

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
 Data File : BP020886.D
 Acq On : 10 Jul 2024 18:52
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 10 22:51:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	188217	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	827818	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	574847	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1198300	20.000	ng/ul	-0.01
79) Chrysene-d12	21.627	240	857518	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	862339	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	33628	8.130	ng/uL	0.00
4) Pyridine-d5	3.670	84	247778	20.692	ng/ul	0.00
7) Phenol-d5	6.911	99	318626	20.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	215388	23.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	264918	20.954	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	270912	21.257	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	135061	21.006	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	156156	21.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	281814	21.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	378089	21.447	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	888892	21.271	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	980853	20.904	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	130185	21.896	ng/ul	0.00
60) Fluorene-d10	15.369	176	733983	21.410	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	148570	20.491	ng/ul	0.00
73) Anthracene-d10	17.269	188	1118993	21.025	ng/ul	0.00
81) Pyrene-d10	19.657	212	1225506	23.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	925285	21.756	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	35655	7.838	ng/uL	99
5) Pyridine	3.687	79	234347	18.974	ng/ul	98
6) Benzaldehyde	6.881	77	186995	24.172	ng/ul	99
8) Phenol	6.940	94	320749	20.657	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.158	93	260227	20.287	ng/ul	98
12) 2-Chlorophenol	7.293	128	267177	21.085	ng/ul	99
13) 2-Methylphenol	8.163	108	248643	20.706	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.228	45	384628	20.755	ng/ul	97
16) Acetophenone	8.540	105	437118	22.223	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.516	70	218294	21.180	ng/ul	99
18) 4-Methylphenol	8.487	108	272862	21.210	ng/ul	92
19) Hexachloroethane	8.775	117	115775	20.332	ng/ul	96
22) Nitrobenzene	8.910	77	308663	20.040	ng/ul	100
23) Isophorone	9.434	82	608172	19.862	ng/ul	100
25) 2-Nitrophenol	9.616	139	161323	21.019	ng/ul	97
26) 2,4-Dimethylphenol	9.681	107	280917	18.561	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.904	93	369308	19.842	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	268911	20.505	ng/ul	99
30) Naphthalene	10.540	128	878802	20.182	ng/ul	100
32) 4-Chloroaniline	10.657	127	367498	21.831	ng/ul	99
33) Hexachlorobutadiene	10.810	225	200885	20.429	ng/ul	99
34) Caprolactam	11.469	113	91968	22.764	ng/ul	98
35) 4-Chloro-3-methylphenol	11.799	107	310028	21.748	ng/ul	98
36) 2-Methylnaphthalene	12.157	142	639101	21.382	ng/ul	98

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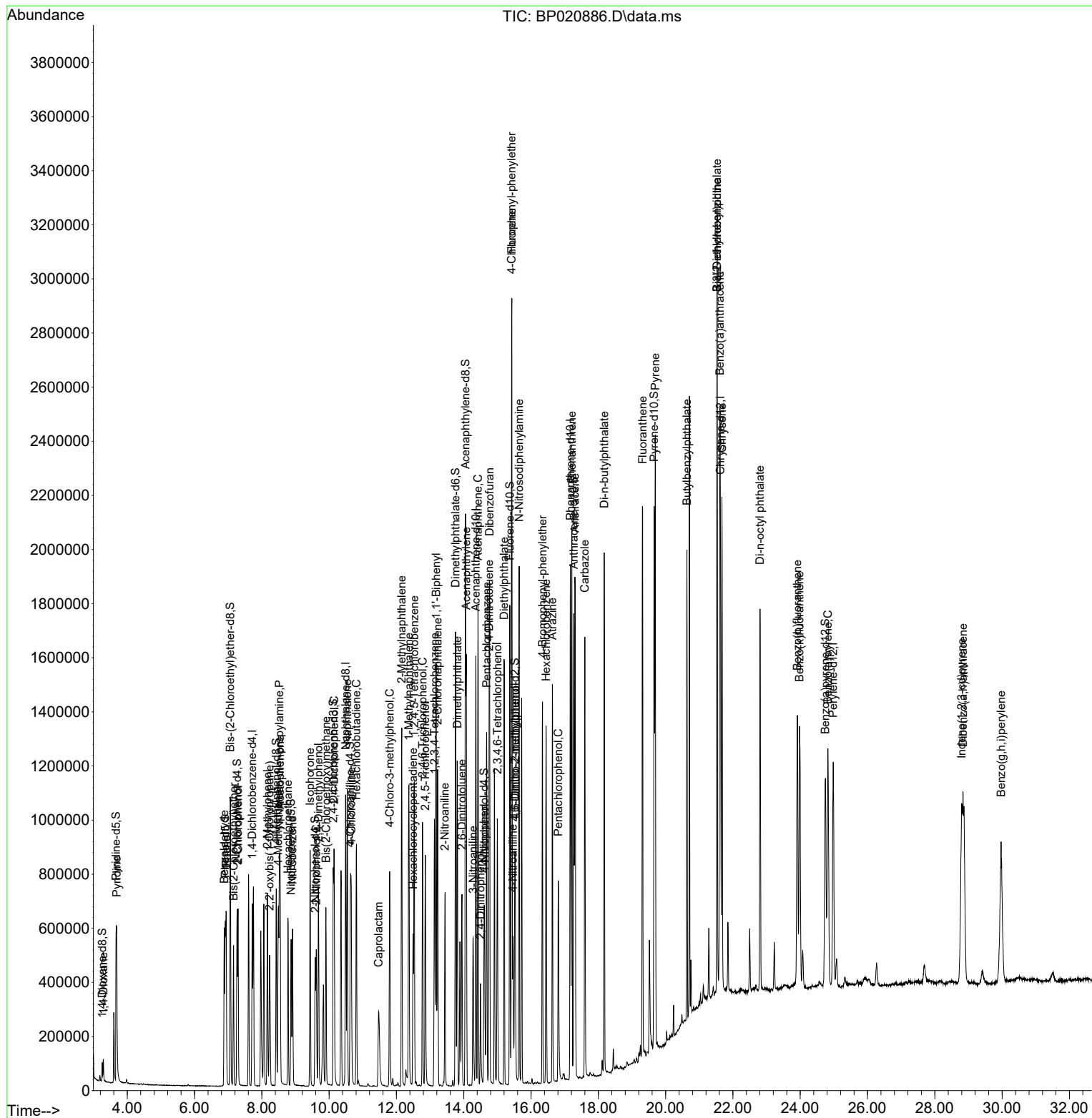
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	594175	19.328	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	376356	20.160	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	159566	16.339	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	240368	20.376	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	250476	20.069	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	849318	20.217	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	653462	19.484	ng/ul	99
45) 2-Nitroaniline	13.440	65	194919	21.016	ng/ul	99
47) Dimethylphthalate	13.810	163	863910	20.375	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	187648	22.136	ng/ul	100
50) Acenaphthylene	14.075	152	1039340	19.563	ng/ul	99
51) 3-Nitroaniline	14.281	138	180530	24.473	ng/ul	96
52) Acenaphthene	14.422	153	712452	20.205	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	91192	20.484	ng/ul	98
55) 4-Nitrophenol	14.616	109	101306	20.946	ng/ul	95
56) Dibenzofuran	14.763	168	1000651	20.723	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	252534	21.701	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.998	232	233265	21.825	ng/ul	98
59) Diethylphthalate	15.204	149	866787	20.455	ng/ul	99
61) Fluorene	15.428	166	808727	20.524	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	424920	19.873	ng/ul	100
63) 4-Nitroaniline	15.463	138	165060	27.019	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	155989	20.288	ng/ul	100
67) N-Nitrosodiphenylamine	15.645	169	705474	20.217	ng/ul	100
68) 4-Bromophenyl-phenylether	16.339	248	269556	19.192	ng/ul	99
69) Hexachlorobenzene	16.445	284	313602	19.473	ng/ul	99
70) Atrazine	16.634	200	269830	21.217	ng/ul	100
71) Pentachlorophenol	16.810	266	172058	19.671	ng/ul	98
72) Phenanthrene	17.210	178	1246027	20.045	ng/ul	100
74) Anthracene	17.304	178	1275111	20.121	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	366256	19.096	ng/uL	99
76) Pentachlorobenzene	14.681	250	358555	18.814	ng/uL	99
77) Carbazole	17.598	167	1106209	21.353	ng/ul	100
78) Di-n-butylphthalate	18.175	149	1447554	20.253	ng/ul	100
80) Fluoranthene	19.316	202	1407192	21.979	ng/ul	99
82) Pyrene	19.692	202	1406383	21.587	ng/ul	99
83) Butylbenzylphthalate	20.633	149	569326	20.974	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	416430	21.252	ng/ul	99
85) Benzo(a)anthracene	21.610	228	1195161	19.896	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	768405	19.671	ng/ul	99
87) Chrysene	21.674	228	1119383	20.054	ng/ul	100
89) Di-n-octyl phthalate	22.804	149	1206874	21.186	ng/ul	100
90) Benzo(b)fluoranthene	23.916	252	1054197	20.145	ng/ul	98
91) Benzo(k)fluoranthene	23.980	252	1041931	19.951	ng/ul	99
93) Benzo(a)pyrene	24.821	252	1011081	20.446	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.798	276	1319515	20.707	ng/ul	99
95) Dibenzo(a,h)anthracene	28.839	278	349438	6.622	ng/ul	98
96) Benzo(g,h,i)perylene	29.968	276	569063	10.965	ng/ul	97

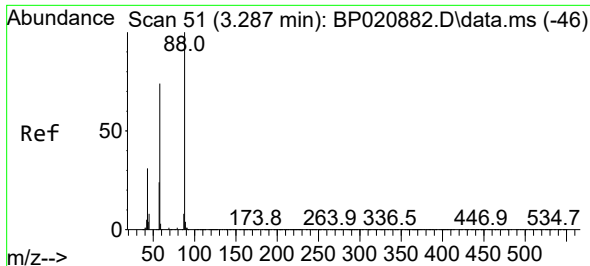
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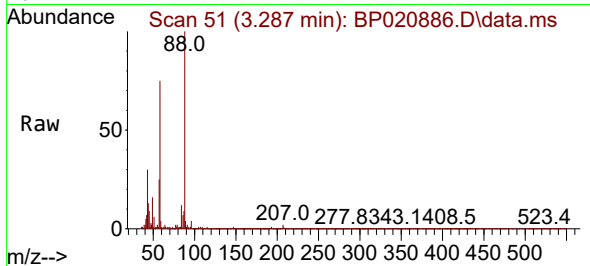
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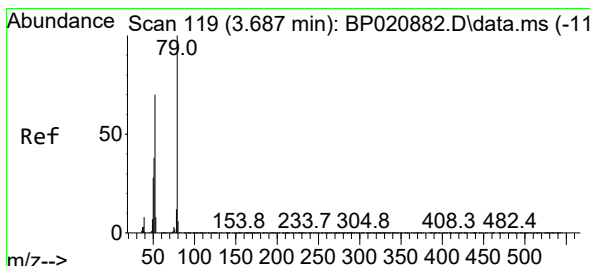
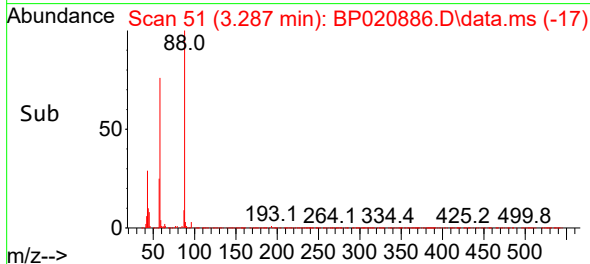
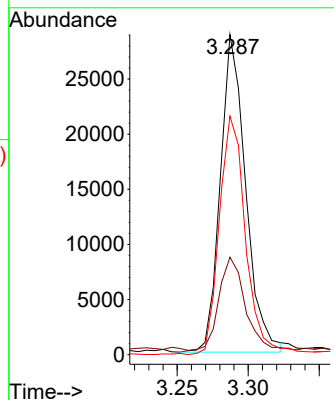


#2
1,4-Dioxane
Concen: 7.838 ng/uL
RT: 3.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Instrument :
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ClientSampleId :

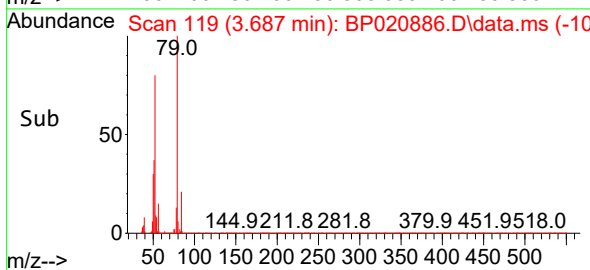
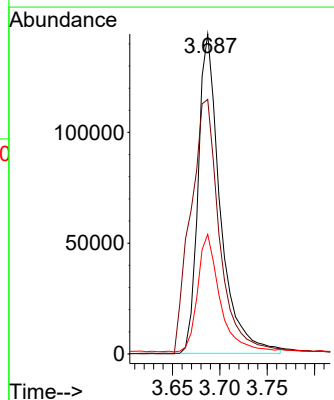
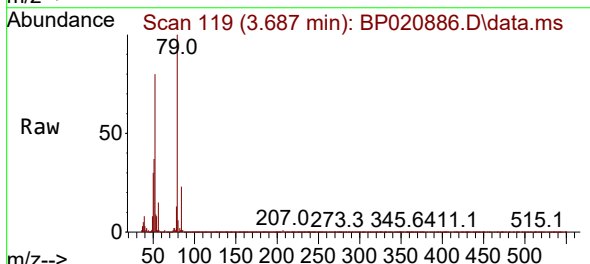


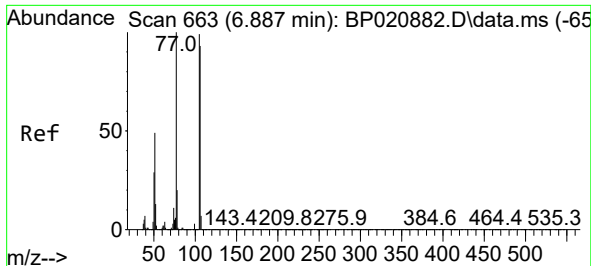
Tgt Ion: 88 Resp: 35655
Ion Ratio Lower Upper
88 100
43 30.4 25.4 38.0
58 74.6 59.2 88.8



#5
Pyridine
Concen: 18.974 ng/uL
RT: 3.687 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP020886.D
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Tgt Ion: 79 Resp: 234347
Ion Ratio Lower Upper
79 100
52 79.5 64.9 97.3
51 37.4 30.5 45.7

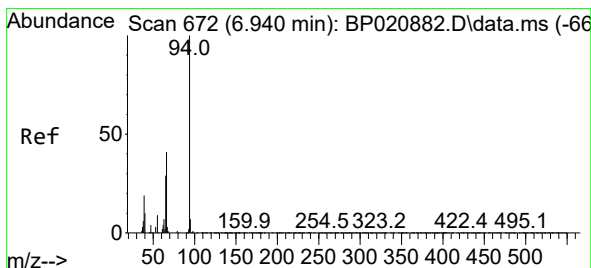
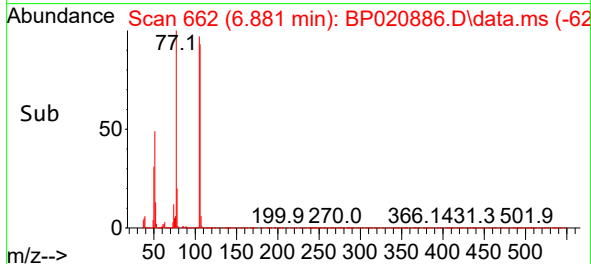
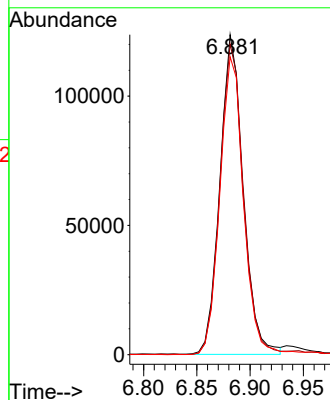
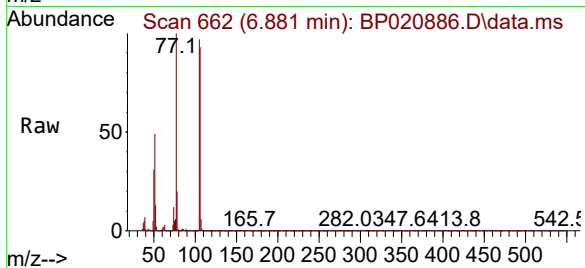




#6
Benzaldehyde
Concen: 24.172 ng/ul
RT: 6.881 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

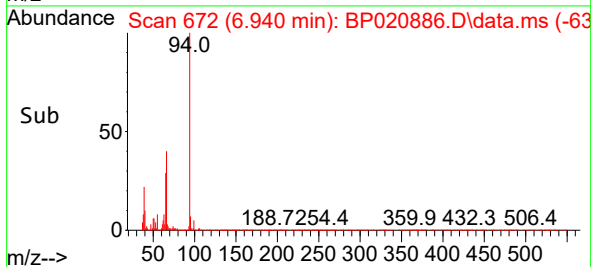
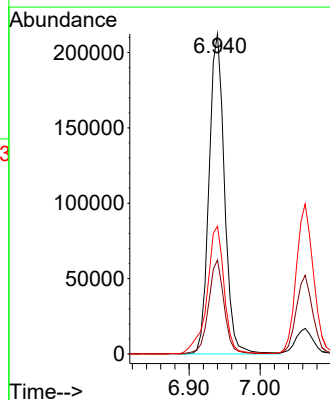
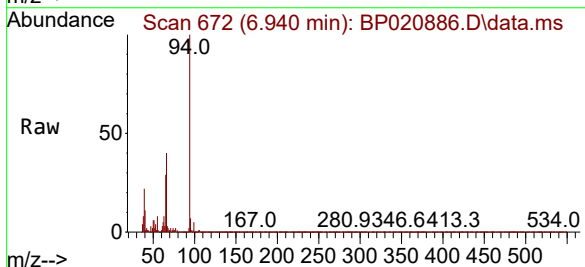
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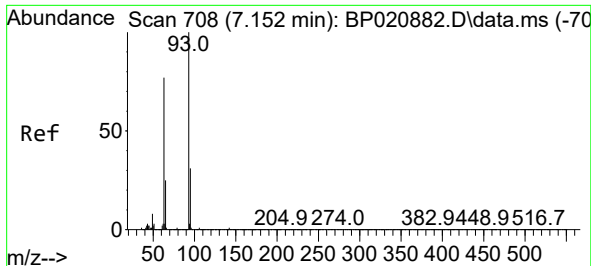
Tgt Ion: 77 Resp: 186995
Ion Ratio Lower Upper
77 100
105 97.1 79.3 118.9
106 93.1 74.6 112.0



#8
Phenol
Concen: 20.657 ng/ul
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

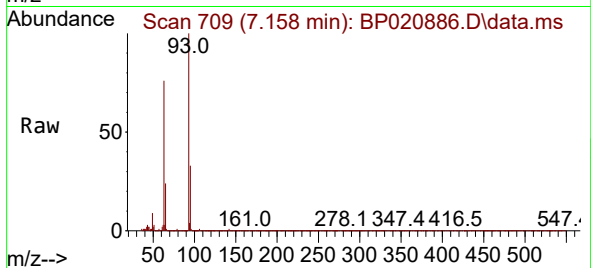
Tgt Ion: 94 Resp: 320749
Ion Ratio Lower Upper
94 100
65 29.4 23.4 35.0
66 39.9 33.9 50.9



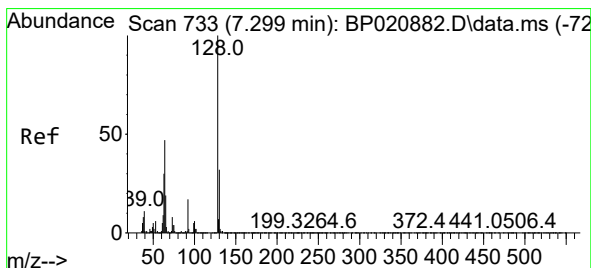
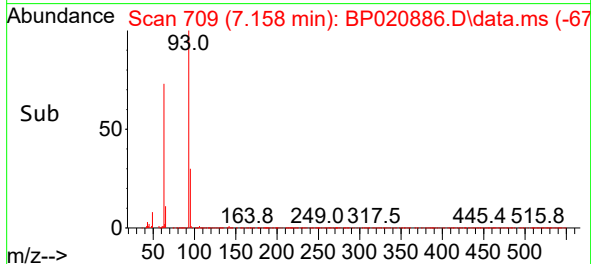
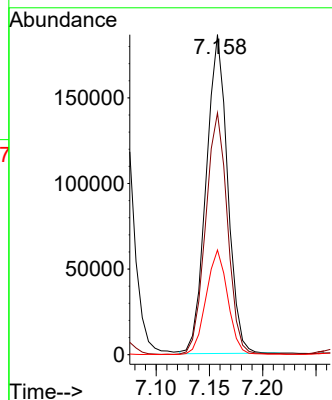


#10
Bis(2-Chloroethyl)ether
Concen: 20.287 ng/ul
RT: 7.158 min Scan# 709
Delta R.T. 0.006 min
Lab File: BP020886.D
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ClientSampleId :

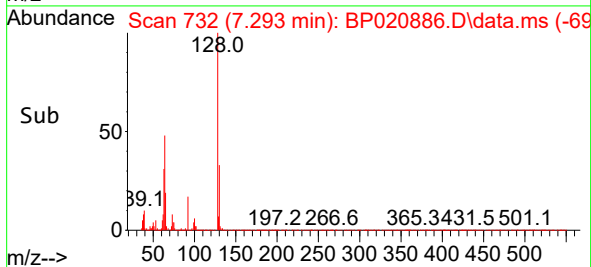
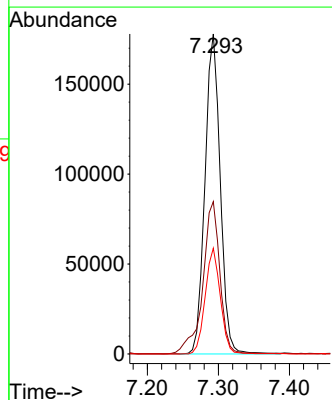
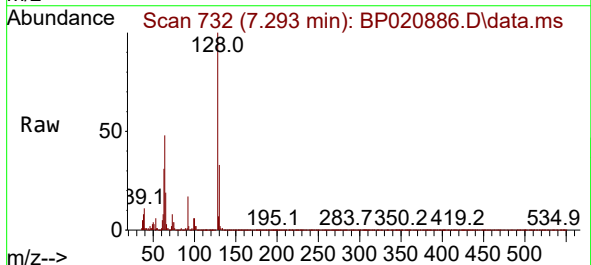


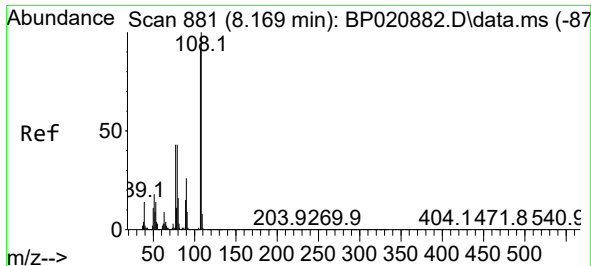
Tgt Ion: 93 Resp: 260227
Ion Ratio Lower Upper
93 100
63 75.6 61.5 92.3
95 32.7 25.1 37.7



#12
2-Chlorophenol
Concen: 21.085 ng/ul
RT: 7.293 min Scan# 732
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:128 Resp: 267177
Ion Ratio Lower Upper
128 100
64 47.6 37.9 56.9
130 33.1 25.6 38.4

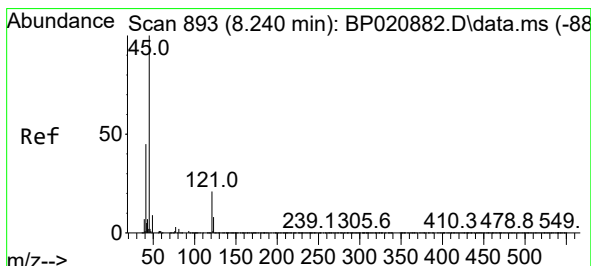
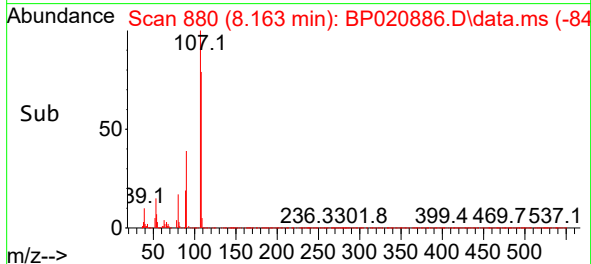
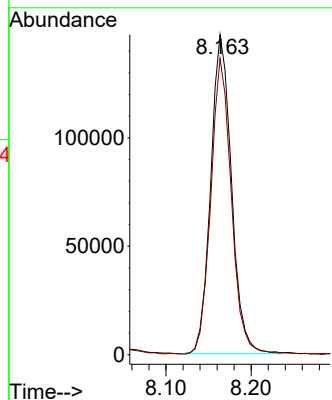
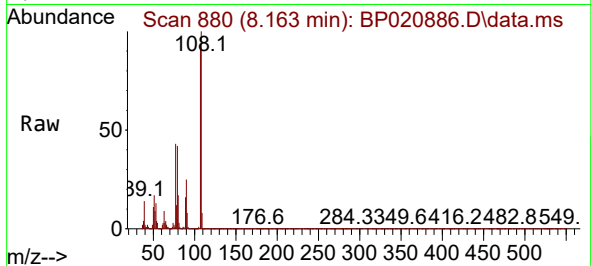




#13
2-Methylphenol
Concen: 20.706 ng/ul
RT: 8.163 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020886.D
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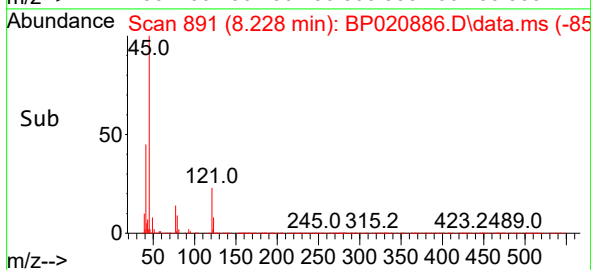
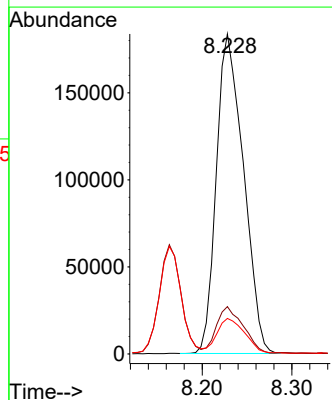
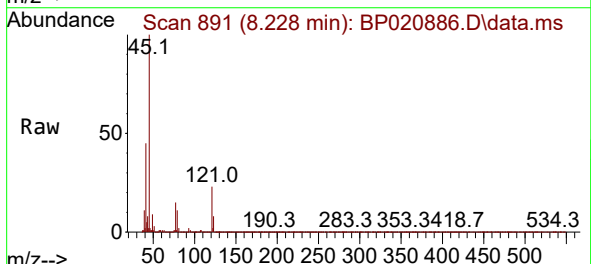
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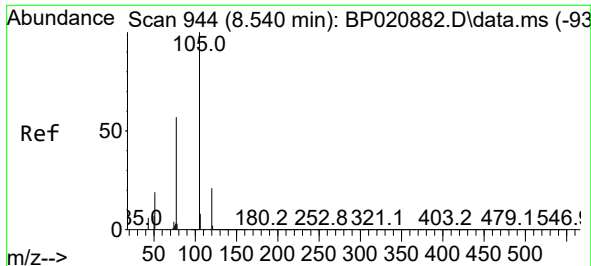
Tgt Ion:108 Resp: 248643
Ion Ratio Lower Upper
108 100
107 92.5 73.8 110.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.755 ng/ul
RT: 8.228 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion: 45 Resp: 384628
Ion Ratio Lower Upper
45 100
77 14.8 10.9 16.3
79 11.1 8.1 12.1

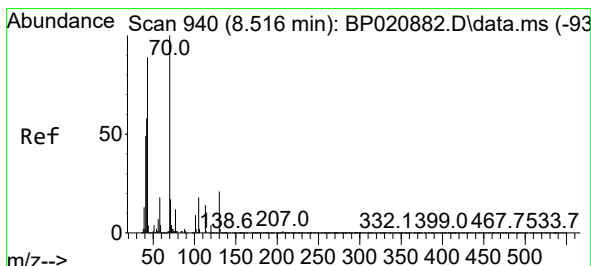
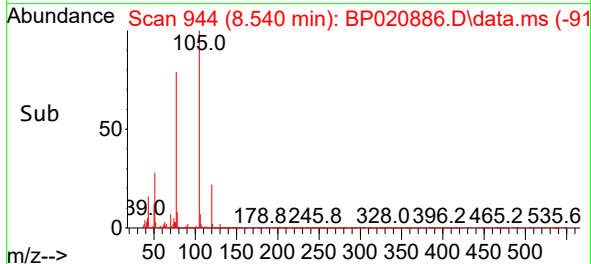
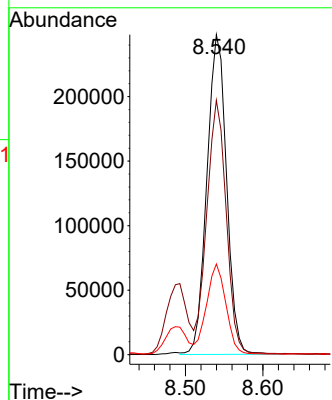
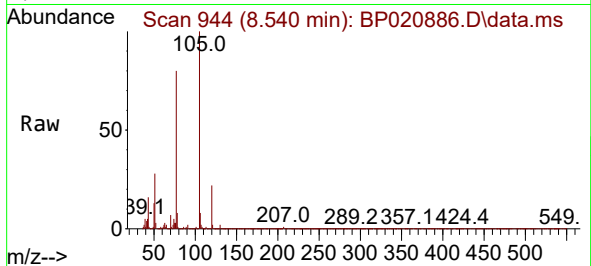




#16
Acetophenone
Concen: 22.223 ng/ul
RT: 8.540 min Scan# 944
Delta R.T. 0.000 min
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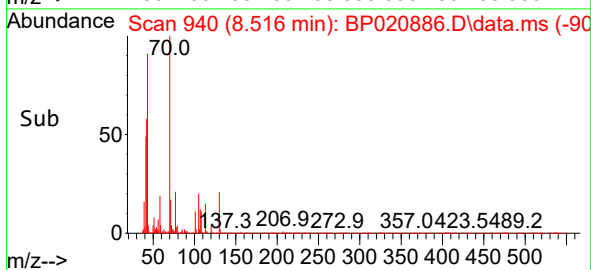
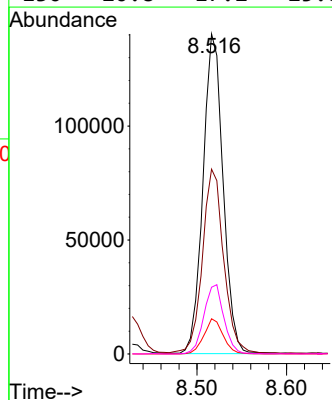
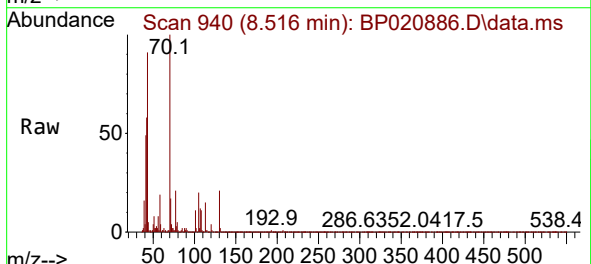
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BNA_P
ClientSampleId :

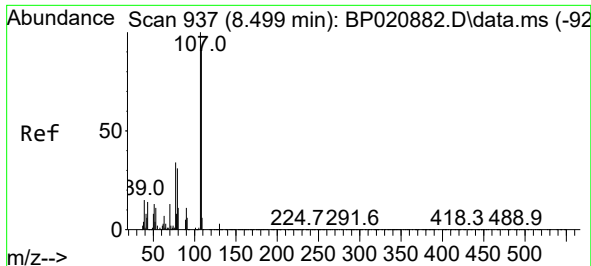
Tgt Ion:105 Resp: 437118
Ion Ratio Lower Upper
105 100
77 79.5 61.8 92.8
51 28.4 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 21.180 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion: 70 Resp: 218294
Ion Ratio Lower Upper
70 100
42 57.8 46.6 69.8
101 11.0 7.4 11.0
130 20.8 17.2 25.8

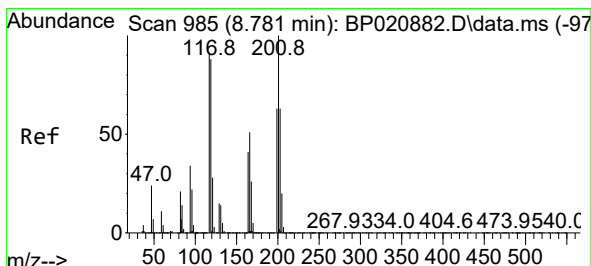
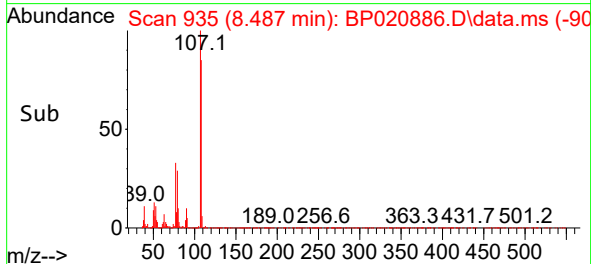
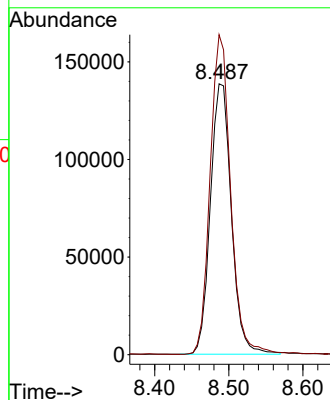
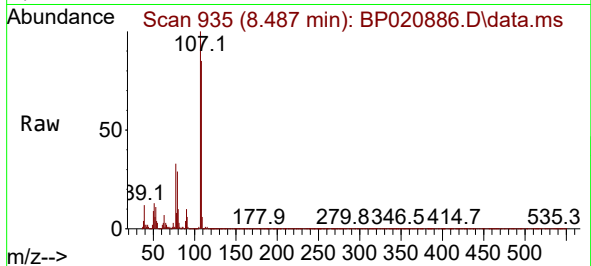




#18
4-Methylphenol
Concen: 21.210 ng/ul
RT: 8.487 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

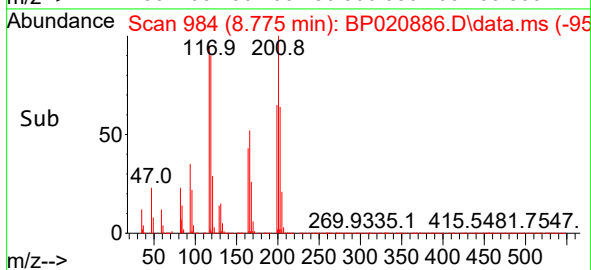
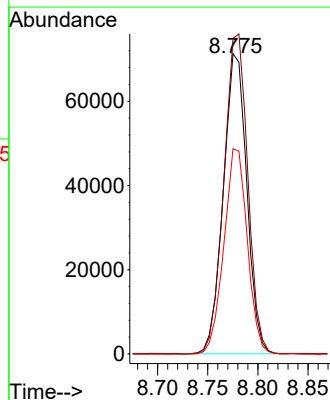
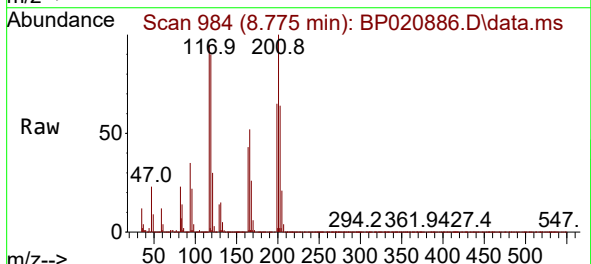
Instrument :
BNA_P
ClientSampleId :

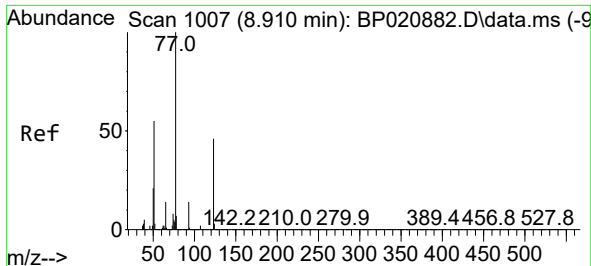
Tgt Ion:108 Resp: 272862
Ion Ratio Lower Upper
108 100
107 118.1 87.8 131.8



#19
Hexachloroethane
Concen: 20.332 ng/ul
RT: 8.775 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:117 Resp: 115775
Ion Ratio Lower Upper
117 100
201 105.0 88.2 132.2
199 68.3 55.8 83.6

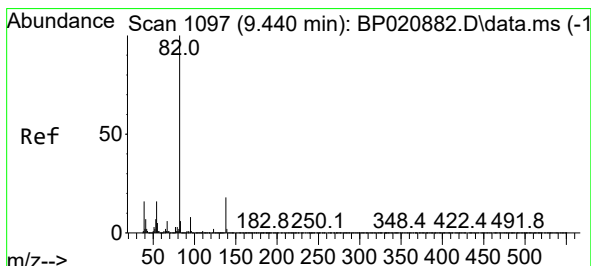
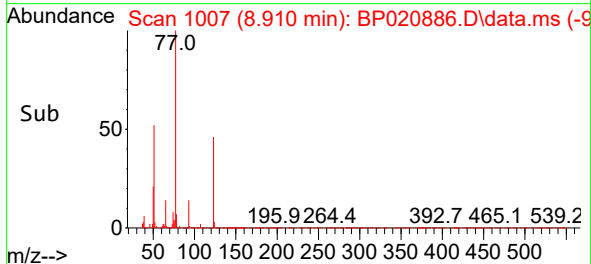
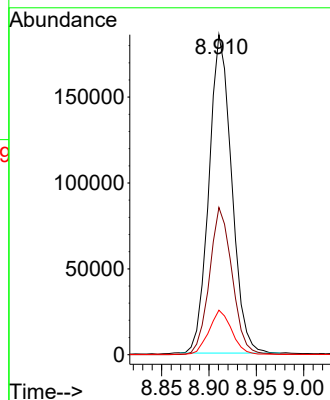
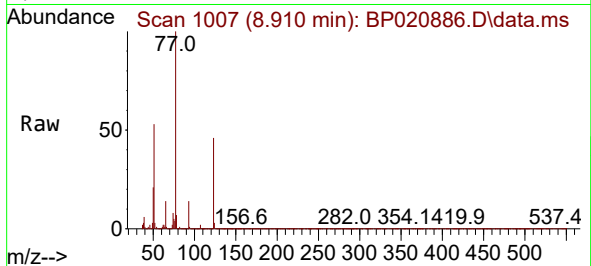




#22
Nitrobenzene
Concen: 20.040 ng/ul
RT: 8.910 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

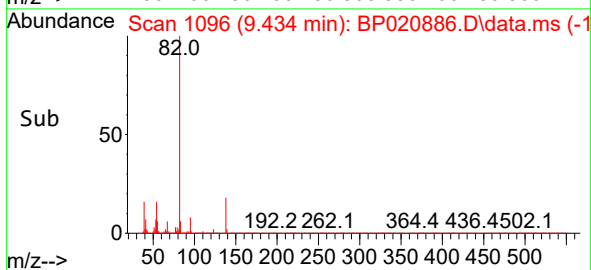
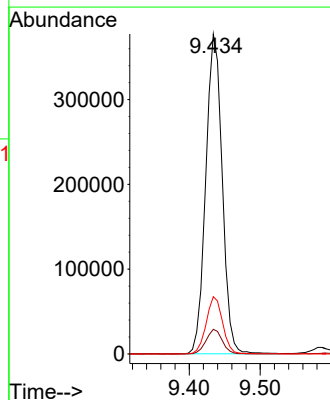
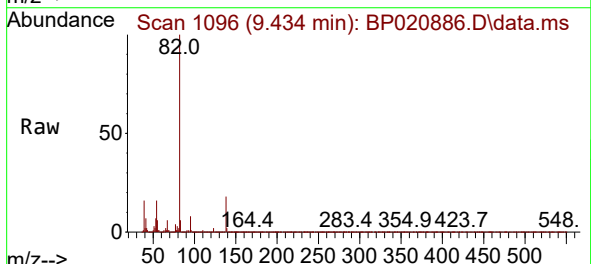
Instrument :
BNA_P
ClientSampleId :

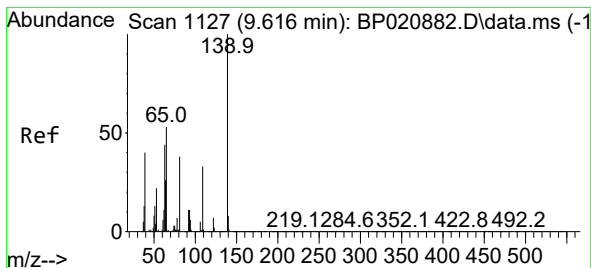
Tgt Ion: 77 Resp: 308663
Ion Ratio Lower Upper
77 100
123 46.0 36.7 55.1
65 13.9 11.1 16.7



#23
Isophorone
Concen: 19.862 ng/ul
RT: 9.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion: 82 Resp: 608172
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.9 14.4 21.6

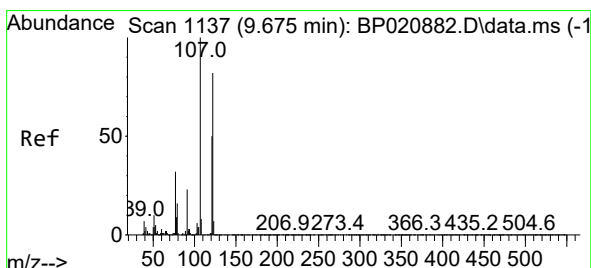
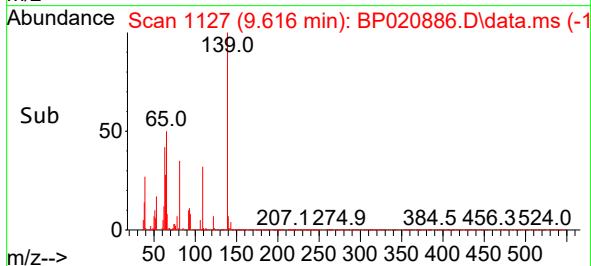
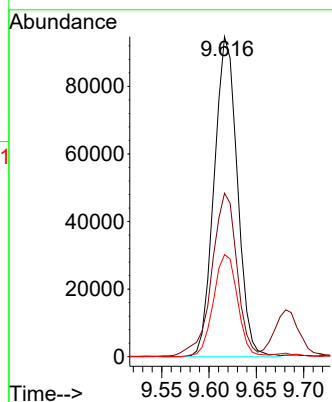
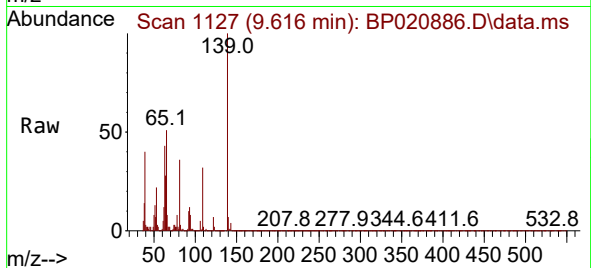




#25
2-Nitrophenol
Concen: 21.019 ng/ul
RT: 9.616 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

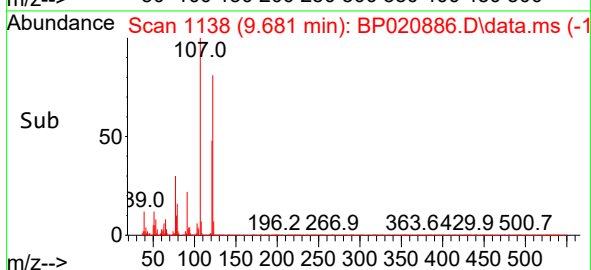
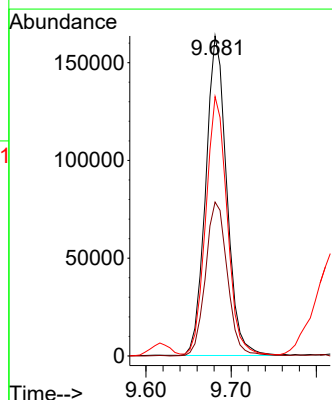
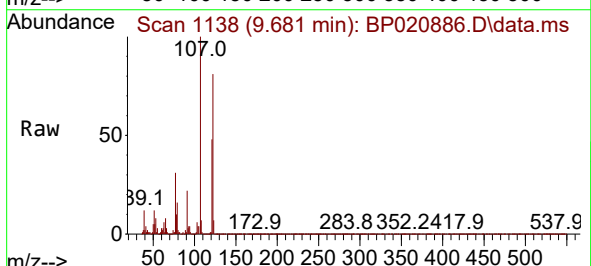
Instrument :
BNA_P
ClientSampleId :

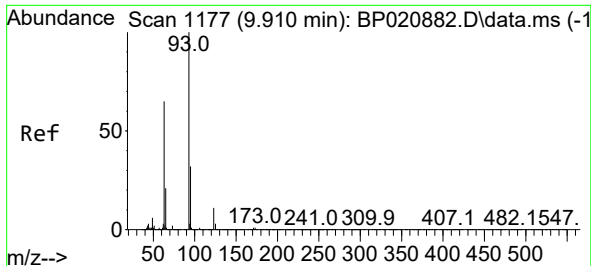
Tgt Ion:139 Resp: 161323
Ion Ratio Lower Upper
139 100
65 51.1 42.9 64.3
109 31.9 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 18.561 ng/ul
RT: 9.681 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:107 Resp: 280917
Ion Ratio Lower Upper
107 100
121 48.1 39.6 59.4
122 81.1 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 19.842 ng/ul

RT: 9.904 min Scan# 1176

Delta R.T. -0.006 min

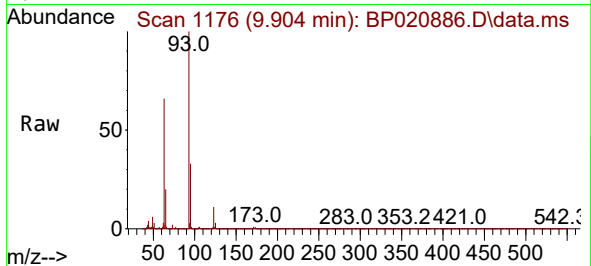
Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

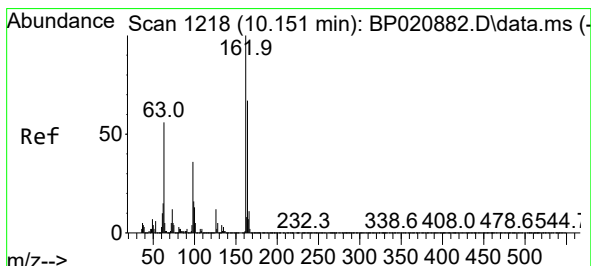
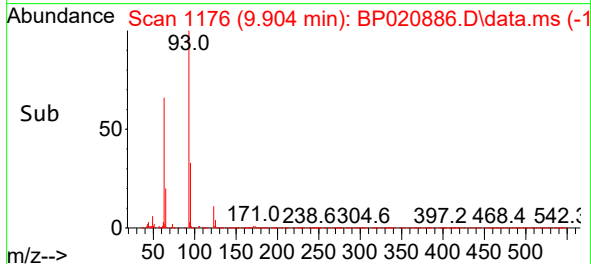
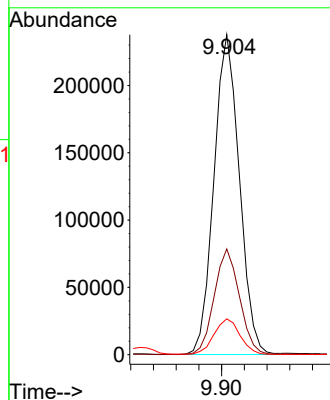
BNA_P

ClientSampleId :



Tgt Ion: 93 Resp: 369308

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.5	38.3
123	11.2	9.0	13.4



#29

2,4-Dichlorophenol

Concen: 20.505 ng/ul

RT: 10.146 min Scan# 1217

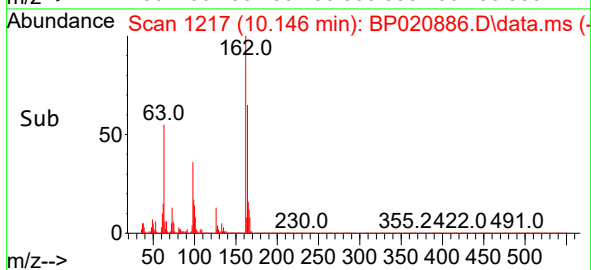
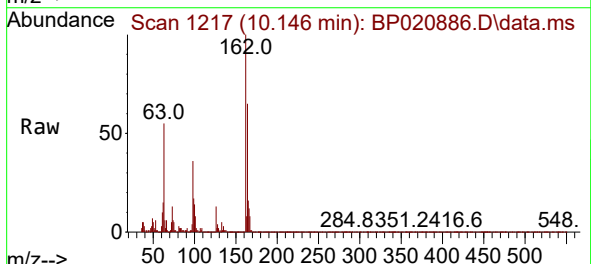
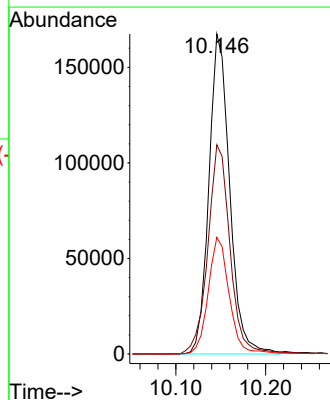
Delta R.T. -0.006 min

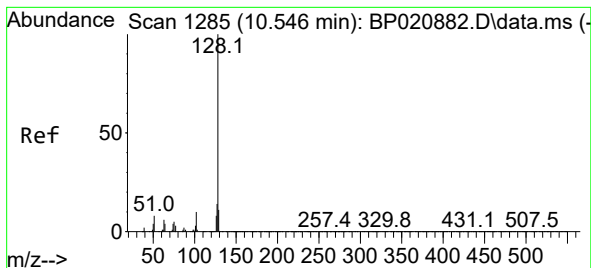
Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Tgt Ion:162 Resp: 268911

Ion	Ratio	Lower	Upper
162	100		
164	65.4	53.3	79.9
98	36.4	28.7	43.1

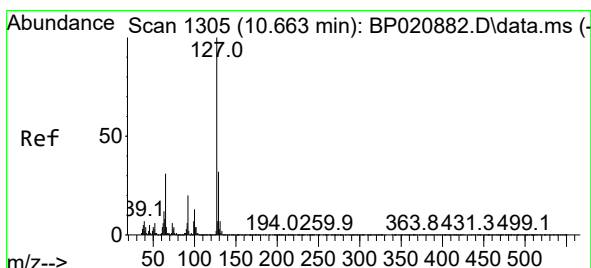
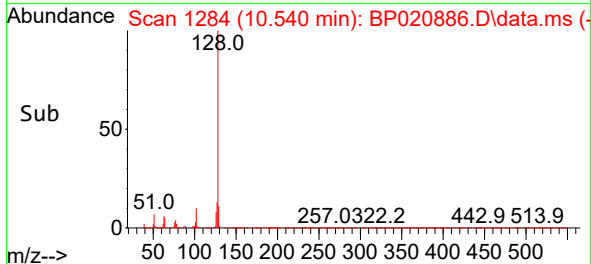
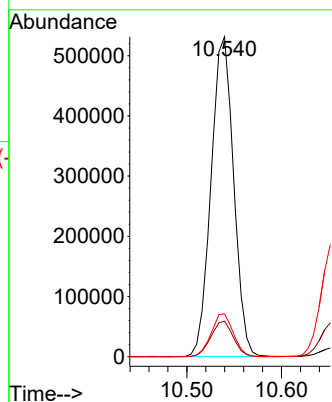
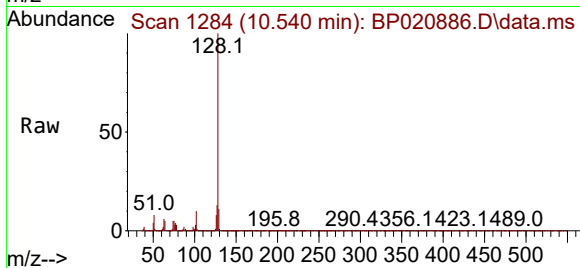




#30
Naphthalene
Concen: 20.182 ng/ul
RT: 10.540 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

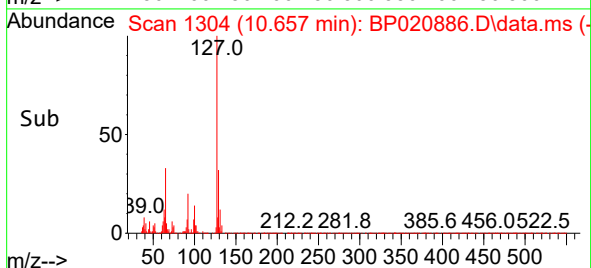
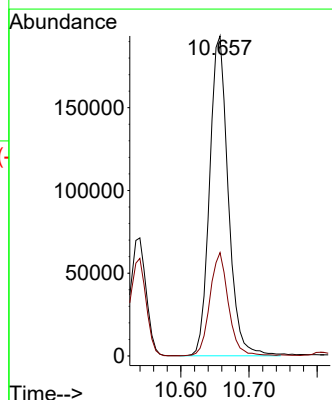
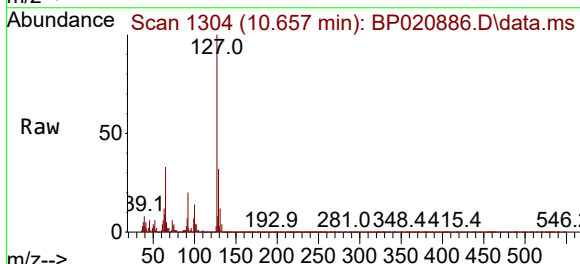
Instrument :
BNA_P
ClientSampleId :

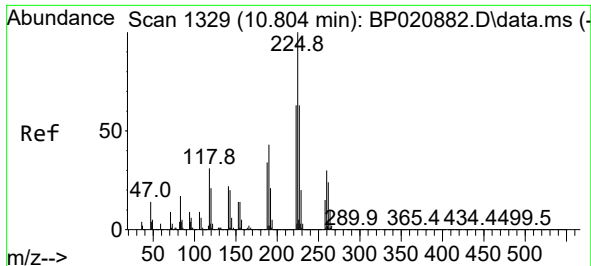
Tgt Ion:128 Resp: 878802
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
4-Chloroaniline
Concen: 21.831 ng/ul
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

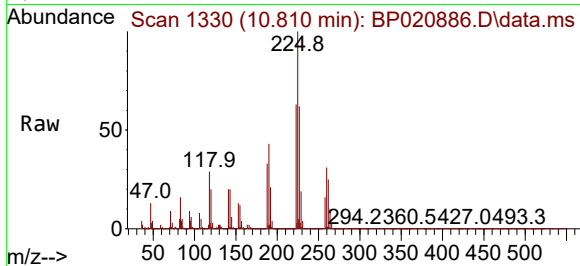
Tgt Ion:127 Resp: 367498
Ion Ratio Lower Upper
127 100
129 32.3 26.1 39.1



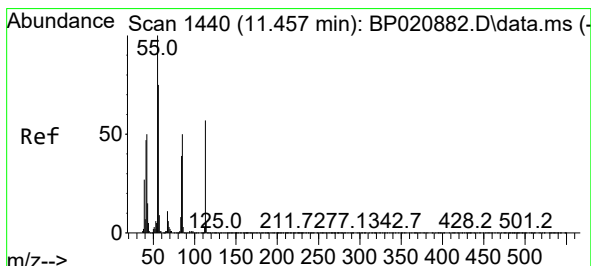
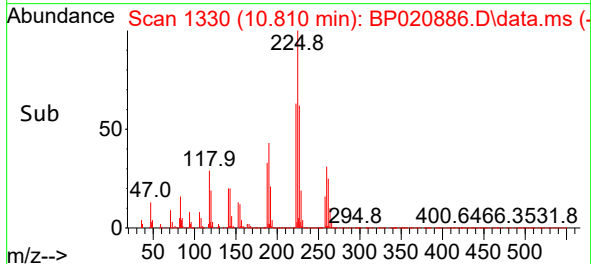
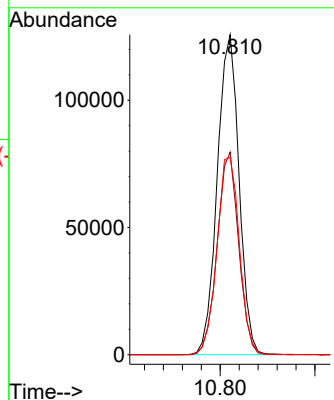


#33
Hexachlorobutadiene
Concen: 20.429 ng/ul
RT: 10.810 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Instrument :
BNA_P
ClientSampleId :

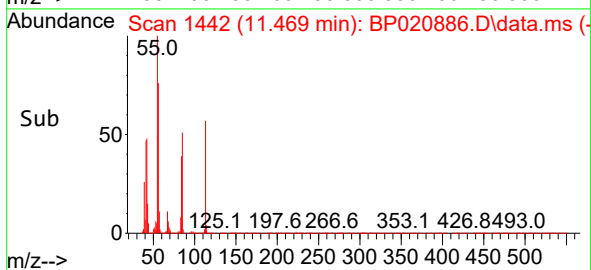
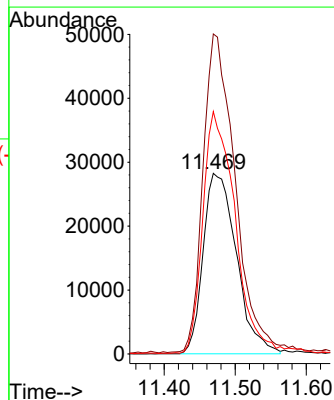
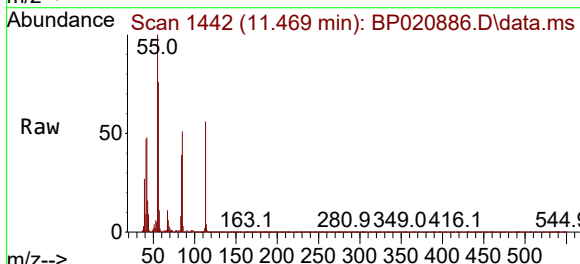


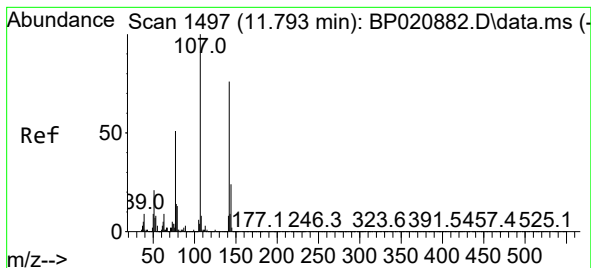
Tgt Ion:225 Resp: 200885
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.2
227 61.6 50.6 75.8



#34
Caprolactam
Concen: 22.764 ng/ul
RT: 11.469 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:113 Resp: 91968
Ion Ratio Lower Upper
113 100
55 177.2 140.2 210.4
56 134.2 105.5 158.3

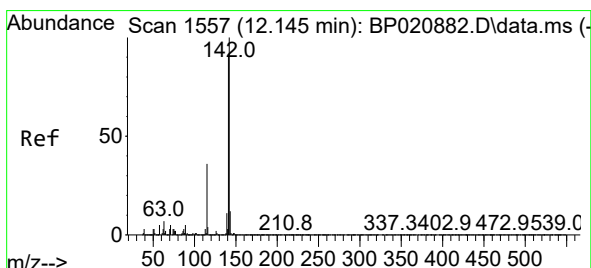
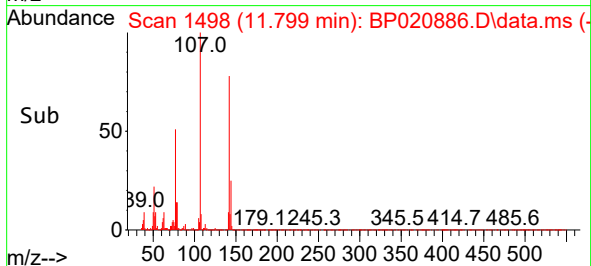
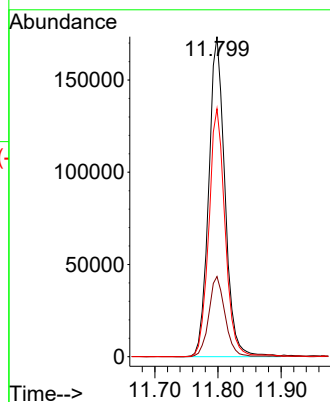
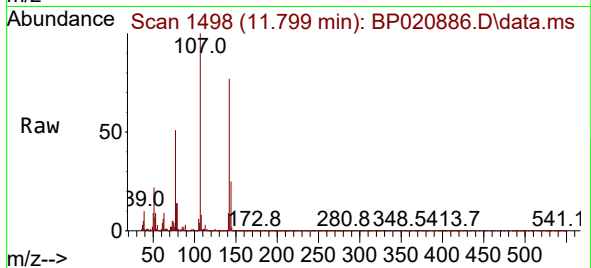




#35
4-Chloro-3-methylphenol
Concen: 21.748 ng/ul
RT: 11.799 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

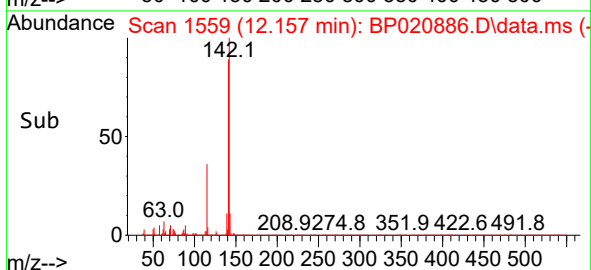
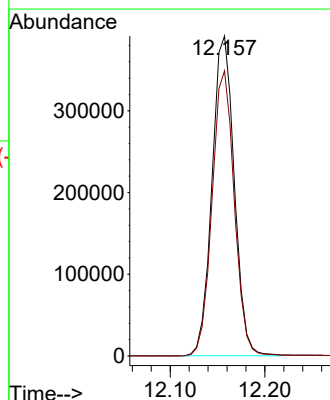
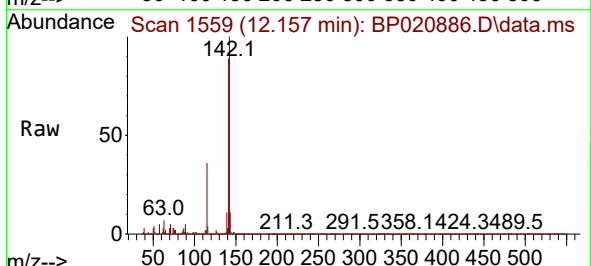
Instrument :
BNA_P
ClientSampleId :

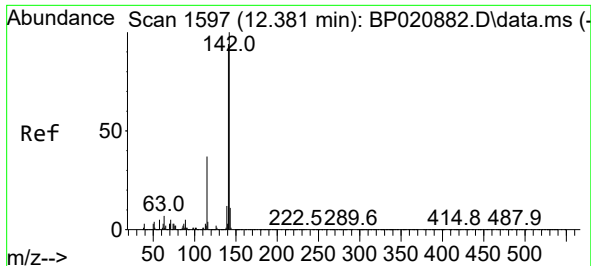
Tgt Ion:107 Resp: 310028
Ion Ratio Lower Upper
107 100
144 25.0 19.3 28.9
142 77.5 60.7 91.1



#36
2-Methylnaphthalene
Concen: 21.382 ng/ul
RT: 12.157 min Scan# 1559
Delta R.T. 0.012 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:142 Resp: 639101
Ion Ratio Lower Upper
142 100
141 89.1 72.6 108.8

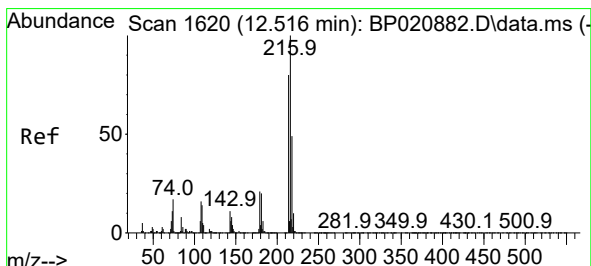
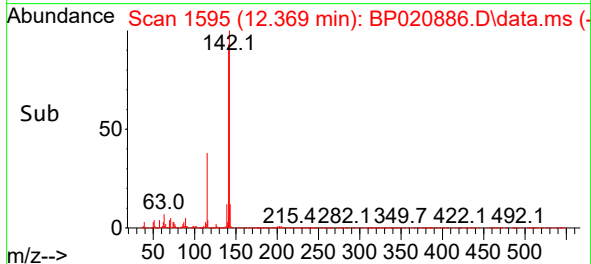
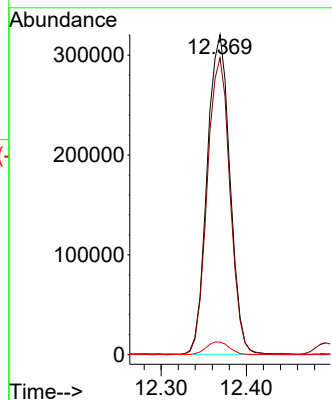
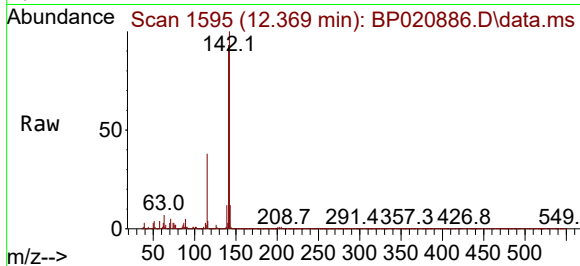




#37
1-Methylnaphthalene
Concen: 19.328 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

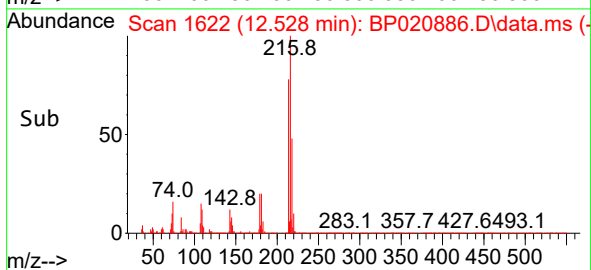
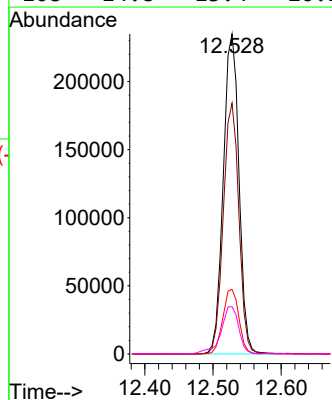
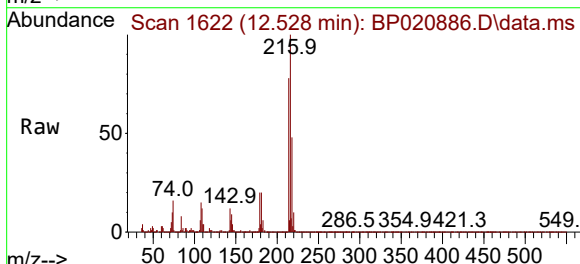
Instrument :
BNA_P
ClientSampleId :

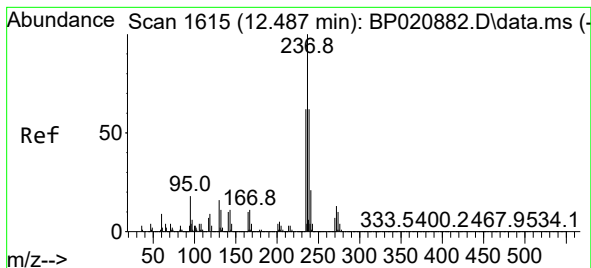
Tgt Ion:142 Resp: 594175
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.6
116 3.9 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.160 ng/ul
RT: 12.528 min Scan# 1622
Delta R.T. 0.012 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:216 Resp: 376356
Ion Ratio Lower Upper
216 100
214 78.3 64.2 96.4
179 20.2 16.6 24.8
108 14.8 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 16.339 ng/ul

RT: 12.493 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

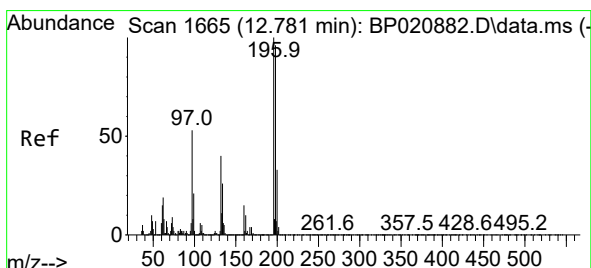
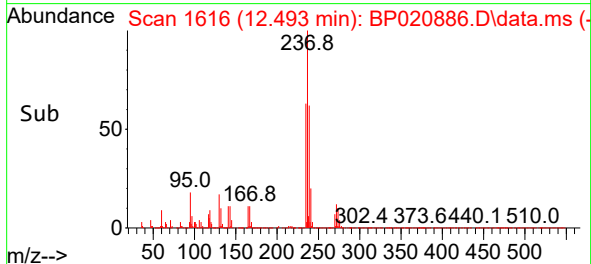
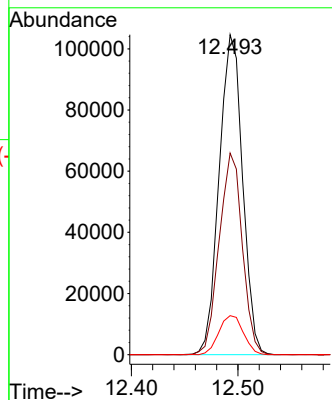
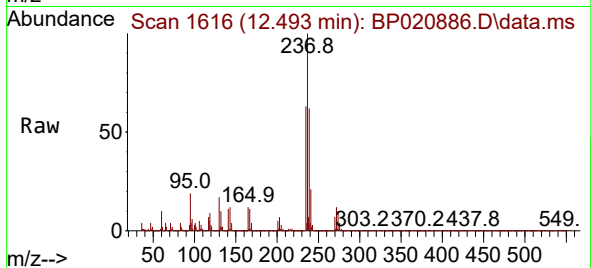
Tgt Ion:237 Resp: 159566

Ion Ratio Lower Upper

237 100

235 63.0 49.7 74.5

272 12.2 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 20.376 ng/ul

RT: 12.775 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

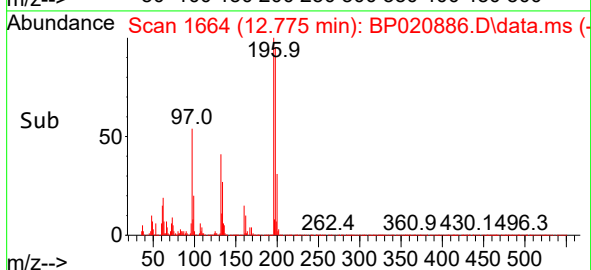
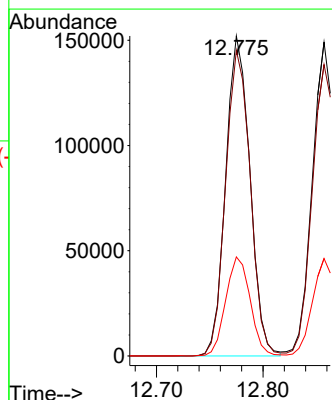
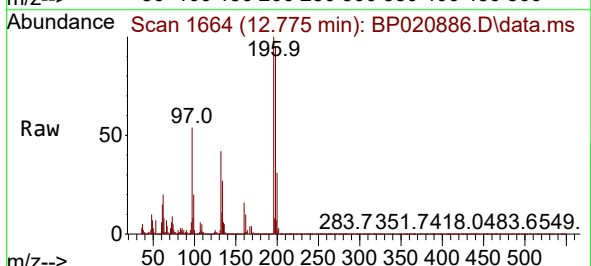
Tgt Ion:196 Resp: 240368

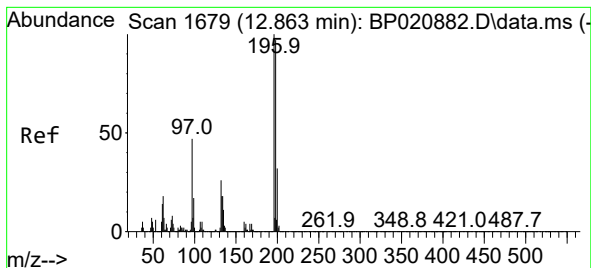
Ion Ratio Lower Upper

196 100

198 95.5 76.6 115.0

200 31.0 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 20.069 ng/ul

RT: 12.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

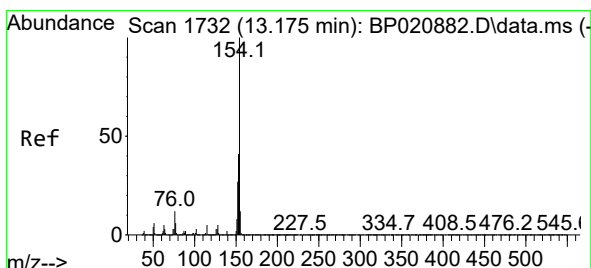
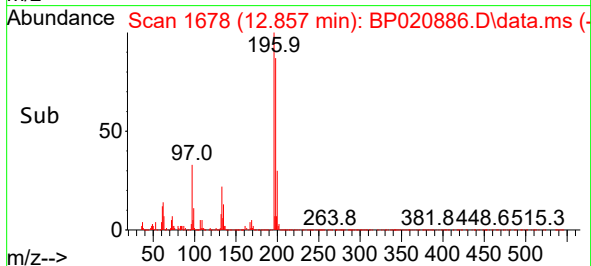
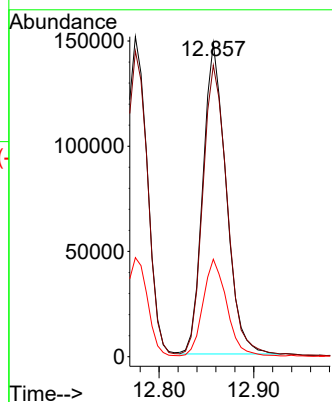
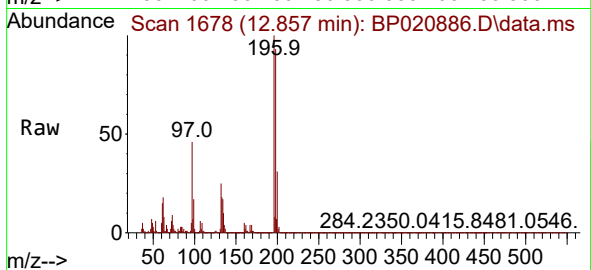
Tgt Ion:196 Resp: 250476

Ion Ratio Lower Upper

196 100

198 92.8 77.1 115.7

200 31.1 25.3 37.9



#43

1,1'-Biphenyl

Concen: 20.217 ng/ul

RT: 13.181 min Scan# 1733

Delta R.T. 0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

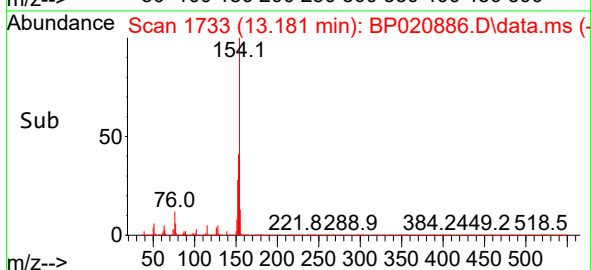
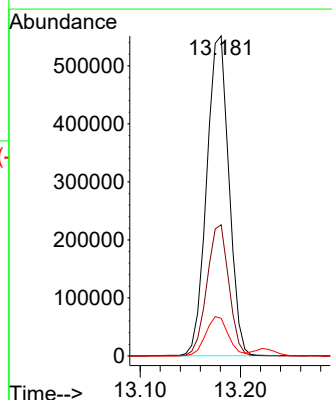
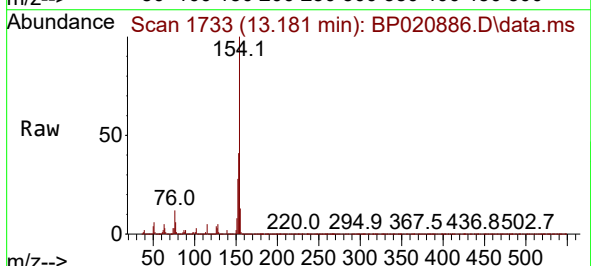
Tgt Ion:154 Resp: 849318

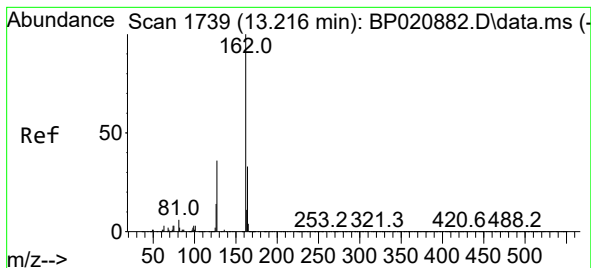
Ion Ratio Lower Upper

154 100

153 41.0 32.7 49.1

76 11.8 9.4 14.2





#44

2-Chloronaphthalene

Concen: 19.484 ng/ul

RT: 13.222 min Scan# 1740

Delta R.T. 0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

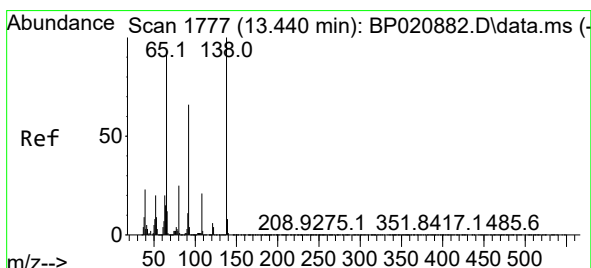
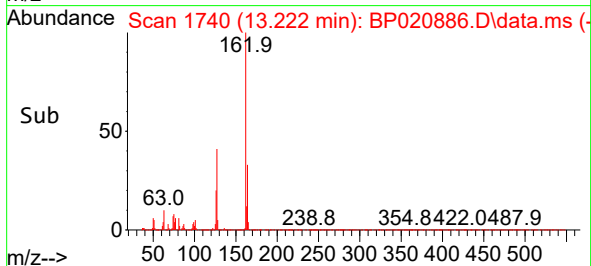
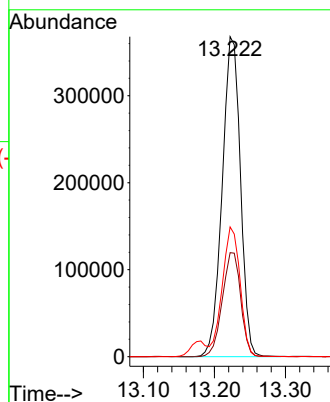
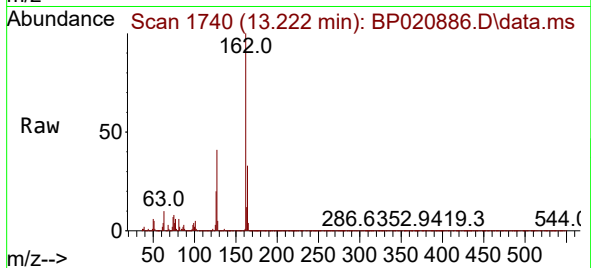
Tgt Ion:162 Resp: 653462

Ion Ratio Lower Upper

162 100

164 32.5 26.3 39.5

127 40.6 31.8 47.8



#45

2-Nitroaniline

Concen: 21.016 ng/ul

RT: 13.440 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

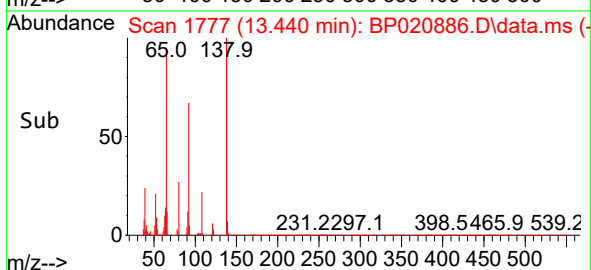
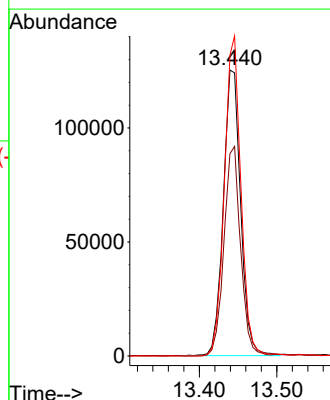
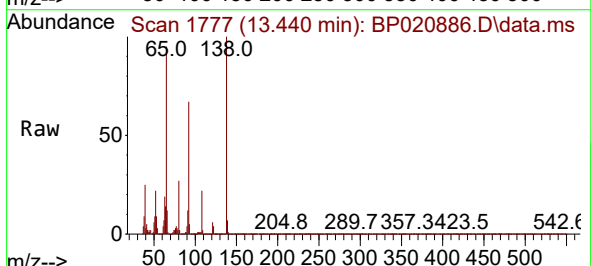
Tgt Ion: 65 Resp: 194919

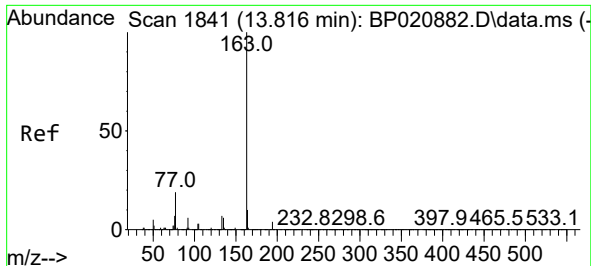
Ion Ratio Lower Upper

65 100

92 70.7 56.7 85.1

138 105.2 85.6 128.4

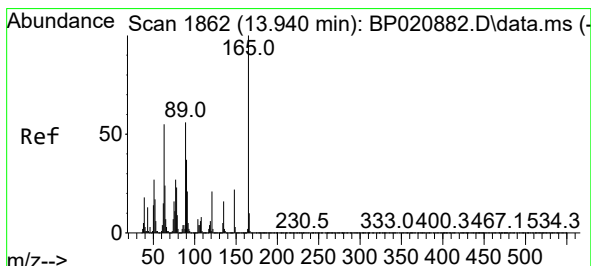
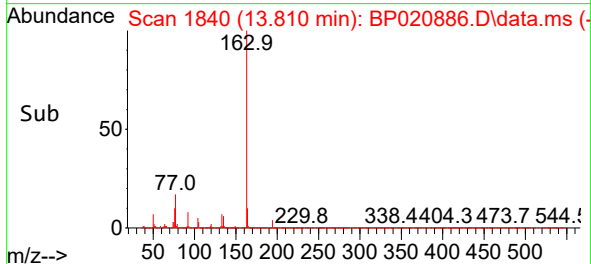
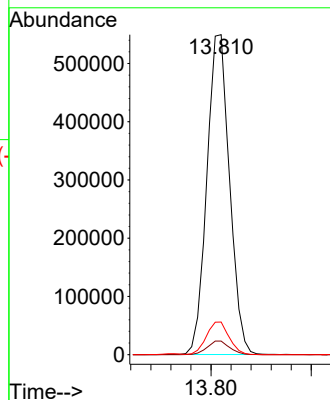
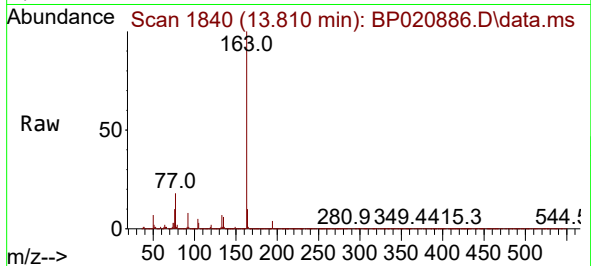




#47
Dimethylphthalate
Concen: 20.375 ng/ul
RT: 13.810 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

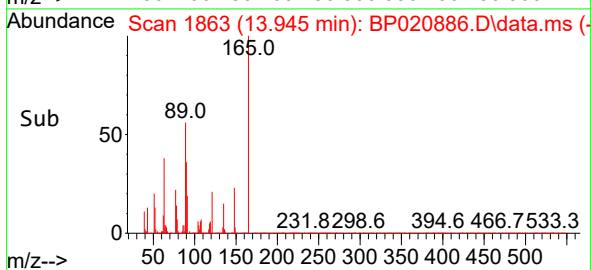
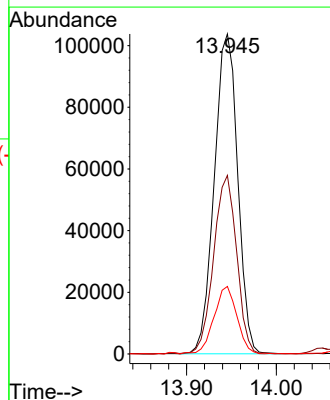
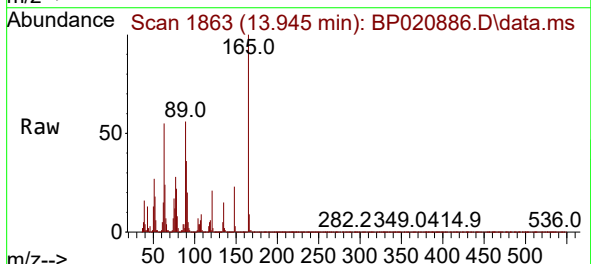
Instrument :
BNA_P
ClientSampleId :

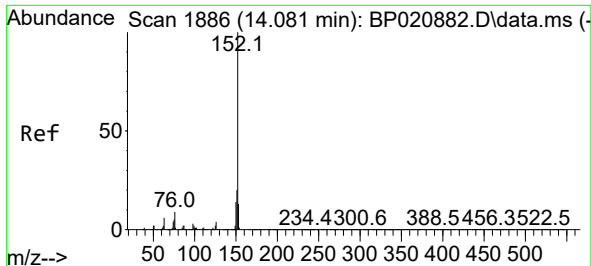
Tgt Ion:163 Resp: 863910
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 22.136 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. 0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:165 Resp: 187648
Ion Ratio Lower Upper
165 100
89 55.8 44.7 67.1
121 21.1 16.5 24.7

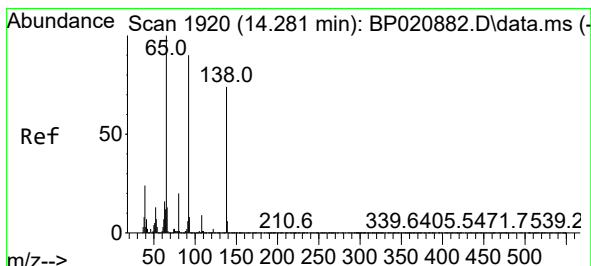
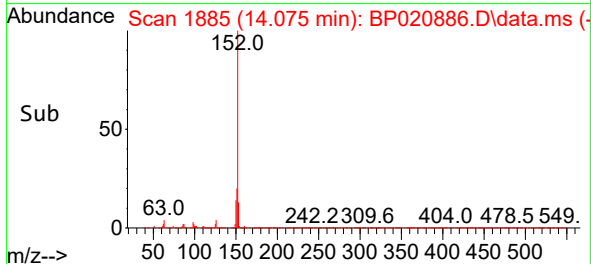
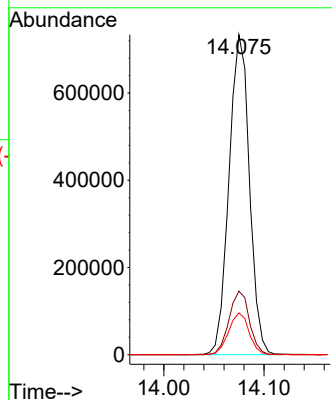
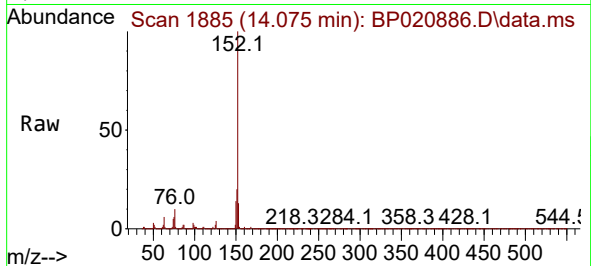




#50
Acenaphthylene
Concen: 19.563 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

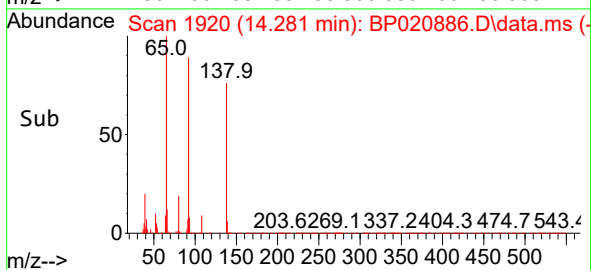
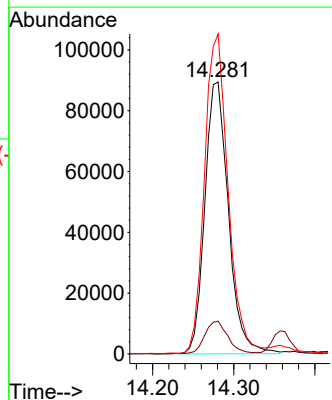
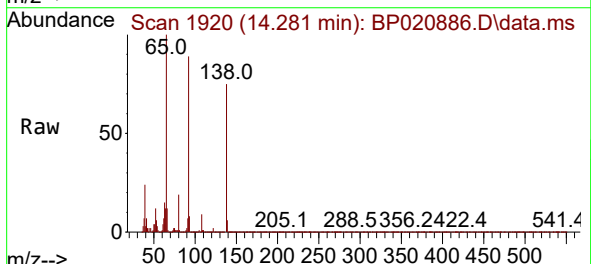
Instrument :
BNA_P
ClientSampleId :

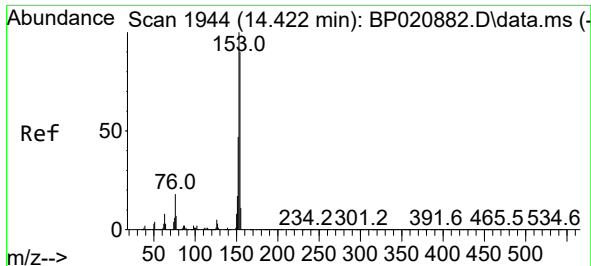
Tgt Ion:152 Resp: 1039340
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 24.473 ng/ul
RT: 14.281 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:138 Resp: 180530
Ion Ratio Lower Upper
138 100
108 12.1 9.8 14.8
92 117.7 98.0 147.0

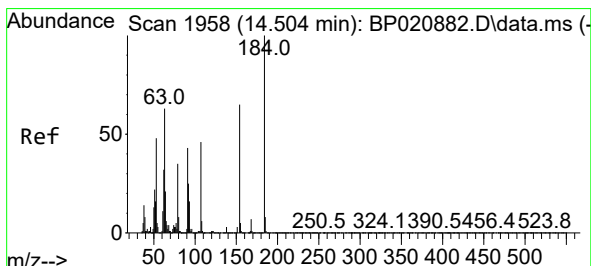
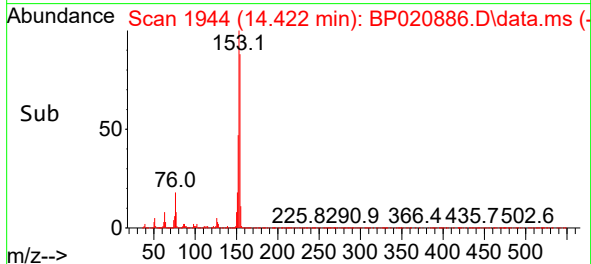
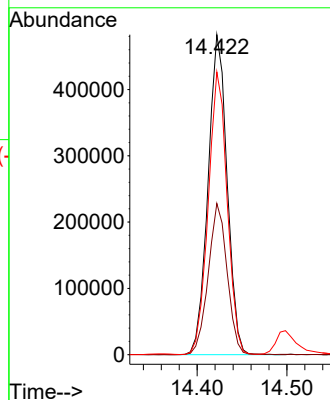
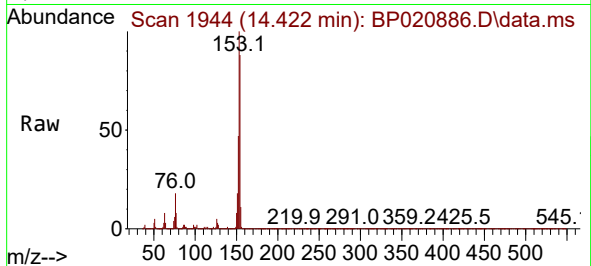




#52
Acenaphthene
Concen: 20.205 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

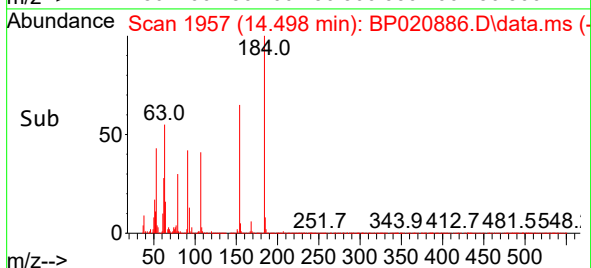
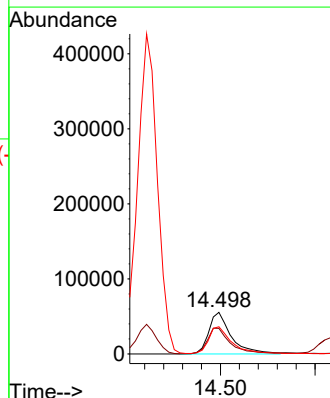
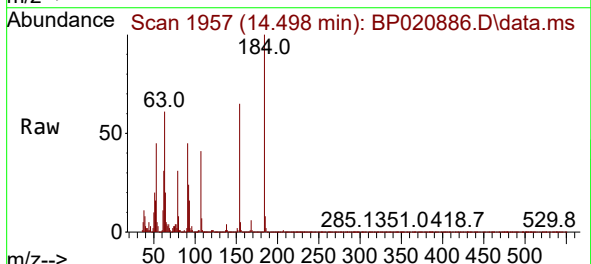
Instrument :
BNA_P
ClientSampleId :

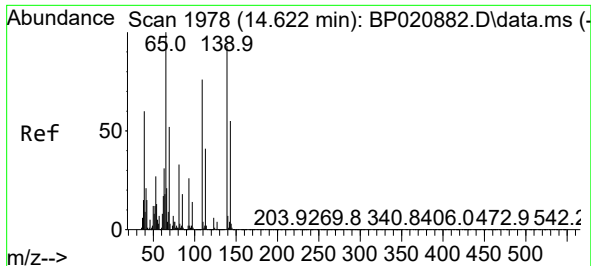
Tgt Ion:153 Resp: 712452
Ion Ratio Lower Upper
153 100
152 47.3 37.8 56.6
154 88.3 71.8 107.6



#53
2,4-Dinitrophenol
Concen: 20.484 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:184 Resp: 91192
Ion Ratio Lower Upper
184 100
63 61.3 50.3 75.5
154 65.4 53.0 79.6

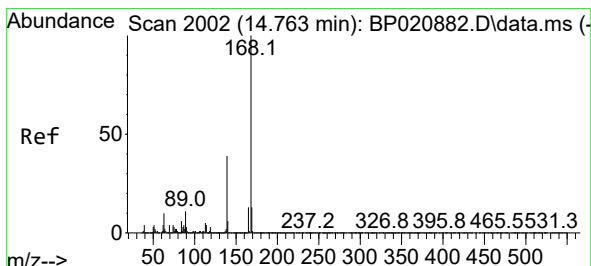
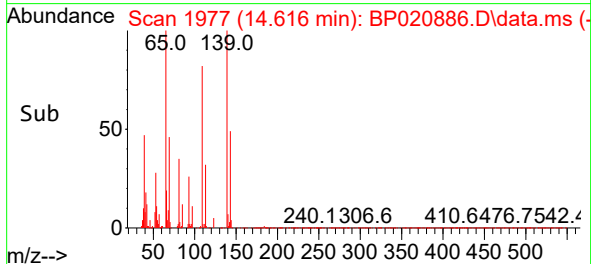
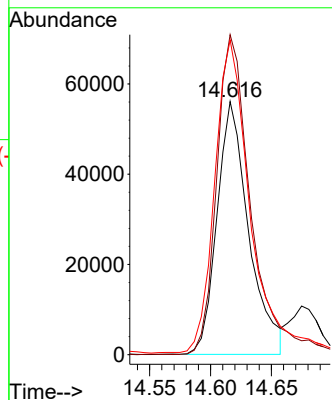
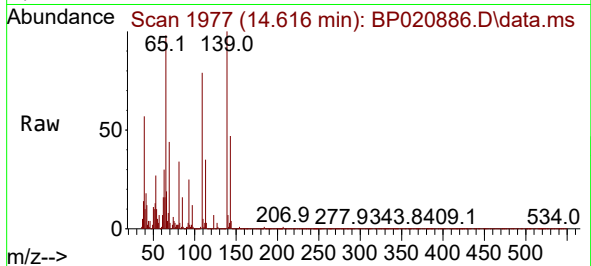




#55
4-Nitrophenol
Concen: 20.946 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

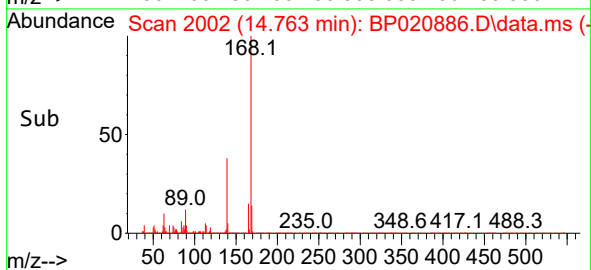
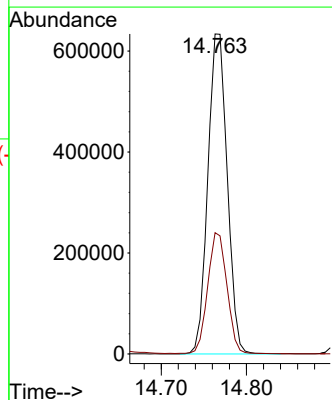
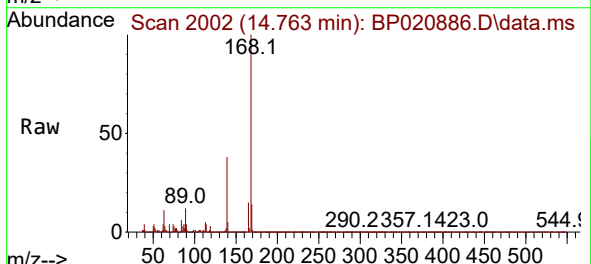
Instrument :
BNA_P
ClientSampleId :

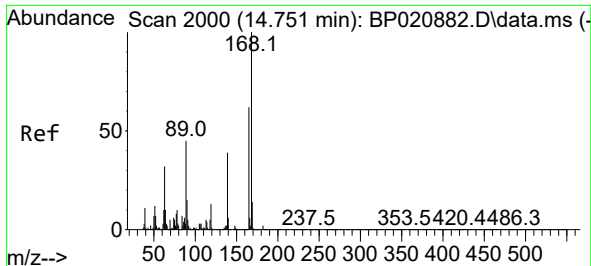
Tgt Ion:109 Resp: 101306
Ion Ratio Lower Upper
109 100
139 126.5 98.0 147.0
65 124.4 106.0 159.0



#56
Dibenzofuran
Concen: 20.723 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

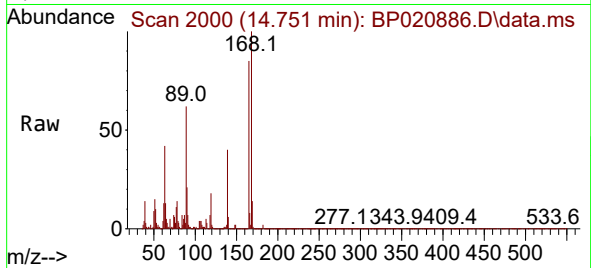
Tgt Ion:168 Resp: 1000651
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7



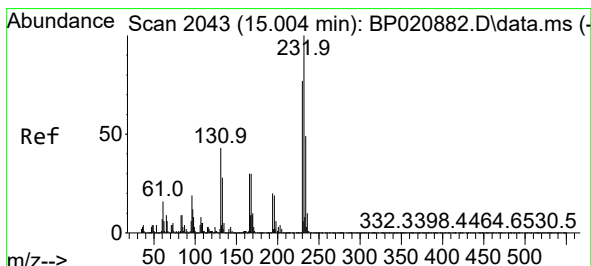
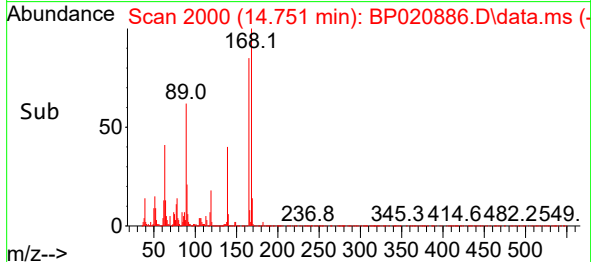
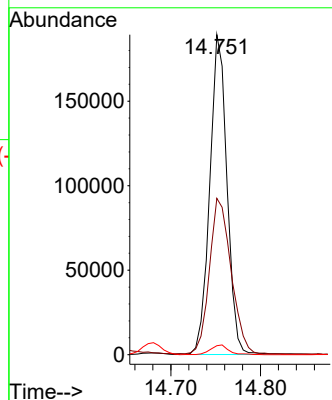


#57
2,4-Dinitrotoluene
Concen: 21.701 ng/ul
RT: 14.751 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Instrument :
BNA_P
ClientSampleId :

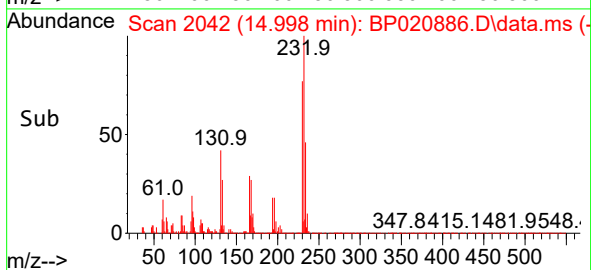
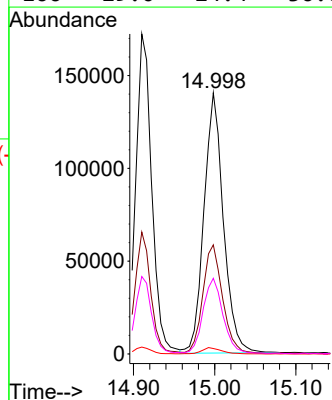
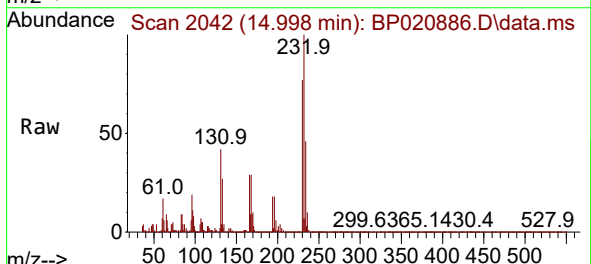


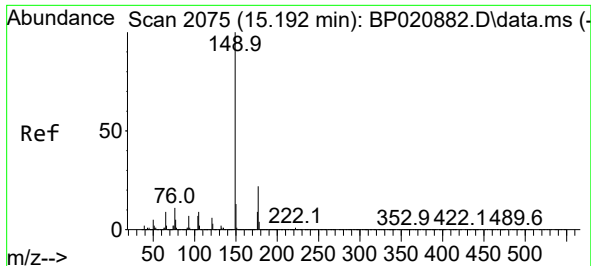
Tgt Ion:165 Resp: 252534
Ion Ratio Lower Upper
165 100
63 48.9 41.0 61.4
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.825 ng/ul
RT: 14.998 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:232 Resp: 233265
Ion Ratio Lower Upper
232 100
131 41.8 34.4 51.6
130 2.1 2.0 3.0
166 29.0 24.4 36.6

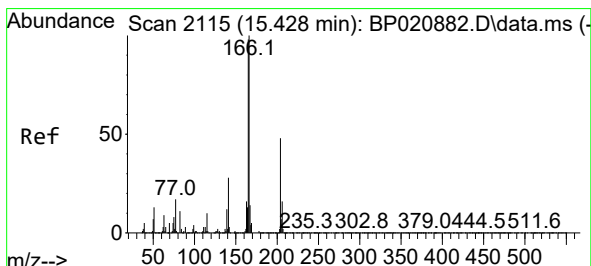
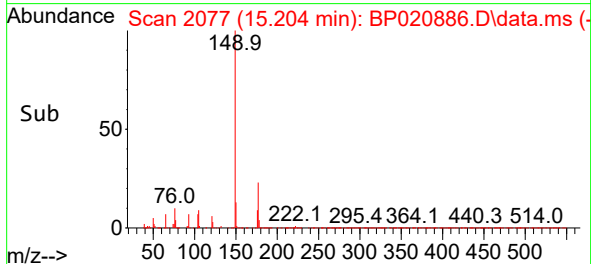
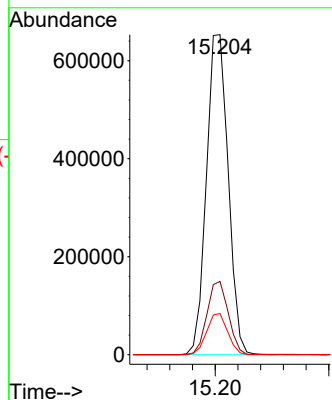
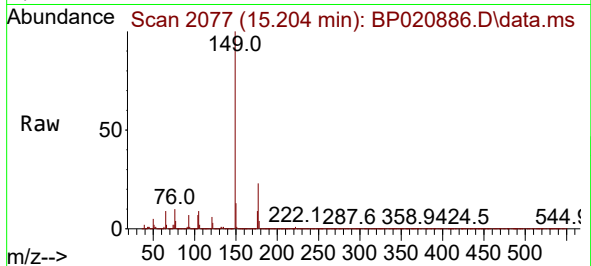




#59
Diethylphthalate
Concen: 20.455 ng/ul
RT: 15.204 min Scan# 2077
Delta R.T. 0.012 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

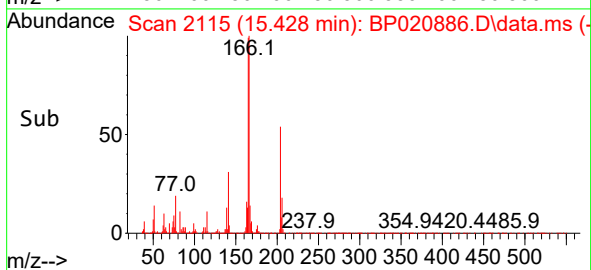
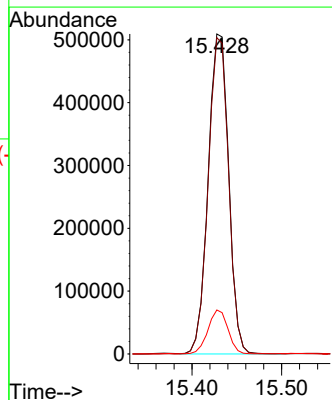
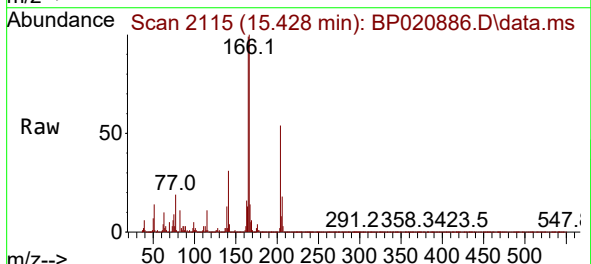
Instrument :
BNA_P
ClientSampleId :

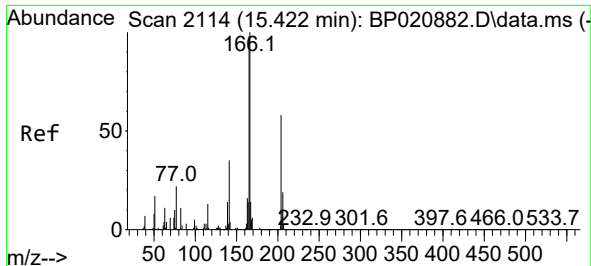
Tgt Ion:149 Resp: 866787
Ion Ratio Lower Upper
149 100
177 22.9 17.7 26.5
150 12.9 10.2 15.2



#61
Fluorene
Concen: 20.524 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:166 Resp: 808727
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 13.7 10.9 16.3

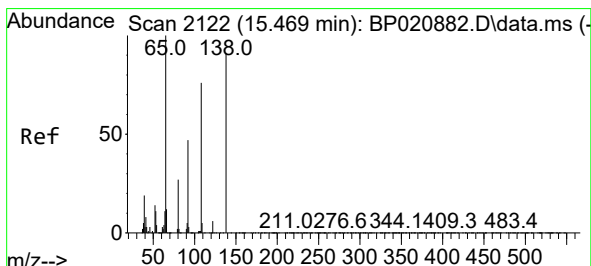
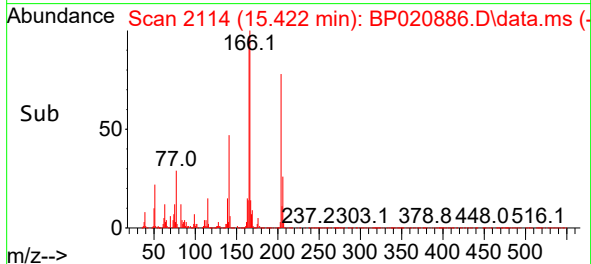
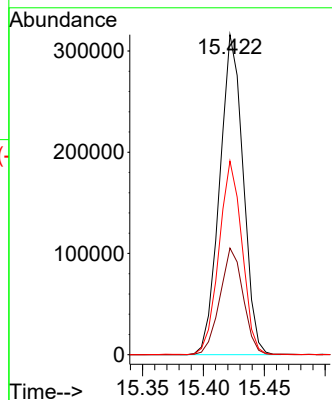
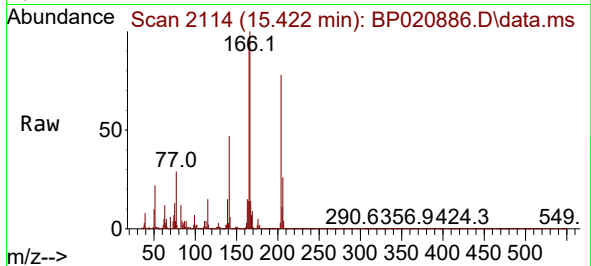




#62
4-Chlorophenyl-phenylether
Concen: 19.873 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

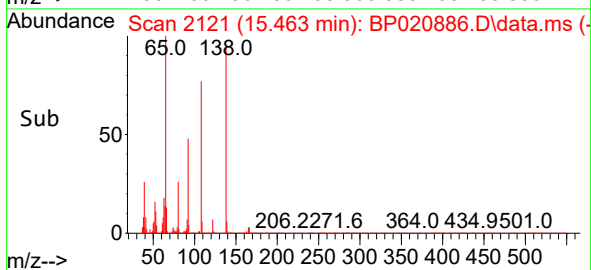
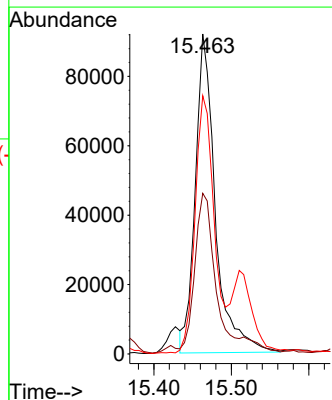
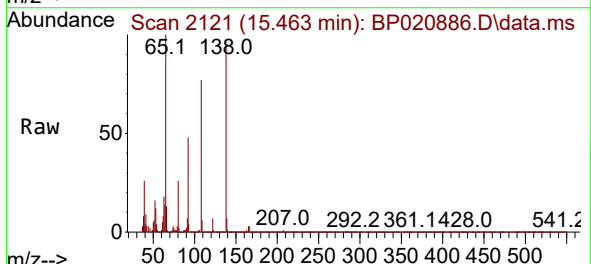
Instrument :
BNA_P
ClientSampleId :

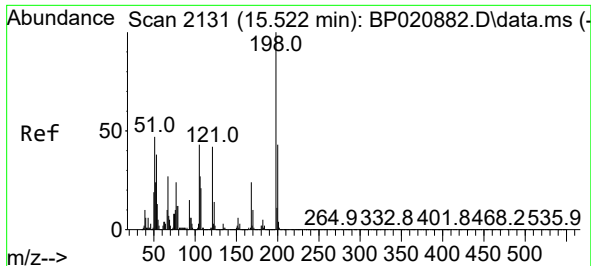
Tgt Ion:204 Resp: 424920
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 60.5 48.5 72.7



#63
4-Nitroaniline
Concen: 27.019 ng/ul
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:138 Resp: 165060
Ion Ratio Lower Upper
138 100
92 50.2 40.9 61.3
108 80.7 64.7 97.1

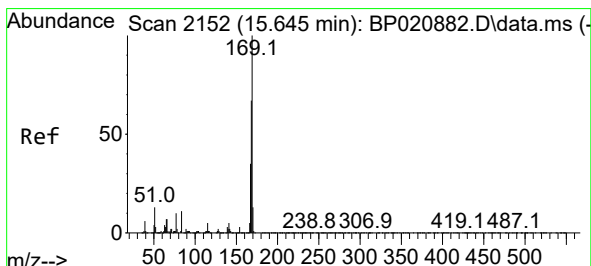
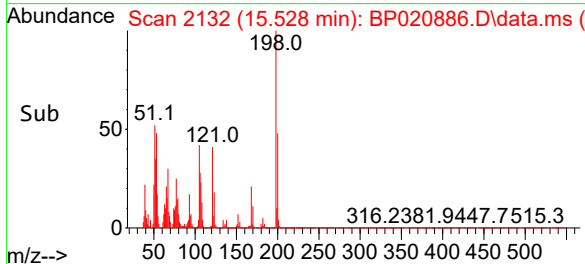
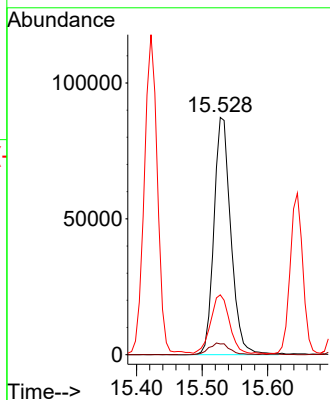
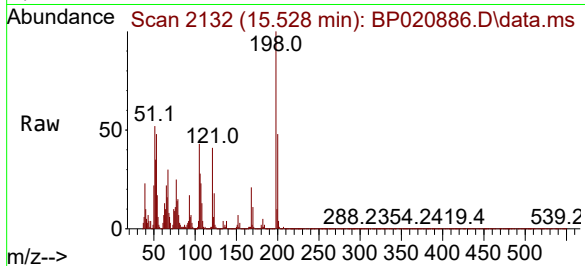




#66
4,6-Dinitro-2-methylphenol
Concen: 20.288 ng/ul
RT: 15.528 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

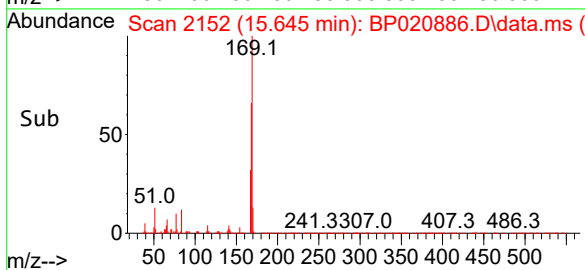
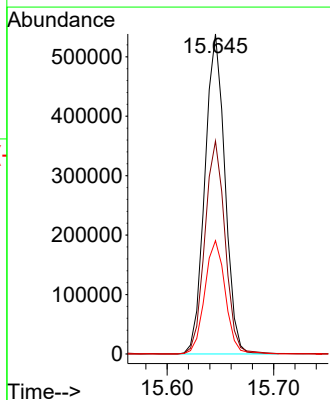
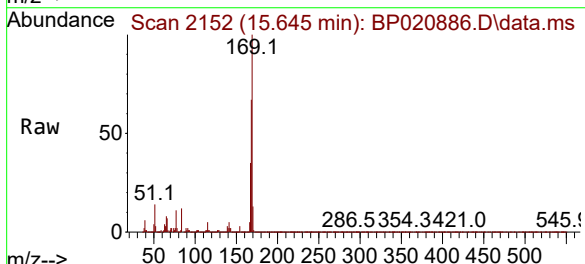
Instrument :
BNA_P
ClientSampleId :

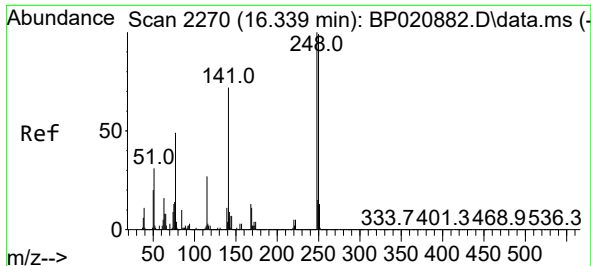
Tgt Ion:198 Resp: 155989
Ion Ratio Lower Upper
198 100
182 4.5 3.8 5.6
77 25.2 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 20.217 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:169 Resp: 705474
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 35.4 28.4 42.6

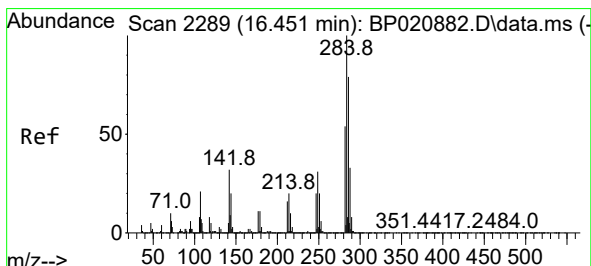
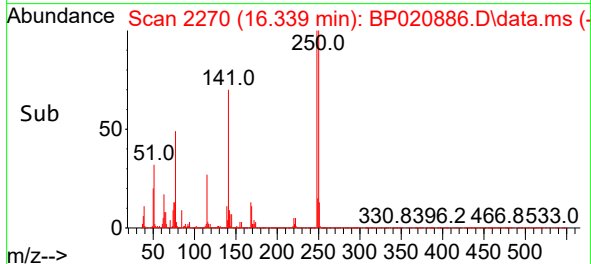
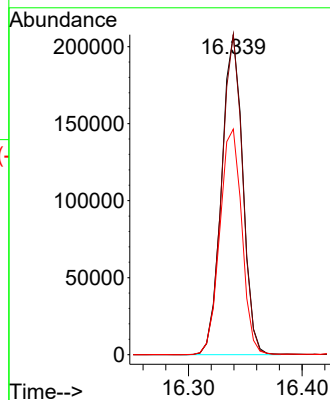
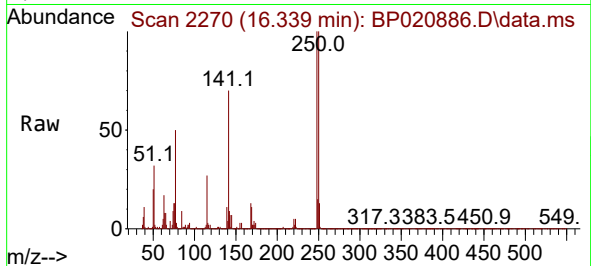




#68
4-Bromophenyl-phenylether
Concen: 19.192 ng/ul
RT: 16.339 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

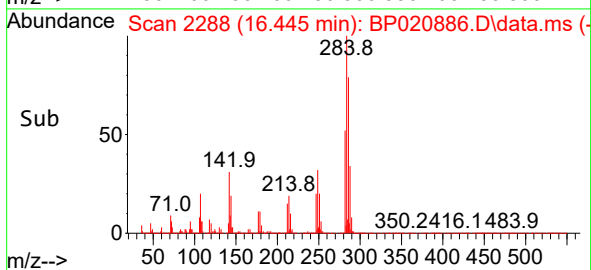
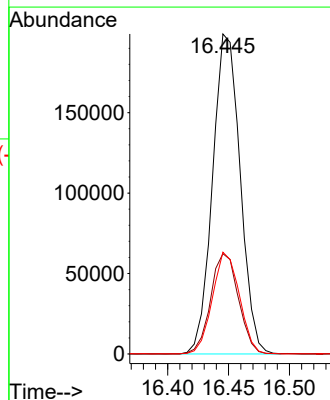
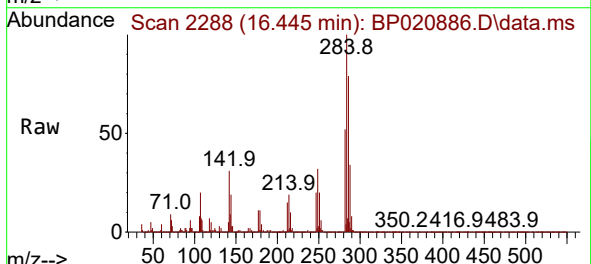
Instrument :
BNA_P
ClientSampleId :

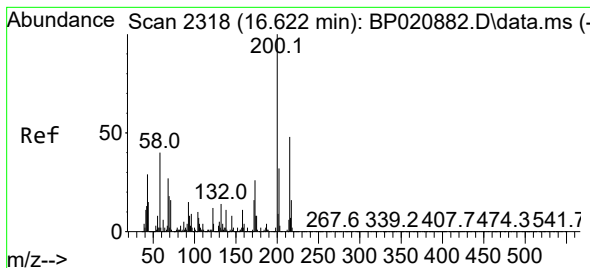
Tgt Ion:248 Resp: 269556
Ion Ratio Lower Upper
248 100
250 100.0 79.3 118.9
141 70.5 57.4 86.0



#69
Hexachlorobenzene
Concen: 19.473 ng/ul
RT: 16.445 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:284 Resp: 313602
Ion Ratio Lower Upper
284 100
142 31.3 25.8 38.8
249 31.8 25.1 37.7





#70

Atrazine

Concen: 21.217 ng/ul

RT: 16.634 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

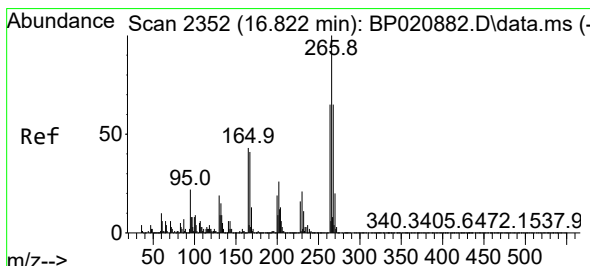
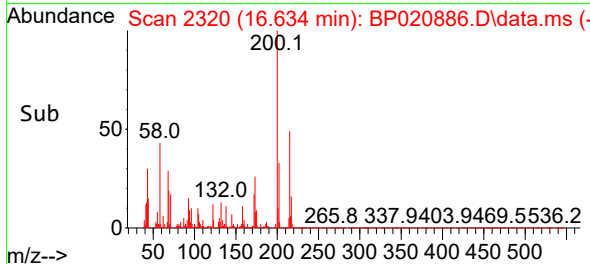
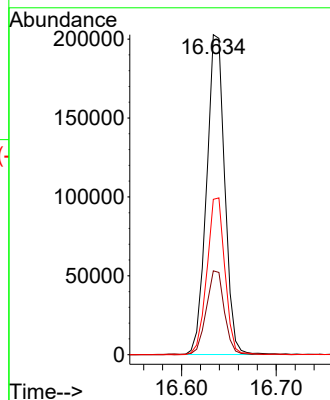
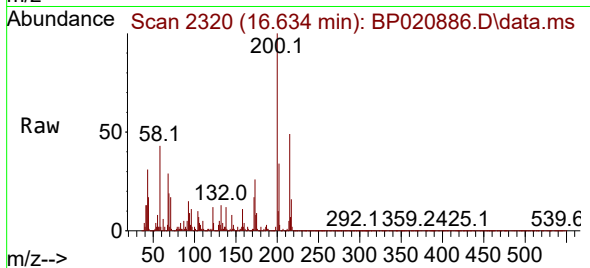
Tgt Ion:200 Resp: 269830

Ion Ratio Lower Upper

200 100

173 26.2 20.8 31.2

215 48.6 38.7 58.1



#71

Pentachlorophenol

Concen: 19.671 ng/ul

RT: 16.810 min Scan# 2350

Delta R.T. -0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

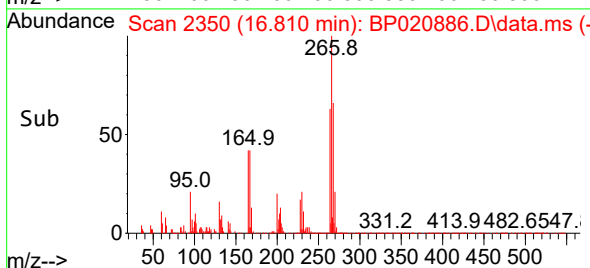
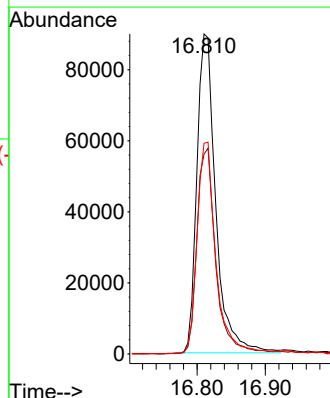
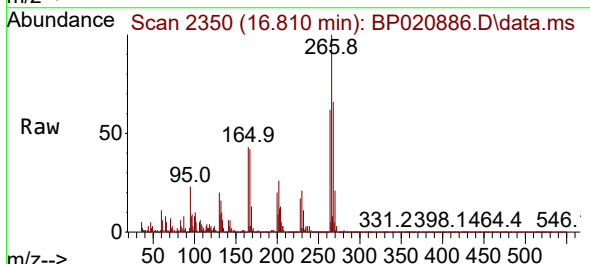
Tgt Ion:266 Resp: 172058

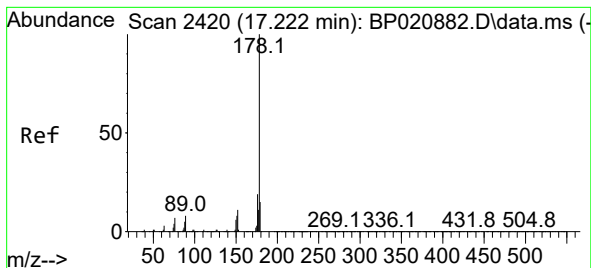
Ion Ratio Lower Upper

266 100

264 62.5 52.3 78.5

268 65.8 52.3 78.5





#72

Phenanthrene

Concen: 20.045 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

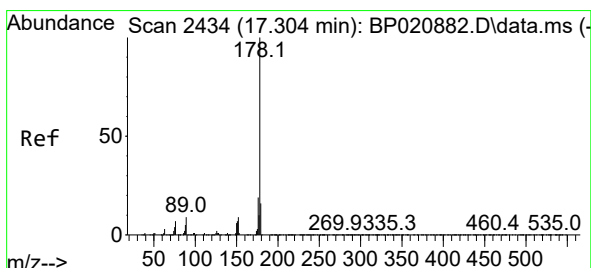
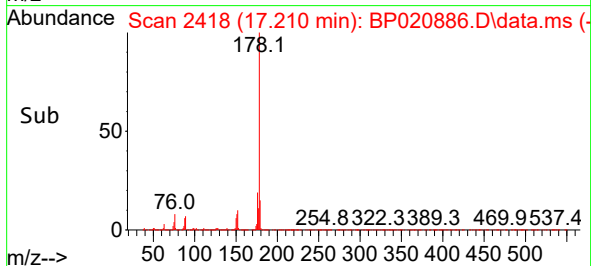
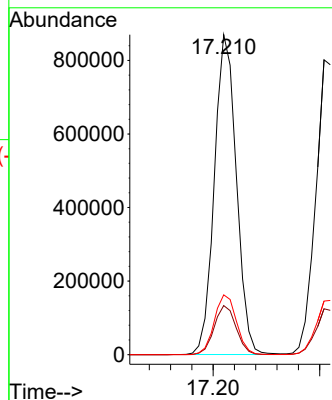
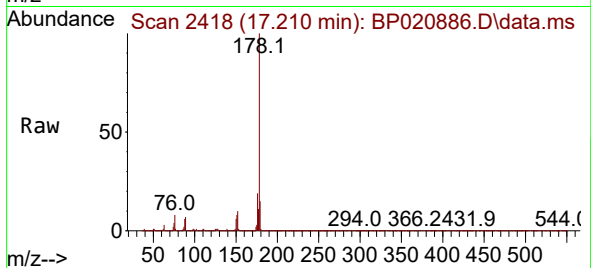
Tgt Ion:178 Resp: 1246027

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.7 15.0 22.4



#74

Anthracene

Concen: 20.121 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

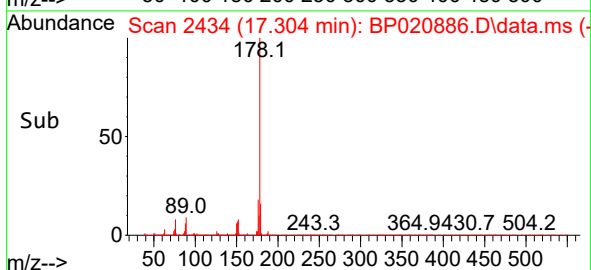
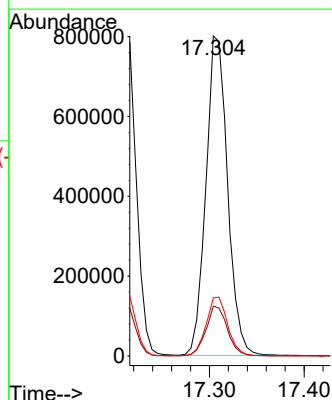
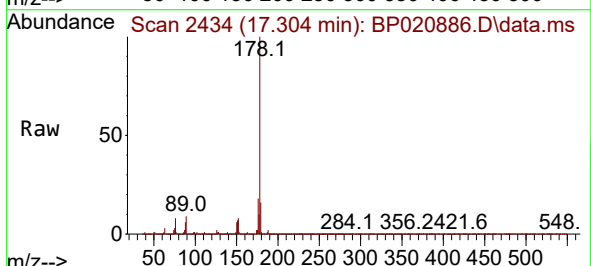
Tgt Ion:178 Resp: 1275111

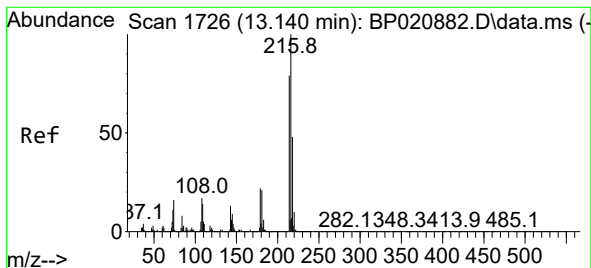
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.2 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.096 ng/uL

RT: 13.128 min Scan# 1724

Delta R.T. -0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

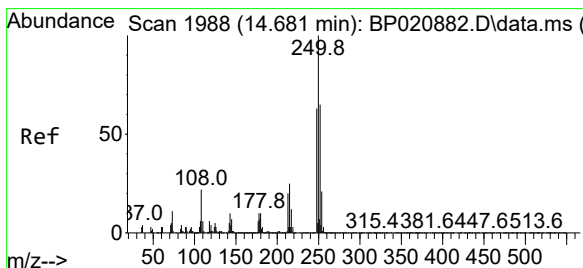
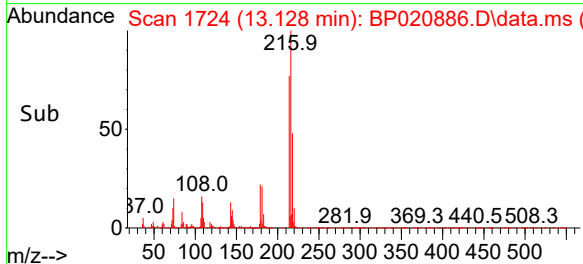
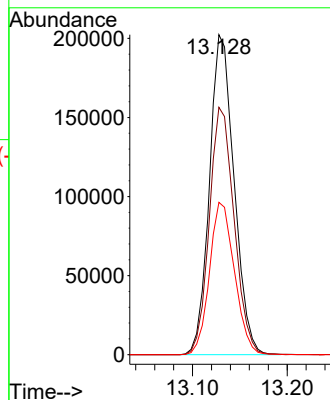
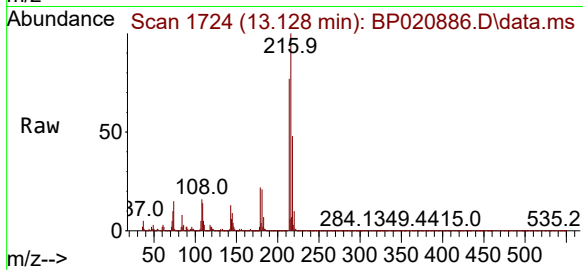
Tgt Ion:216 Resp: 366256

Ion Ratio Lower Upper

216 100

214 77.3 63.2 94.8

218 47.6 38.2 57.4



#76

Pentachlorobenzene

Concen: 18.814 ng/uL

RT: 14.681 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

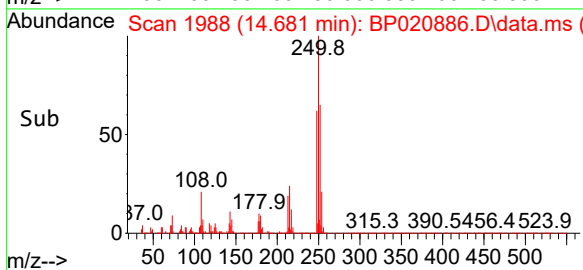
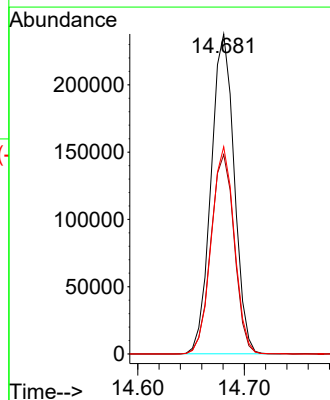
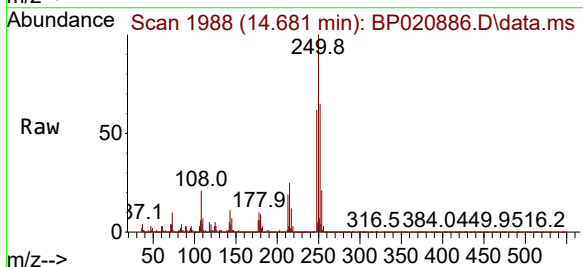
Tgt Ion:250 Resp: 358555

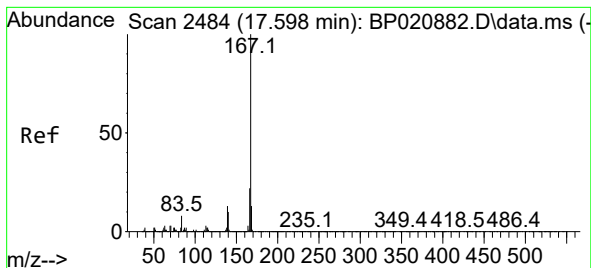
Ion Ratio Lower Upper

250 100

248 62.3 50.8 76.2

252 64.7 51.6 77.4





#77

Carbazole

Concen: 21.353 ng/ul

RT: 17.598 min Scan# 2484

Delta R.T. 0.000 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

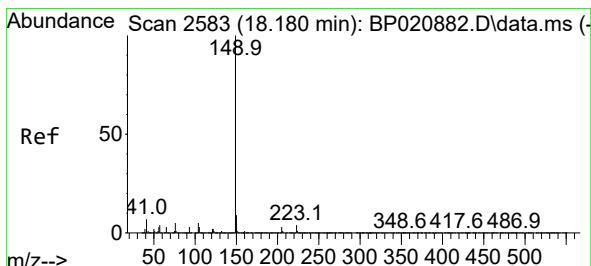
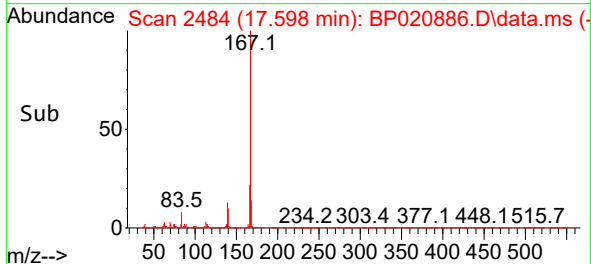
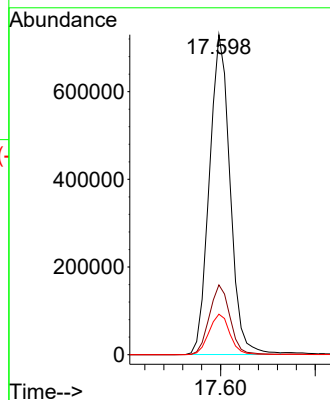
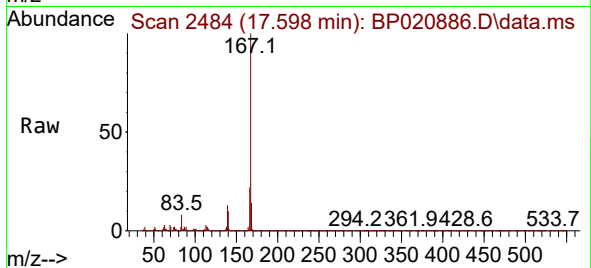
Tgt Ion:167 Resp: 1106209

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 12.6 10.2 15.2



#78

Di-n-butylphthalate

Concen: 20.253 ng/ul

RT: 18.175 min Scan# 2582

Delta R.T. -0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

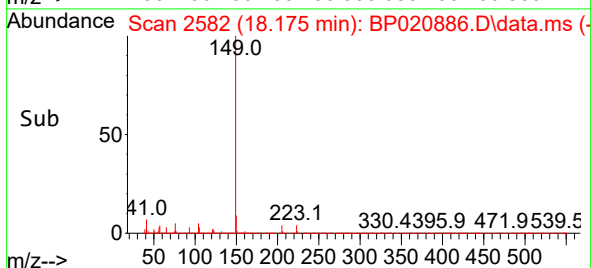
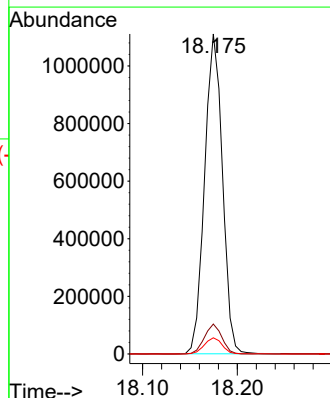
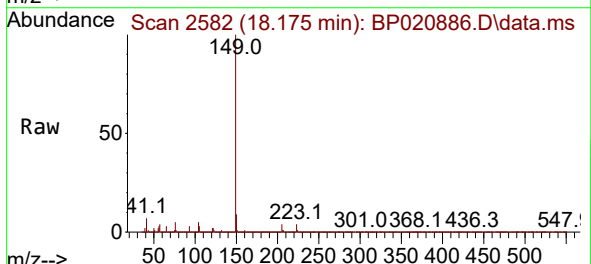
Tgt Ion:149 Resp: 1447554

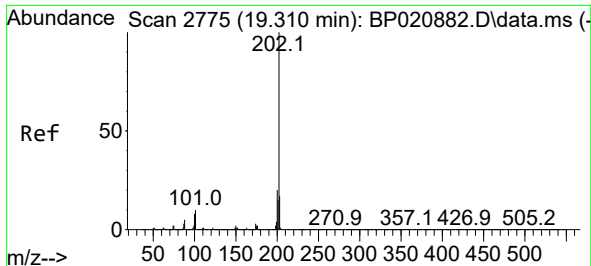
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

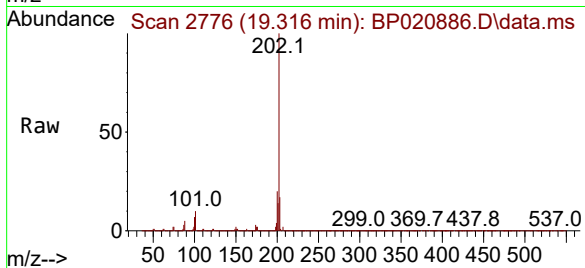
104 5.0 3.9 5.9



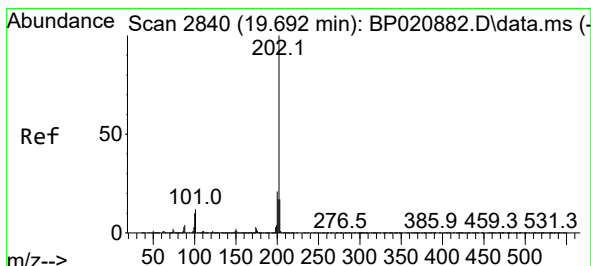
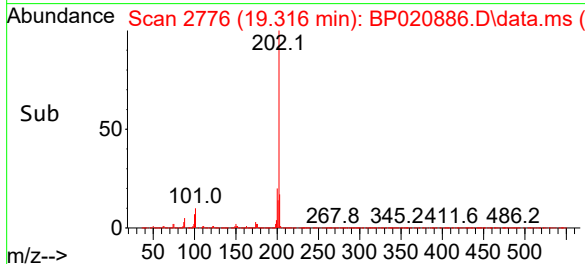
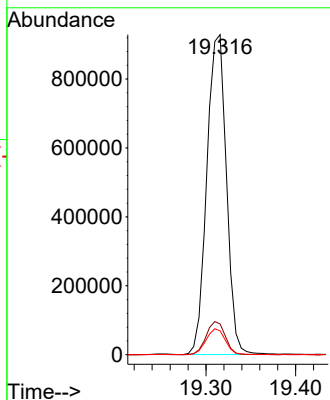


#80
Fluoranthene
Concen: 21.979 ng/ul
RT: 19.316 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Instrument :
BNA_P
ClientSampleId :

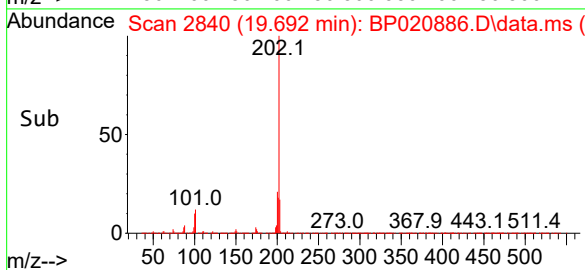
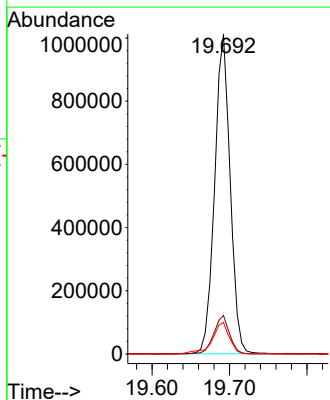
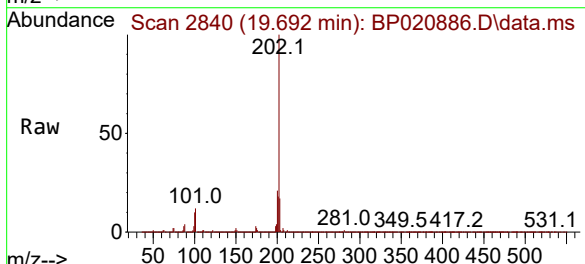


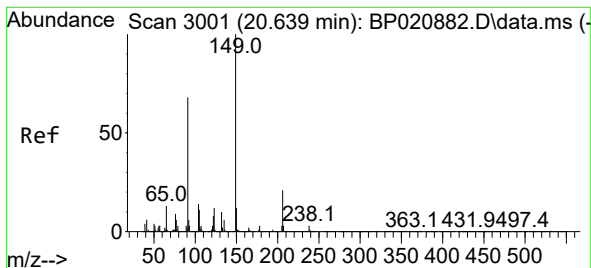
Tgt Ion:202 Resp: 1407192
Ion Ratio Lower Upper
202 100
101 9.6 8.0 12.0
100 7.5 6.1 9.1



#82
Pyrene
Concen: 21.587 ng/ul
RT: 19.692 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP020886.D
Acq: 10 Jul 2024 18:52

Tgt Ion:202 Resp: 1406383
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 9.8 7.8 11.6





#83

Butylbenzylphthalate

Concen: 20.974 ng/ul

RT: 20.633 min Scan# 3001

Delta R.T. -0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

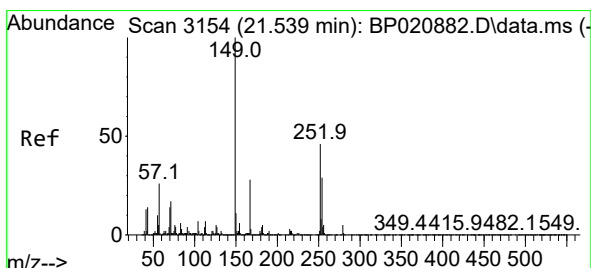
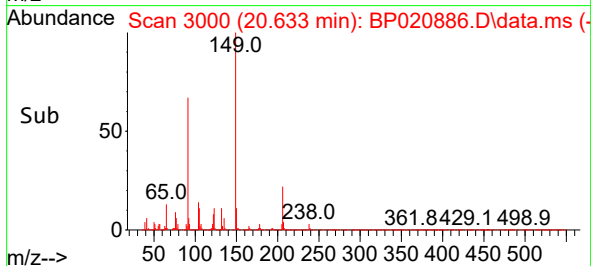
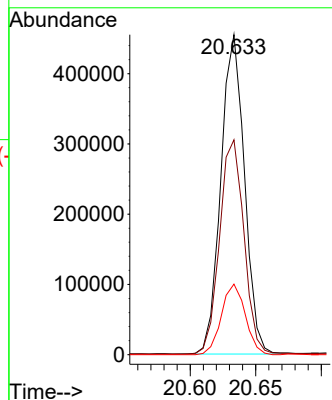
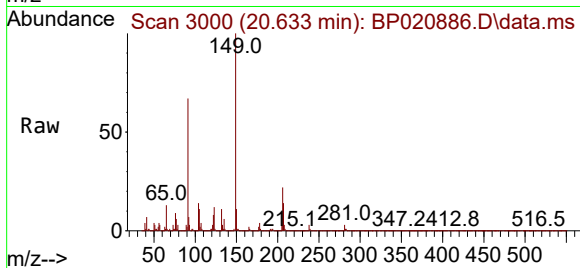
Tgt Ion:149 Resp: 569326

Ion Ratio Lower Upper

149 100

91 67.1 54.1 81.1

206 22.0 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 21.252 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

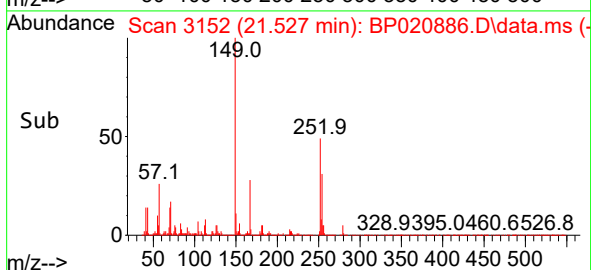
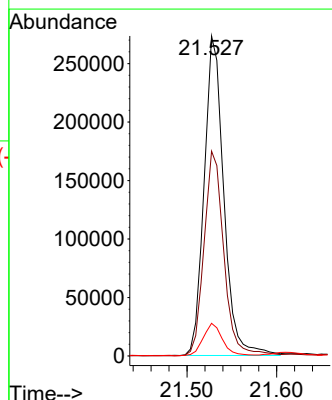
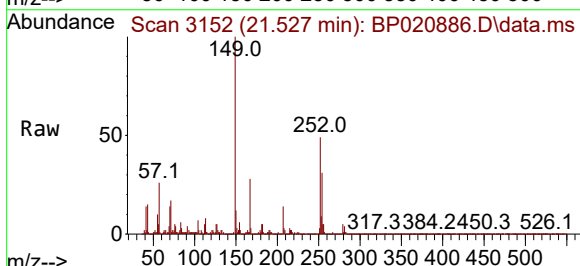
Tgt Ion:252 Resp: 416430

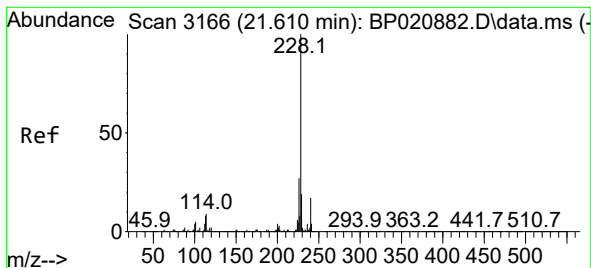
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 10.2 8.0 12.0





#85

Benzo(a)anthracene

Concen: 19.896 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

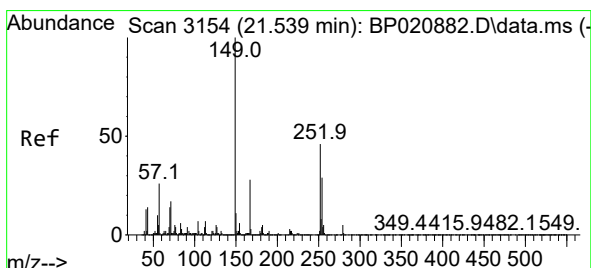
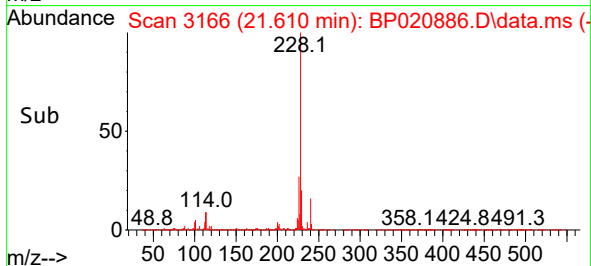
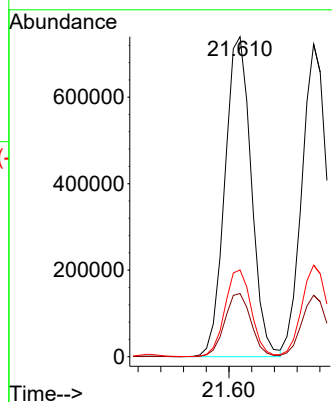
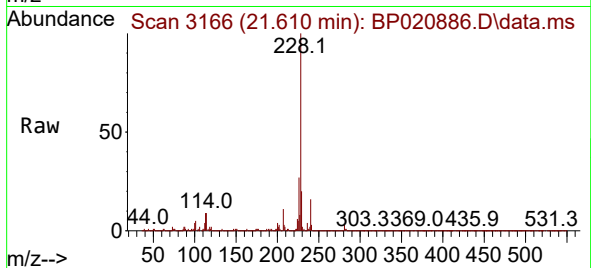
Tgt Ion:228 Resp: 1195161

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.1 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.671 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

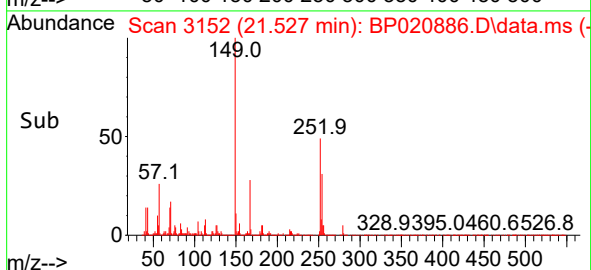
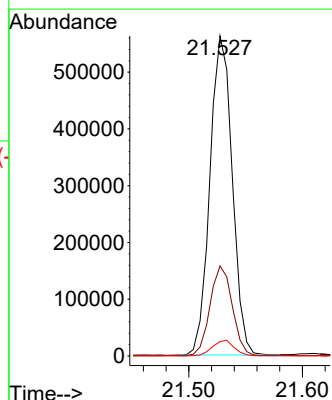
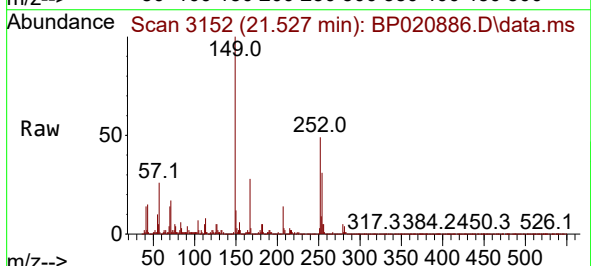
Tgt Ion:149 Resp: 768405

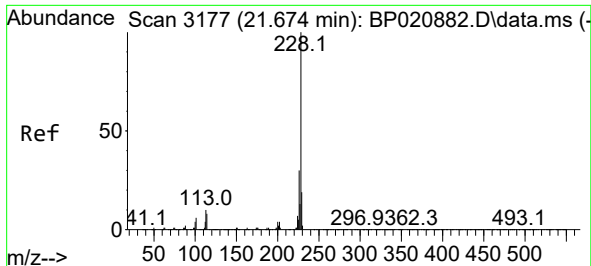
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.5 3.7 5.5





#87

Chrysene

Concen: 20.054 ng/ul

RT: 21.674 min Scan# 3177

Delta R.T. 0.000 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

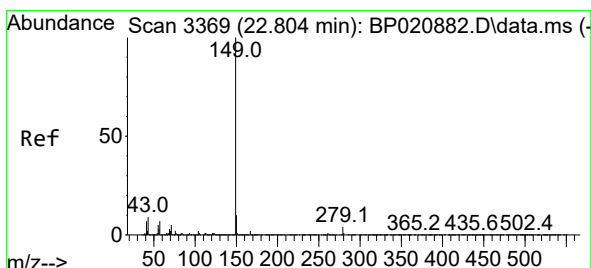
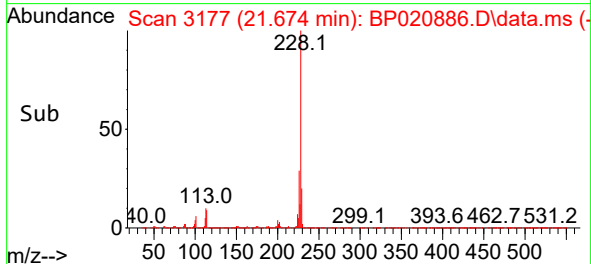
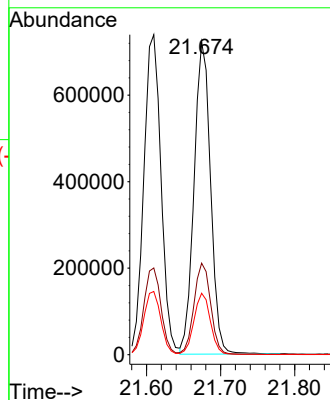
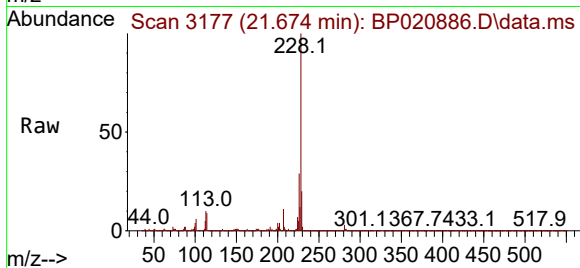
Tgt Ion:228 Resp: 1119383

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 21.186 ng/ul

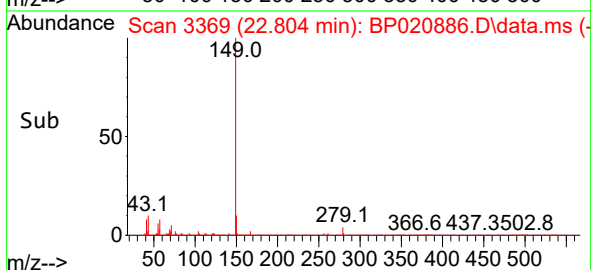
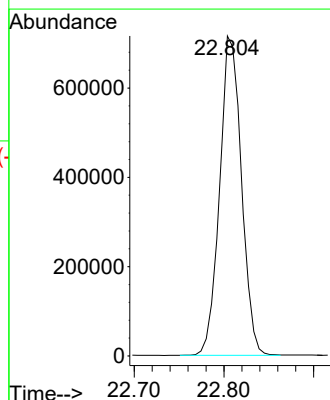
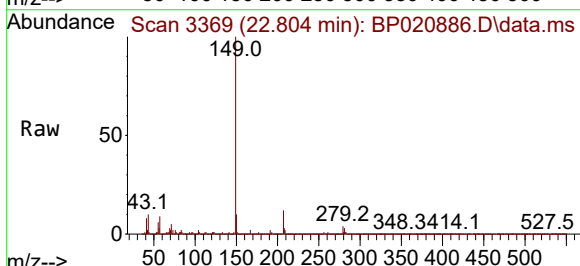
RT: 22.804 min Scan# 3369

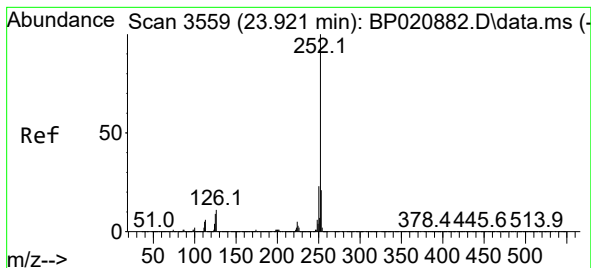
Delta R.T. 0.000 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Tgt Ion:149 Resp: 1206874





#90

Benzo(b)fluoranthene

Concen: 20.145 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. -0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

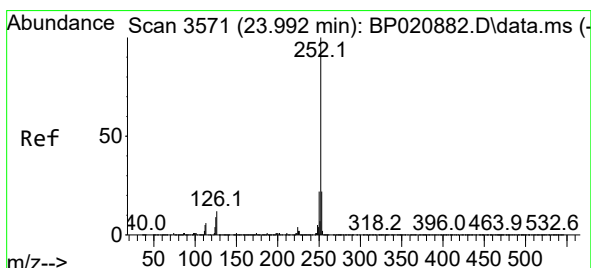
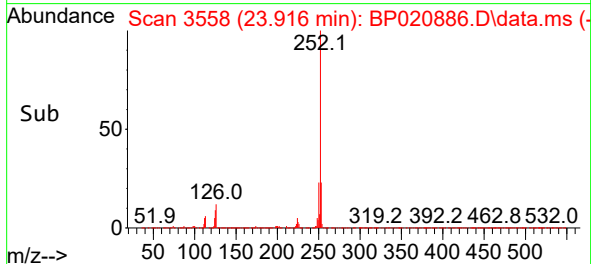
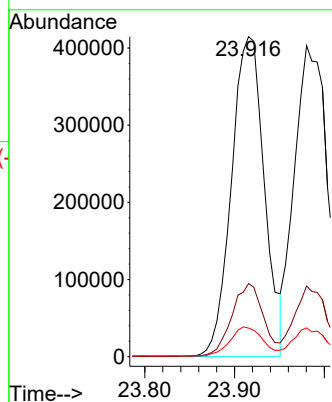
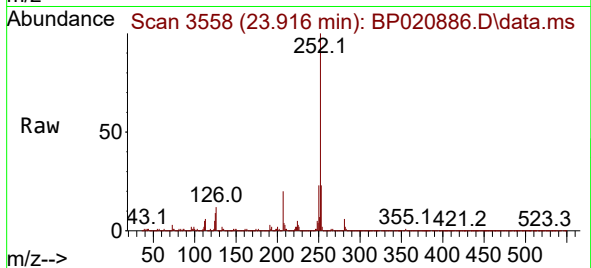
Tgt Ion:252 Resp: 1054197

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 8.9 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 19.951 ng/ul

RT: 23.980 min Scan# 3569

Delta R.T. -0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

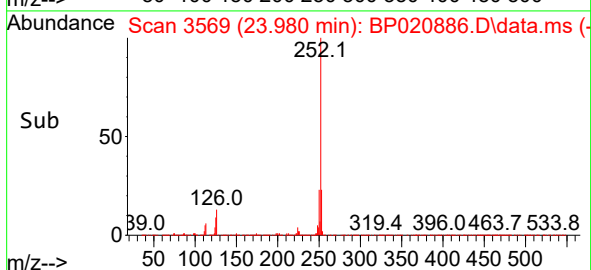
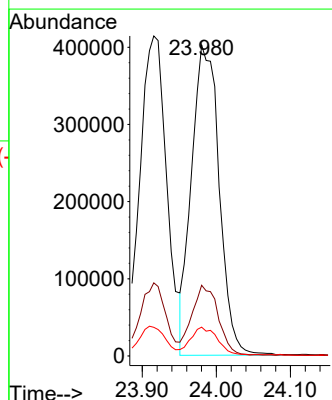
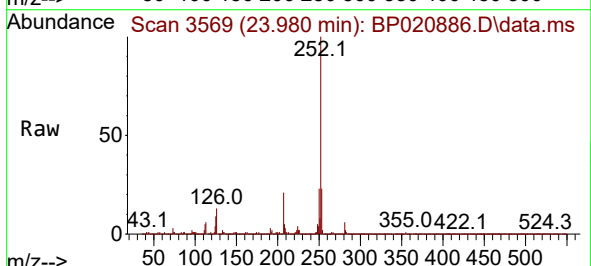
Tgt Ion:252 Resp: 1041931

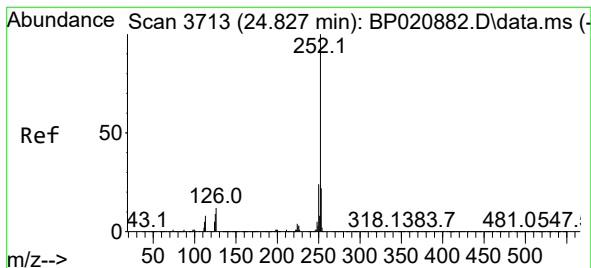
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 9.3 7.4 11.0





#93

Benzo(a)pyrene

Concen: 20.446 ng/ul

RT: 24.821 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

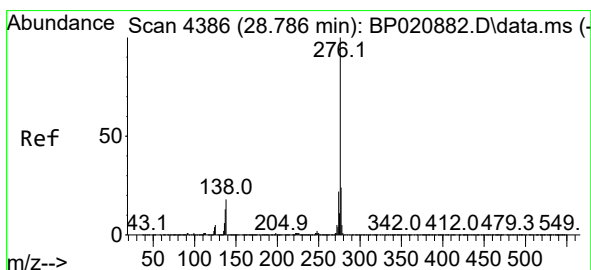
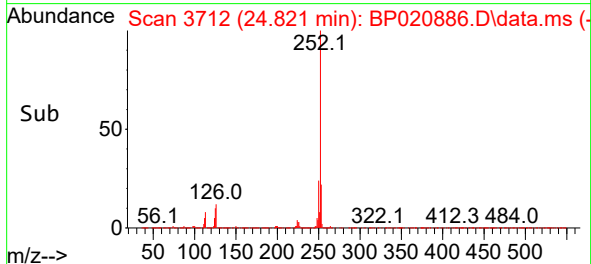
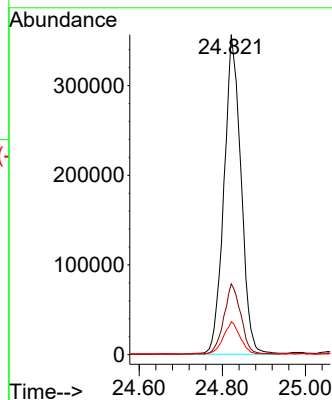
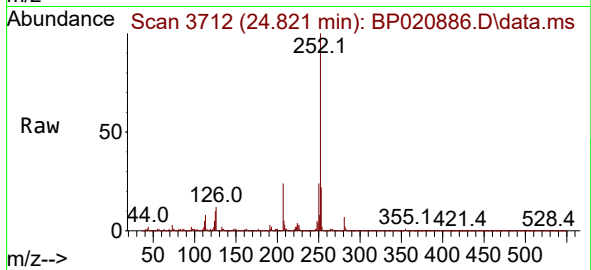
Tgt Ion:252 Resp: 1011081

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.3 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.707 ng/ul

RT: 28.798 min Scan# 4388

Delta R.T. 0.012 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

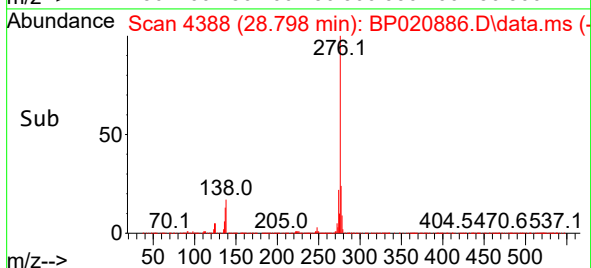
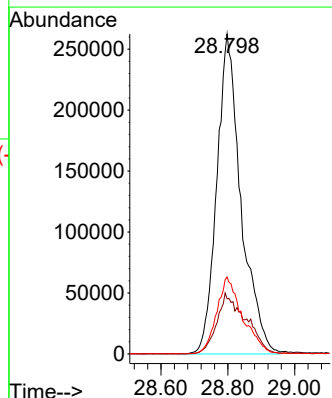
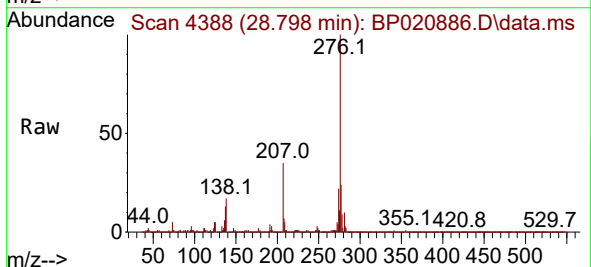
Tgt Ion:276 Resp: 1319515

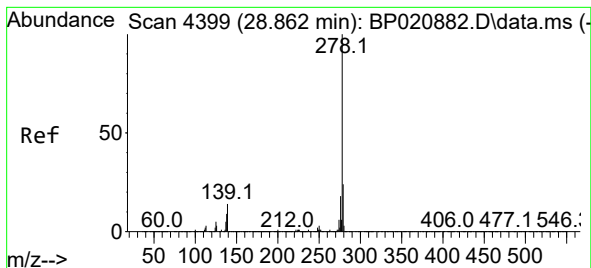
Ion Ratio Lower Upper

276 100

138 17.2 14.3 21.5

277 24.1 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 6.622 ng/ul

RT: 28.839 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

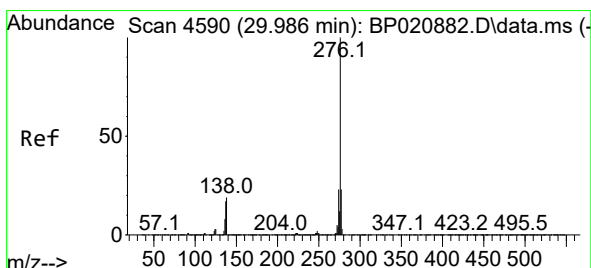
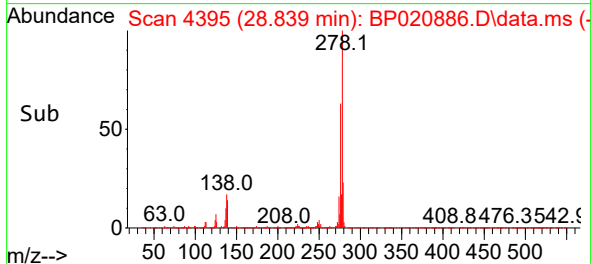
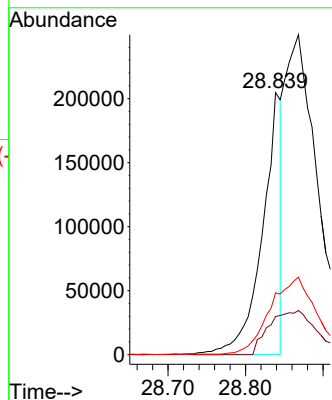
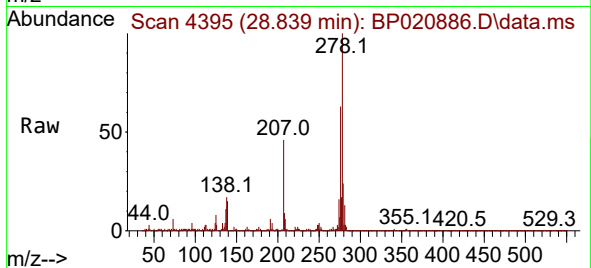
Tgt Ion:278 Resp: 349438

Ion Ratio Lower Upper

278 100

139 14.6 10.9 16.3

279 23.6 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 10.965 ng/ul

RT: 29.968 min Scan# 4587

Delta R.T. -0.018 min

Lab File: BP020886.D

Acq: 10 Jul 2024 18:52

Tgt Ion:276 Resp: 569063

Ion Ratio Lower Upper

276 100

138 20.2 15.3 22.9

277 24.3 18.2 27.2

