

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020103.D
 Acq On : 23 Apr 2024 13:40
 Operator : MA/JU
 Sample : SSTD16099
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160621

Quant Time: Apr 23 23:59:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	148447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	569481	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	299420	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	555131	20.000	ng/u1	0.00
79) Chrysene-d12	21.668	240	550469	20.000	ng/u1	0.01
88) Perylene-d12	25.062	264	596606	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	198486	60.747	ng/uL	0.00
4) Pyridine-d5	3.622	84	1569882	160.216	ng/u1	-0.01
7) Phenol-d5	6.834	99	2003237	160.908	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.998	67	1266445	156.488	ng/u1	0.01
11) 2-Chlorophenol-d4	7.181	132	1436347	159.571	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	1534651	160.486	ng/u1	0.02
21) Nitrobenzene-d5	8.810	128	714031	168.416	ng/u1	0.02
24) 2-Nitrophenol-d4	9.516	143	820711	167.563	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.057	165	1487593	166.229	ng/u1	0.01
31) 4-Chloroaniline-d4	10.575	131	1658487	147.358	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	3416806	163.310	ng/u1	0.02
49) Acenaphthylene-d8	14.010	160	3860764	157.223	ng/u1	0.01
54) 4-Nitrophenol-d4	14.580	143	514071	164.201	ng/u1	0.02
60) Fluorene-d10	15.345	176	2607191	144.390	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	529458	198.803	ng/u1	0.01
73) Anthracene-d10	17.268	188	3846217	156.442	ng/u1	0.01
81) Pyrene-d10	19.668	212	4727147	150.909	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.844	264	4737489	163.340	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	218498	57.946	ng/uL	99
5) Pyridine	3.646	79	1599371	159.469	ng/u1	98
6) Benzaldehyde	6.810	77	732842	104.446	ng/u1	96
8) Phenol	6.869	94	2079926	159.961	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.092	93	1623749	156.441	ng/u1	97
12) 2-Chlorophenol	7.216	128	1491089	159.847	ng/u1	97
13) 2-Methylphenol	8.087	108	1501674	159.091	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	2203387	152.650	ng/u1	99
16) Acetophenone	8.481	105	2425901	154.484	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.487	70	1360175	152.660	ng/u1	96
18) 4-Methylphenol	8.439	108	1592032	158.641	ng/u1	98
19) Hexachloroethane	8.692	117	684692	149.902	ng/u1	91
22) Nitrobenzene	8.857	77	2066400	160.030	ng/u1	96
23) Isophorone	9.386	82	3678488	157.756	ng/u1	99
25) 2-Nitrophenol	9.551	139	839591	165.483	ng/u1	98
26) 2,4-Dimethylphenol	9.616	107	1775181	160.533	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.851	93	2128060	159.619	ng/u1	100
29) 2,4-Dichlorophenol	10.081	162	1424248	163.500	ng/u1	98
30) Naphthalene	10.475	128	4454084	150.653	ng/u1	99
32) 4-Chloroaniline	10.598	127	1621374	146.917	ng/u1	98
33) Hexachlorobutadiene	10.728	225	1221473	162.689	ng/u1	99
34) Caprolactam	11.457	113	280707	125.420	ng/u1	97
35) 4-Chloro-3-methylphenol	11.745	107	1500951	150.988	ng/u1	98
36) 2-Methylnaphthalene	12.092	142	2843273	145.366	ng/u1	100

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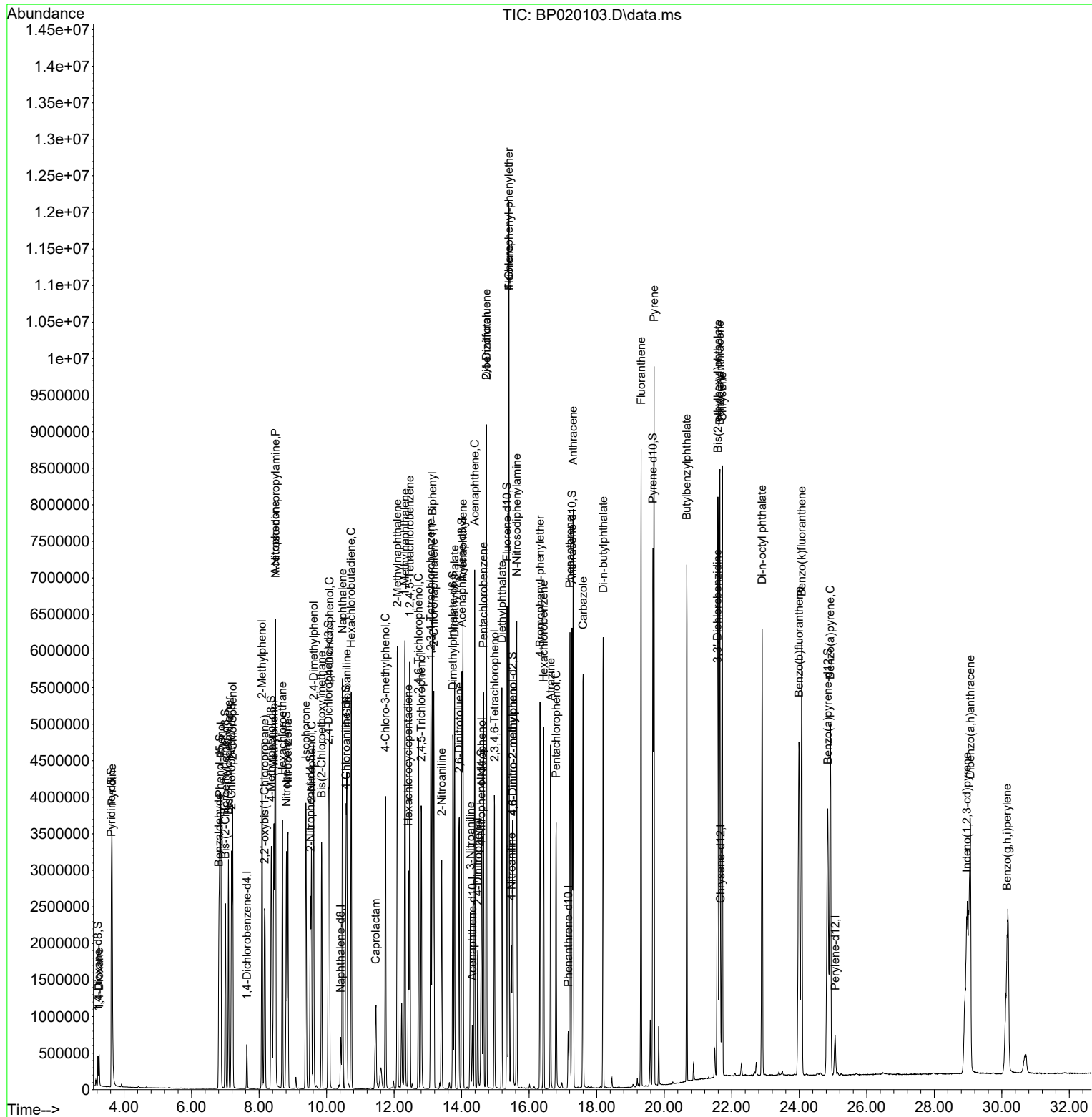
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	2838750	145.813	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	1851953	176.790	ng/ul	97
40) Hexachlorocyclopentadiene	12.422	237	856160	226.330	ng/ul	97
41) 2,4,6-Trichlorophenol	12.727	196	1083991	172.589	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	1115418	171.221	ng/ul	96
43) 1,1'-Biphenyl	13.133	154	3609878	166.630	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	2862386	163.128	ng/ul	99
45) 2-Nitroaniline	13.410	65	959306	169.086	ng/ul	95
47) Dimethylphthalate	13.792	163	3370131	158.319	ng/ul	100
48) 2,6-Dinitrotoluene	13.927	165	715557	168.155	ng/ul	95
50) Acenaphthylene	14.039	152	4176379	152.066	ng/ul	99
51) 3-Nitroaniline	14.263	138	595493	141.824	ng/ul	96
52) Acenaphthene	14.386	153	2722387	150.570	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	390203	215.758	ng/ul	91
55) 4-Nitrophenol	14.598	109	552548	169.381	ng/ul	93
56) Dibenzofuran	14.733	168	3644969	145.664	ng/ul	98
57) 2,4-Dinitrotoluene	14.733	165	915053	151.622	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.974	232	871284	149.899	ng/ul#	94
59) Diethylphthalate	15.192	149	3144352	150.172	ng/ul	99
61) Fluorene	15.404	166	2919890	141.955	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	1693537	151.509	ng/ul	92
63) 4-Nitroaniline	15.474	138	514346	132.805	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.521	198	554241	198.777	ng/ul#	93
67) N-Nitrosodiphenylamine	15.633	169	2405971	164.443	ng/ul	99
68) 4-Bromophenyl-phenylether	16.321	248	1034019	170.890	ng/ul	95
69) Hexachlorobenzene	16.427	284	1138020	166.099	ng/ul	98
70) Atrazine	16.633	200	860597	151.758	ng/ul	100
71) Pentachlorophenol	16.798	266	727067	169.895	ng/ul	98
72) Phenanthrene	17.210	178	4433303	155.749	ng/ul	99
74) Anthracene	17.304	178	4453103	154.012	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.086	216	1753913	195.378	ng/ul	99
76) Pentachlorobenzene	14.645	250	1443456	173.666	ng/ul	98
77) Carbazole	17.598	167	3916713	153.841	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4804011	156.040	ng/ul	99
80) Fluoranthene	19.315	202	5585471	153.157	ng/ul	98
82) Pyrene	19.698	202	5666974	149.128	ng/ul	98
83) Butylbenzylphthalate	20.668	149	2312429	151.282	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.574	252	1463172	141.481	ng/ul	97
85) Benzo(a)anthracene	21.651	228	5975027	156.543	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	3392572	150.960	ng/ul	99
87) Chrysene	21.721	228	5570376	157.762	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	5943162	158.922	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	5856948	162.213	ng/ul	99
91) Benzo(k)fluoranthene	24.074	252	5724104	161.864	ng/ul	99
93) Benzo(a)pyrene	24.921	252	5498838	162.922	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.962	276	3474662	86.024	ng/ul	98
95) Dibenzo(a,h)anthracene	29.068	278	5552237	167.402	ng/ul	98
96) Benzo(g,h,i)perylene	30.156	276	2601989	82.093	ng/ul	97

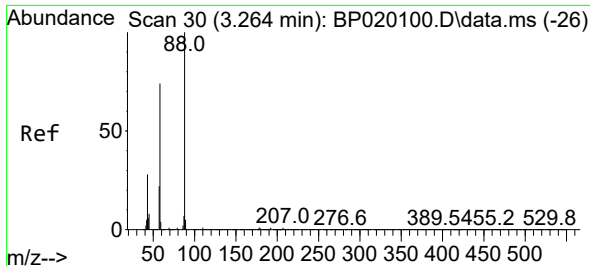
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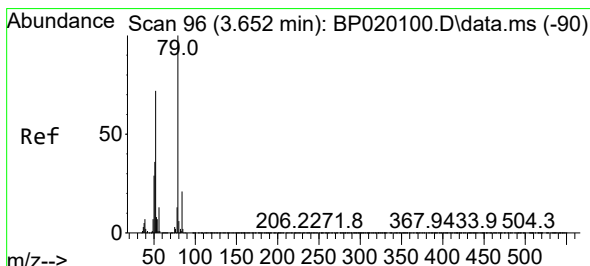
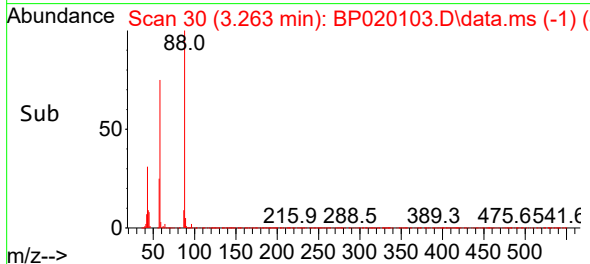
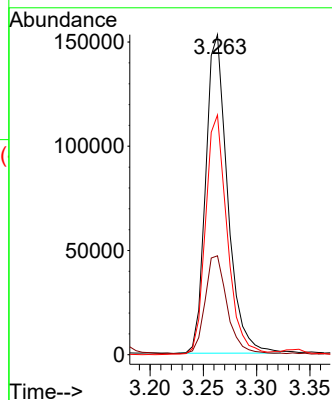
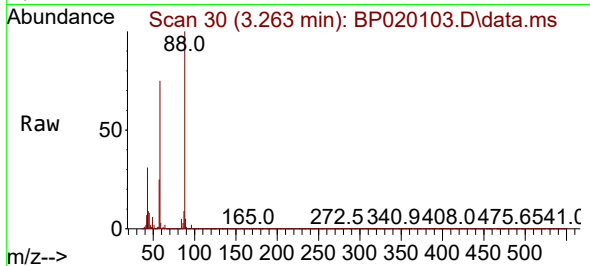




#2
 1,4-Dioxane
 Concen: 57.946 ng/uL
 RT: 3.263 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BP020103.D
 Acq: 23 Apr 2024 13:40

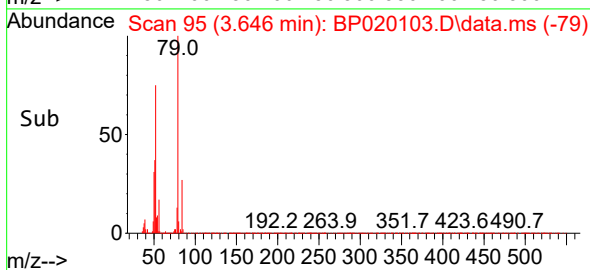
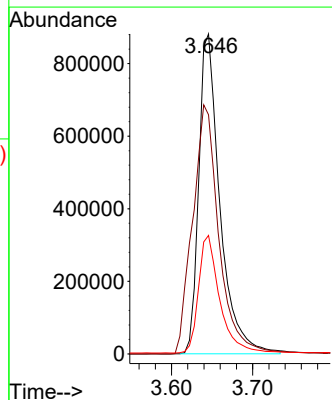
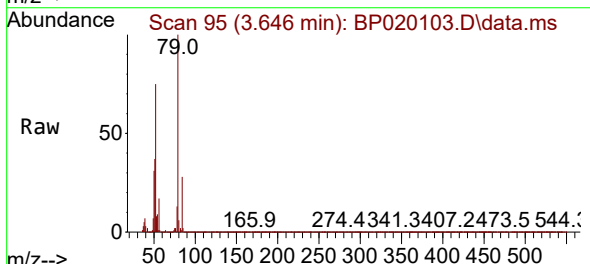
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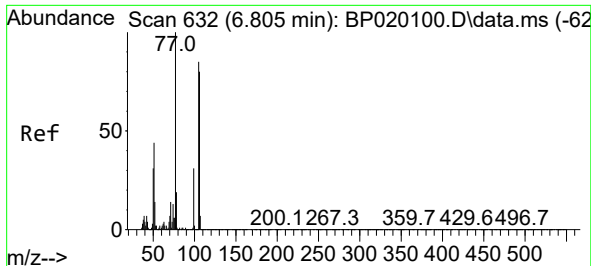
Tgt Ion: 88 Resp: 218498
 Ion Ratio Lower Upper
 88 100
 43 30.9 24.0 36.0
 58 74.9 59.1 88.7



#5
 Pyridine
 Concen: 159.469 ng/uL
 RT: 3.646 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: BP020103.D
 Acq: 23 Apr 2024 13:40

Tgt Ion: 79 Resp: 1599371
 Ion Ratio Lower Upper
 79 100
 52 74.8 57.9 86.9
 51 37.0 29.6 44.4

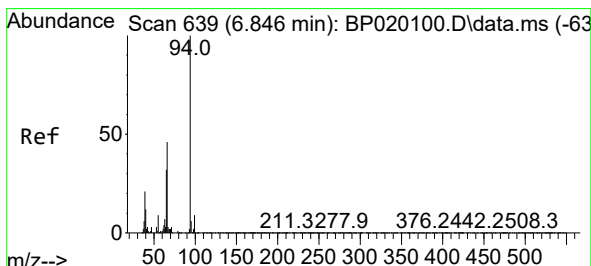
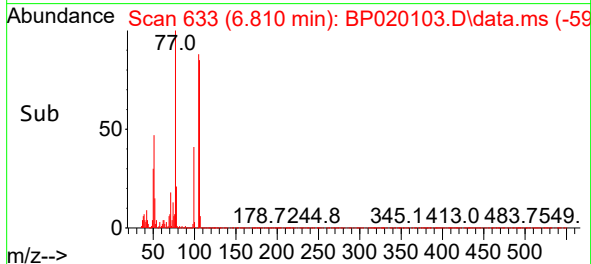
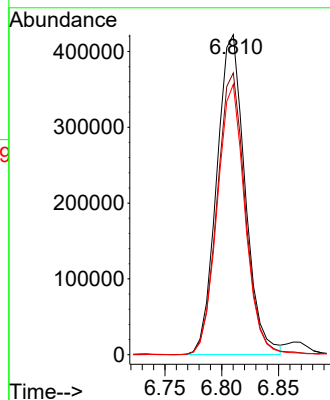
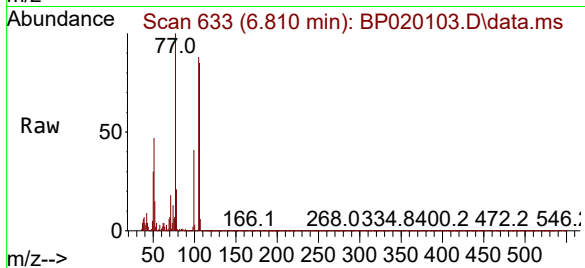




#6
Benzaldehyde
Concen: 104.446 ng/ul
RT: 6.810 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

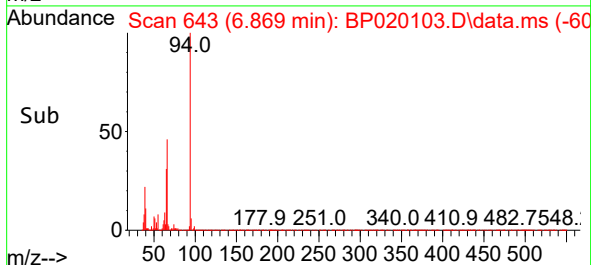
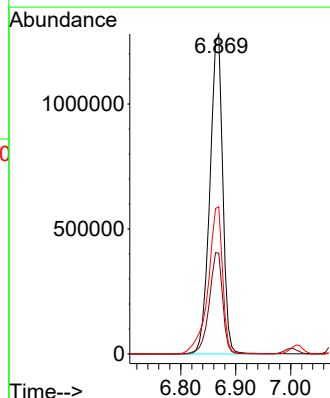
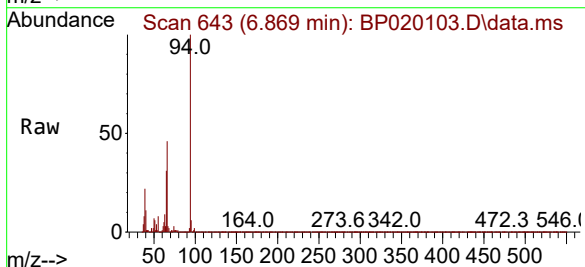
Instrument :
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ClientSampleId :
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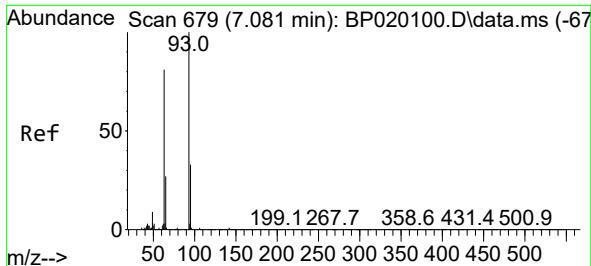
Tgt Ion: 77 Resp: 732842
Ion Ratio Lower Upper
77 100
105 88.1 67.9 101.9
106 84.5 63.9 95.9



#8
Phenol
Concen: 159.961 ng/ul
RT: 6.869 min Scan# 643
Delta R.T. 0.023 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion: 94 Resp: 2079926
Ion Ratio Lower Upper
94 100
65 31.5 25.5 38.3
66 46.0 36.9 55.3



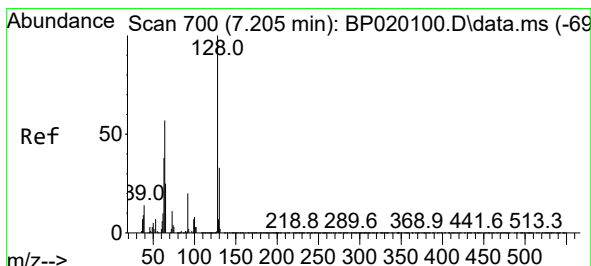
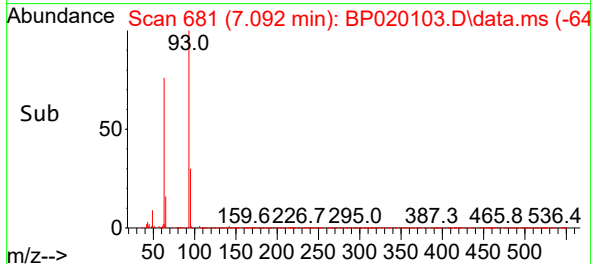
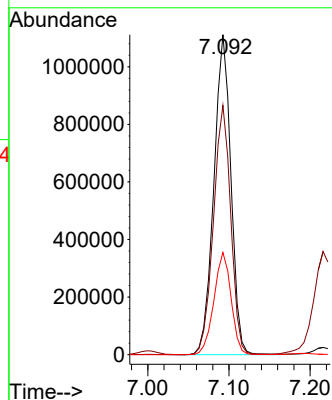
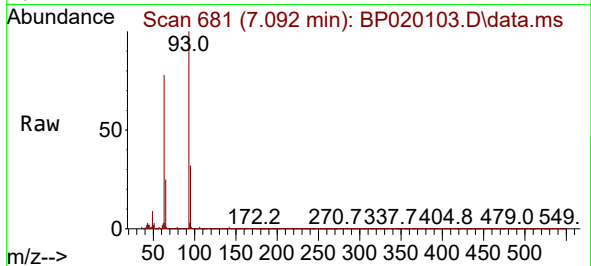


#10
Bis(2-Chloroethyl)ether
Concen: 156.441 ng/ul
RT: 7.092 min Scan# 61
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Instrument :
BNA_P
ClientSampleId :
SSTD160621

Tgt Ion: 93 Resp: 1623749

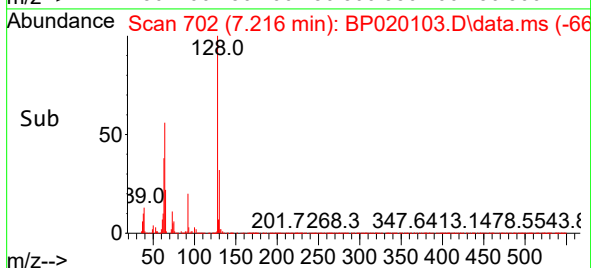
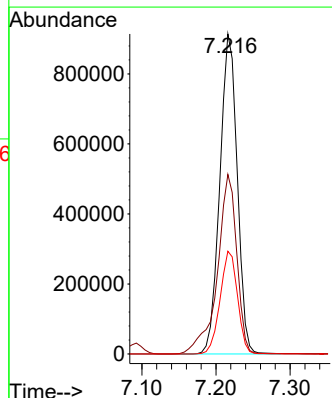
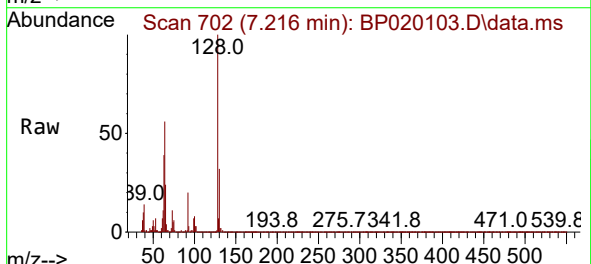
Ion	Ratio	Lower	Upper
93	100		
63	77.9	64.7	97.1
95	32.0	26.2	39.4

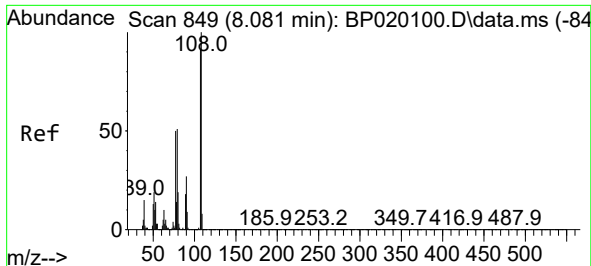


#12
2-Chlorophenol
Concen: 159.847 ng/ul
RT: 7.216 min Scan# 702
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion: 128 Resp: 1491089

Ion	Ratio	Lower	Upper
128	100		
64	56.1	47.3	70.9
130	32.1	26.1	39.1





#13

2-Methylphenol

Concen: 159.091 ng/ul

RT: 8.087 min Scan# 8

Delta R.T. 0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

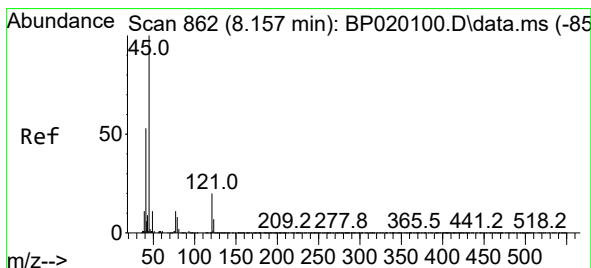
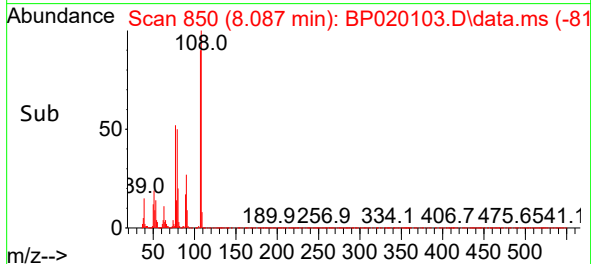
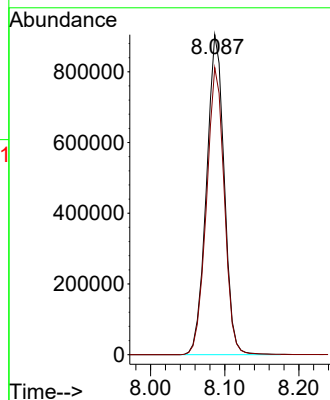
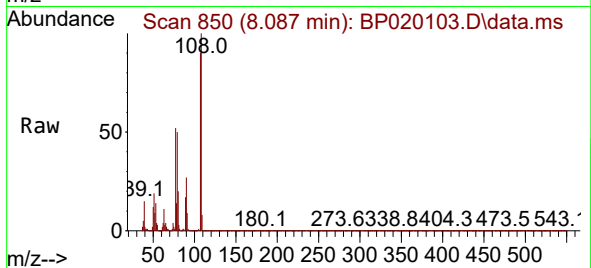
SSTD160621

Tgt Ion:108 Resp: 1501674

Ion Ratio Lower Upper

108 100

107 89.7 72.8 109.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 152.650 ng/ul

RT: 8.163 min Scan# 863

Delta R.T. 0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

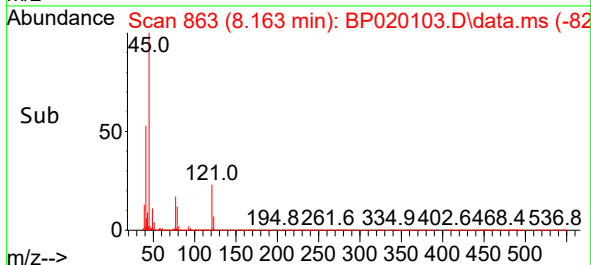
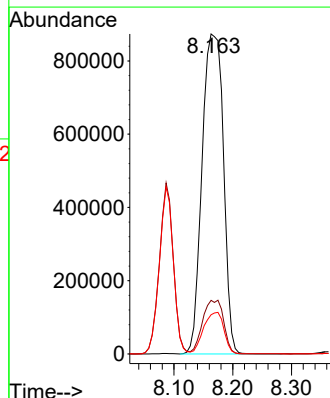
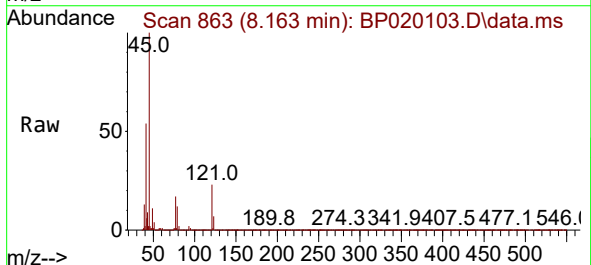
Tgt Ion: 45 Resp: 2203387

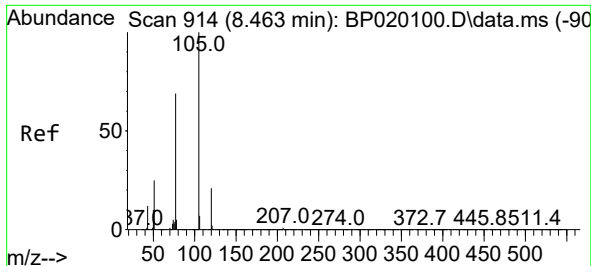
Ion Ratio Lower Upper

45 100

77 16.7 13.4 20.2

79 12.2 10.7 16.1

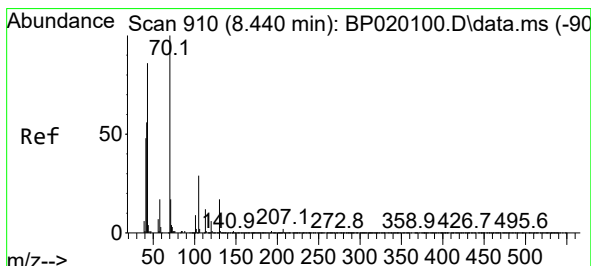
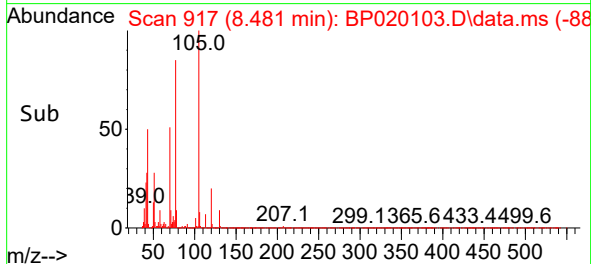
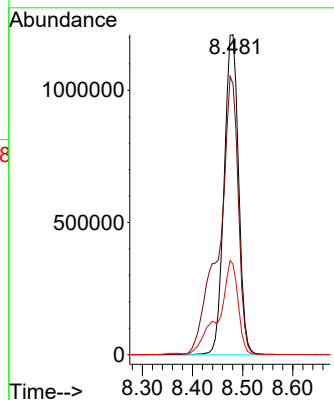
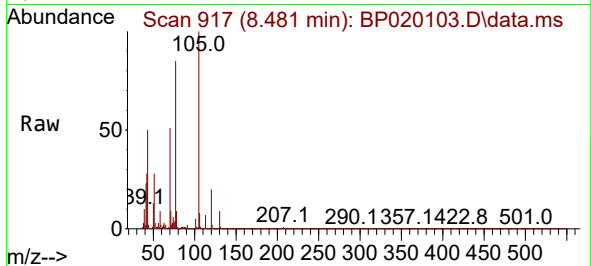




#16
Acetophenone
Concen: 154.484 ng/ul
RT: 8.481 min Scan# 917
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

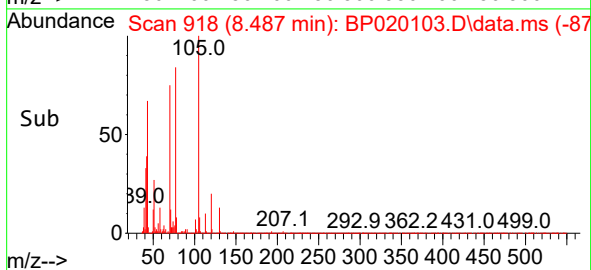
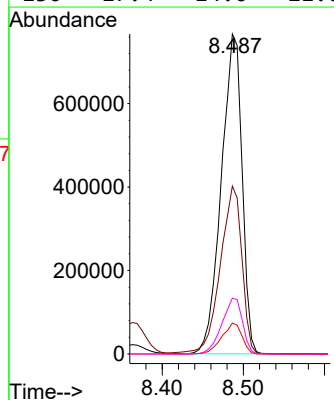
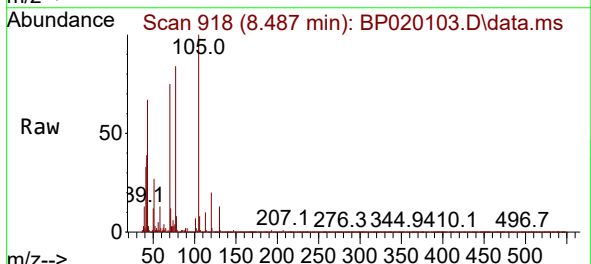
Instrument :
BNA_P
ClientSampleId :
SSTD160621

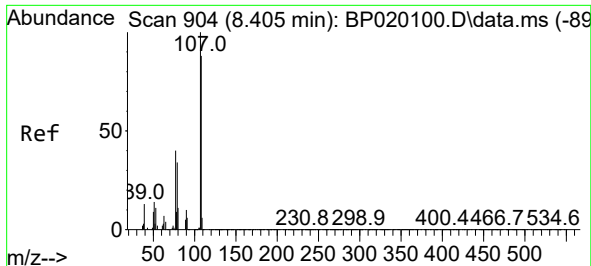
Tgt Ion:105 Resp: 2425901
Ion Ratio Lower Upper
105 100
77 84.6 69.8 104.8
51 28.2 25.0 37.4



#17
N-Nitroso-di-n-propylamine
Concen: 152.660 ng/ul
RT: 8.487 min Scan# 918
Delta R.T. 0.047 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion: 70 Resp: 1360175
Ion Ratio Lower Upper
70 100
42 52.5 45.3 67.9
101 9.7 7.5 11.3
130 17.4 14.0 21.0

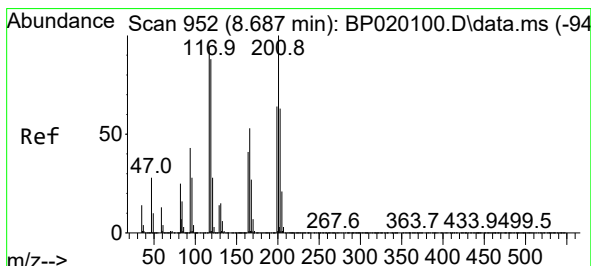
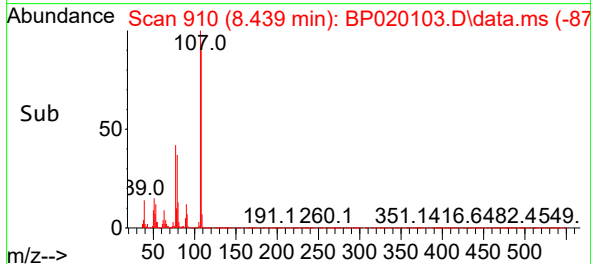
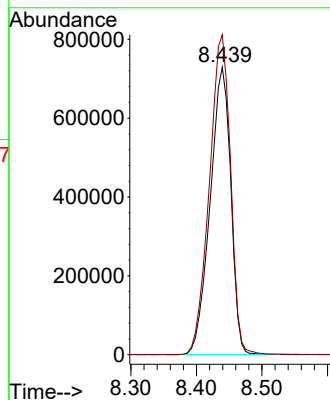
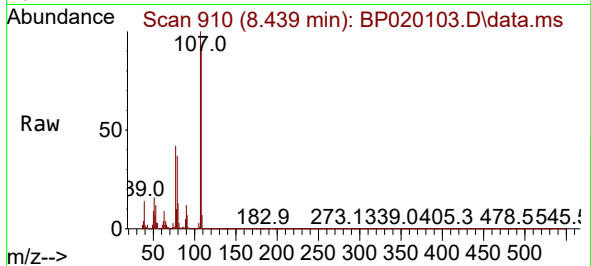




#18
4-Methylphenol
Concen: 158.641 ng/ul
RT: 8.439 min Scan# 910
Delta R.T. 0.035 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

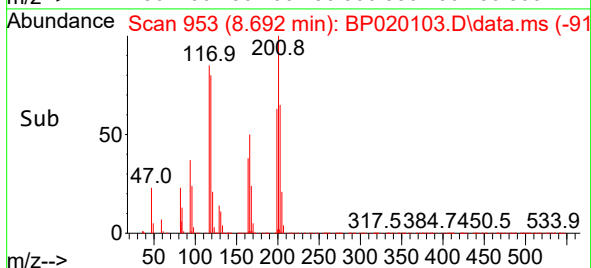
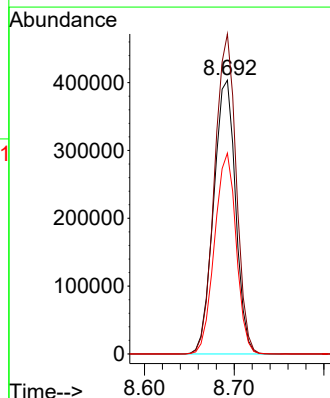
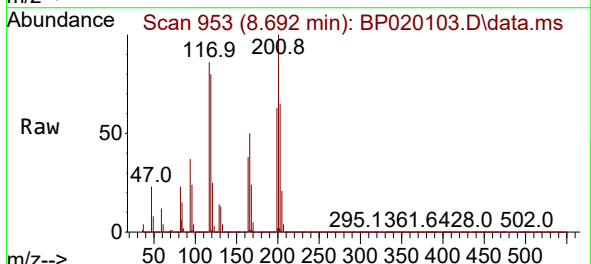
Instrument :
BNA_P
ClientSampleId :
SSTD160621

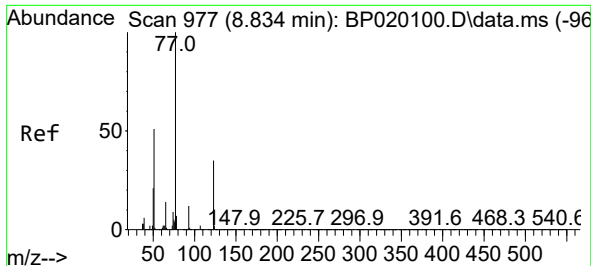
Tgt Ion:108 Resp: 1592032
Ion Ratio Lower Upper
108 100
107 111.3 90.5 135.7



#19
Hexachloroethane
Concen: 149.902 ng/ul
RT: 8.692 min Scan# 953
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:117 Resp: 684692
Ion Ratio Lower Upper
117 100
201 116.9 85.2 127.8
199 73.4 54.3 81.5

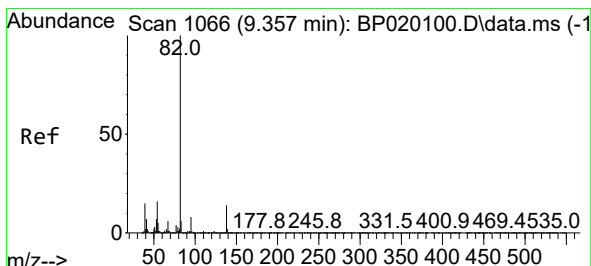
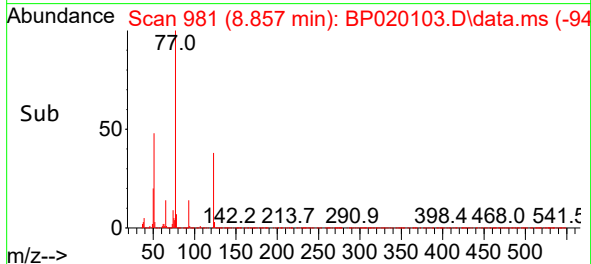
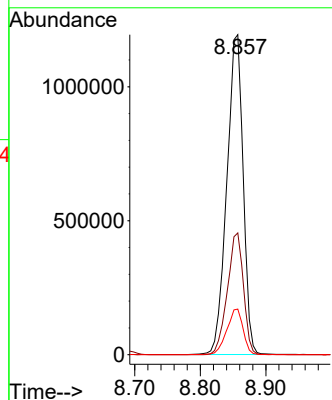
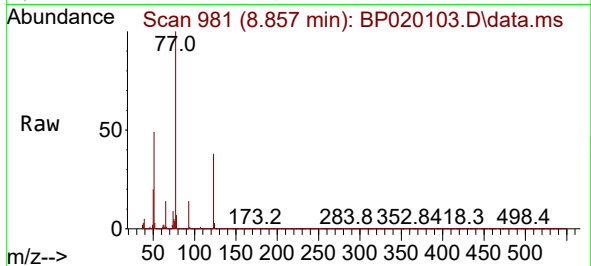




#22
Nitrobenzene
Concen: 160.030 ng/ul
RT: 8.857 min Scan# 91
Delta R.T. 0.023 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

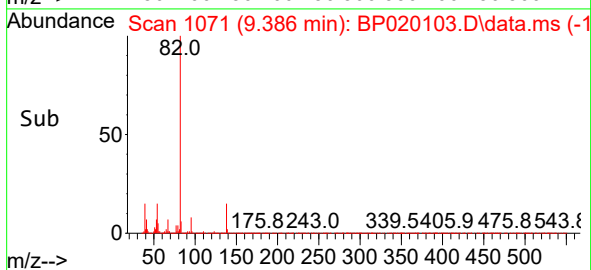
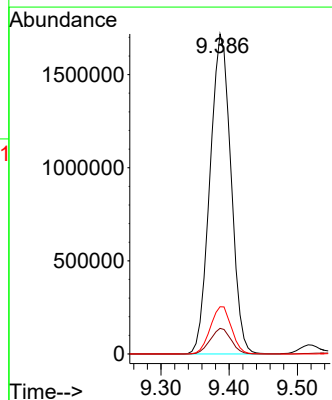
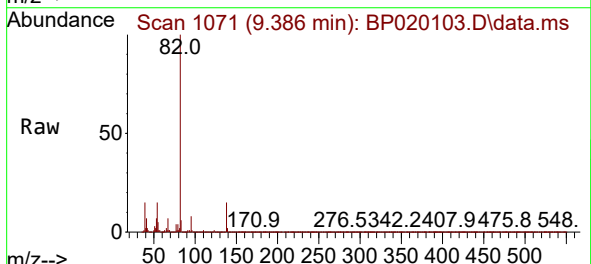
Instrument :
BNA_P
ClientSampleId :
SSTD160621

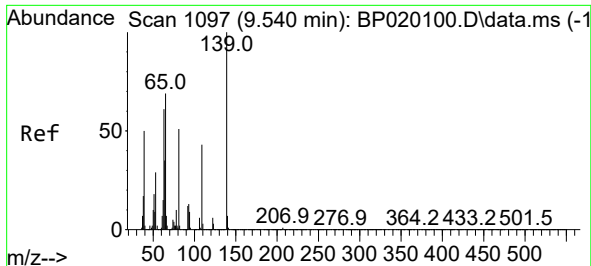
Tgt Ion: 77 Resp: 2066400
Ion Ratio Lower Upper
77 100
123 38.1 27.8 41.6
65 14.3 11.5 17.3



#23
Isophorone
Concen: 157.756 ng/ul
RT: 9.386 min Scan# 1071
Delta R.T. 0.029 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion: 82 Resp: 3678488
Ion Ratio Lower Upper
82 100
95 8.0 6.5 9.7
138 14.8 11.4 17.2

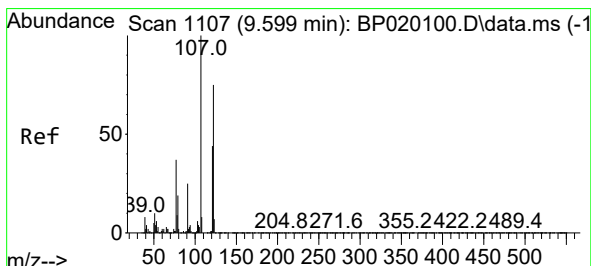
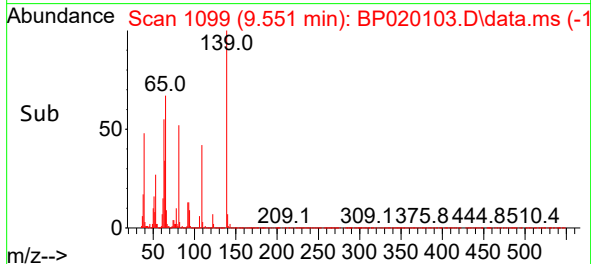
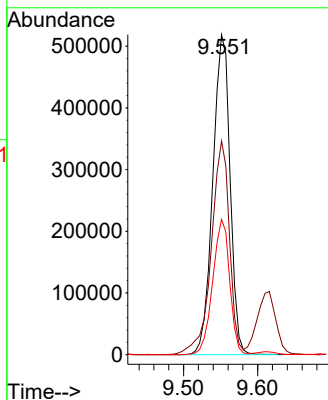
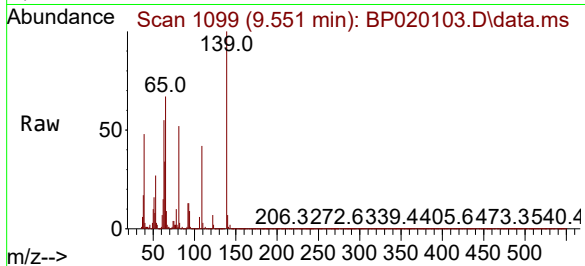




#25
2-Nitrophenol
Concen: 165.483 ng/ul
RT: 9.551 min Scan# 1099
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

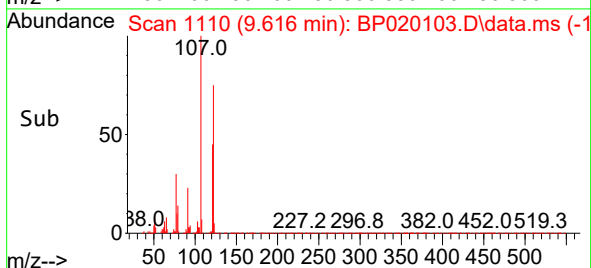
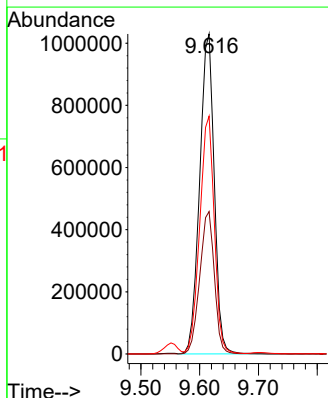
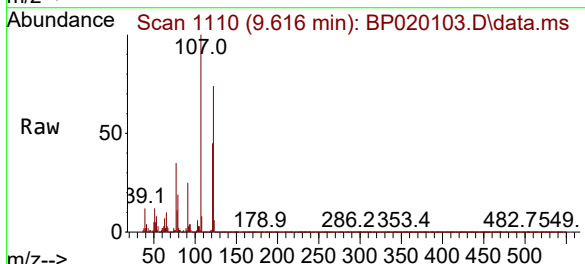
Instrument :
BNA_P
ClientSampleId :
SSTD160621

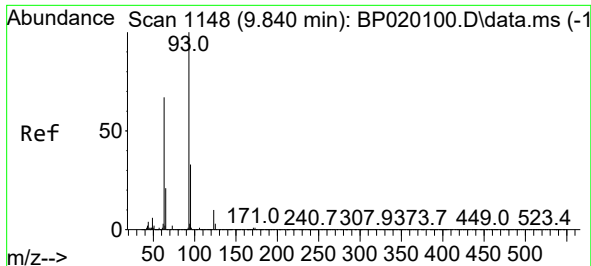
Tgt Ion:139 Resp: 839591
Ion Ratio Lower Upper
139 100
65 66.8 55.3 82.9
109 42.3 34.7 52.1



#26
2,4-Dimethylphenol
Concen: 160.533 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:107 Resp: 1775181
Ion Ratio Lower Upper
107 100
121 44.5 35.0 52.4
122 74.3 61.0 91.4

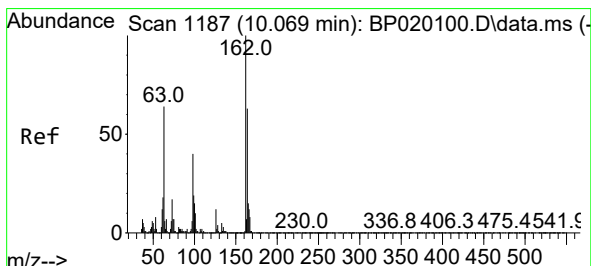
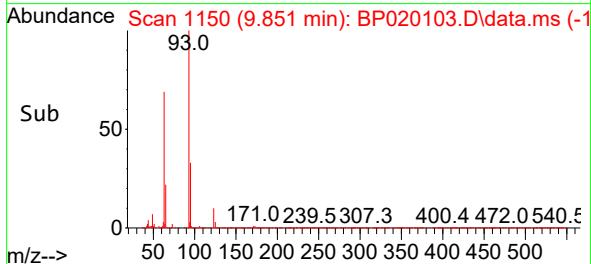
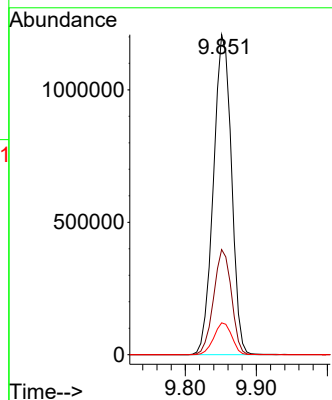
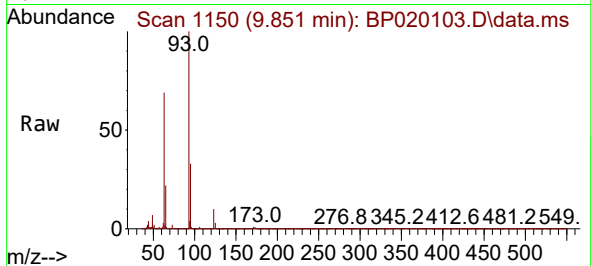




#27
Bis(2-Chloroethoxy)methane
Concen: 159.619 ng/ul
RT: 9.851 min Scan# 1148
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

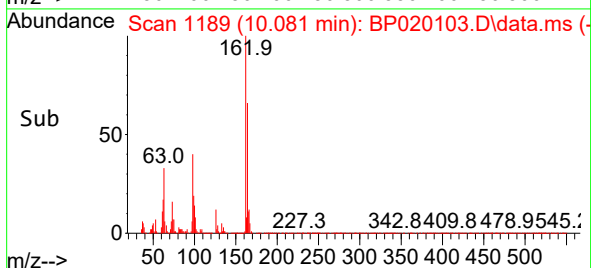
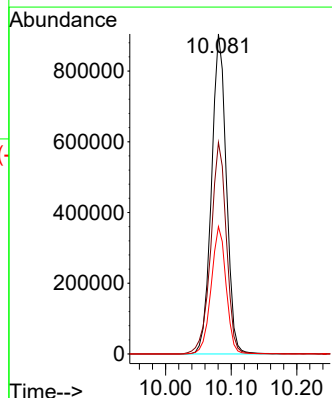
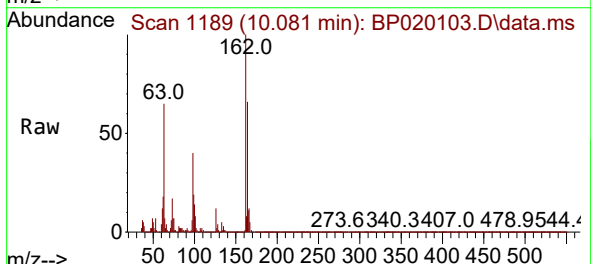
Instrument :
BNA_P
ClientSampleId :
SSTD160621

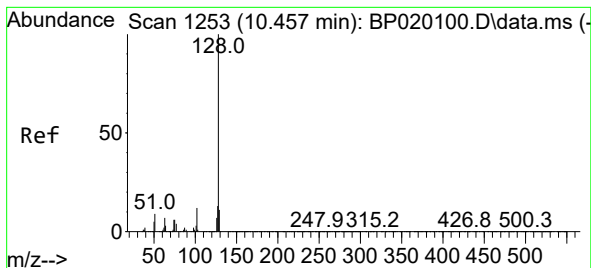
Tgt Ion: 93 Resp: 2128060
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 9.9 8.2 12.4



#29
2,4-Dichlorophenol
Concen: 163.500 ng/ul
RT: 10.081 min Scan# 1189
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:162 Resp: 1424248
Ion Ratio Lower Upper
162 100
164 66.1 50.5 75.7
98 39.8 31.8 47.6

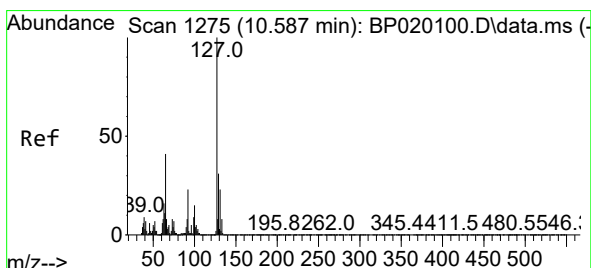
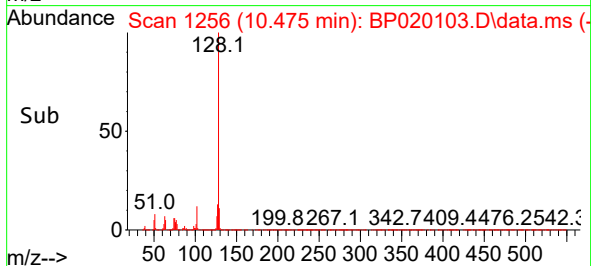
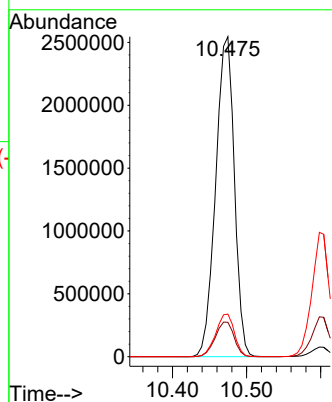
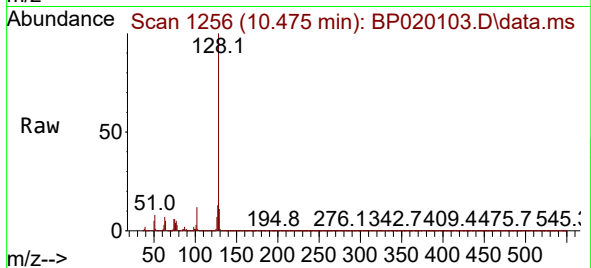




#30
Naphthalene
Concen: 150.653 ng/ul
RT: 10.475 min Scan# 1256
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

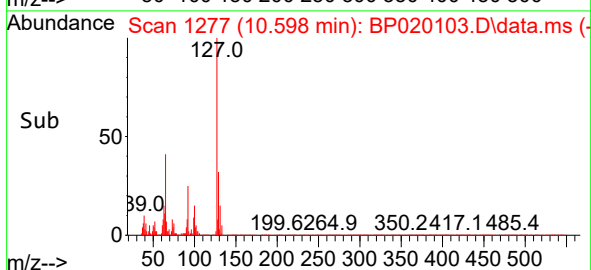
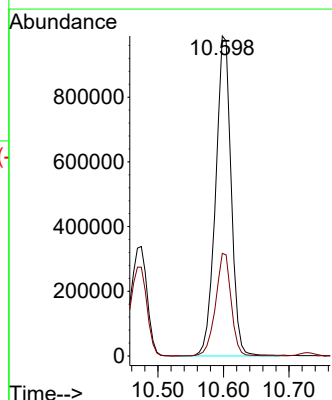
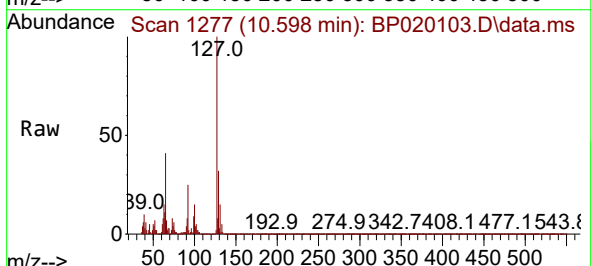
Instrument :
BNA_P
ClientSampleId :
SSTD160621

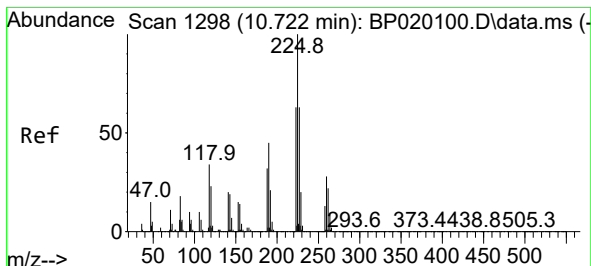
Tgt Ion:128 Resp: 4454084
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 146.917 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:127 Resp: 1621374
Ion Ratio Lower Upper
127 100
129 32.0 25.0 37.4





#33

Hexachlorobutadiene

Concen: 162.689 ng/ul

RT: 10.728 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

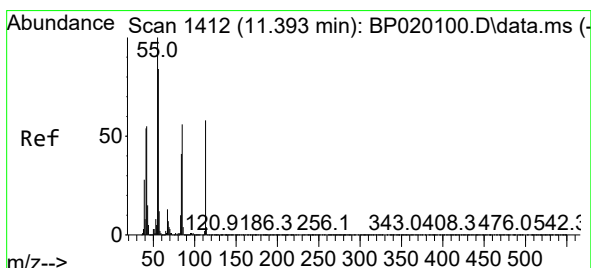
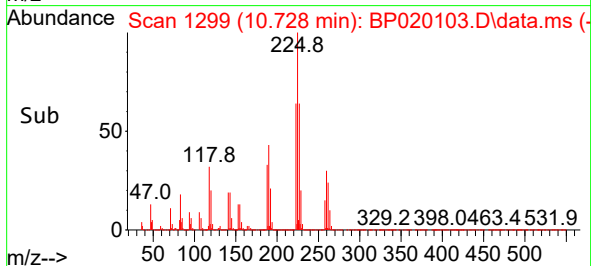
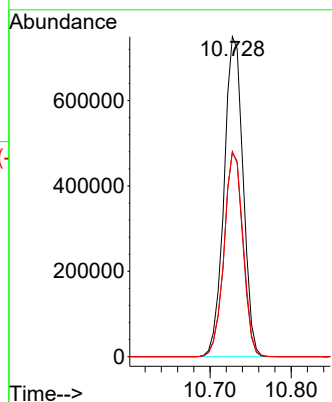
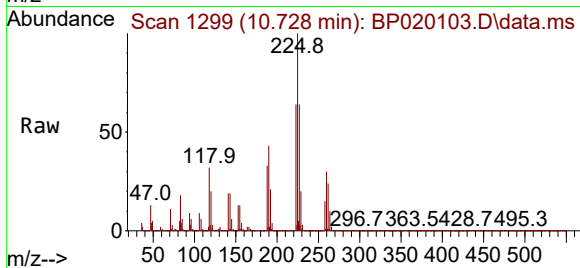
Tgt Ion:225 Resp: 1221473

Ion Ratio Lower Upper

225 100

223 64.0 50.8 76.2

227 63.9 50.7 76.1



#34

Caprolactam

Concen: 125.420 ng/ul

RT: 11.457 min Scan# 1423

Delta R.T. 0.064 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

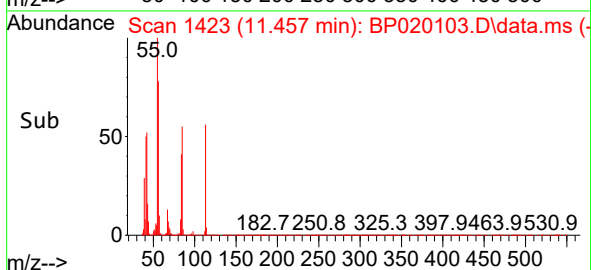
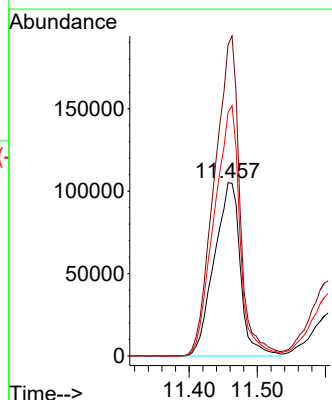
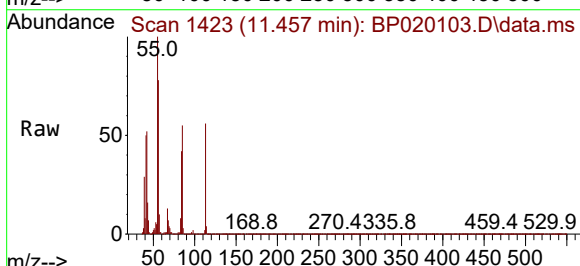
Tgt Ion:113 Resp: 280707

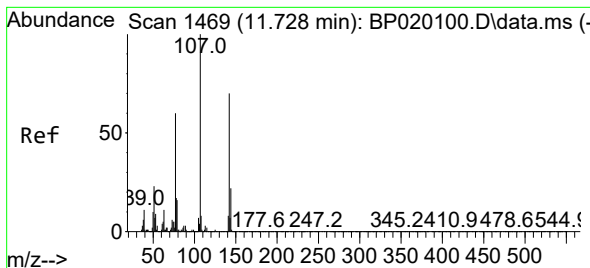
Ion Ratio Lower Upper

113 100

55 179.5 140.2 210.4

56 140.4 116.2 174.4

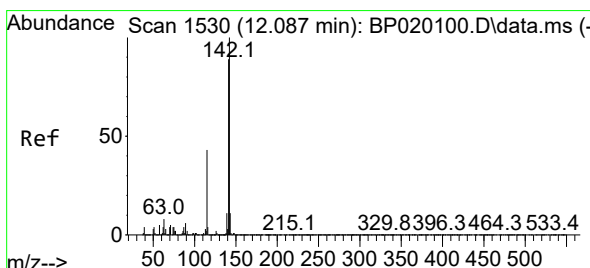
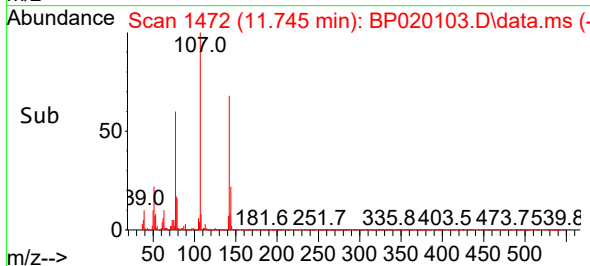
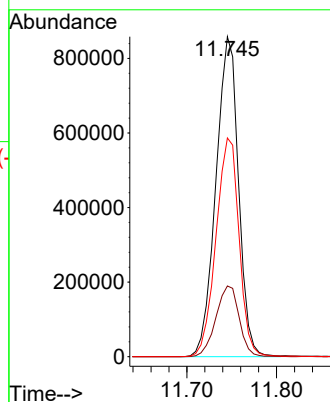
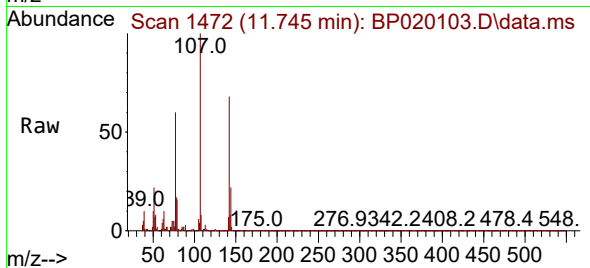




#35
4-Chloro-3-methylphenol
Concen: 150.988 ng/ul
RT: 11.745 min Scan# 1469
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

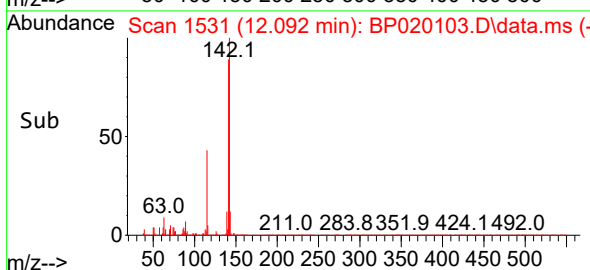
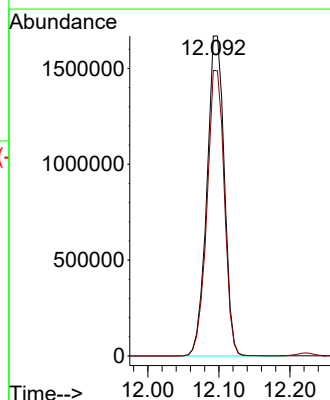
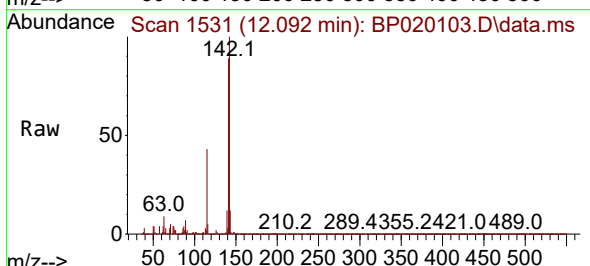
Instrument :
BNA_P
ClientSampleId :
SSTD160621

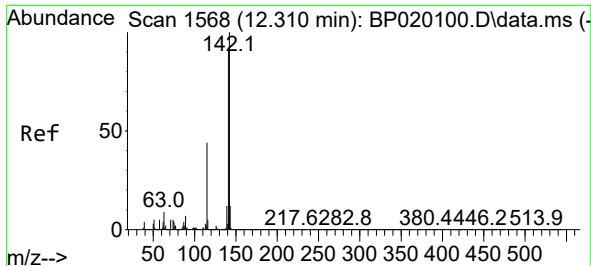
Tgt Ion:107 Resp: 1500951
Ion Ratio Lower Upper
107 100
144 22.1 17.9 26.9
142 68.3 56.2 84.4



#36
2-Methylnaphthalene
Concen: 145.366 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:142 Resp: 2843273
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2

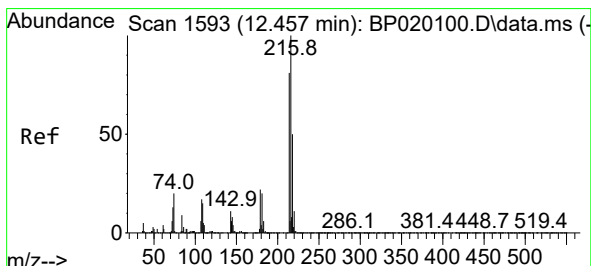
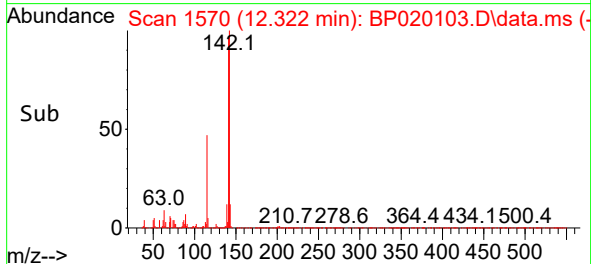
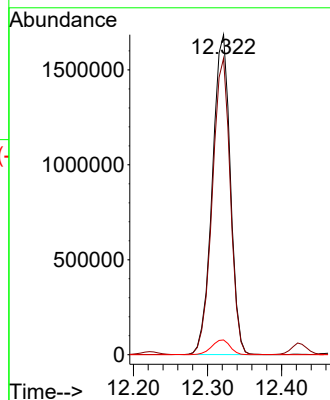
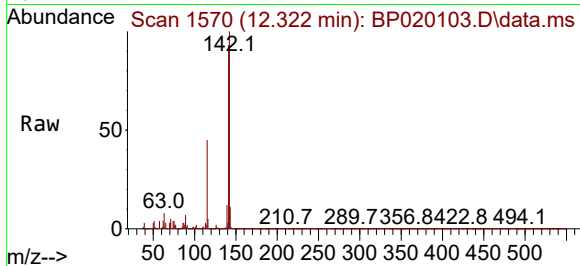




#37
1-Methylnaphthalene
Concen: 145.813 ng/ul
RT: 12.322 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

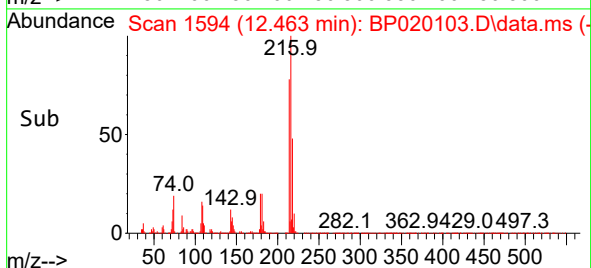
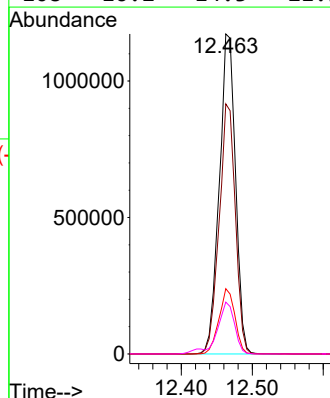
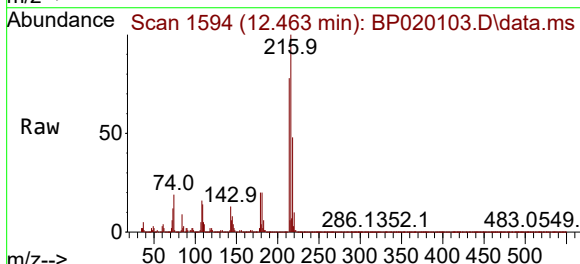
Instrument :
BNA_P
ClientSampleId :
SSTD160621

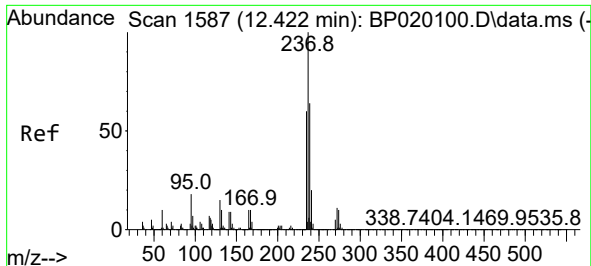
Tgt Ion:142 Resp: 2838750
Ion Ratio Lower Upper
142 100
141 92.6 73.2 109.8
116 4.6 3.7 5.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 176.790 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:216 Resp: 1851953
Ion Ratio Lower Upper
216 100
214 78.1 64.5 96.7
179 20.4 17.8 26.6
108 16.2 14.3 21.5

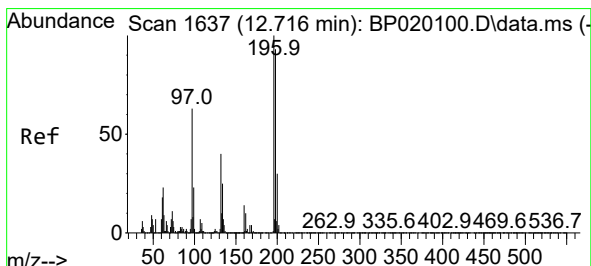
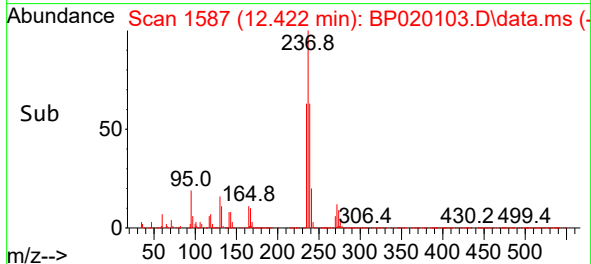
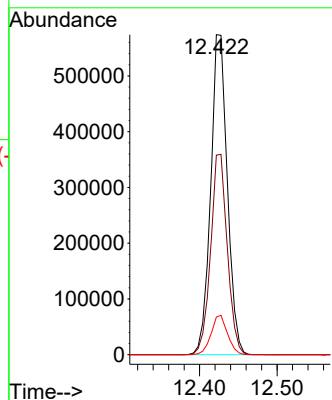
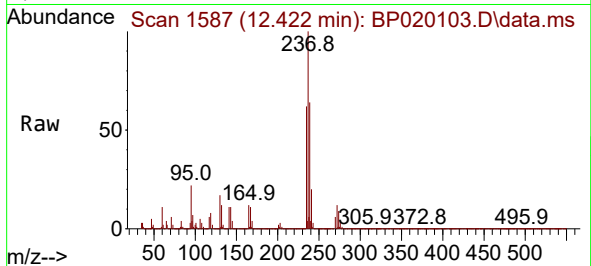




#40
Hexachlorocyclopentadiene
Concen: 226.330 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

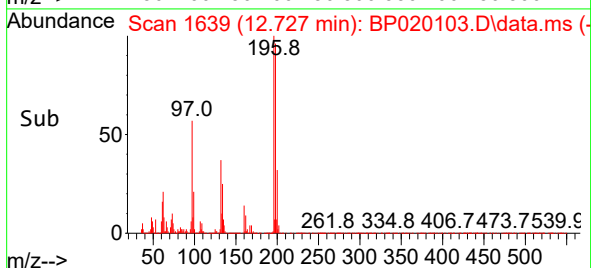
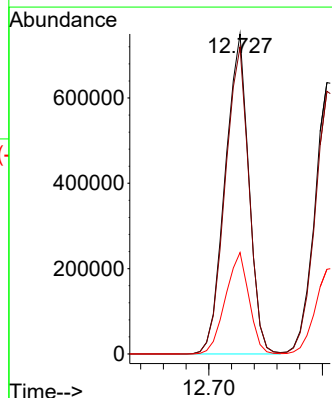
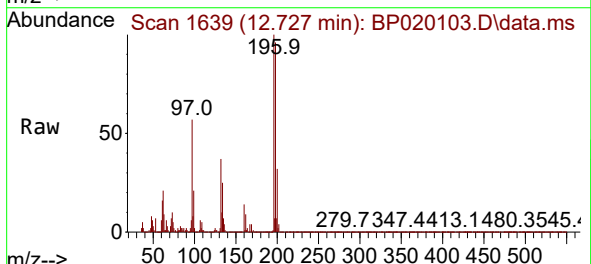
Instrument :
BNA_P
ClientSampleId :
SSTD160621

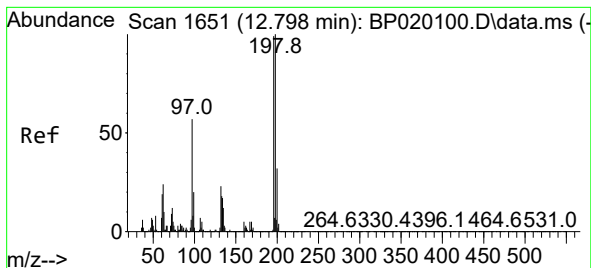
Tgt Ion:237 Resp: 856160
Ion Ratio Lower Upper
237 100
235 62.4 47.6 71.4
272 11.7 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 172.589 ng/ul
RT: 12.727 min Scan# 1639
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:196 Resp: 1083991
Ion Ratio Lower Upper
196 100
198 96.0 74.3 111.5
200 31.7 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 171.221 ng/ul

RT: 12.804 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

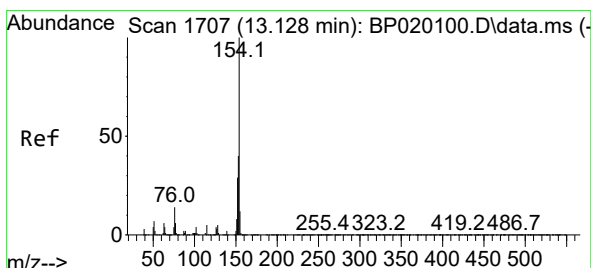
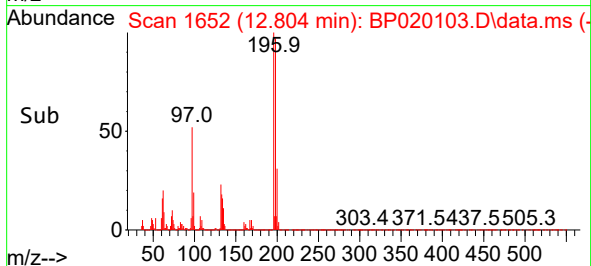
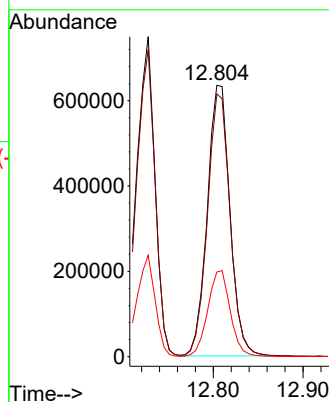
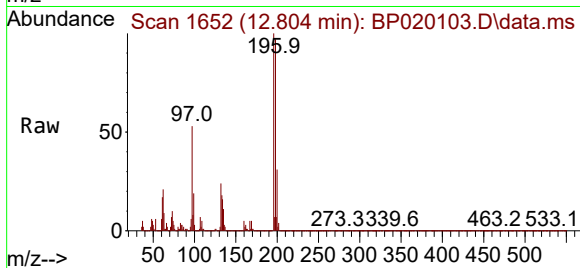
Tgt Ion:196 Resp: 1115418

Ion Ratio Lower Upper

196 100

198 96.8 81.1 121.7

200 31.2 26.0 39.0



#43

1,1'-Biphenyl

Concen: 166.630 ng/ul

RT: 13.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

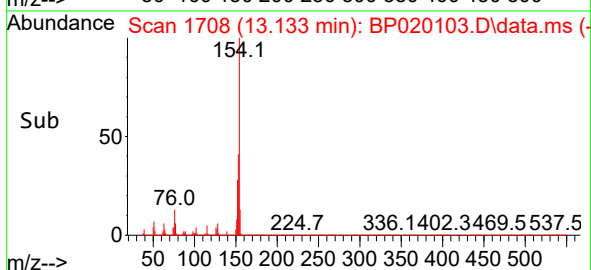
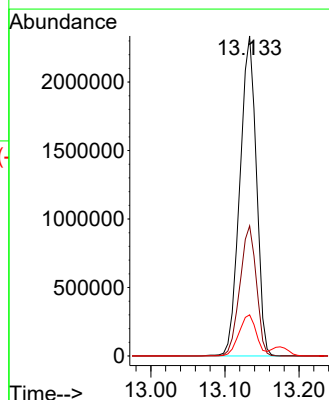
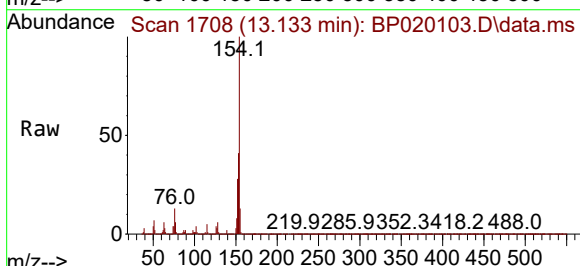
Tgt Ion:154 Resp: 3609878

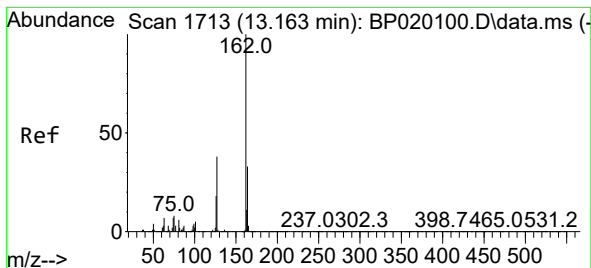
Ion Ratio Lower Upper

154 100

153 40.7 31.9 47.9

76 12.9 10.9 16.3





#44

2-Chloronaphthalene

Concen: 163.128 ng/ul

RT: 13.175 min Scan# 1713

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

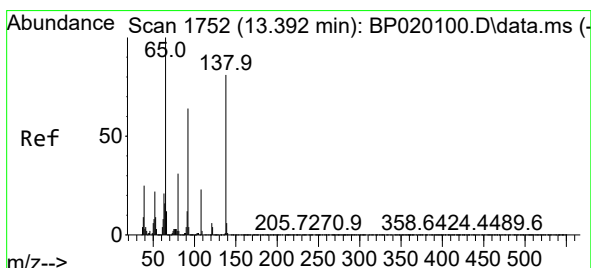
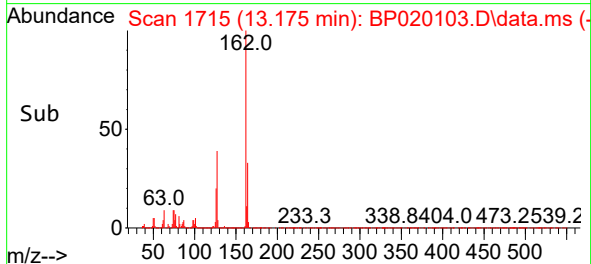
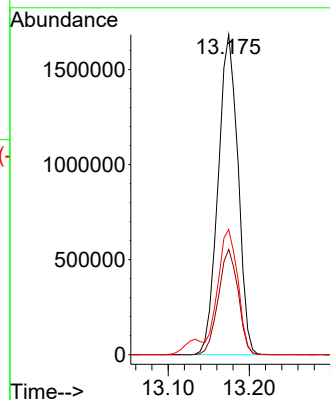
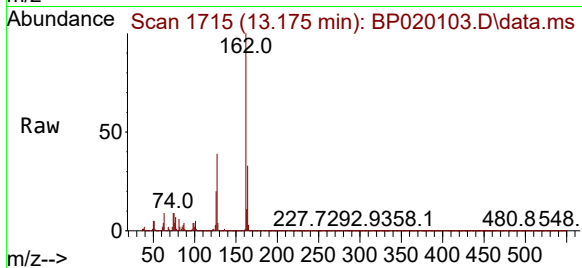
Tgt Ion:162 Resp: 2862386

Ion Ratio Lower Upper

162 100

164 32.9 26.6 39.8

127 39.1 32.1 48.1



#45

2-Nitroaniline

Concen: 169.086 ng/ul

RT: 13.410 min Scan# 1755

Delta R.T. 0.017 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

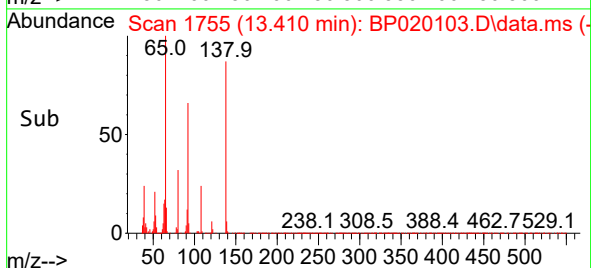
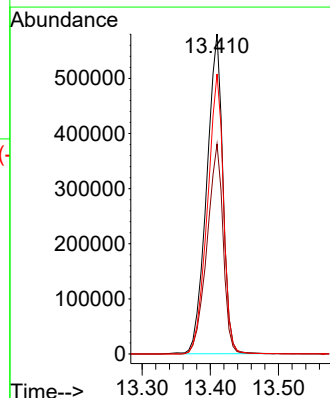
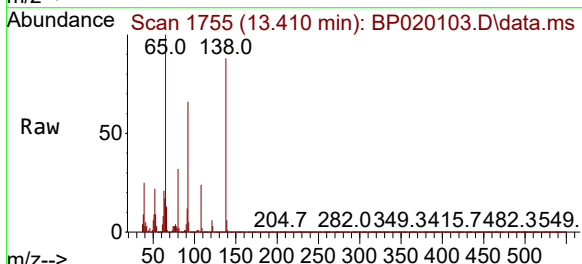
Tgt Ion: 65 Resp: 959306

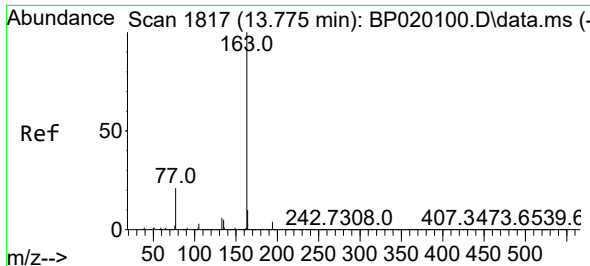
Ion Ratio Lower Upper

65 100

92 65.6 51.3 76.9

138 87.5 64.8 97.2

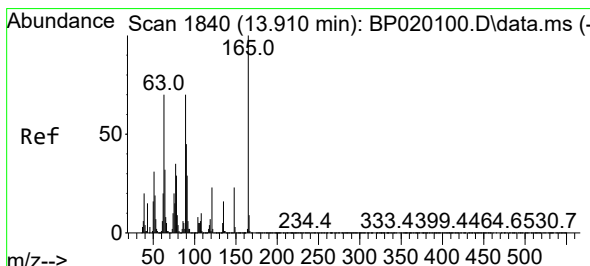
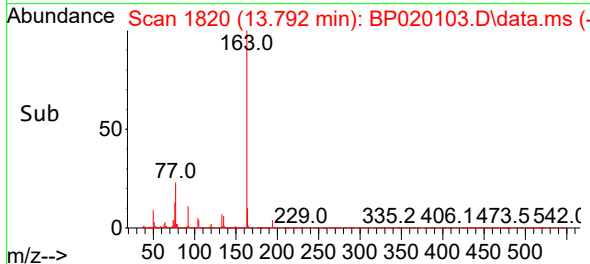
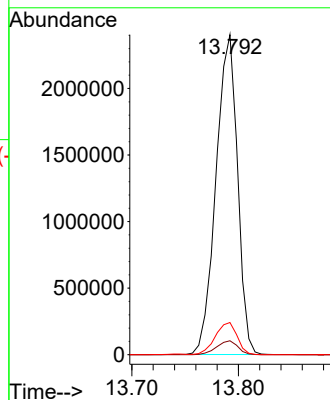
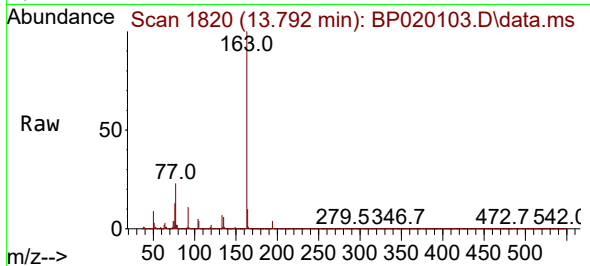




#47
Dimethylphthalate
Concen: 158.319 ng/ul
RT: 13.792 min Scan# 1820
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

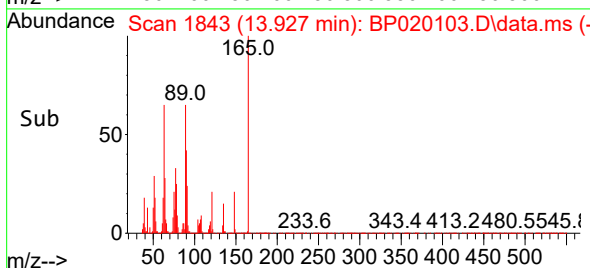
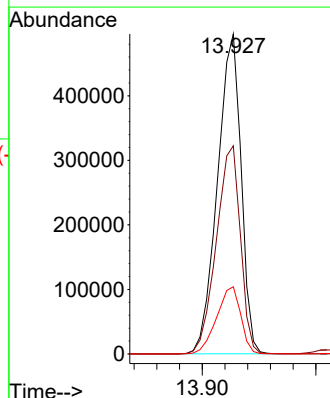
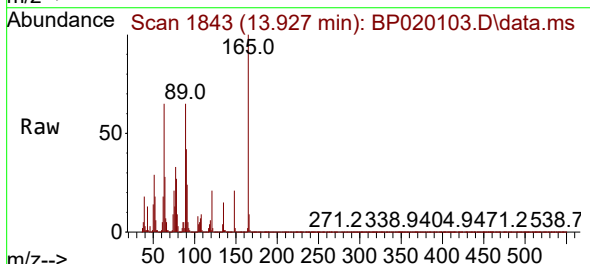
Instrument :
BNA_P
ClientSampleId :
SSTD160621

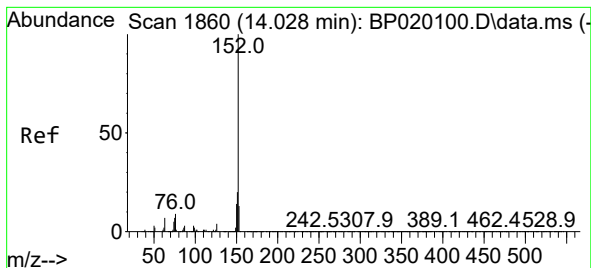
Tgt Ion:163 Resp: 3370131
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.0 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 168.155 ng/ul
RT: 13.927 min Scan# 1843
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:165 Resp: 715557
Ion Ratio Lower Upper
165 100
89 65.1 56.1 84.1
121 21.0 18.1 27.1





#50

Acenaphthylene

Concen: 152.066 ng/ul

RT: 14.039 min Scan# 1

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

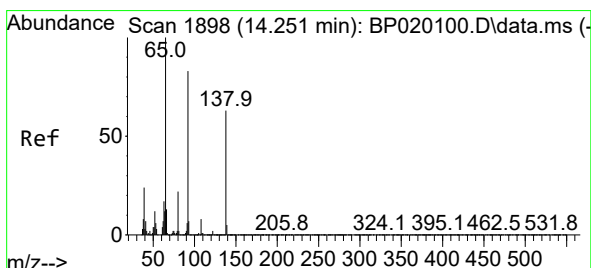
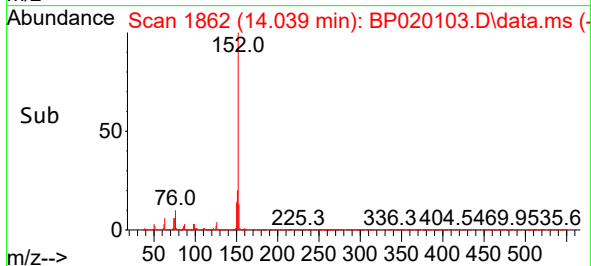
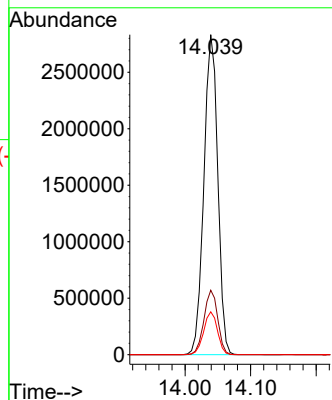
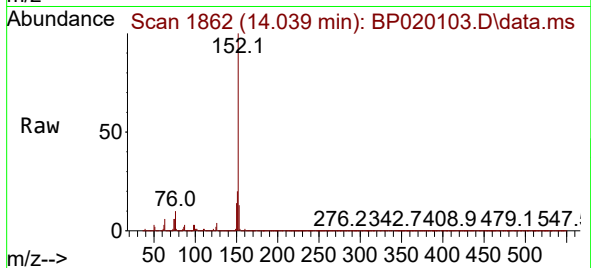
Tgt Ion:152 Resp: 4176379

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

153 13.4 10.3 15.5



#51

3-Nitroaniline

Concen: 141.824 ng/ul

RT: 14.263 min Scan# 1900

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

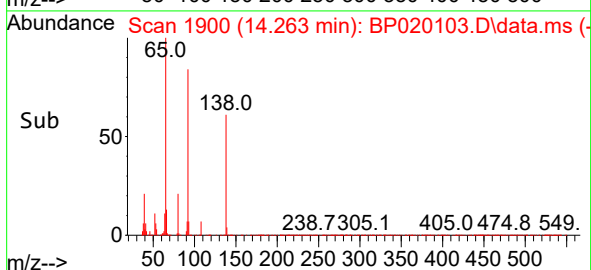
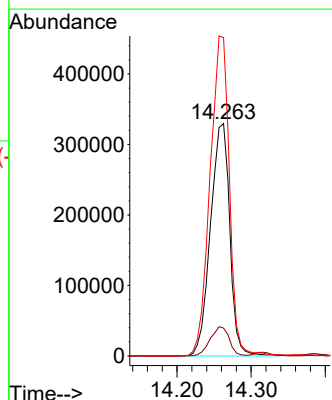
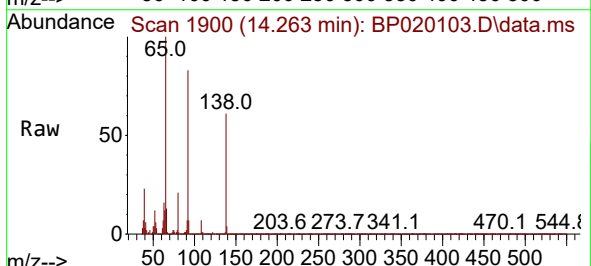
Tgt Ion:138 Resp: 595493

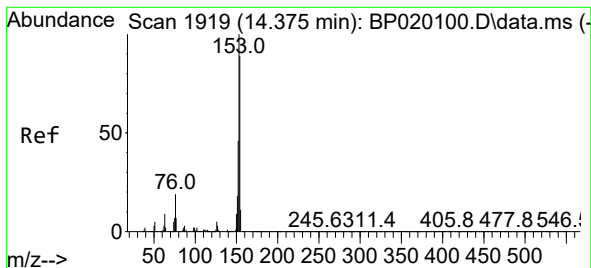
Ion Ratio Lower Upper

138 100

108 12.0 9.8 14.6

92 137.0 105.1 157.7





#52

Acenaphthene

Concen: 150.570 ng/ul

RT: 14.386 min Scan# 1921

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

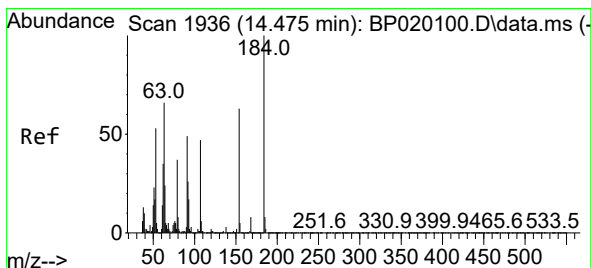
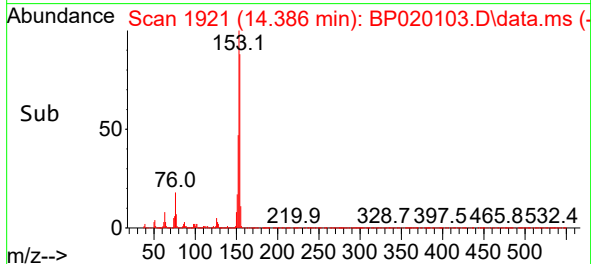
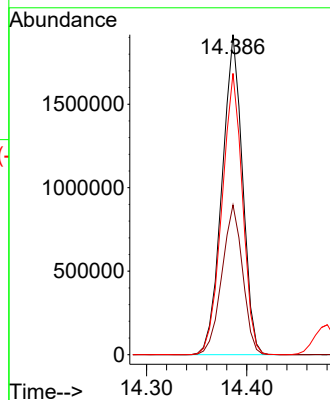
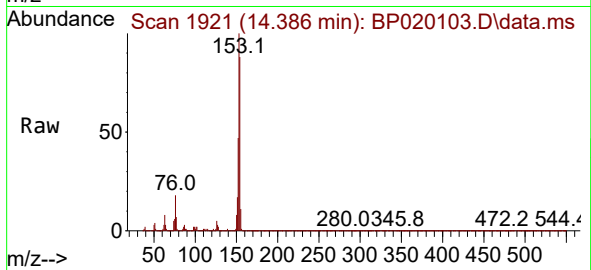
Tgt Ion:153 Resp: 2722387

Ion Ratio Lower Upper

153 100

152 46.8 36.9 55.3

154 87.9 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 215.758 ng/ul

RT: 14.480 min Scan# 1937

Delta R.T. 0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

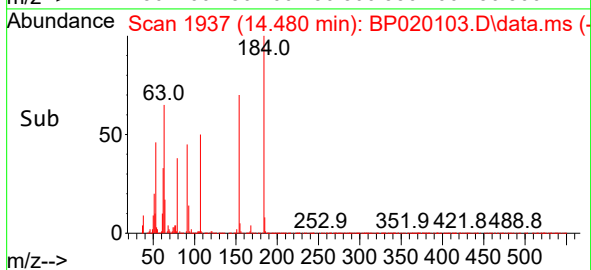
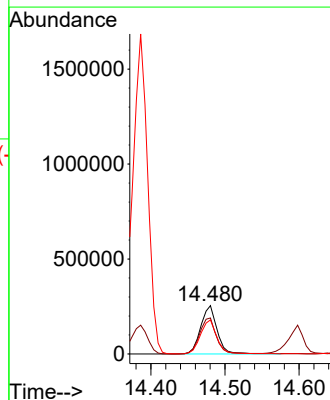
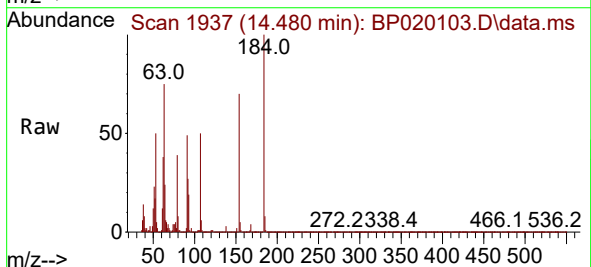
Tgt Ion:184 Resp: 390203

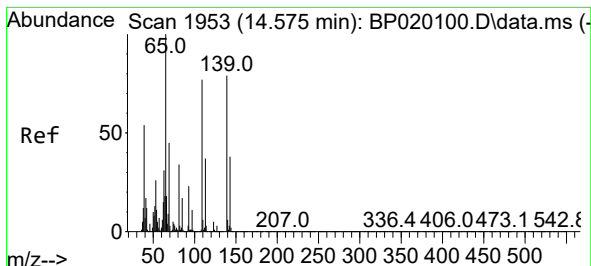
Ion Ratio Lower Upper

184 100

63 74.5 53.3 79.9

154 70.4 51.8 77.6

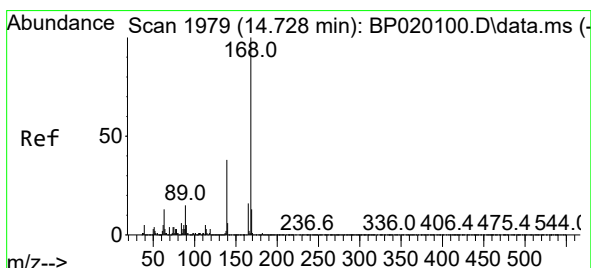
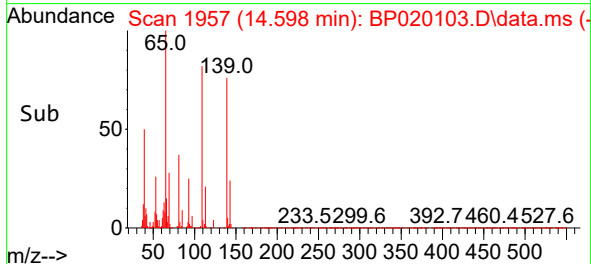
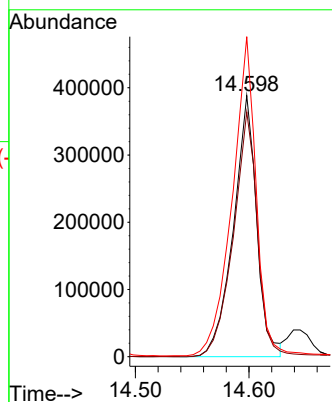
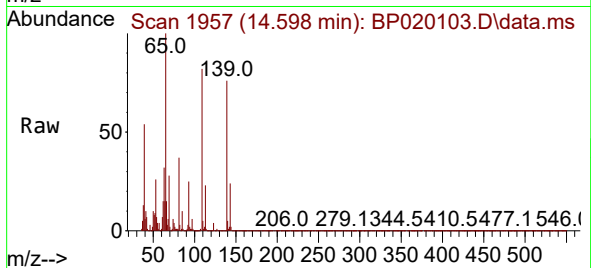




#55
4-Nitrophenol
Concen: 169.381 ng/ul
RT: 14.598 min Scan# 1957
Delta R.T. 0.023 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

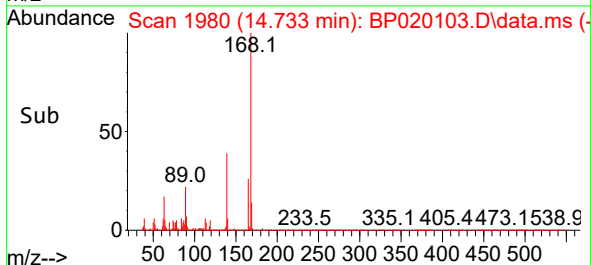
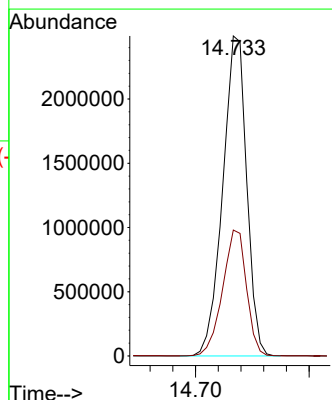
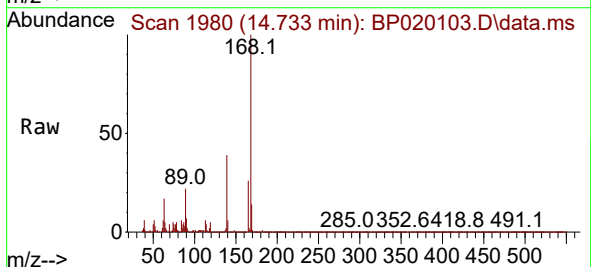
Instrument :
BNA_P
ClientSampleId :
SSTD160621

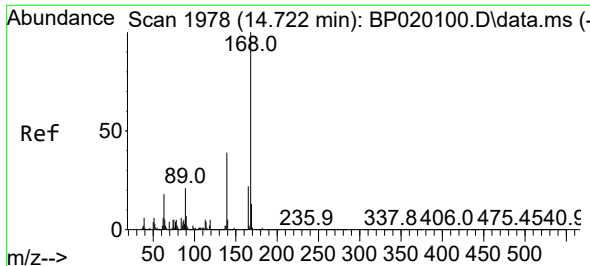
Tgt Ion:109 Resp: 552548
Ion Ratio Lower Upper
109 100
139 93.7 81.4 122.2
65 122.5 104.3 156.5



#56
Dibenzofuran
Concen: 145.664 ng/ul
RT: 14.733 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:168 Resp: 3644969
Ion Ratio Lower Upper
168 100
139 39.3 30.6 46.0

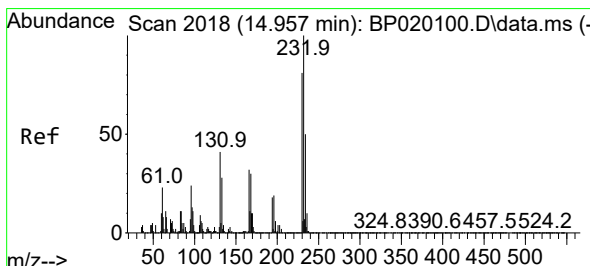
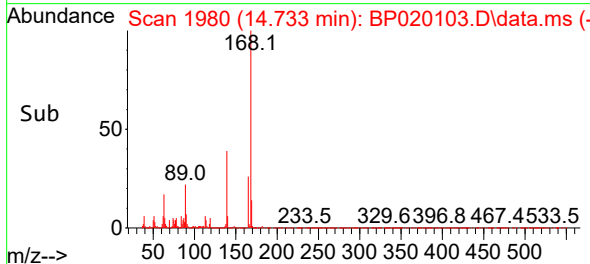
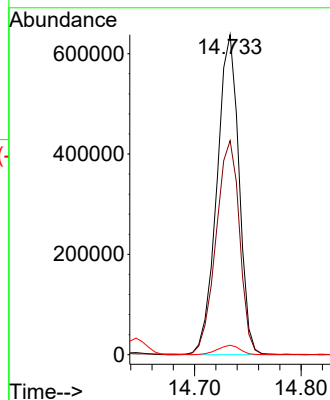
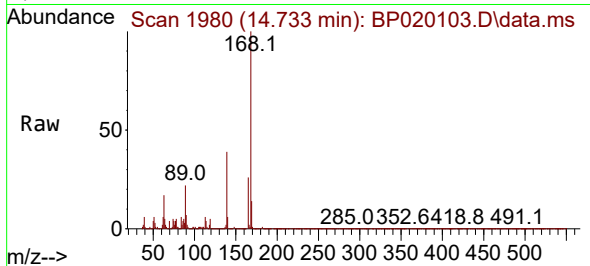




#57
2,4-Dinitrotoluene
Concen: 151.622 ng/ul
RT: 14.733 min Scan# 1978
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

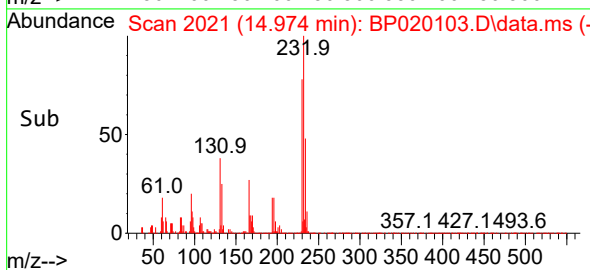
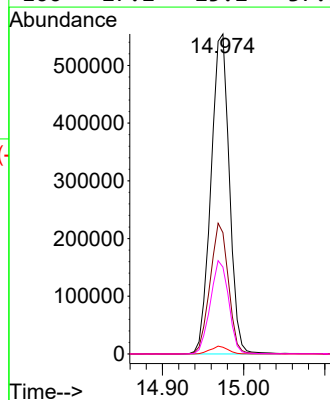
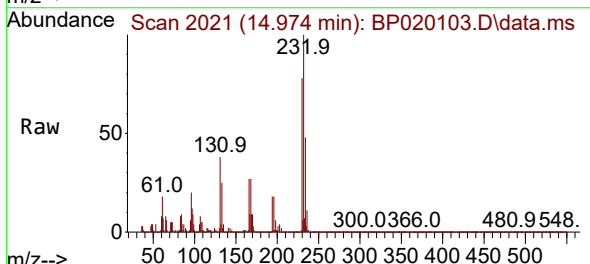
Instrument :
BNA_P
ClientSampleId :
SSTD160621

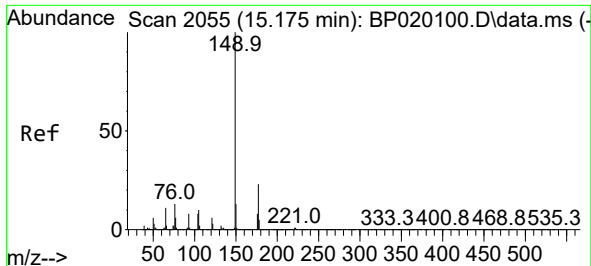
Tgt Ion:165 Resp: 915053
Ion Ratio Lower Upper
165 100
63 66.9 63.2 94.8
182 2.9 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 149.899 ng/ul
RT: 14.974 min Scan# 2021
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:232 Resp: 871284
Ion Ratio Lower Upper
232 100
131 37.9 33.2 49.8
130 2.1 2.2 3.2#
166 27.2 25.2 37.8

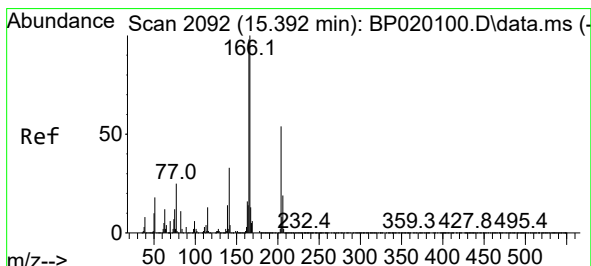
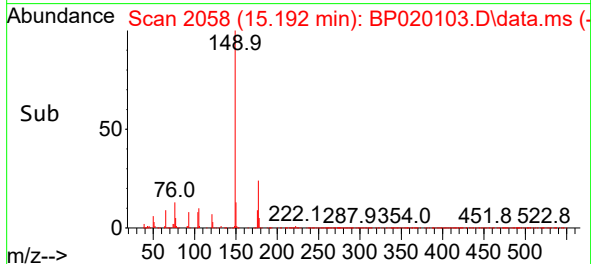
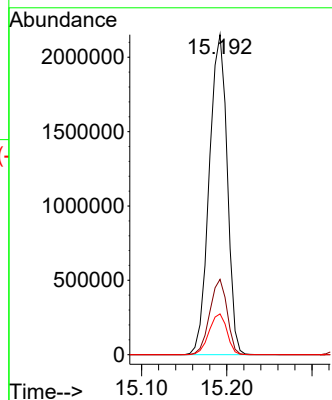
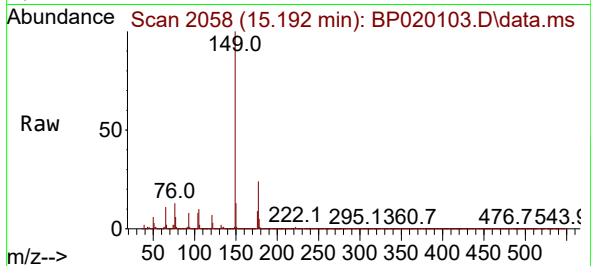




#59
Diethylphthalate
Concen: 150.172 ng/ul
RT: 15.192 min Scan# 2058
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

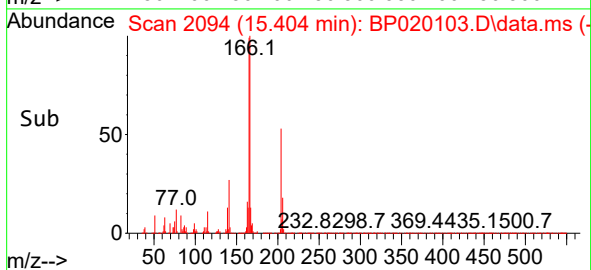
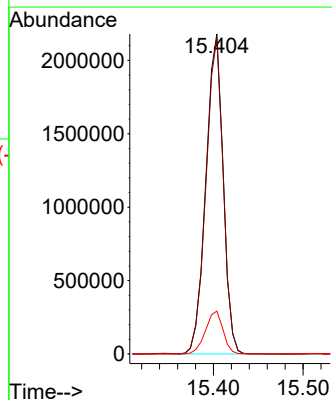
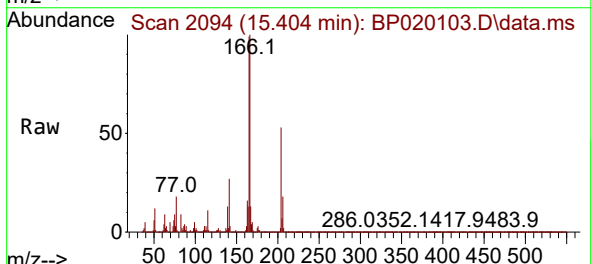
Instrument :
BNA_P
ClientSampleId :
SSTD160621

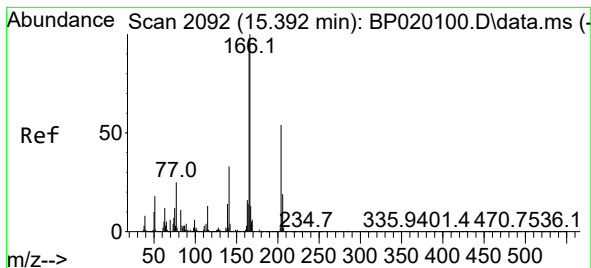
Tgt Ion:149 Resp: 3144352
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.8 10.0 15.0



#61
Fluorene
Concen: 141.955 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:166 Resp: 2919890
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 13.4 10.4 15.6

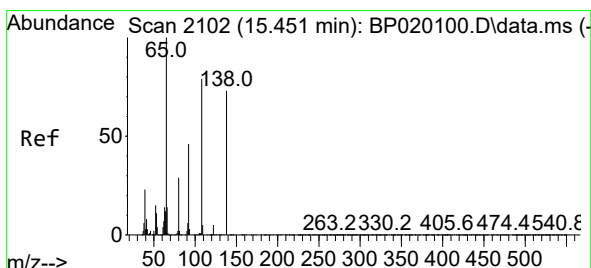
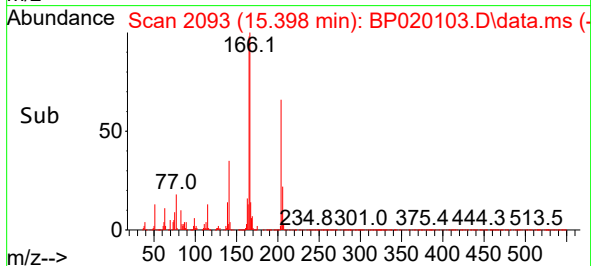
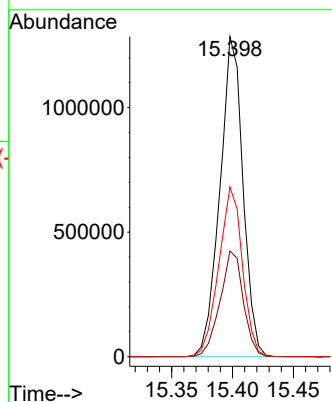
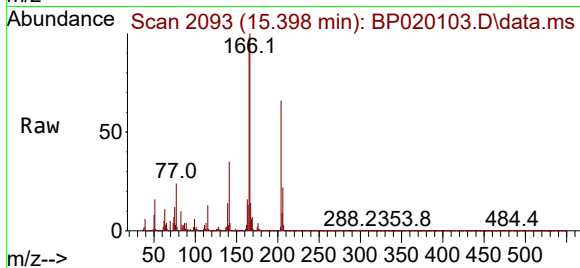




#62
4-Chlorophenyl-phenylether
Concen: 151.509 ng/ul
RT: 15.398 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

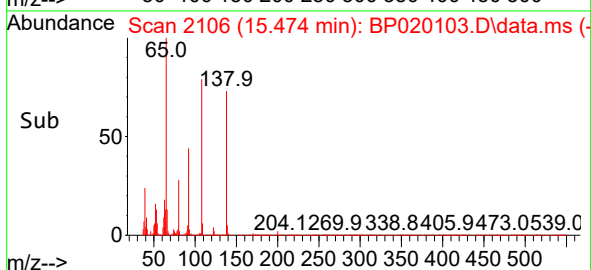
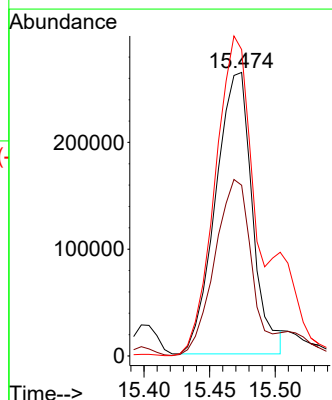
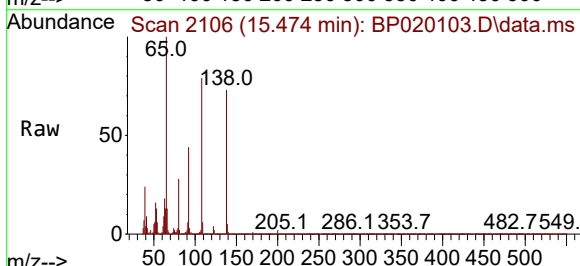
Instrument :
BNA_P
ClientSampleId :
SSTD160621

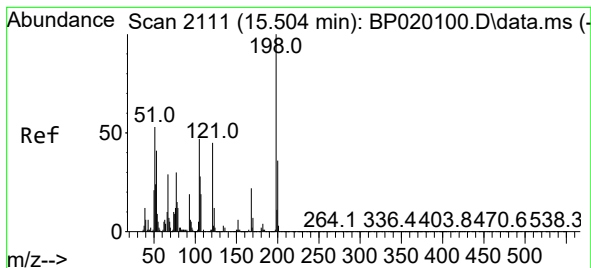
Tgt Ion:204 Resp: 1693537
Ion Ratio Lower Upper
204 100
206 33.0 27.4 41.2
141 53.0 48.8 73.2



#63
4-Nitroaniline
Concen: 132.805 ng/ul
RT: 15.474 min Scan# 2106
Delta R.T. 0.023 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:138 Resp: 514346
Ion Ratio Lower Upper
138 100
92 60.2 49.8 74.8
108 108.1 85.4 128.0

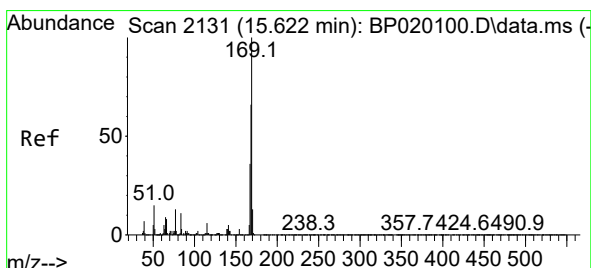
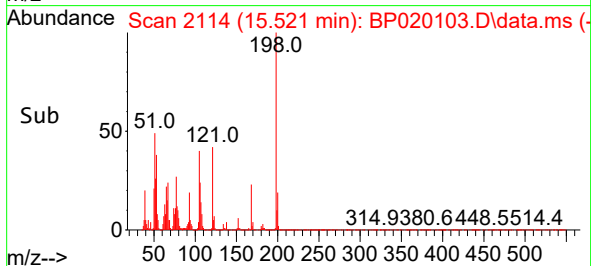
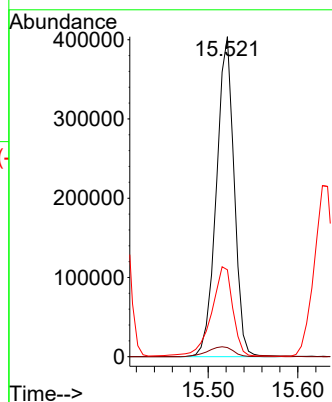
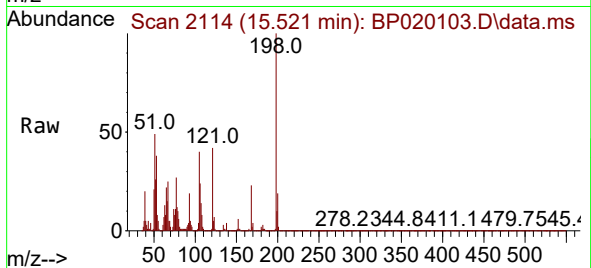




#66
4,6-Dinitro-2-methylphenol
Concen: 198.777 ng/ul
RT: 15.521 min Scan# 2111
Delta R.T. 0.017 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

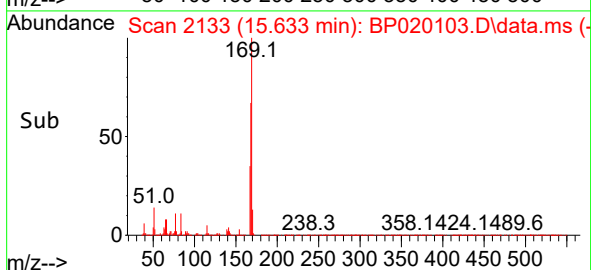
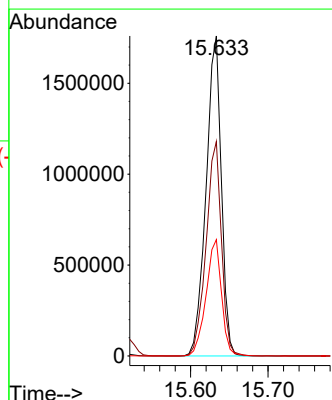
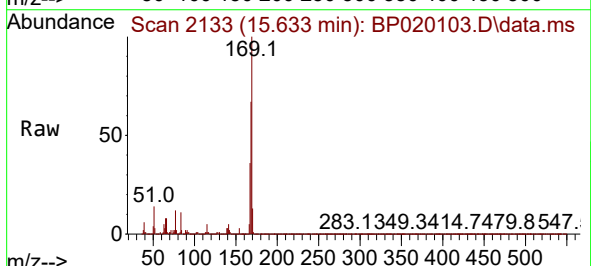
Instrument :
BNA_P
ClientSampleId :
SSTD160621

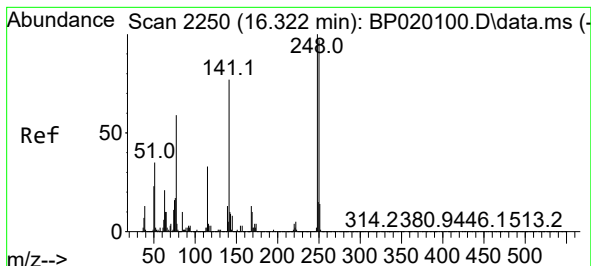
Tgt Ion:198 Resp: 554241
Ion Ratio Lower Upper
198 100
182 2.8 3.0 4.6#
77 27.1 24.9 37.3



#67
N-Nitrosodiphenylamine
Concen: 164.443 ng/ul
RT: 15.633 min Scan# 2133
Delta R.T. 0.011 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:169 Resp: 2405971
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 36.4 28.9 43.3

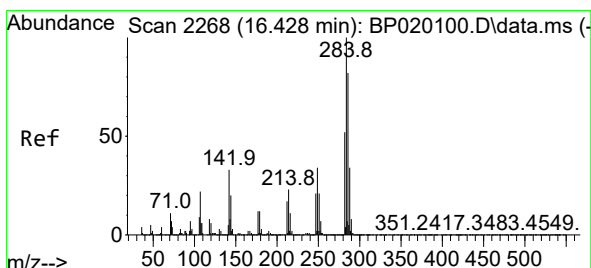
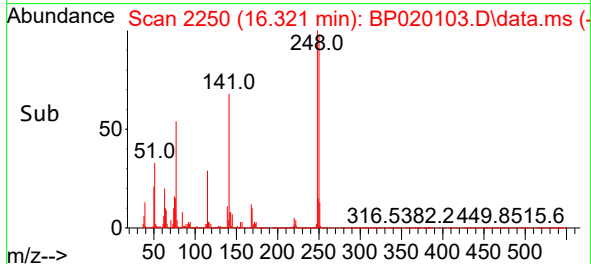
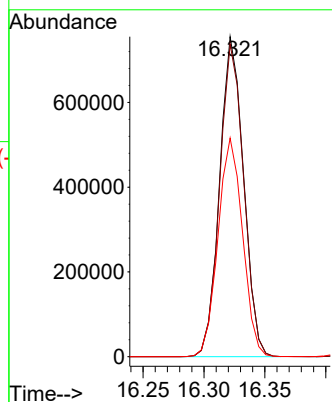
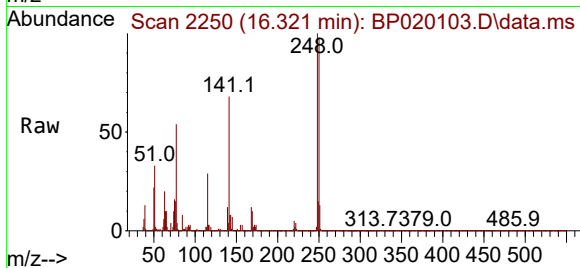




#68
4-Bromophenyl-phenylether
Concen: 170.890 ng/ul
RT: 16.321 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

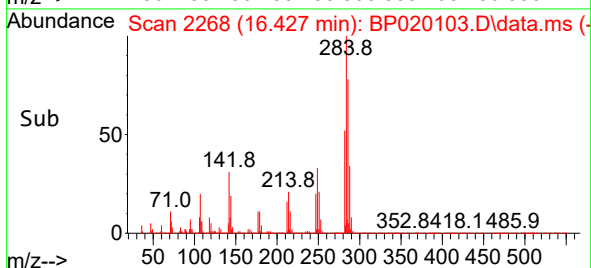
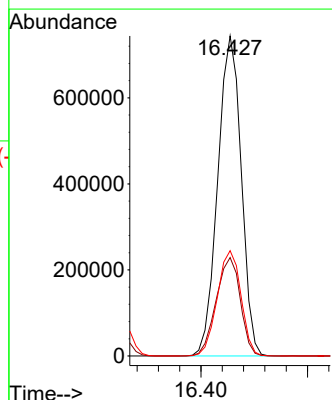
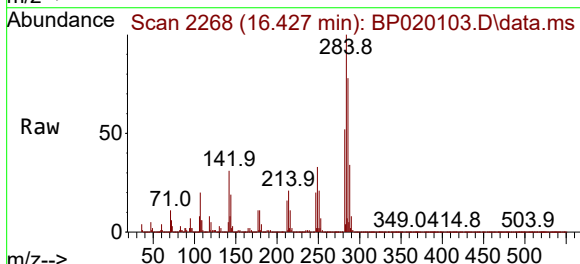
Instrument :
BNA_P
ClientSampleId :
SSTD160621

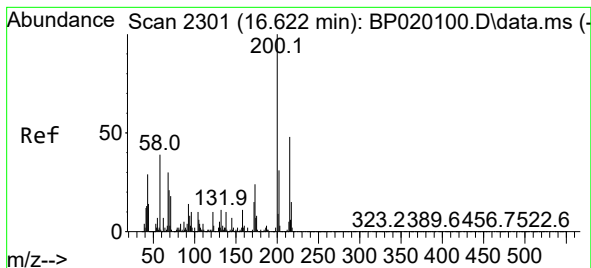
Tgt Ion:248 Resp: 1034019
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 68.3 61.4 92.0



#69
Hexachlorobenzene
Concen: 166.099 ng/ul
RT: 16.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:284 Resp: 1138020
Ion Ratio Lower Upper
284 100
142 30.8 26.2 39.2
249 32.9 27.0 40.4





#70

Atrazine

Concen: 151.758 ng/ul

RT: 16.633 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

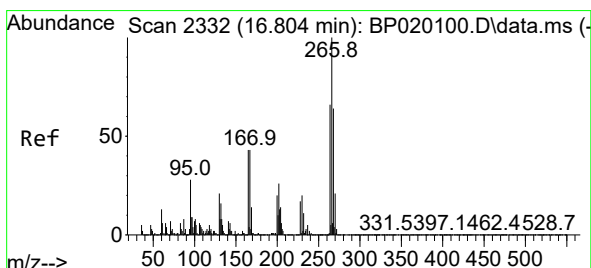
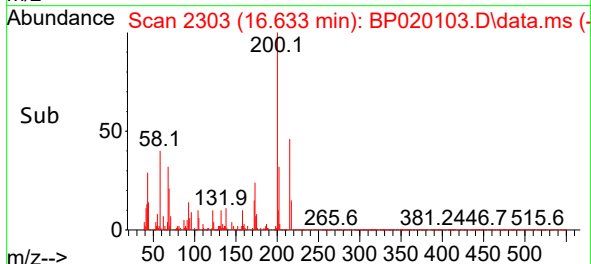
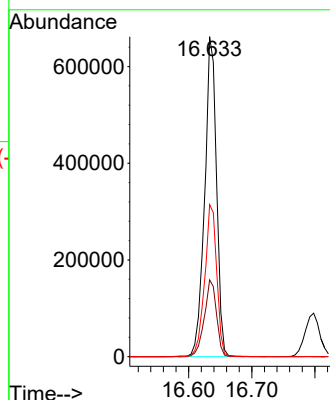
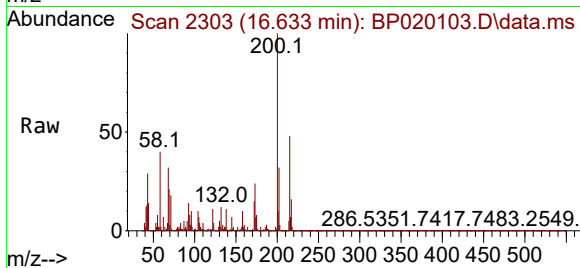
Tgt Ion:200 Resp: 860597

Ion Ratio Lower Upper

200 100

173 24.0 19.1 28.7

215 47.5 38.1 57.1



#71

Pentachlorophenol

Concen: 169.895 ng/ul

RT: 16.798 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

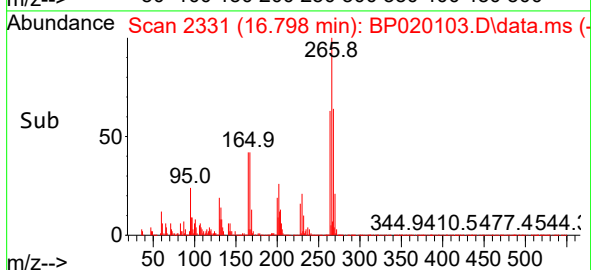
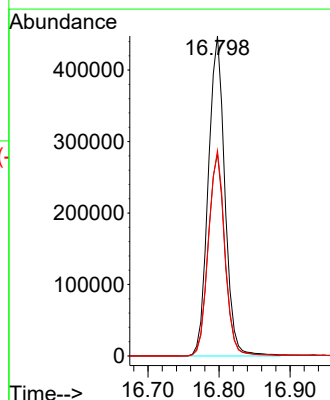
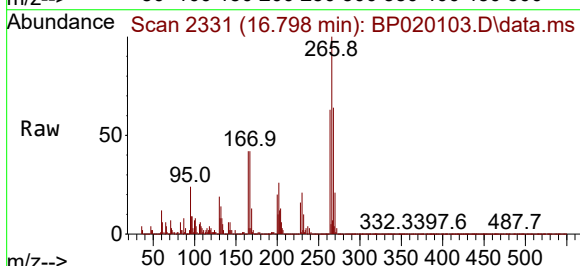
Tgt Ion:266 Resp: 727067

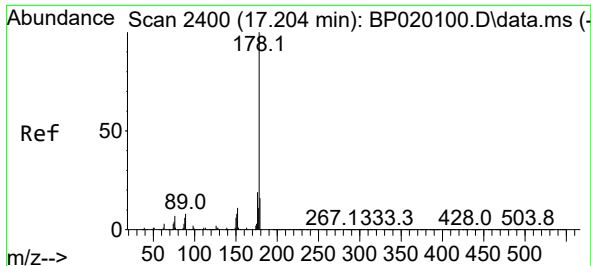
Ion Ratio Lower Upper

266 100

264 63.3 52.8 79.2

268 64.2 51.6 77.4

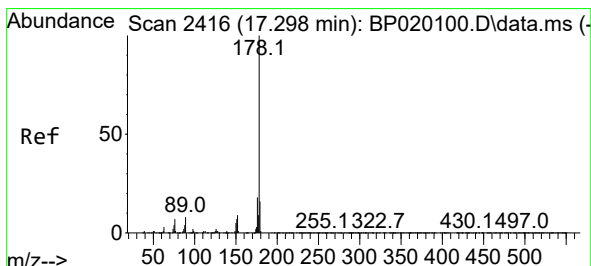
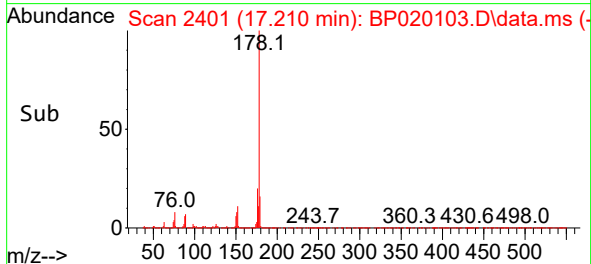
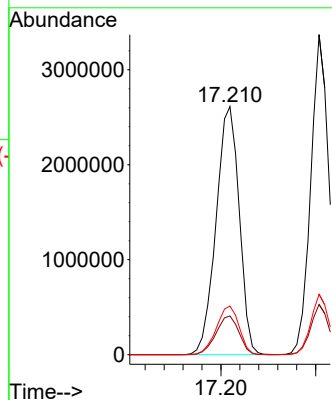
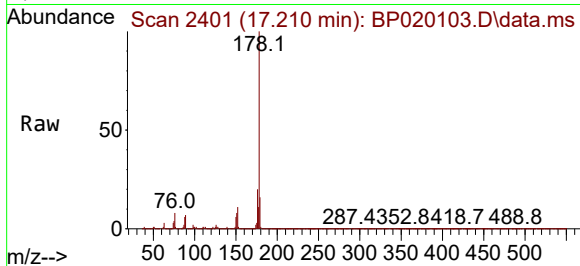




#72
Phenanthrene
Concen: 155.749 ng/ul
RT: 17.210 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

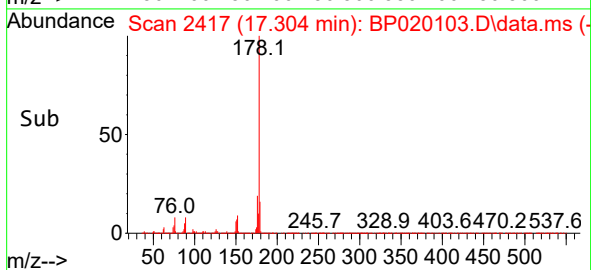
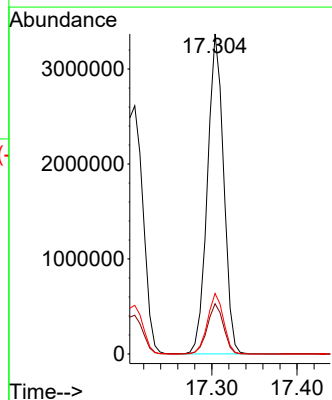
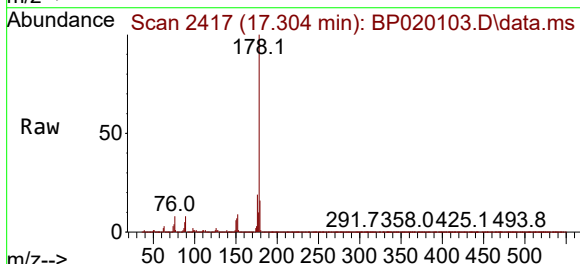
Instrument :
BNA_P
ClientSampleId :
SSTD160621

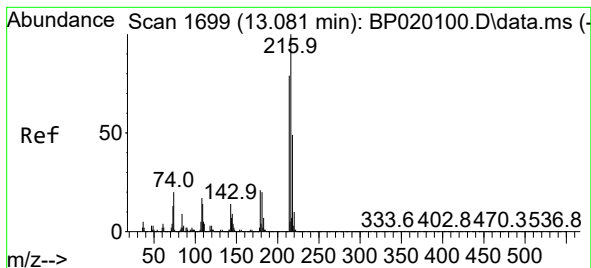
Tgt Ion:178 Resp: 4433303
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.6 15.0 22.4



#74
Anthracene
Concen: 154.012 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP020103.D
Acq: 23 Apr 2024 13:40

Tgt Ion:178 Resp: 4453103
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.9 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 195.378 ng/uL

RT: 13.086 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

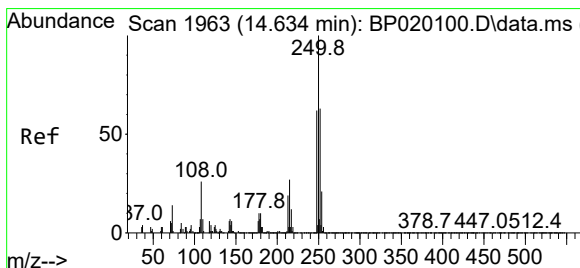
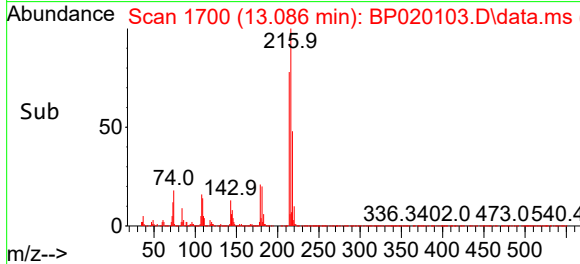
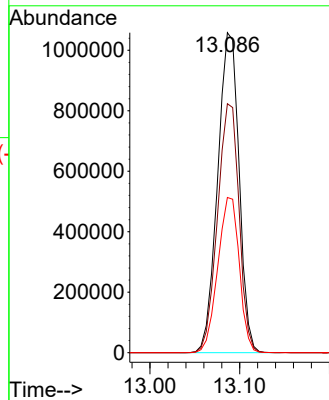
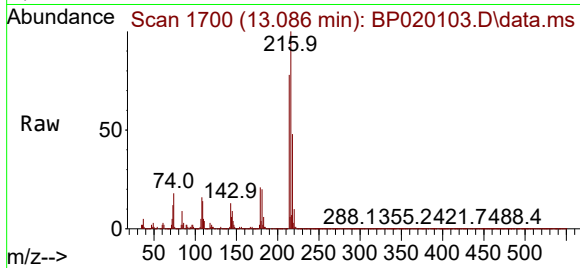
Tgt Ion:216 Resp: 1753913

Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.6

218 48.5 38.8 58.2



#76

Pentachlorobenzene

Concen: 173.666 ng/uL

RT: 14.645 min Scan# 1965

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

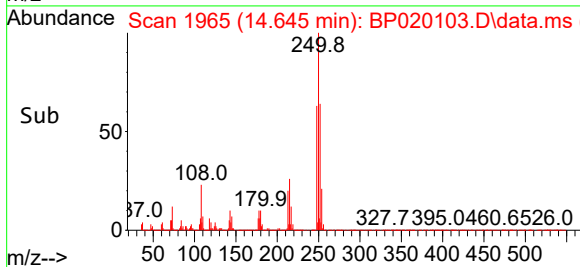
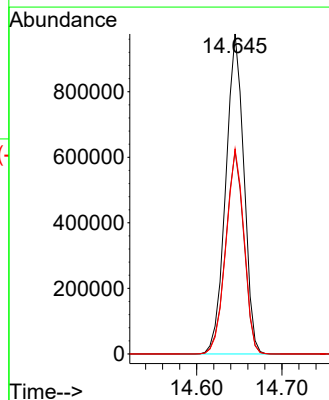
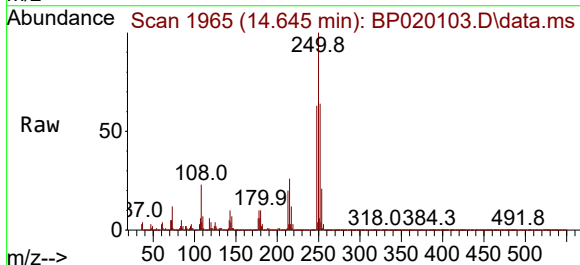
Tgt Ion:250 Resp: 1443456

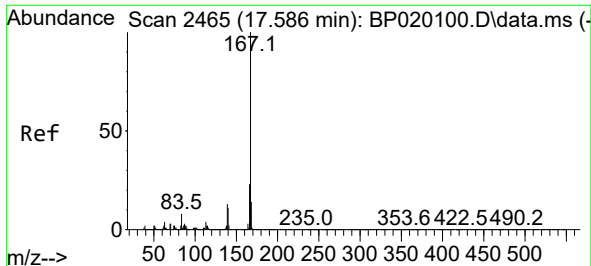
Ion Ratio Lower Upper

250 100

248 63.4 49.5 74.3

252 64.1 50.5 75.7

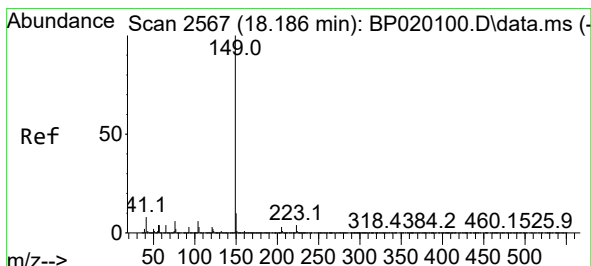
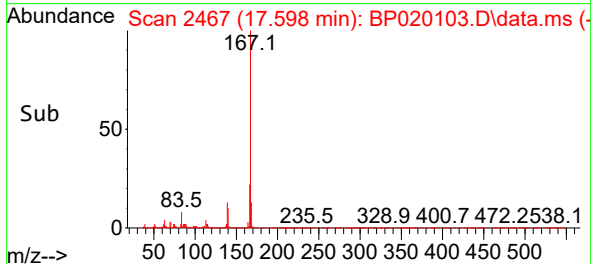
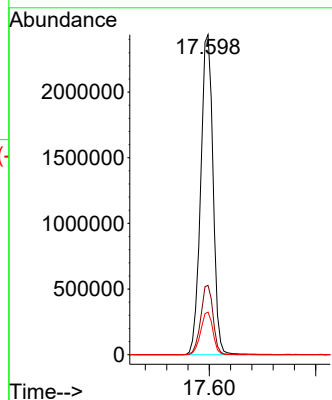
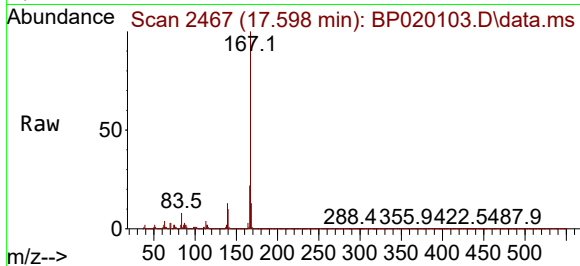




#77
 Carbazole
 Concen: 153.841 ng/ul
 RT: 17.598 min Scan# 2465
 Delta R.T. 0.011 min
 Lab File: BP020103.D
 Acq: 23 Apr 2024 13:40

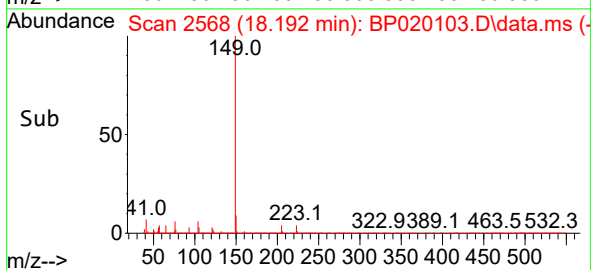
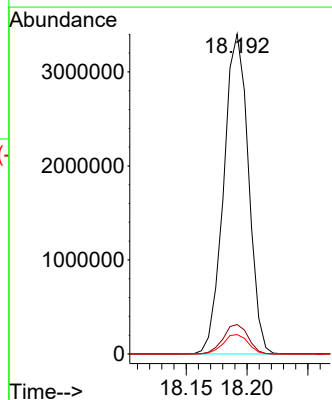
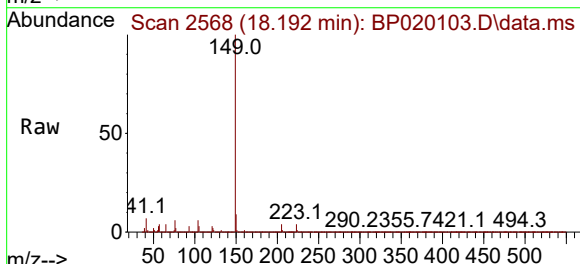
Instrument :
 BNA_P
 ClientSampleId :
 SSTD160621

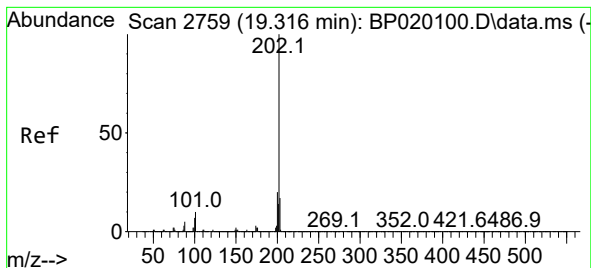
Tgt Ion:167 Resp: 3916713
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 13.3 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 156.040 ng/ul
 RT: 18.192 min Scan# 2568
 Delta R.T. 0.006 min
 Lab File: BP020103.D
 Acq: 23 Apr 2024 13:40

Tgt Ion:149 Resp: 4804011
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 6.0 4.9 7.3





#80

Fluoranthene

Concen: 153.157 ng/ul

RT: 19.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

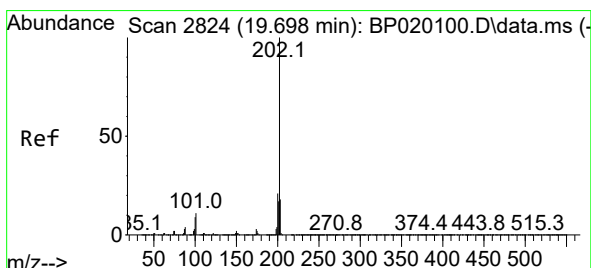
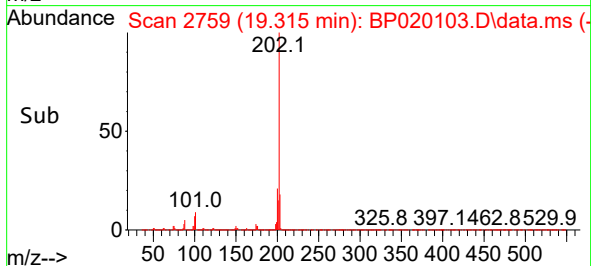
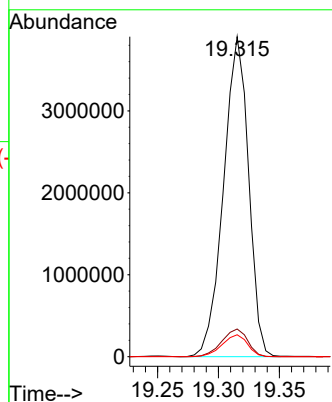
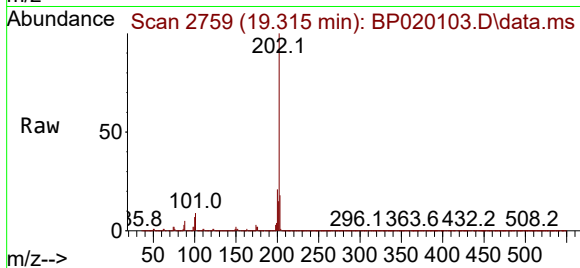
Tgt Ion:202 Resp: 5585471

Ion Ratio Lower Upper

202 100

101 8.7 7.7 11.5

100 6.9 5.9 8.9



#82

Pyrene

Concen: 149.128 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

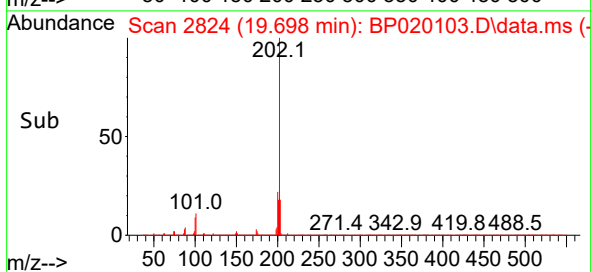
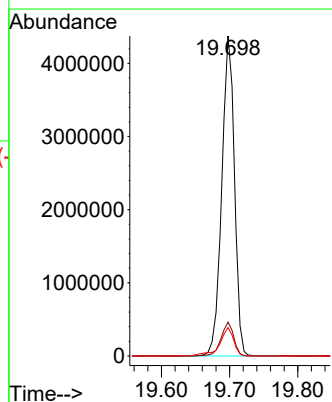
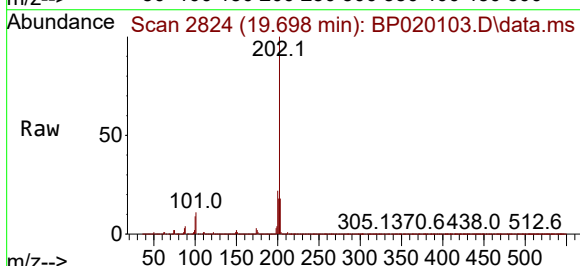
Tgt Ion:202 Resp: 5666974

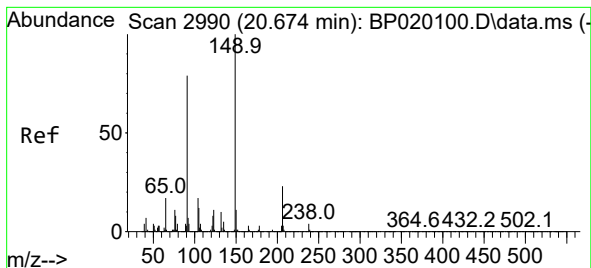
Ion Ratio Lower Upper

202 100

101 10.6 9.1 13.7

100 8.8 7.3 10.9





#83

Butylbenzylphthalate

Concen: 151.282 ng/ul

RT: 20.668 min Scan# 2990

Delta R.T. -0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

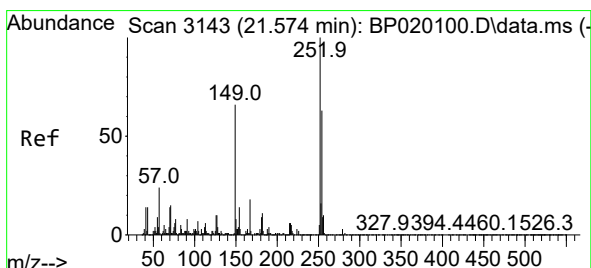
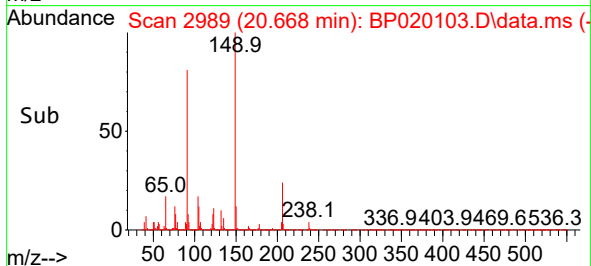
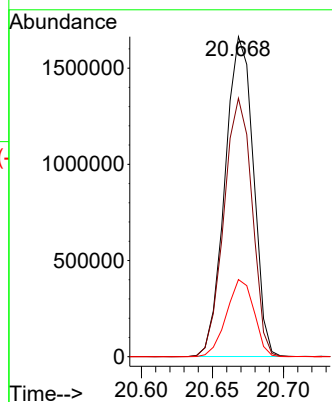
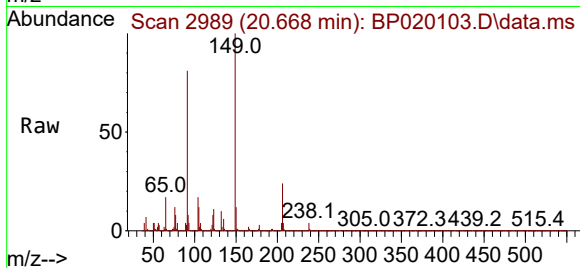
Tgt Ion:149 Resp: 2312429

Ion Ratio Lower Upper

149 100

91 80.8 63.3 94.9

206 24.1 18.4 27.6



#84

3,3'-Dichlorobenzidine

Concen: 141.481 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. -0.000 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

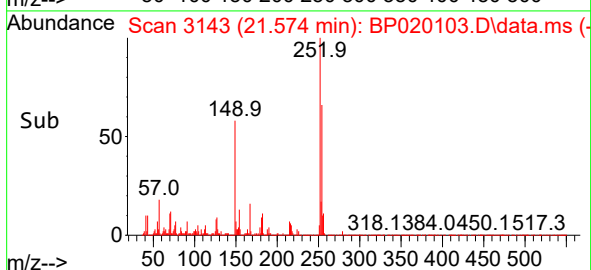
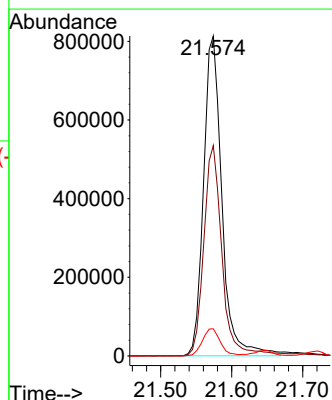
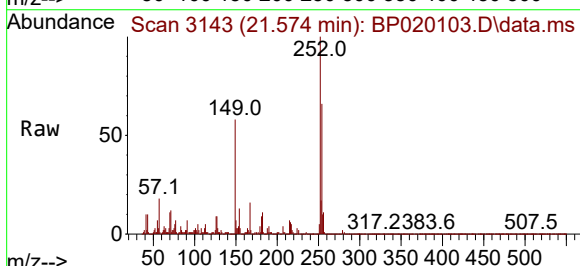
Tgt Ion:252 Resp: 1463172

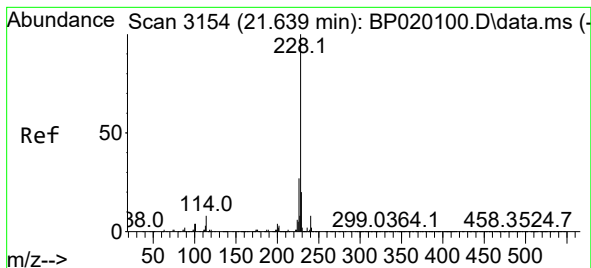
Ion Ratio Lower Upper

252 100

254 65.7 50.6 75.8

126 8.5 7.8 11.6





#85

Benzo(a)anthracene

Concen: 156.543 ng/ul

RT: 21.651 min Scan# 3156

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

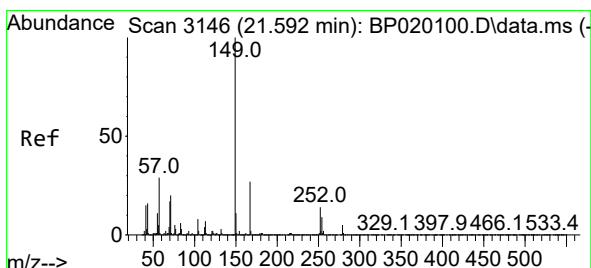
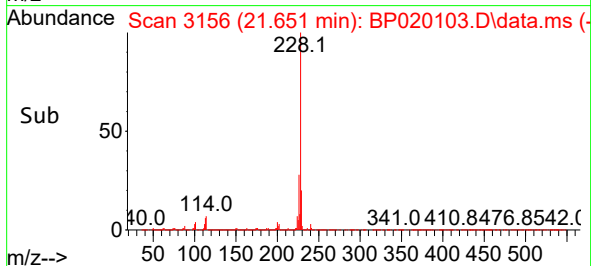
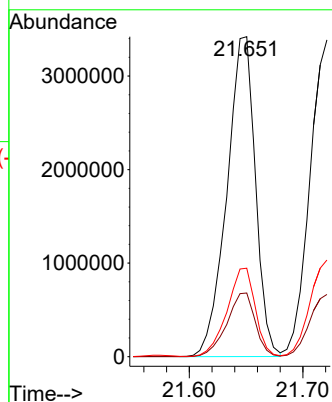
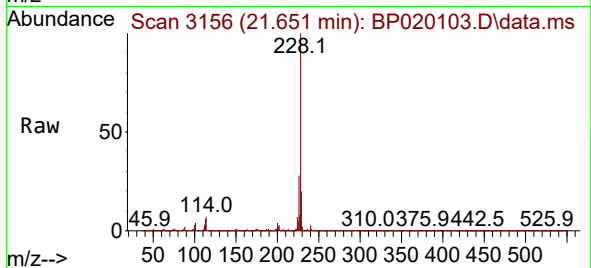
Tgt Ion:228 Resp: 5975027

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 27.6 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 150.960 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

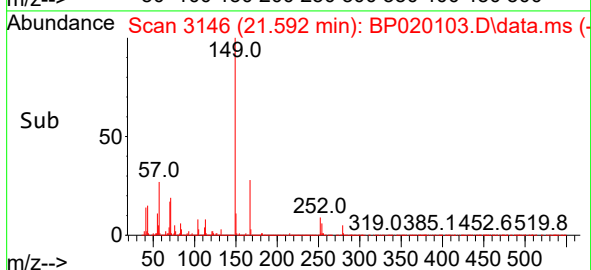
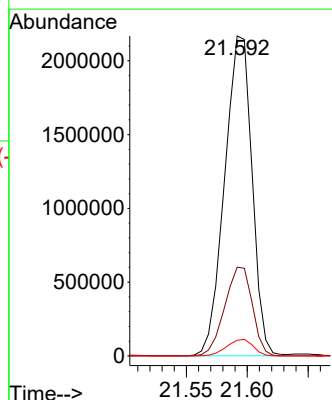
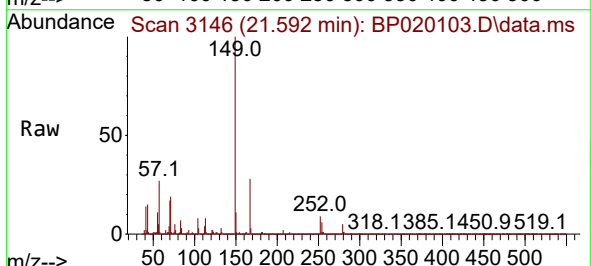
Tgt Ion:149 Resp: 3392572

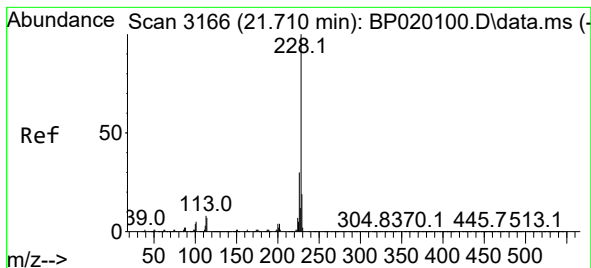
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.9 3.8 5.8





#87

Chrysene

Concen: 157.762 ng/ul

RT: 21.721 min Scan# 3168

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

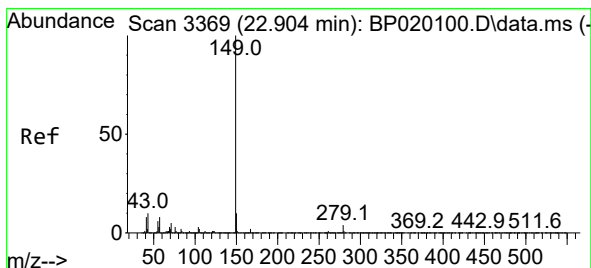
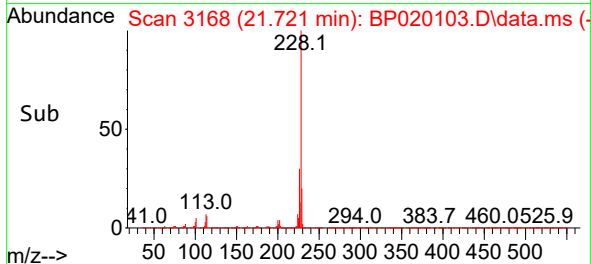
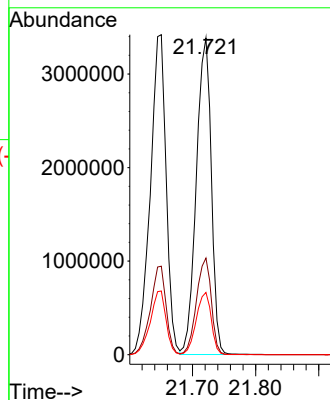
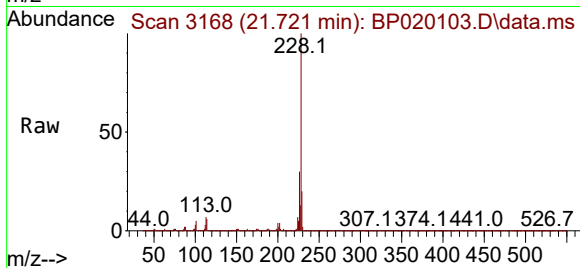
Tgt Ion:228 Resp: 5570376

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 158.922 ng/ul

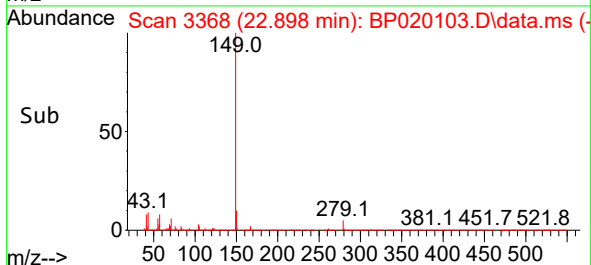
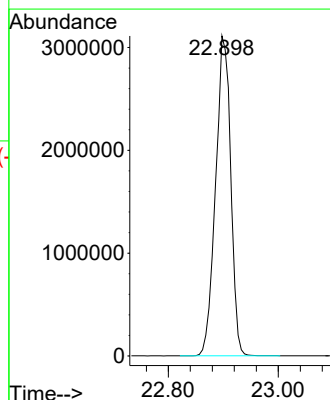
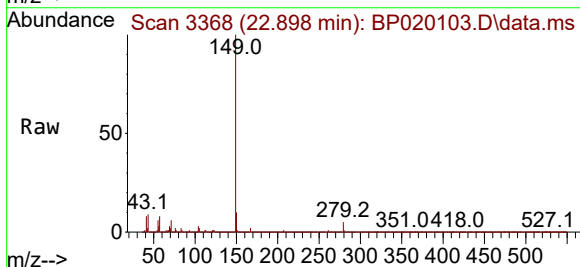
RT: 22.898 min Scan# 3368

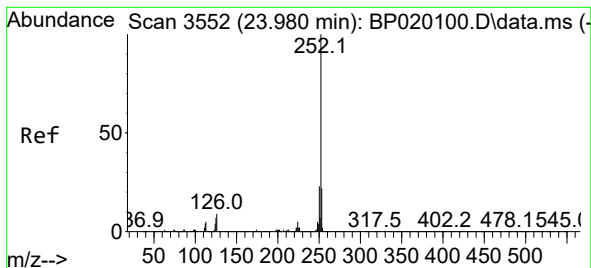
Delta R.T. -0.006 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Tgt Ion:149 Resp: 5943162





#90

Benzo(b)fluoranthene

Concen: 162.213 ng/ul

RT: 23.992 min Scan# 3554

Delta R.T. 0.011 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

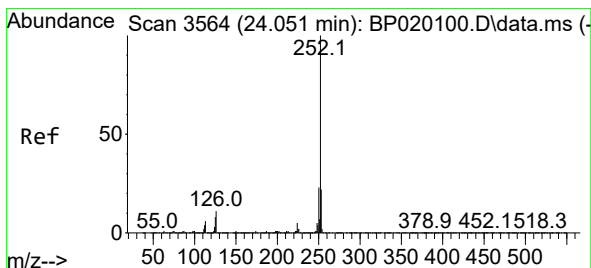
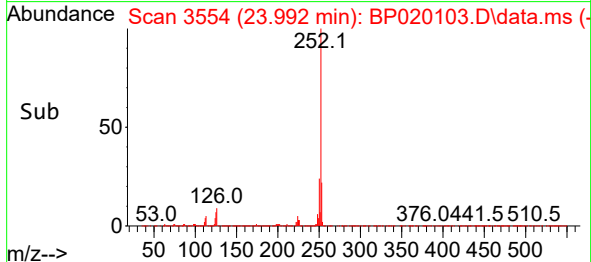
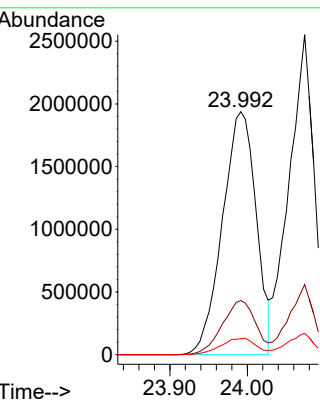
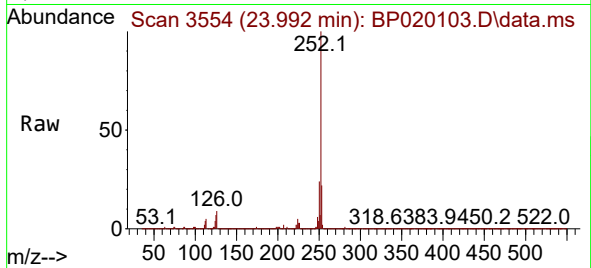
Tgt Ion:252 Resp: 5856948

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 6.6 5.7 8.5



#91

Benzo(k)fluoranthene

Concen: 161.864 ng/ul

RT: 24.074 min Scan# 3568

Delta R.T. 0.023 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

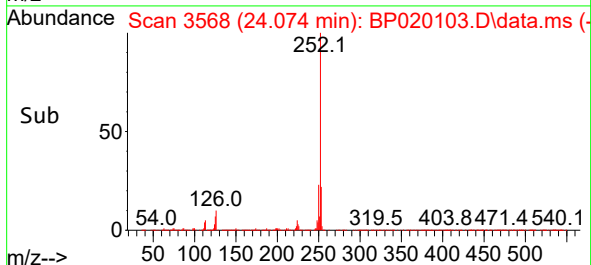
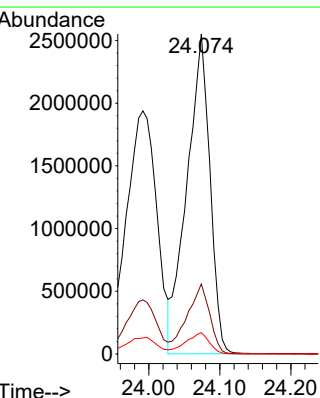
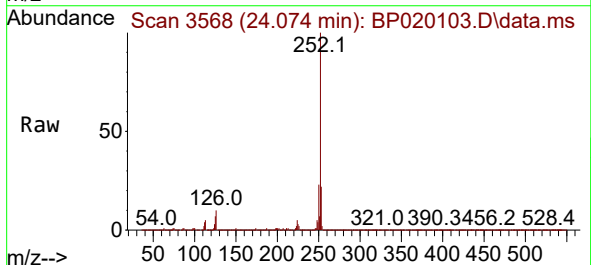
Tgt Ion:252 Resp: 5724104

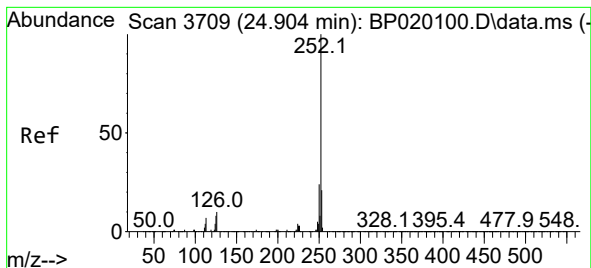
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 6.6 6.2 9.4





#93

Benzo(a)pyrene

Concen: 162.922 ng/ul

RT: 24.921 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

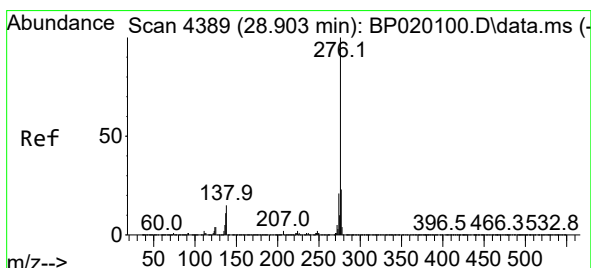
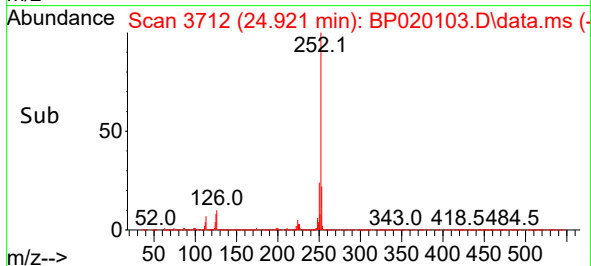
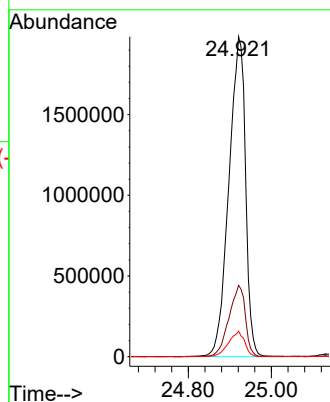
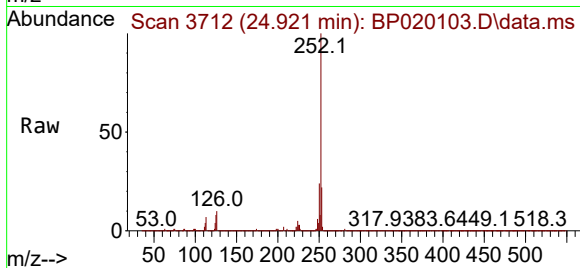
Tgt Ion:252 Resp: 5498838

Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

125 8.0 6.5 9.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 86.024 ng/ul

RT: 28.962 min Scan# 4399

Delta R.T. 0.059 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

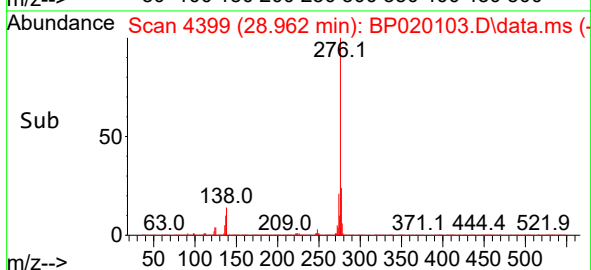
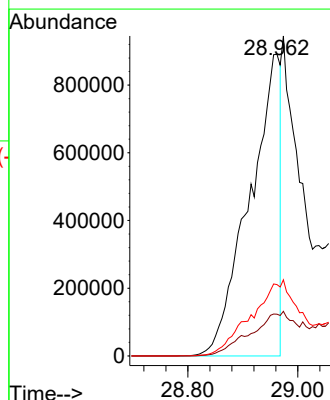
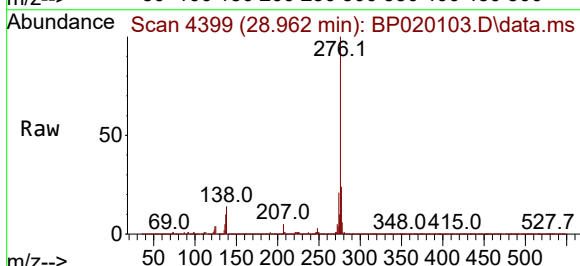
Tgt Ion:276 Resp: 3474662

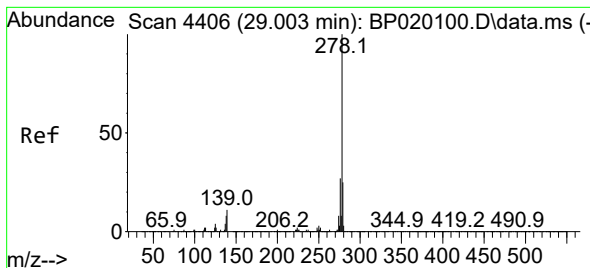
Ion Ratio Lower Upper

276 100

138 13.8 11.7 17.5

277 23.7 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 167.402 ng/ul

RT: 29.068 min Scan# 4406

Delta R.T. 0.064 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Instrument :

BNA_P

ClientSampleId :

SSTD160621

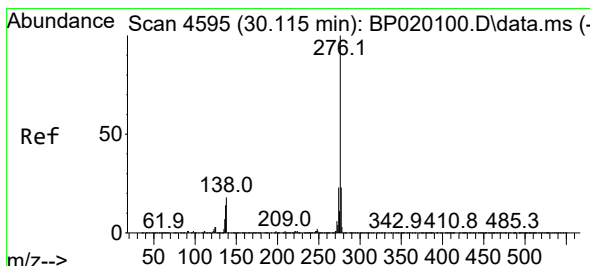
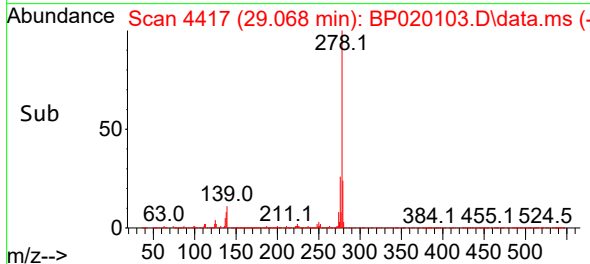
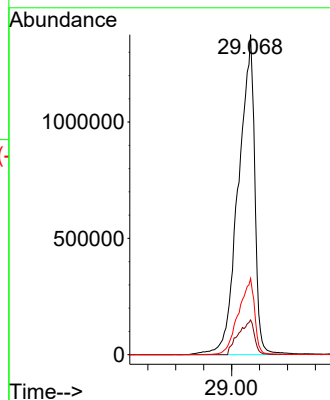
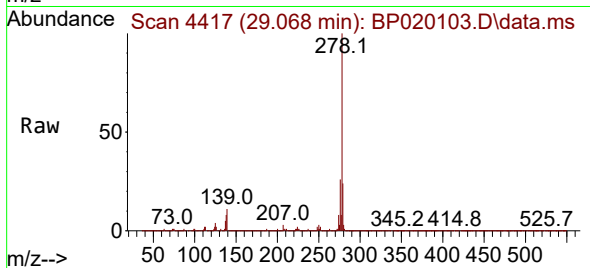
Tgt Ion:278 Resp: 5552237

Ion Ratio Lower Upper

278 100

139 10.8 8.8 13.2

279 23.8 20.3 30.5



#96

Benzo(g,h,i)perylene

Concen: 82.093 ng/ul

RT: 30.156 min Scan# 4602

Delta R.T. 0.041 min

Lab File: BP020103.D

Acq: 23 Apr 2024 13:40

Tgt Ion:276 Resp: 2601989

Ion Ratio Lower Upper

276 100

138 15.0 14.2 21.4

277 23.3 18.7 28.1

