt Ion:237 Resp: 175396

Ion Ratio Lower Upper

237 100

235 60.8 49.7 74.5

272 13.2 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 43.124 ng/ul

RT: 12.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

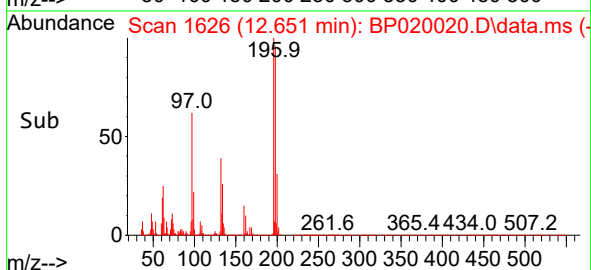
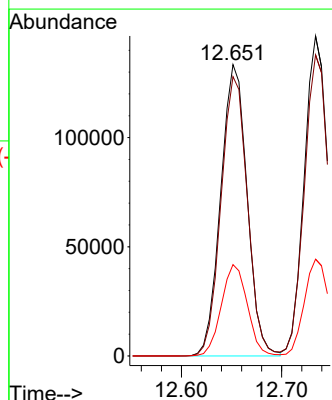
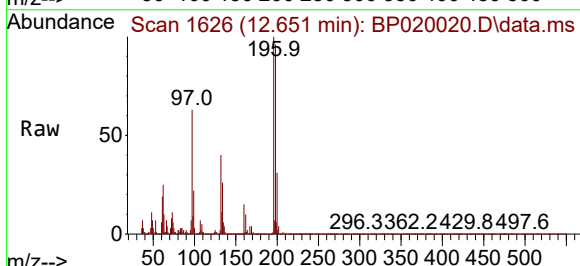
Tgt Ion:196 Resp: 243799

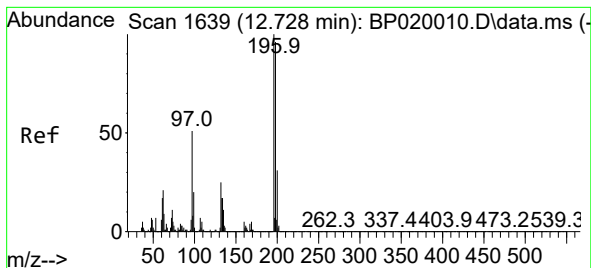
Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.8

200 31.3 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 43.597 ng/ul

RT: 12.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

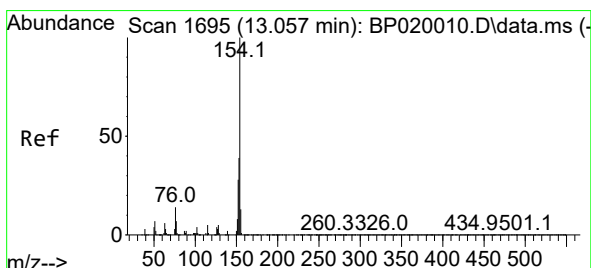
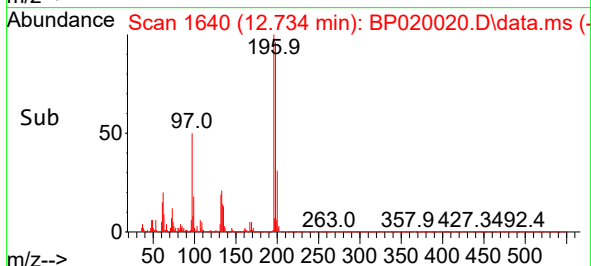
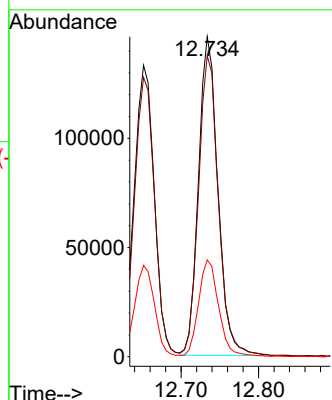
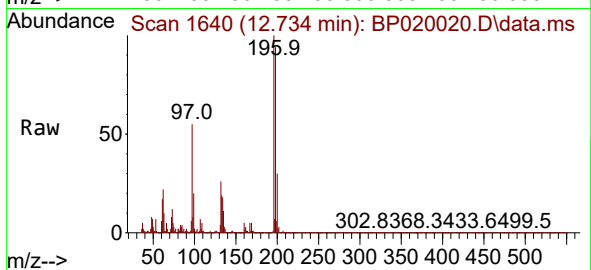
Tgt Ion:196 Resp: 254924

Ion Ratio Lower Upper

196 100

198 94.1 77.3 115.9

200 30.3 25.1 37.7



#43

1,1'-Biphenyl

Concen: 42.909 ng/ul

RT: 13.057 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

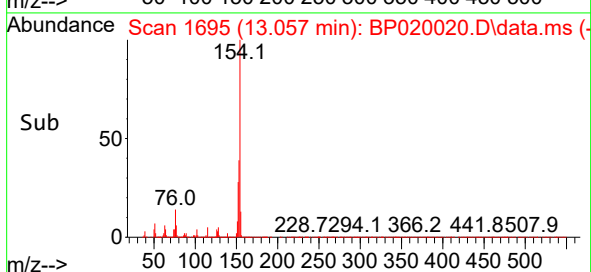
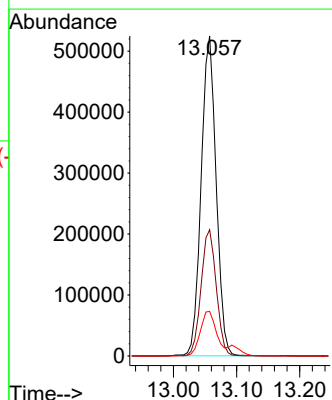
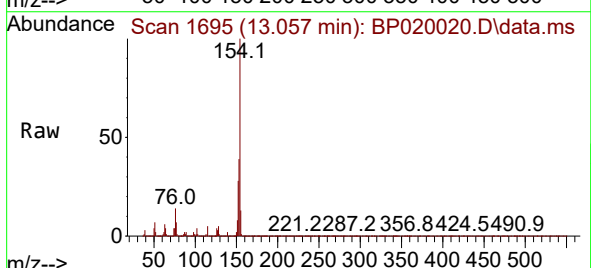
Tgt Ion:154 Resp: 864915

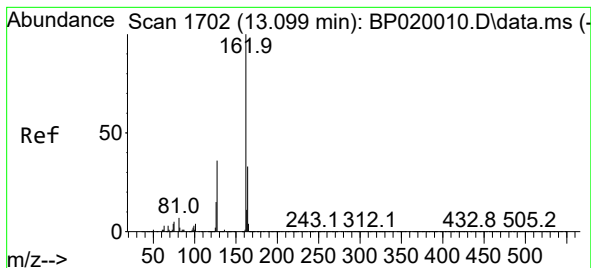
Ion Ratio Lower Upper

154 100

153 39.5 31.6 47.4

76 13.9 11.4 17.0





#44

2-Chloronaphthalene

Concen: 42.878 ng/ul

RT: 13.093 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

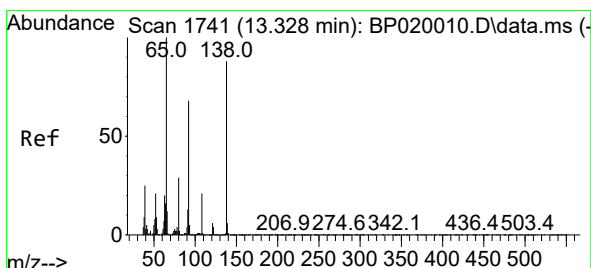
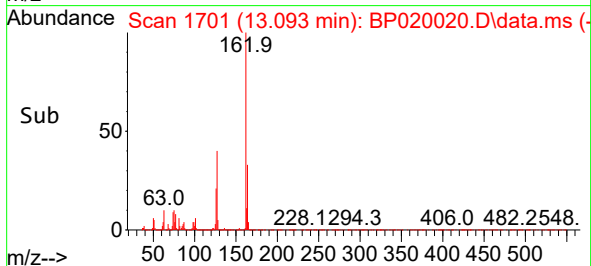
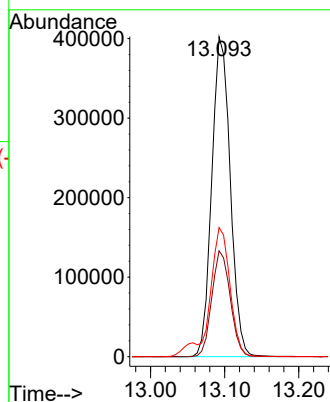
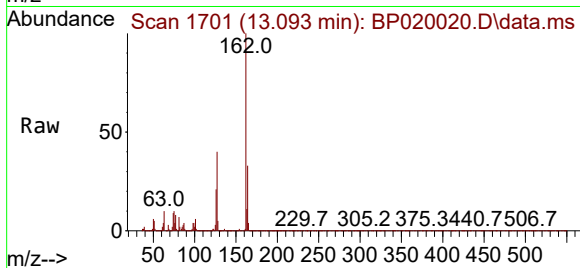
Tgt Ion:162 Resp: 696976

Ion Ratio Lower Upper

162 100

164 33.1 25.8 38.8

127 40.3 31.4 47.0



#45

2-Nitroaniline

Concen: 50.358 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

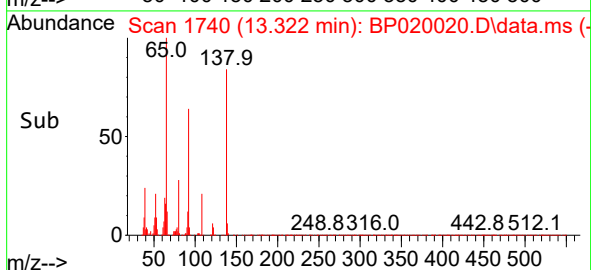
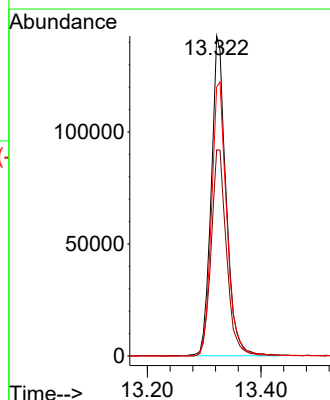
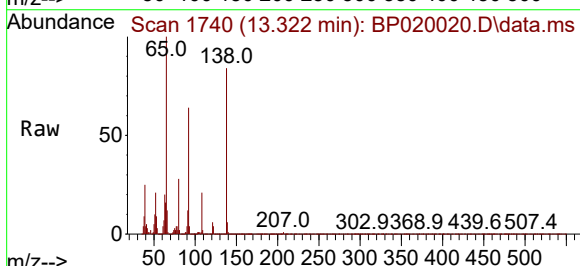
Tgt Ion: 65 Resp: 257849

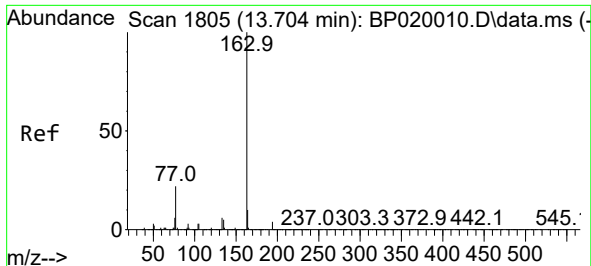
Ion Ratio Lower Upper

65 100

92 64.4 51.8 77.6

138 84.1 70.6 106.0

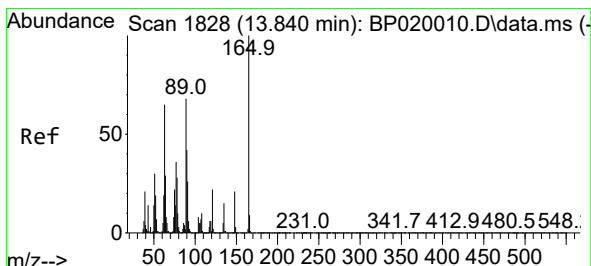
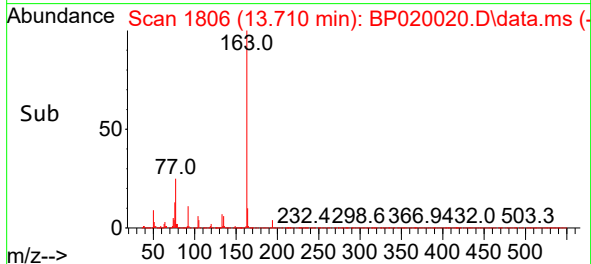
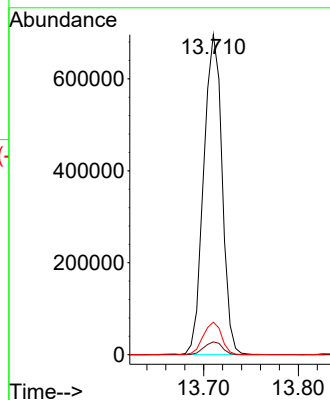
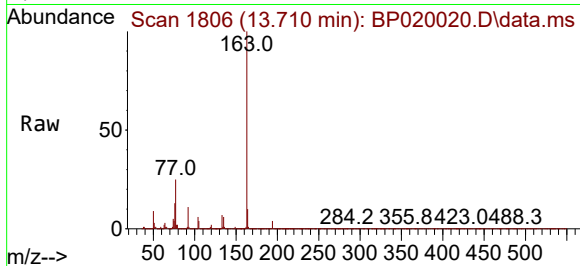




#47
Dimethylphthalate
Concen: 47.570 ng/ul
RT: 13.710 min Scan# 1806
Delta R.T. 0.017 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

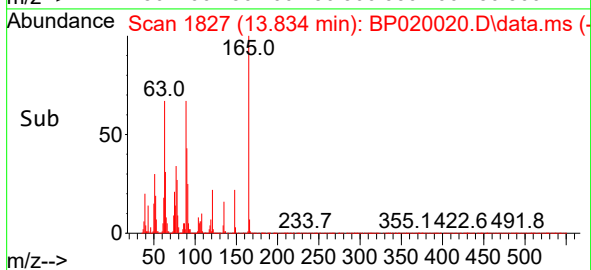
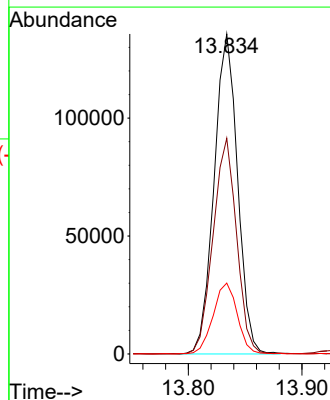
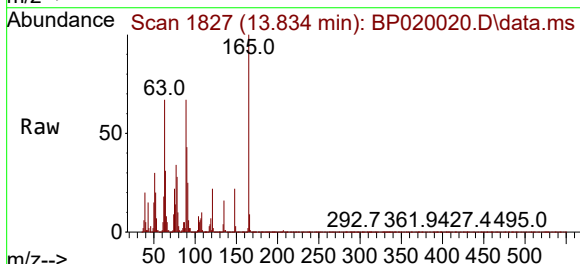
Instrument :
BNA_P
ClientSampleId :

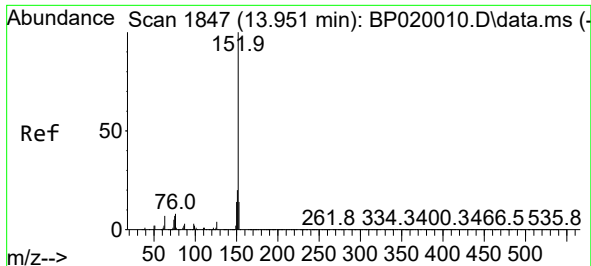
Tgt Ion:163 Resp: 937019
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 48.699 ng/ul
RT: 13.834 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

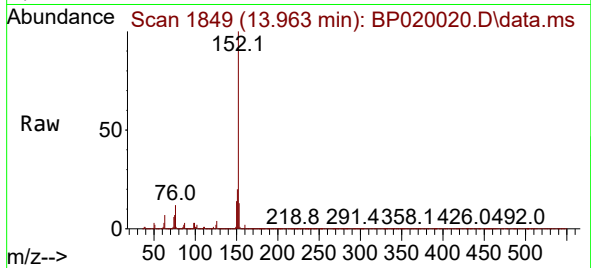
Tgt Ion:165 Resp: 194764
Ion Ratio Lower Upper
165 100
89 67.4 54.3 81.5
121 22.2 19.0 28.4



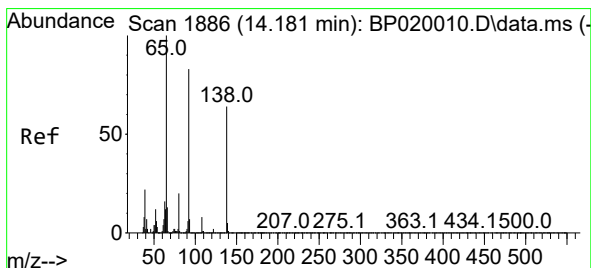
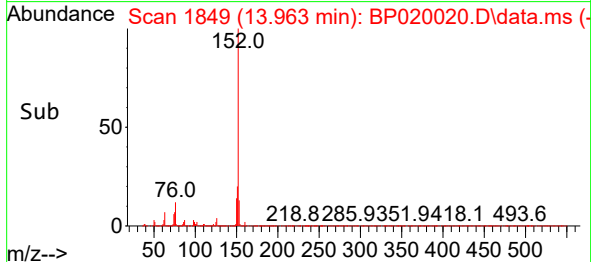
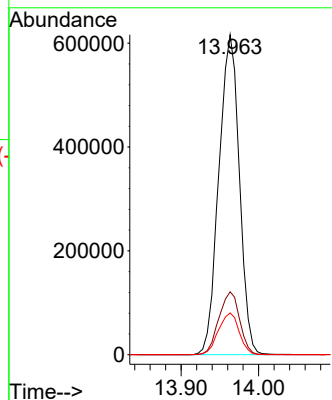


#50
Acenaphthylene
Concen: 44.448 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Instrument :
BNA_P
ClientSampleId :

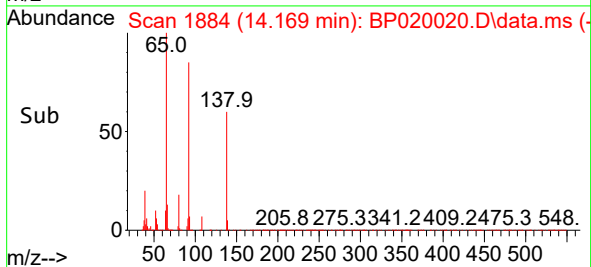
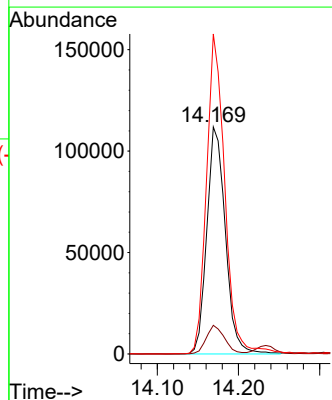
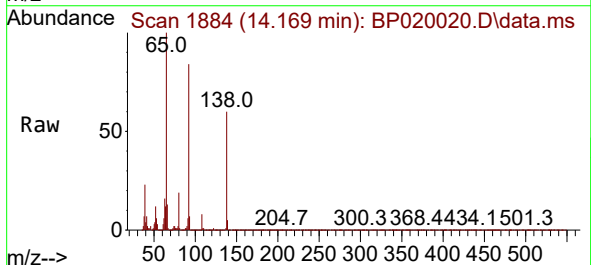


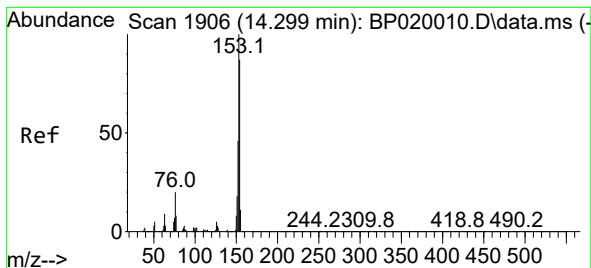
Tgt Ion:152 Resp: 1133146
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.9 16.3



#51
3-Nitroaniline
Concen: 48.258 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:138 Resp: 177738
Ion Ratio Lower Upper
138 100
108 12.6 10.5 15.7
92 141.0 103.4 155.0





#52

Acenaphthene

Concen: 44.314 ng/ul

RT: 14.310 min Scan# 1908

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

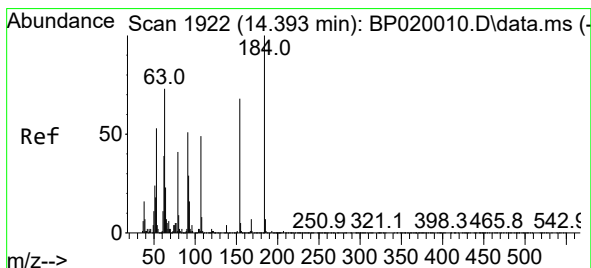
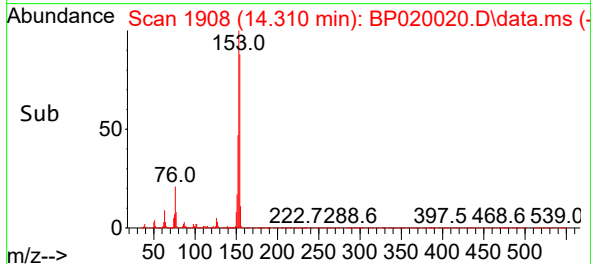
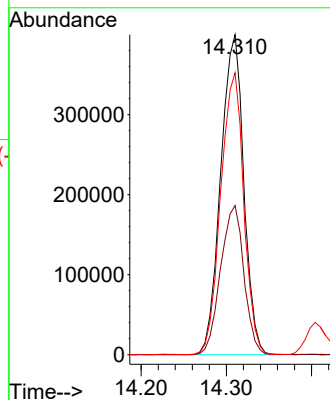
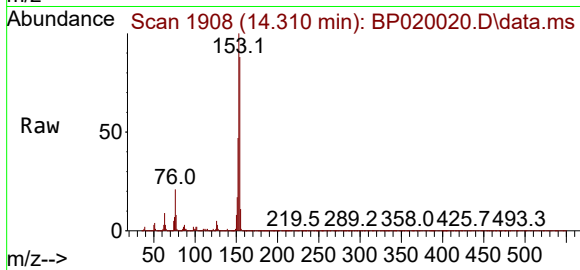
Tgt Ion:153 Resp: 750477

Ion Ratio Lower Upper

153 100

152 46.6 37.9 56.9

154 88.1 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 46.801 ng/ul

RT: 14.404 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

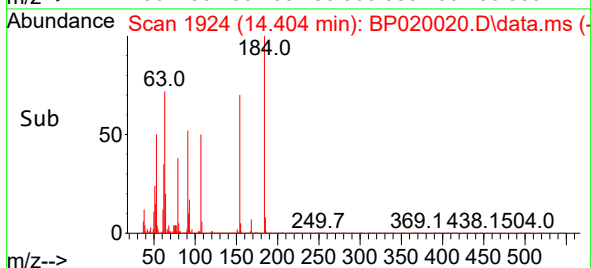
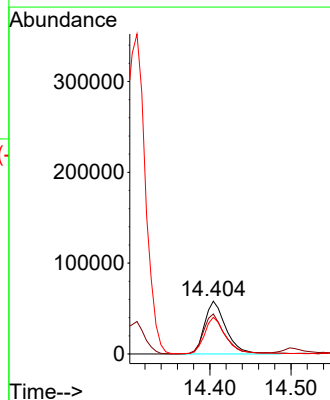
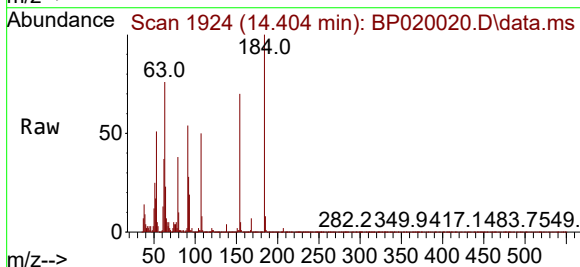
Tgt Ion:184 Resp: 106521

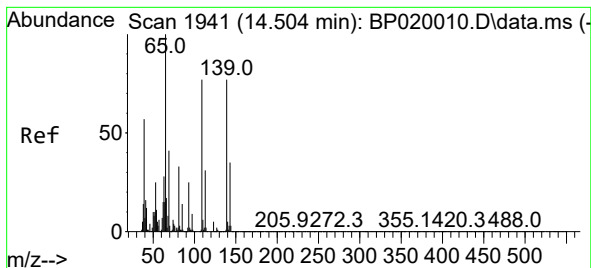
Ion Ratio Lower Upper

184 100

63 75.8 60.8 91.2

154 69.6 55.6 83.4

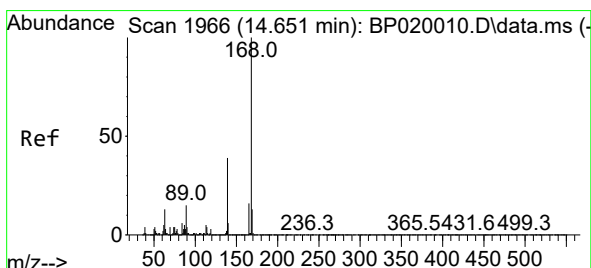
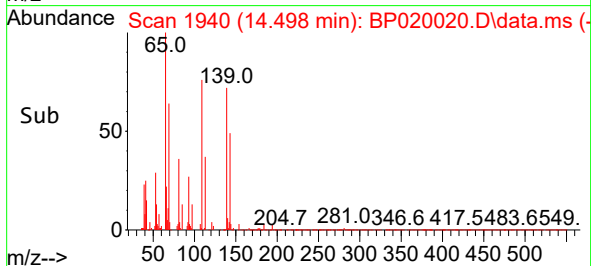
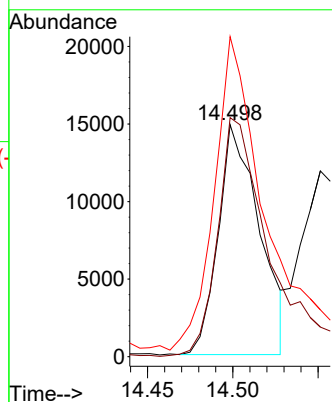
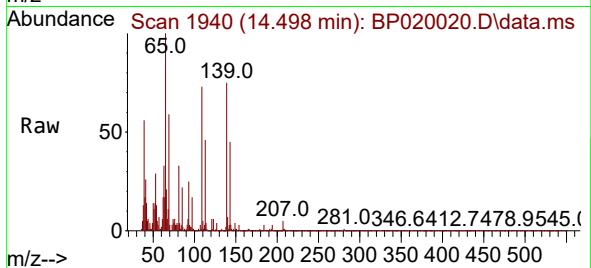




#55
4-Nitrophenol
Concen: 8.871 ng/ul
RT: 14.498 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

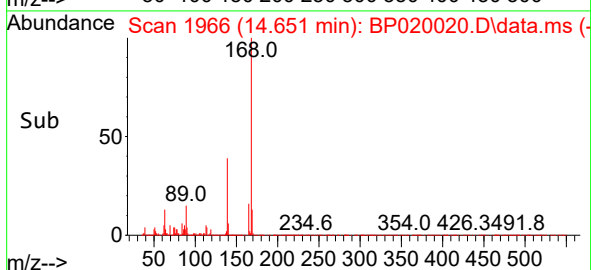
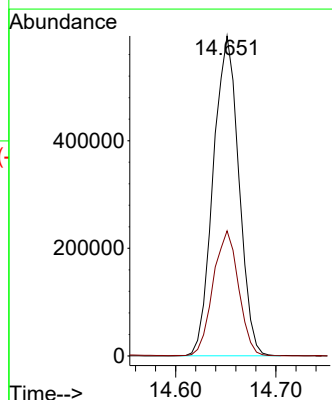
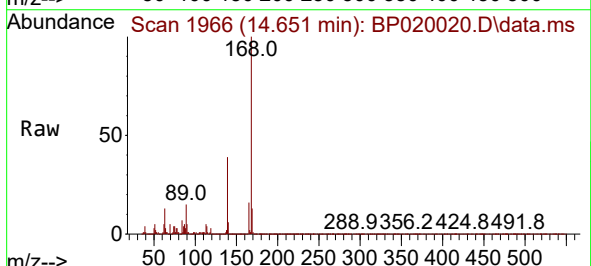
Instrument :
BNA_P
ClientSampleId :

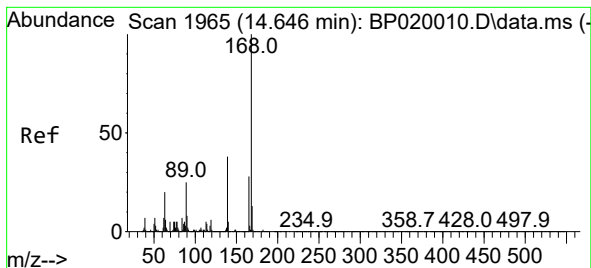
Tgt Ion:109 Resp: 24974
Ion Ratio Lower Upper
109 100
139 103.0 93.3 139.9
65 137.9 109.9 164.9



#56
Dibenzofuran
Concen: 45.911 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:168 Resp: 1055974
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8

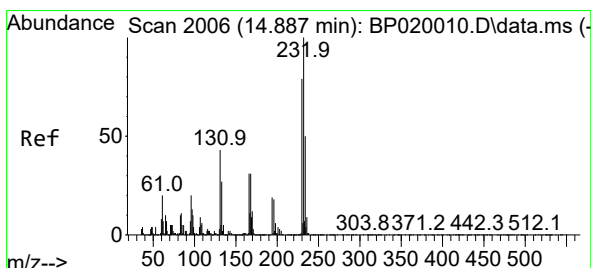
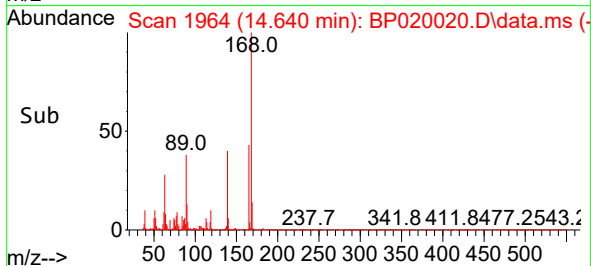
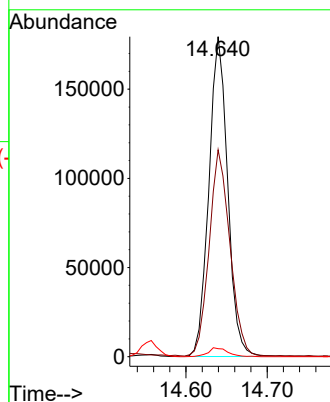
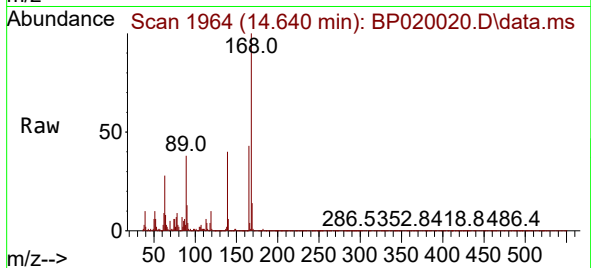




#57
 2,4-Dinitrotoluene
 Concen: 52.724 ng/ul
 RT: 14.640 min Scan# 1965
 Delta R.T. -0.018 min
 Lab File: BP020020.D
 Acq: 28 Mar 2024 21:39

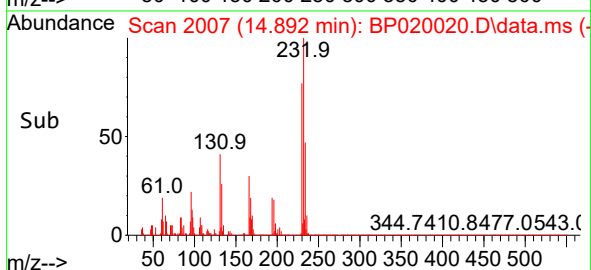
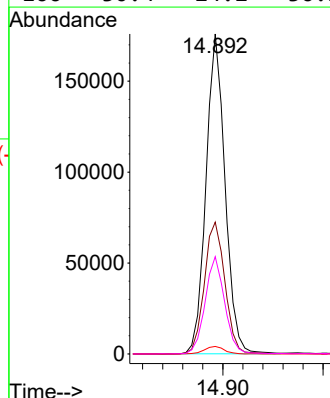
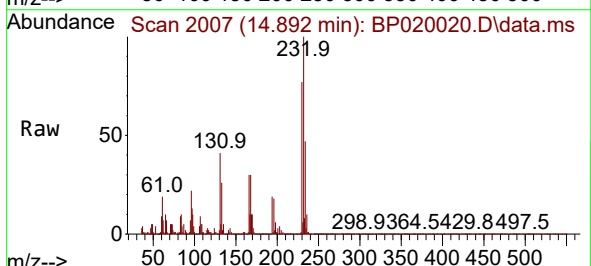
Instrument :
 BNA_P
 ClientSampleId :

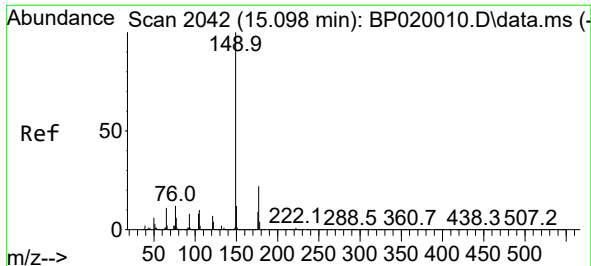
Tgt Ion:165 Resp: 288290
 Ion Ratio Lower Upper
 165 100
 63 64.7 55.9 83.9
 182 2.5 2.4 3.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.476 ng/ul
 RT: 14.892 min Scan# 2007
 Delta R.T. 0.012 min
 Lab File: BP020020.D
 Acq: 28 Mar 2024 21:39

Tgt Ion:232 Resp: 233053
 Ion Ratio Lower Upper
 232 100
 131 41.2 34.2 51.2
 130 2.4 1.8 2.6
 166 30.4 24.2 36.2

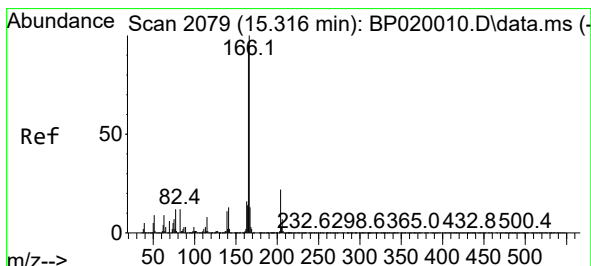
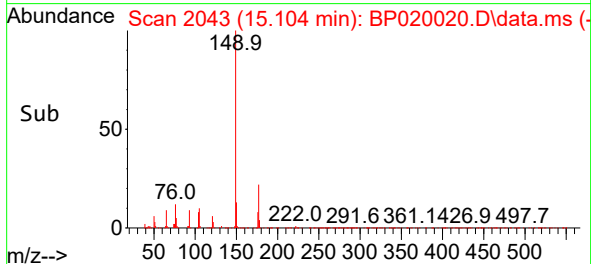
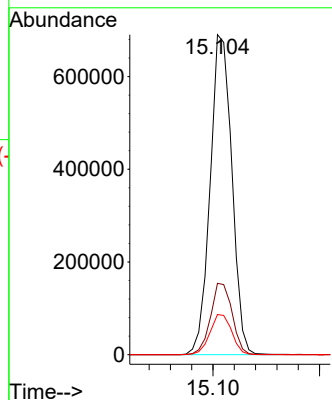
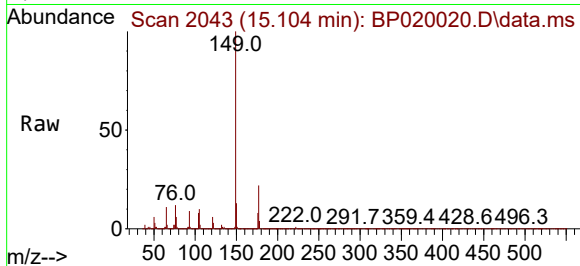




#59
Diethylphthalate
Concen: 50.003 ng/ul
RT: 15.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

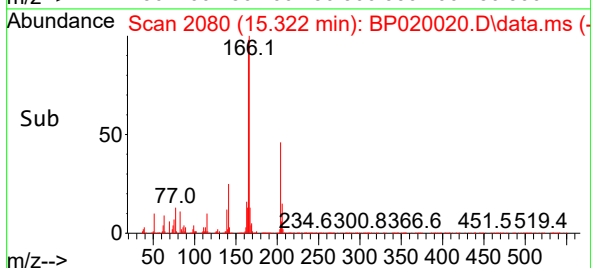
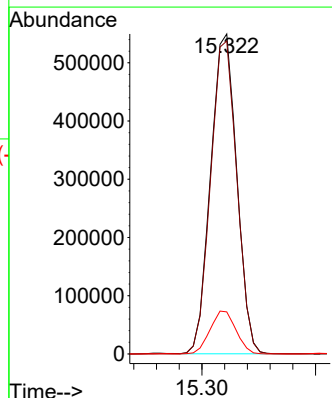
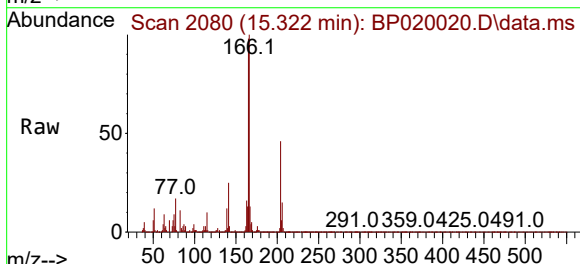
Instrument :
BNA_P
ClientSampleId :

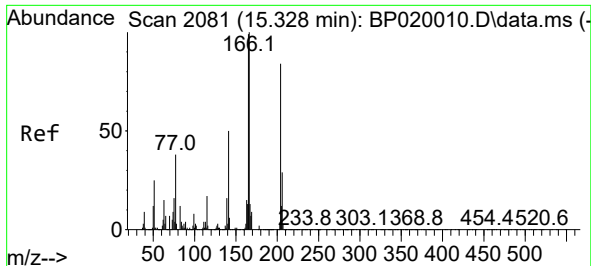
Tgt Ion:149 Resp: 976729
Ion Ratio Lower Upper
149 100
177 22.3 17.0 25.6
150 12.5 9.7 14.5



#61
Fluorene
Concen: 46.864 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:166 Resp: 879133
Ion Ratio Lower Upper
166 100
165 97.8 79.2 118.8
167 13.2 11.1 16.7

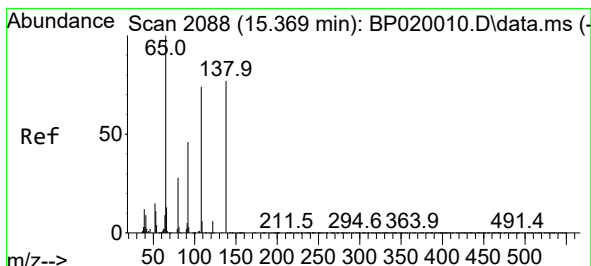
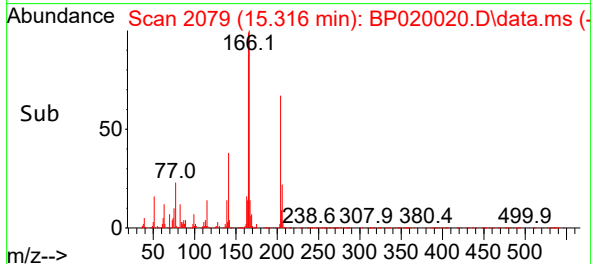
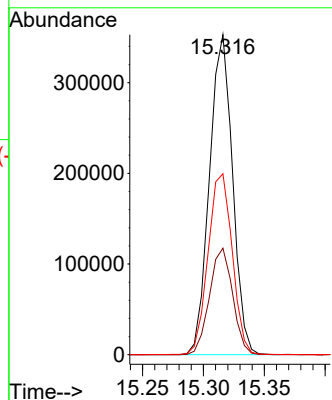
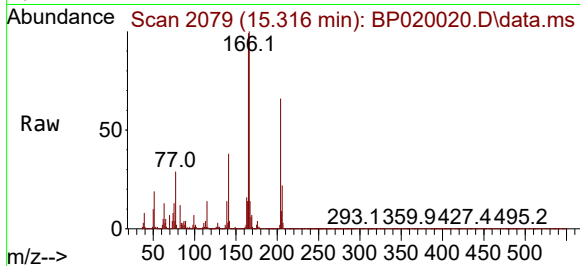




#62
4-Chlorophenyl-phenylether
Concen: 46.347 ng/ul
RT: 15.316 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

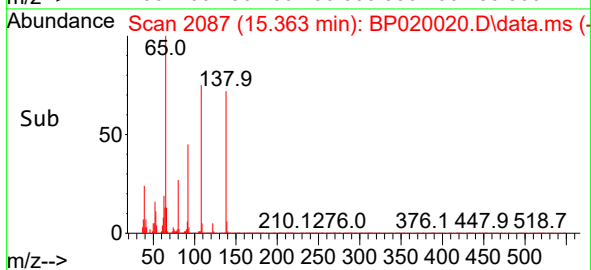
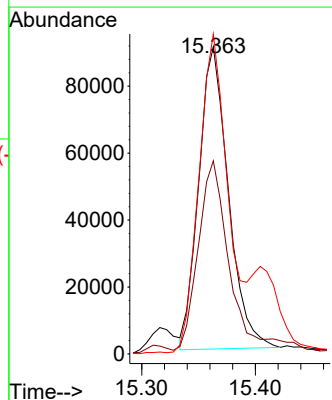
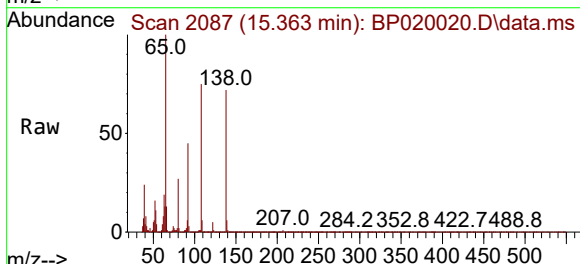
Instrument :
BNA_P
ClientSampleId :

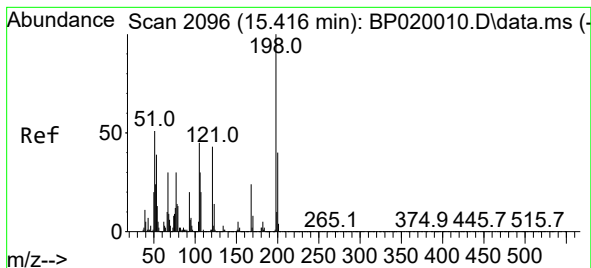
Tgt Ion:204 Resp: 465689
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 56.5 47.8 71.6



#63
4-Nitroaniline
Concen: 52.033 ng/ul
RT: 15.363 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:138 Resp: 163673
Ion Ratio Lower Upper
138 100
92 62.8 51.0 76.6
108 104.2 74.7 112.1

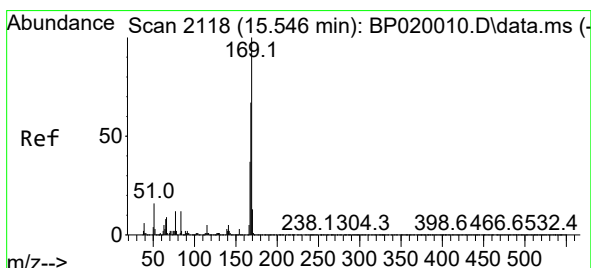
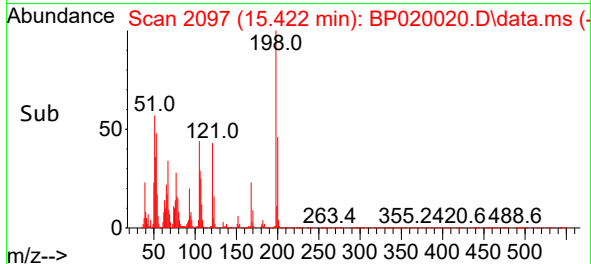
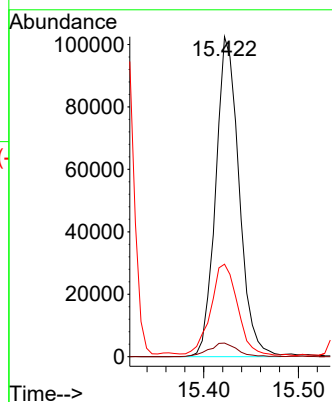
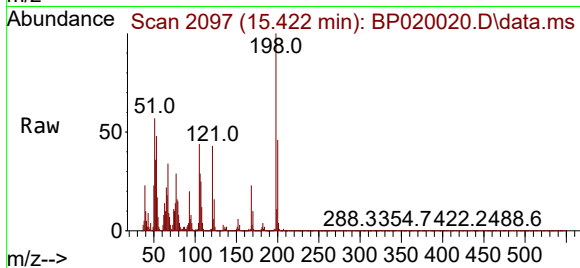




#66
4,6-Dinitro-2-methylphenol
Concen: 47.064 ng/ul
RT: 15.422 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

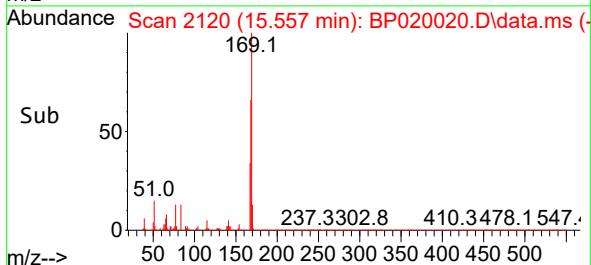
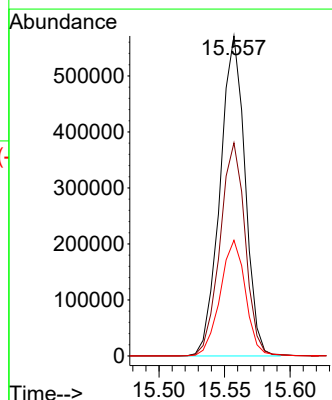
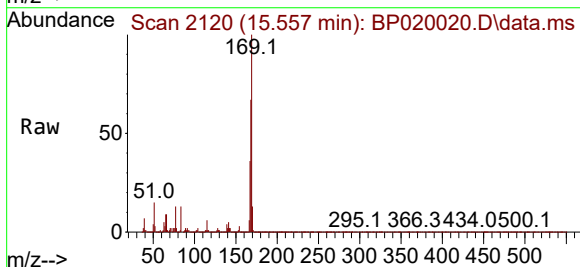
Instrument :
BNA_P
ClientSampleId :

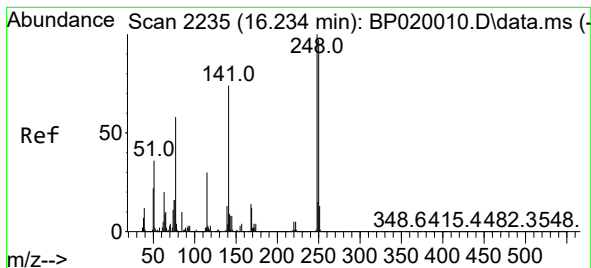
Tgt Ion:198 Resp: 176190
Ion Ratio Lower Upper
198 100
182 4.2 3.6 5.4
77 28.9 22.1 33.1



#67
N-Nitrosodiphenylamine
Concen: 46.408 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:169 Resp: 755413
Ion Ratio Lower Upper
169 100
168 66.6 52.5 78.7
167 36.1 28.0 42.0

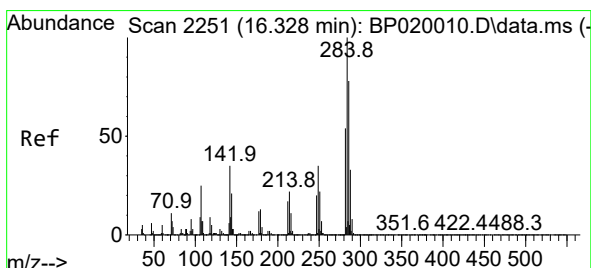
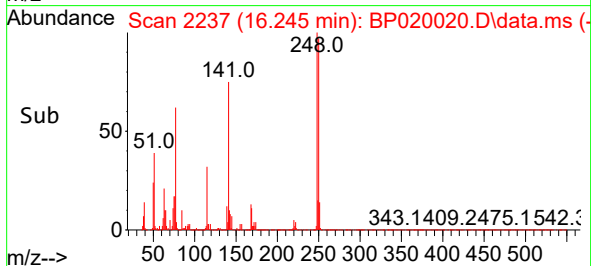
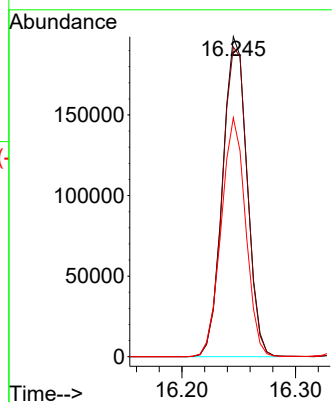
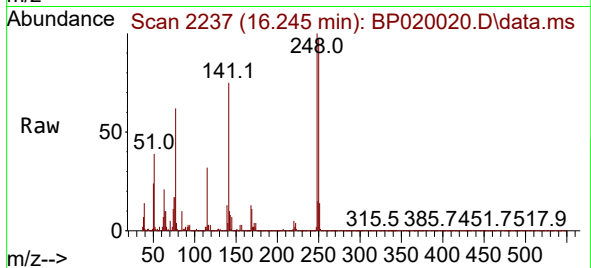




#68
4-Bromophenyl-phenylether
Concen: 46.526 ng/ul
RT: 16.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

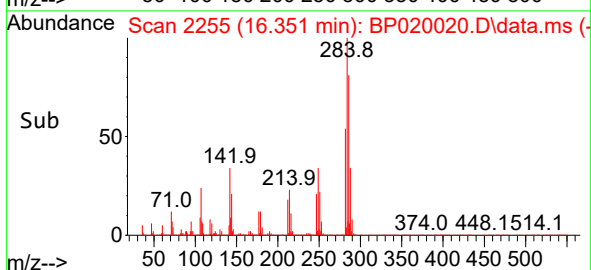
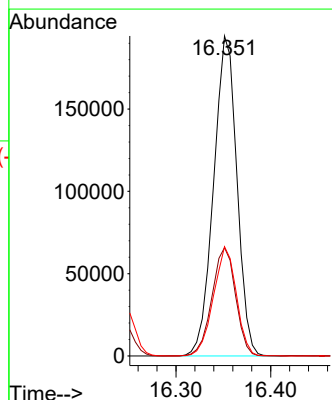
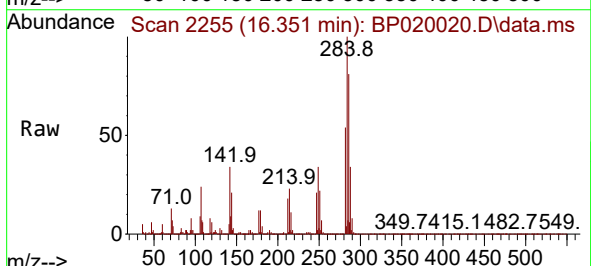
Instrument :
BNA_P
ClientSampleId :

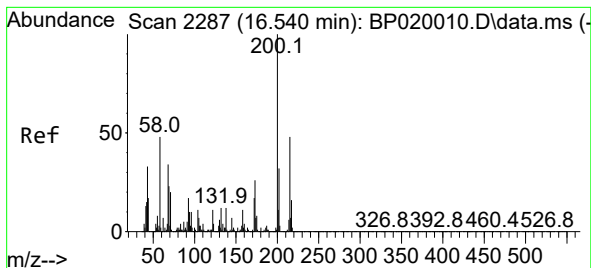
Tgt Ion:248 Resp: 297567
Ion Ratio Lower Upper
248 100
250 96.8 76.3 114.5
141 74.7 56.8 85.2



#69
Hexachlorobenzene
Concen: 46.779 ng/ul
RT: 16.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BP020020.D
Acq: 28 Mar 2024 21:39

Tgt Ion:284 Resp: 332220
Ion Ratio Lower Upper
284 100
142 33.9 28.2 42.2
249 34.1 27.5 41.3





#70

Atrazine

Concen: 48.236 ng/ul

RT: 16.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

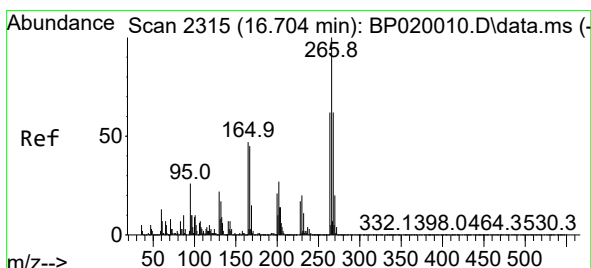
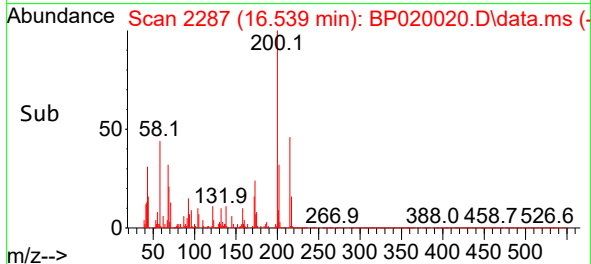
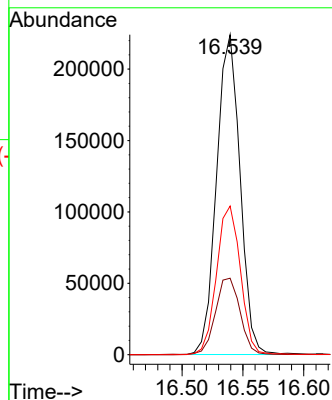
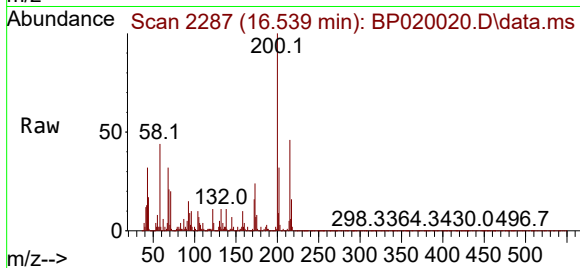
Tgt Ion:200 Resp: 300825

Ion Ratio Lower Upper

200 100

173 23.9 19.0 28.6

215 46.5 37.4 56.0



#71

Pentachlorophenol

Concen: 46.806 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

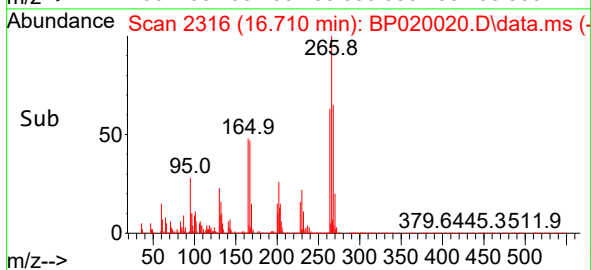
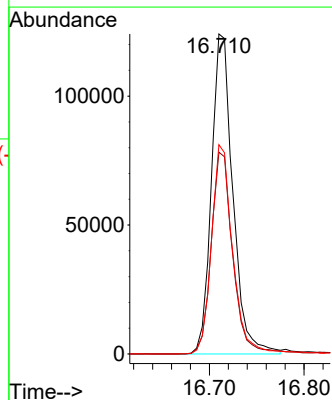
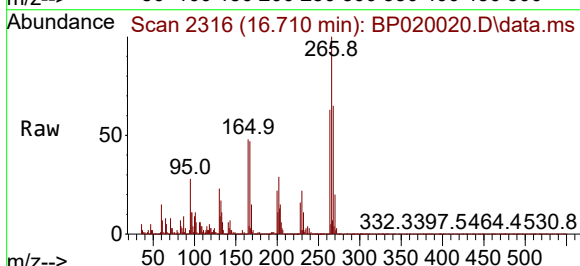
Tgt Ion:266 Resp: 194860

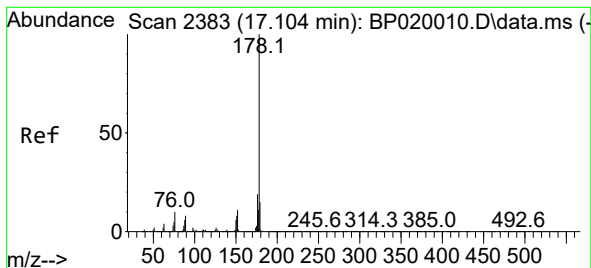
Ion Ratio Lower Upper

266 100

264 63.1 49.9 74.9

268 65.4 52.5 78.7





#72

Phenanthrene

Concen: 46.802 ng/ul

RT: 17.122 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

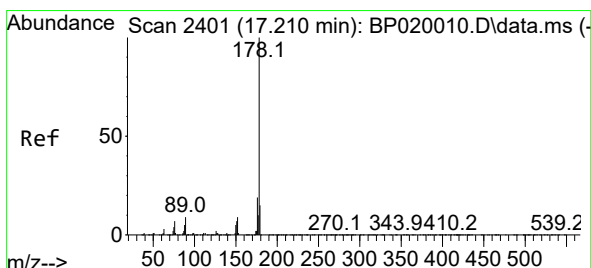
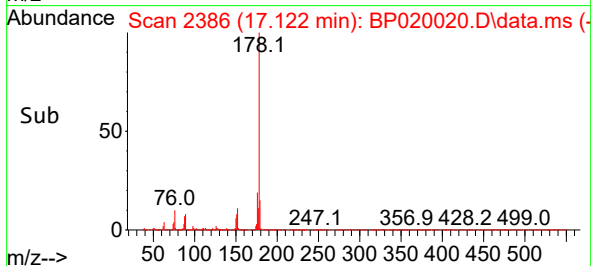
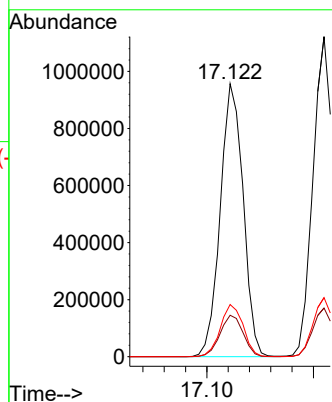
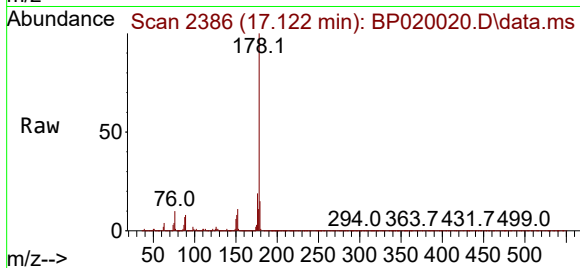
Tgt Ion:178 Resp: 1425988

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.1 15.3 22.9



#74

Anthracene

Concen: 48.008 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

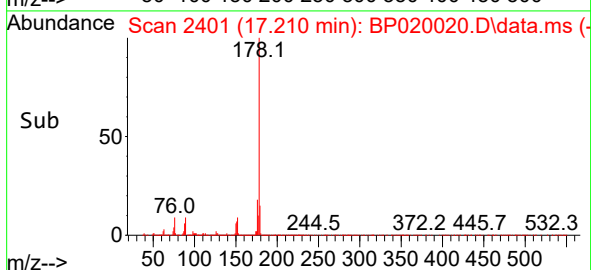
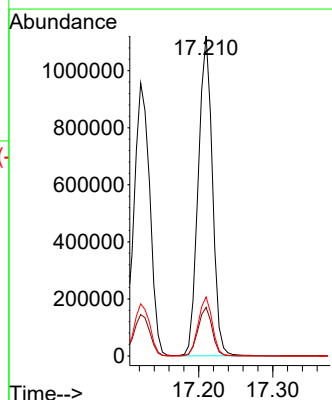
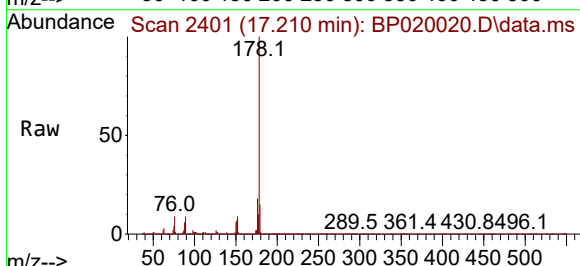
Tgt Ion:178 Resp: 1485213

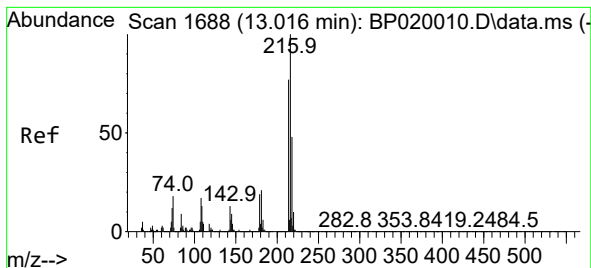
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.5 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.627 ng/uL

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

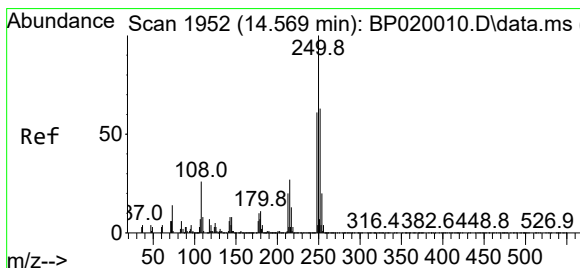
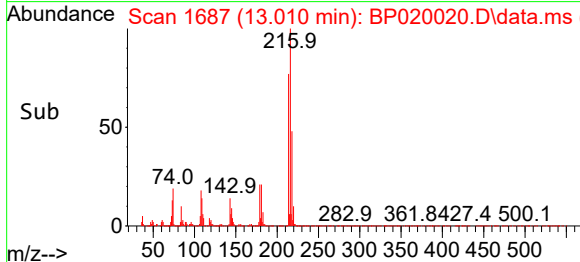
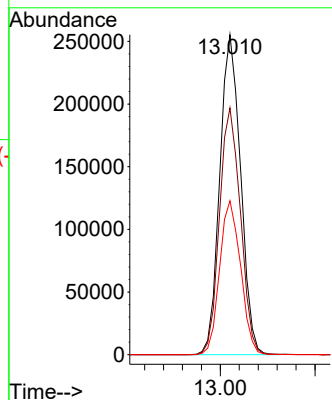
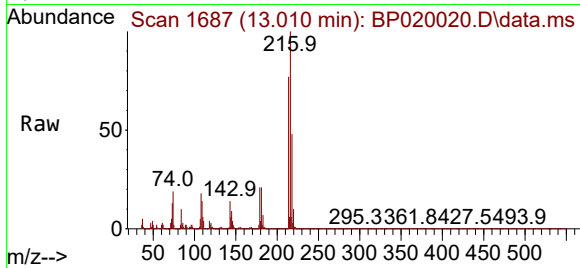
Tgt Ion:216 Resp: 390347

Ion Ratio Lower Upper

216 100

214 77.1 62.2 93.4

218 48.1 39.9 59.9



#76

Pentachlorobenzene

Concen: 43.036 ng/uL

RT: 14.557 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

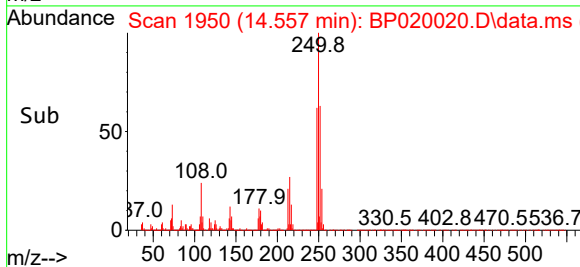
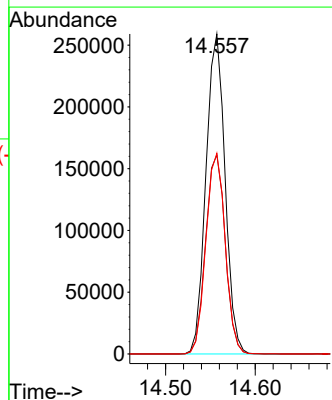
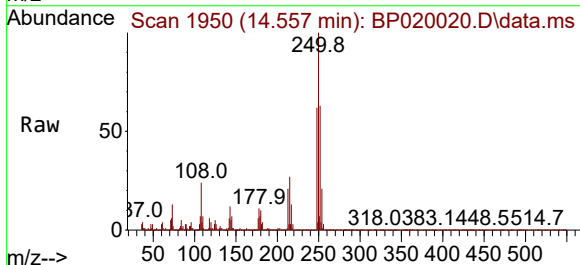
Tgt Ion:250 Resp: 382934

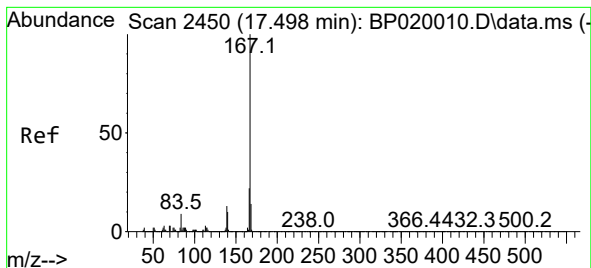
Ion Ratio Lower Upper

250 100

248 62.2 51.3 76.9

252 62.7 51.1 76.7





#77

Carbazole

Concen: 49.357 ng/ul

RT: 17.510 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

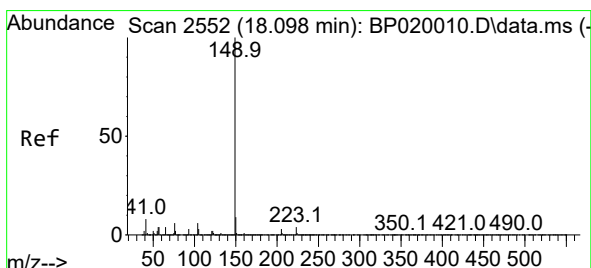
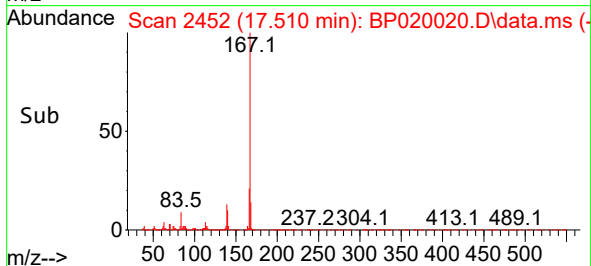
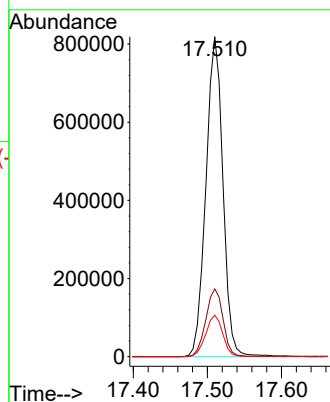
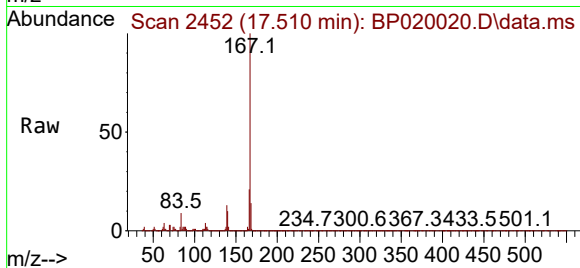
Tgt Ion:167 Resp: 1305691

Ion Ratio Lower Upper

167 100

166 21.2 16.8 25.2

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 50.073 ng/ul

RT: 18.092 min Scan# 2551

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

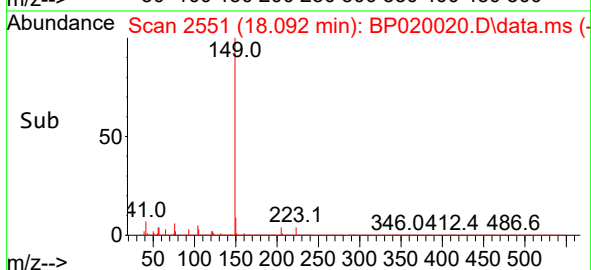
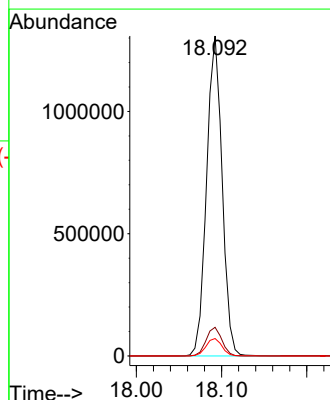
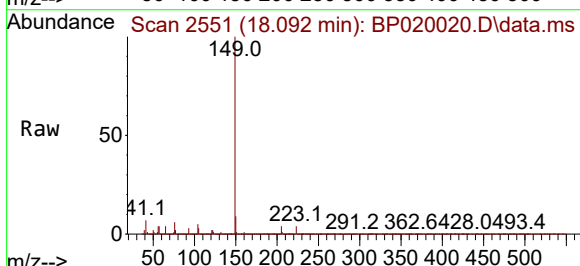
Tgt Ion:149 Resp: 1653963

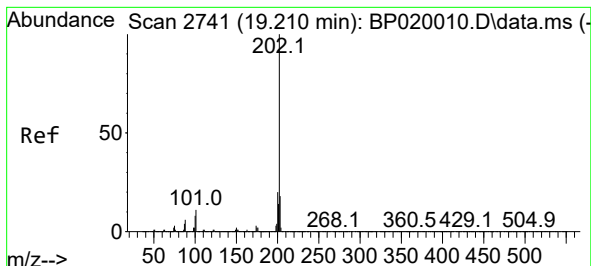
Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.6

104 5.5 4.2 6.4





#80

Fluoranthene

Concen: 47.839 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

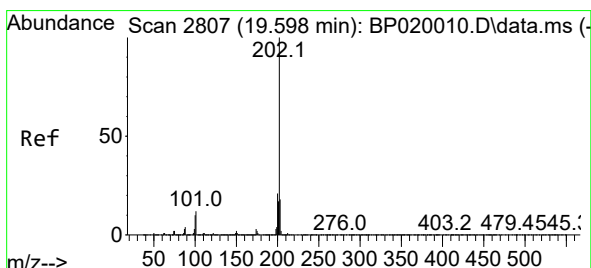
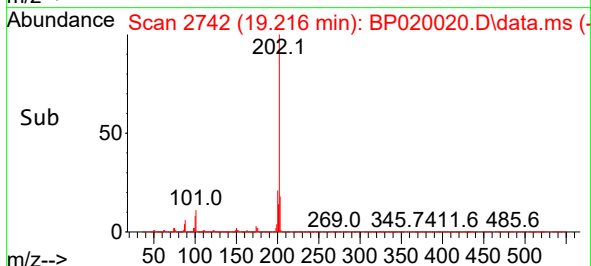
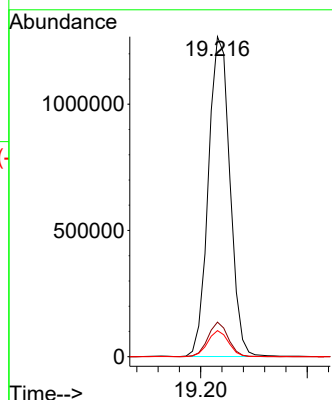
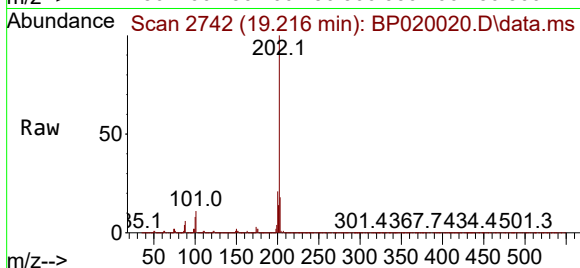
Tgt Ion:202 Resp: 1782872

Ion Ratio Lower Upper

202 100

101 10.8 8.8 13.2

100 8.1 6.6 9.8



#82

Pyrene

Concen: 46.820 ng/ul

RT: 19.604 min Scan# 2808

Delta R.T. 0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

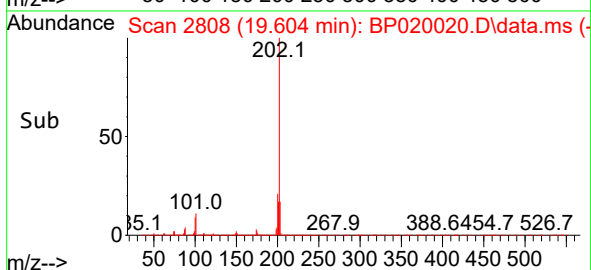
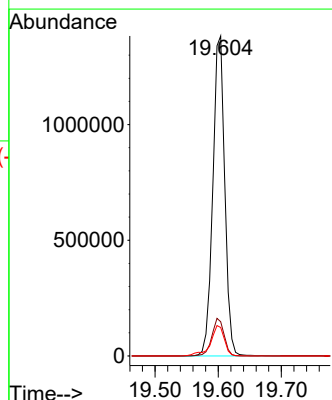
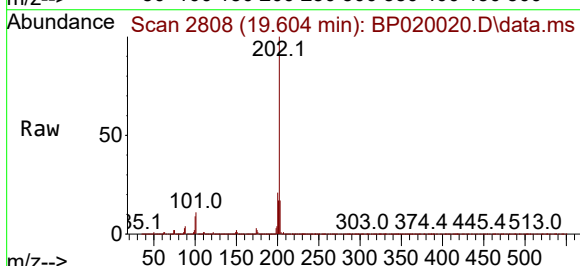
Tgt Ion:202 Resp: 1813504

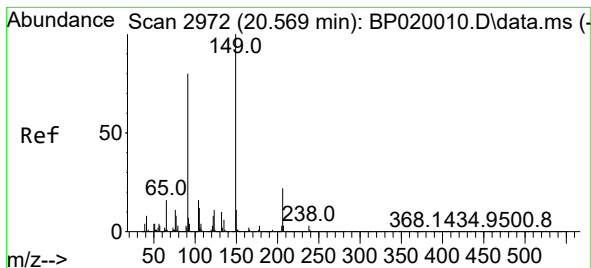
Ion Ratio Lower Upper

202 100

101 10.7 9.4 14.2

100 8.9 7.7 11.5





#83

Butylbenzylphthalate

Concen: 46.205 ng/ul

RT: 20.575 min Scan# 2972

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

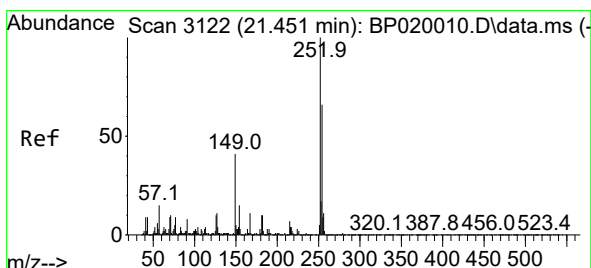
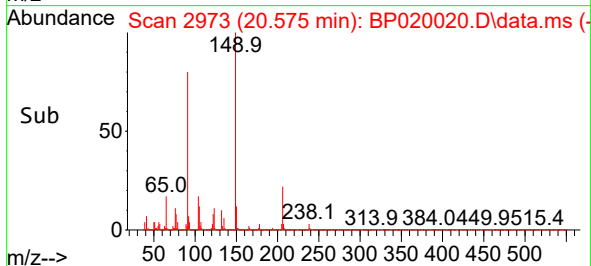
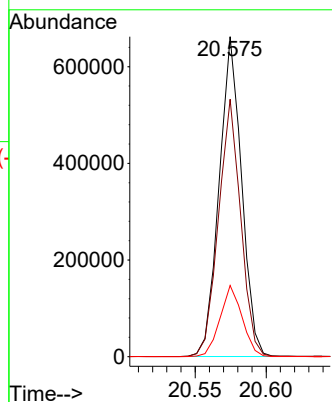
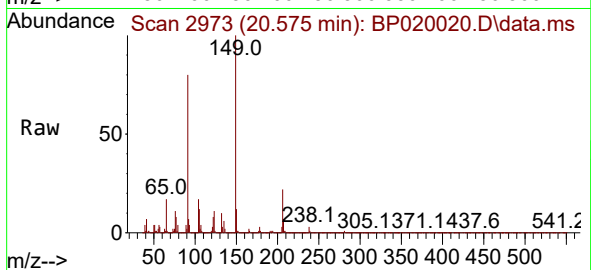
Tgt Ion:149 Resp: 726727

Ion Ratio Lower Upper

149 100

91 80.4 63.4 95.2

206 22.2 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 42.156 ng/ul

RT: 21.457 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

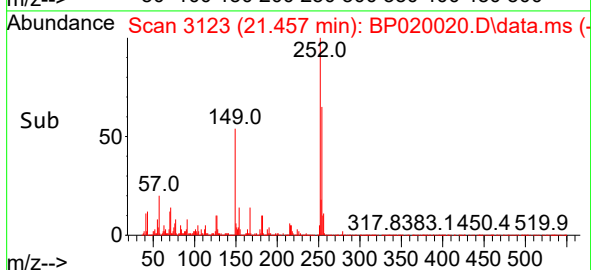
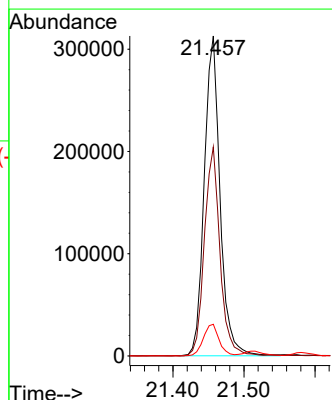
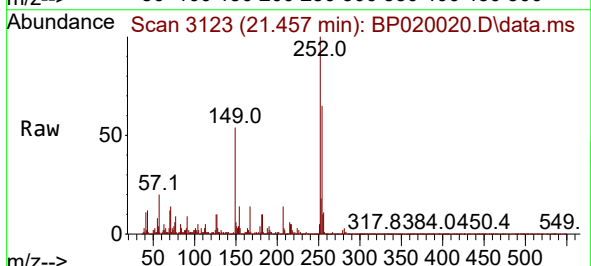
Tgt Ion:252 Resp: 484813

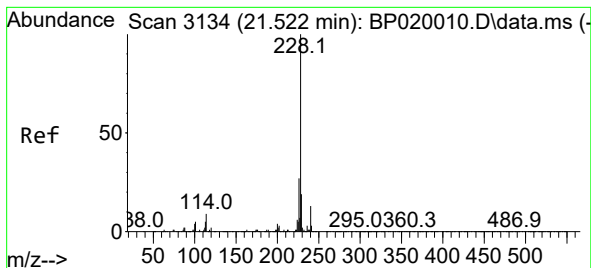
Ion Ratio Lower Upper

252 100

254 65.3 52.4 78.6

126 9.9 8.1 12.1





#85

Benzo(a)anthracene

Concen: 48.643 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

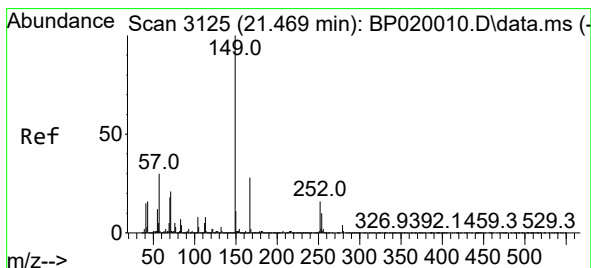
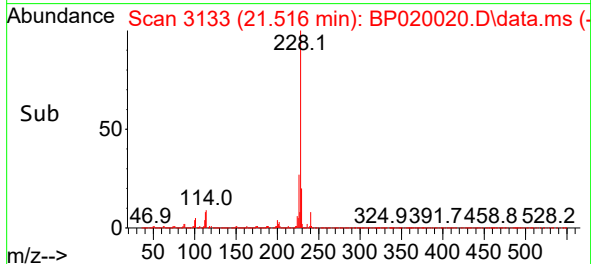
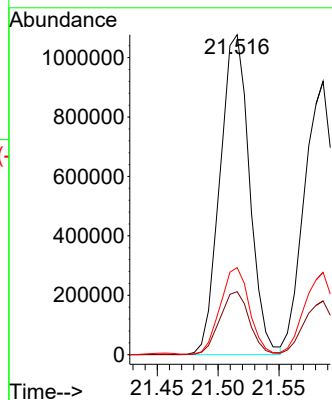
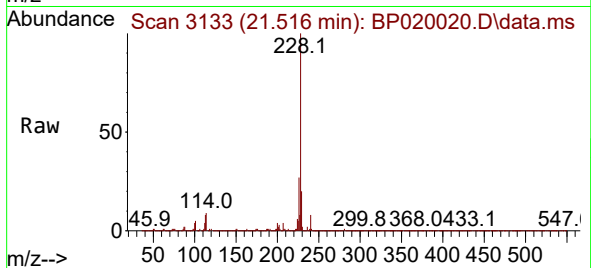
Tgt Ion:228 Resp: 1820388

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.2 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 46.517 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

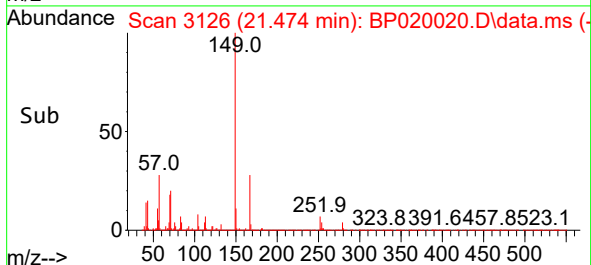
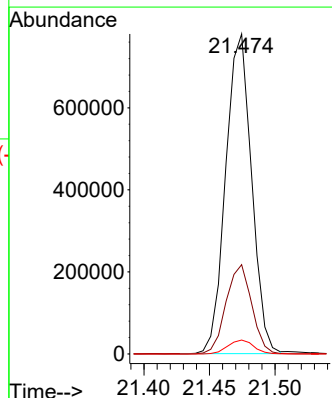
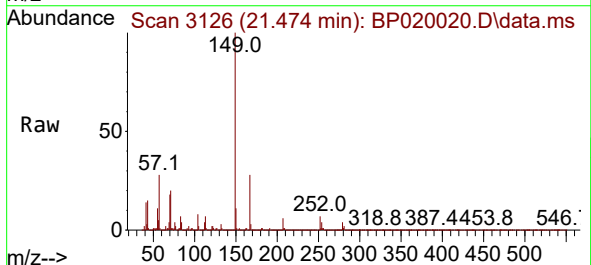
Tgt Ion:149 Resp: 1069049

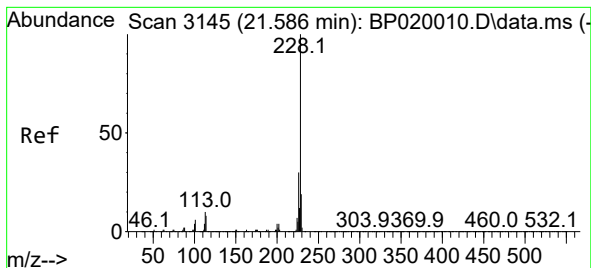
Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.6

279 4.4 3.6 5.4





#87

Chrysene

Concen: 47.935 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

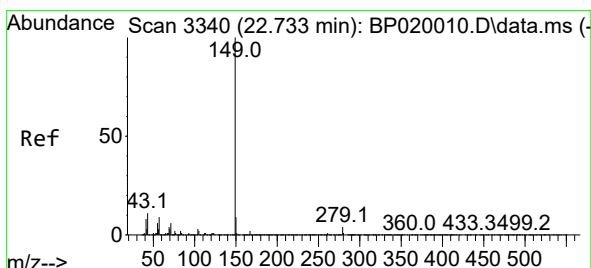
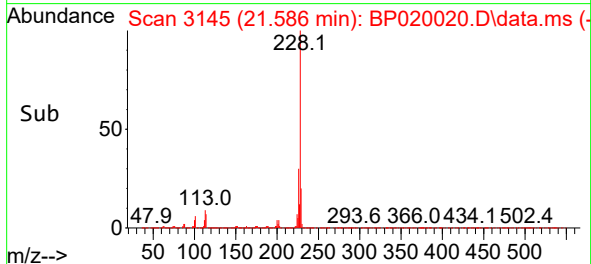
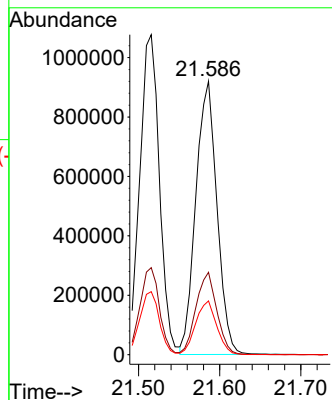
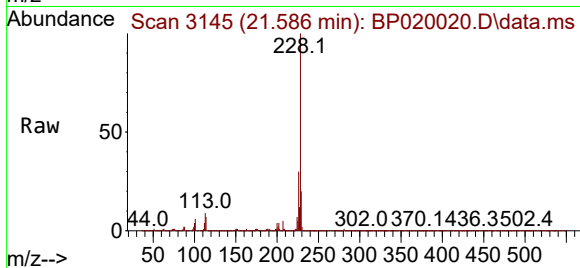
Tgt Ion:228 Resp: 1667813

Ion Ratio Lower Upper

228 100

226 30.1 23.2 34.8

229 19.6 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 47.383 ng/ul

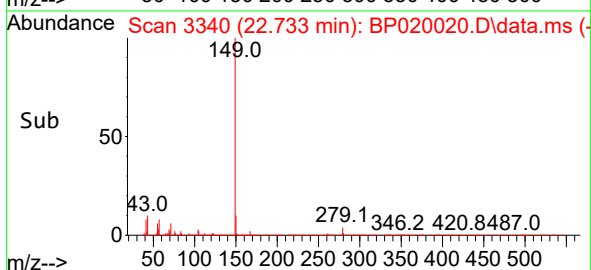
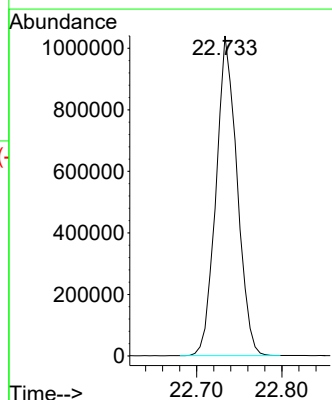
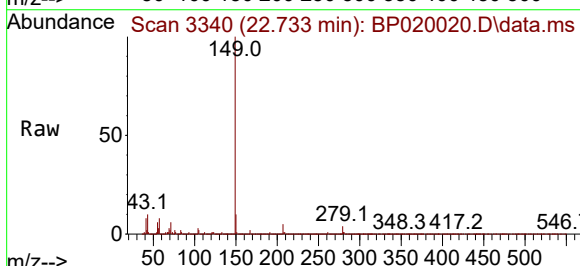
RT: 22.733 min Scan# 3340

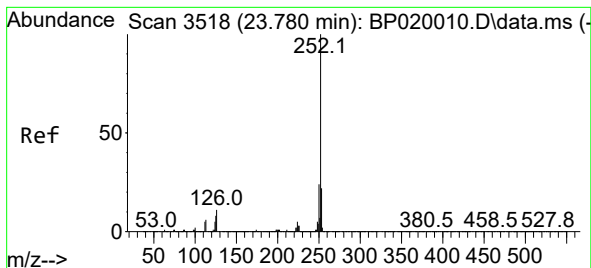
Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Tgt Ion:149 Resp: 1782030





#90

Benzo(b)fluoranthene

Concen: 50.168 ng/ul

RT: 23.786 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

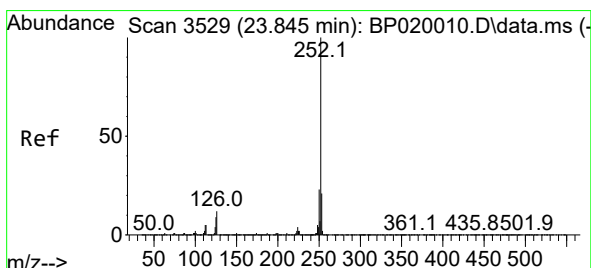
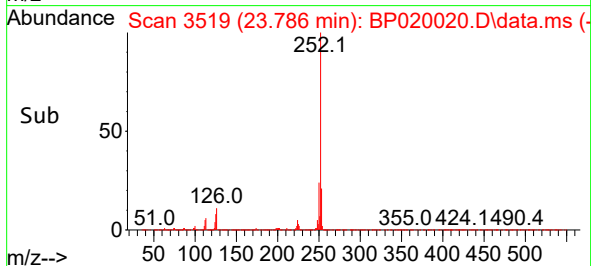
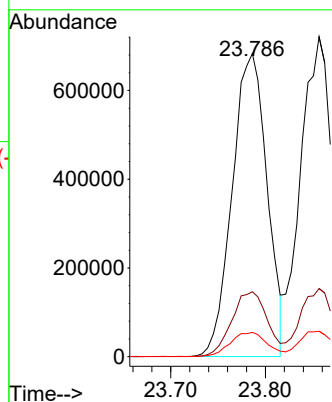
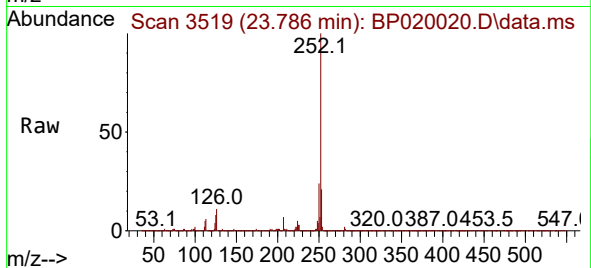
Tgt Ion:252 Resp: 1744157

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 8.0 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 49.962 ng/ul

RT: 23.857 min Scan# 3531

Delta R.T. -0.018 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

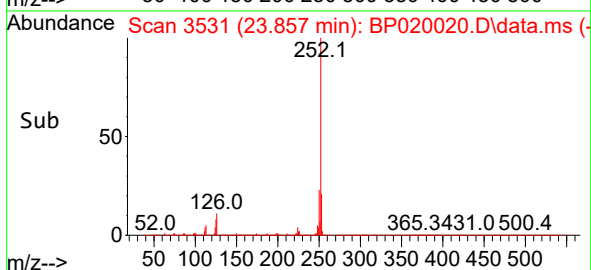
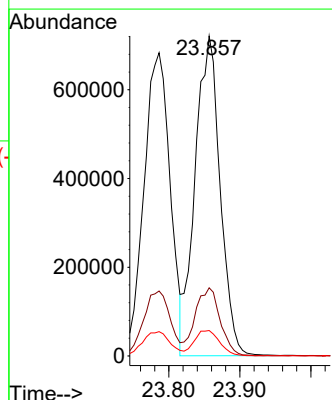
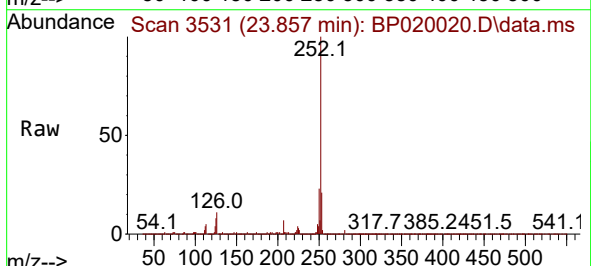
Tgt Ion:252 Resp: 1765160

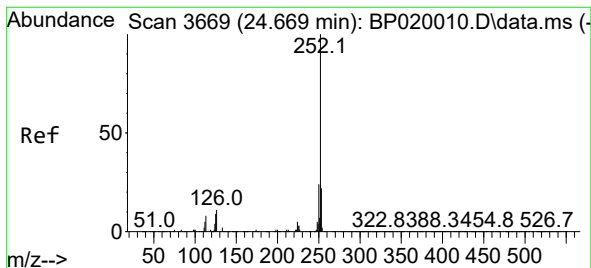
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 8.0 7.1 10.7





#93

Benzo(a)pyrene

Concen: 48.950 ng/ul

RT: 24.680 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

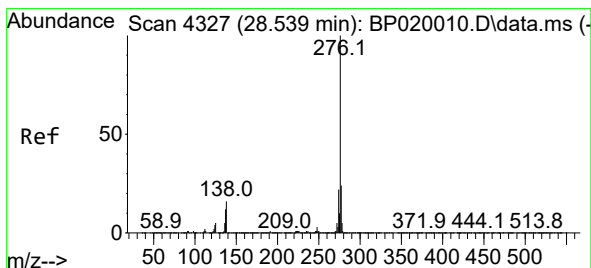
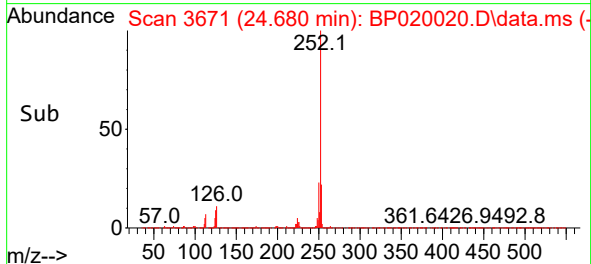
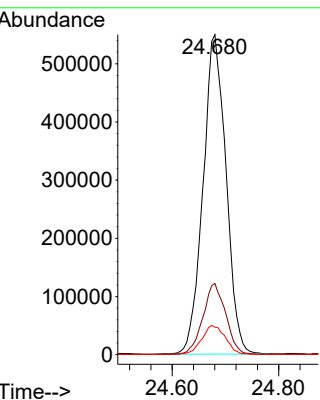
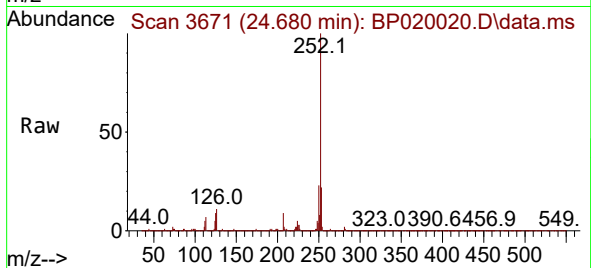
Tgt Ion:252 Resp: 1646121

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 8.6 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 26.759 ng/ul

RT: 28.545 min Scan# 4328

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

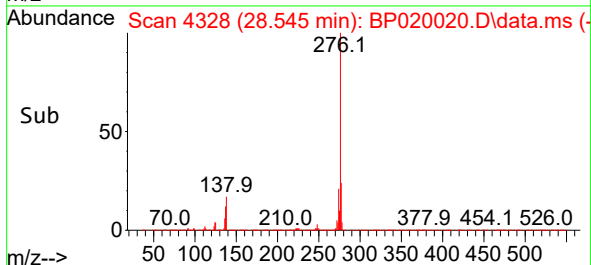
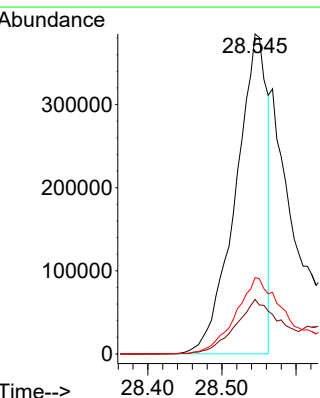
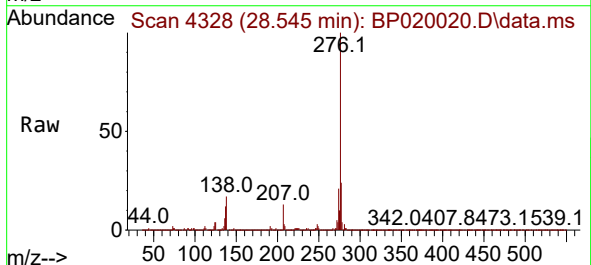
Tgt Ion:276 Resp: 1133433

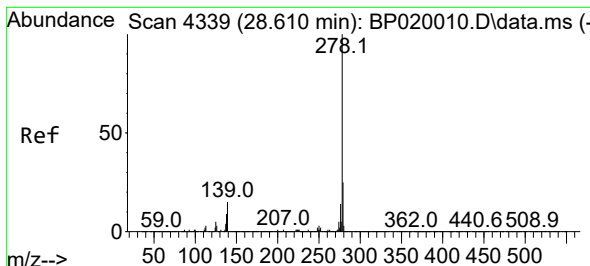
Ion Ratio Lower Upper

276 100

138 17.0 13.1 19.7

277 23.9 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 2.347 ng/ul

RT: 28.639 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Instrument :

BNA_P

ClientSampleId :

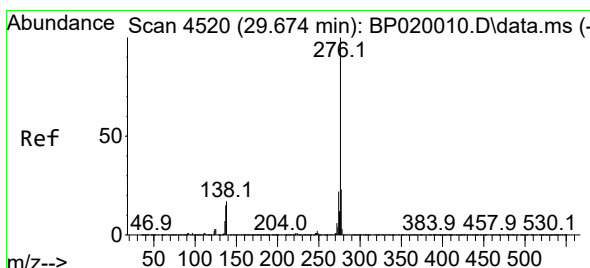
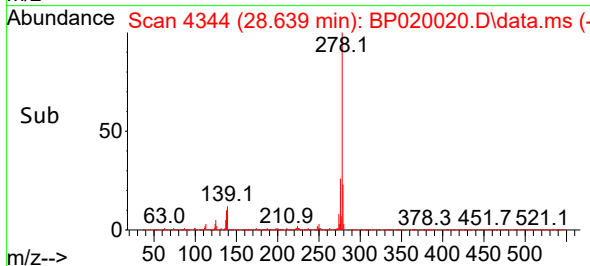
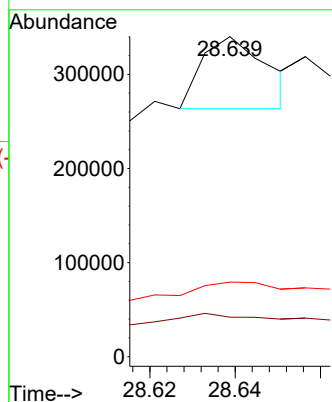
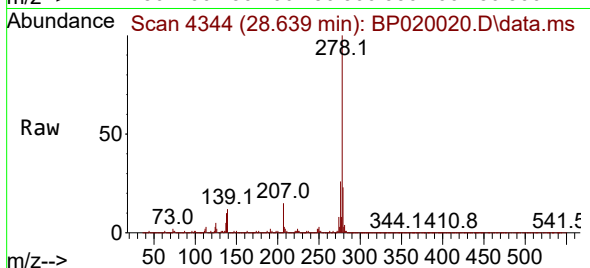
Tgt Ion:278 Resp: 80867

Ion Ratio Lower Upper

278 100

139 12.3 11.4 17.2

279 23.3 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 28.794 ng/ul

RT: 29.715 min Scan# 4527

Delta R.T. -0.006 min

Lab File: BP020020.D

Acq: 28 Mar 2024 21:39

Tgt Ion:276 Resp: 985145

Ion Ratio Lower Upper

276 100

138 17.9 15.5 23.3

277 24.0 18.8 28.2

