

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020111.D
 Acq On : 23 Apr 2024 22:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

Quant Time: Apr 24 01:32:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	128152	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	504770	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	292007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	574072	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	581236	20.000	ng/u1	0.00
88) Perylene-d12	25.051	264	628181	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	23049	8.171	ng/uL	0.00
4) Pyridine-d5	3.628	84	171855	20.316	ng/u1	0.00
7) Phenol-d5	6.817	99	217053	20.196	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	147081	21.052	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	162749	20.944	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	171045	20.720	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	79045	21.034	ng/u1	0.00
24) 2-Nitrophenol-d4	9.511	143	91263	21.022	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	171602	21.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	209053	20.956	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	430424	21.095	ng/u1	0.00
49) Acenaphthylene-d8	13.999	160	503055	21.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	56095	18.372	ng/u1	0.00
60) Fluorene-d10	15.345	176	350938	19.929	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.498	200	59671	21.666	ng/u1	0.00
73) Anthracene-d10	17.269	188	535937	21.080	ng/u1	0.01
81) Pyrene-d10	19.663	212	654413	19.786	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.810	264	638910	20.921	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	27213	8.360	ng/uL	96
5) Pyridine	3.646	79	178348	20.599	ng/u1	95
6) Benzaldehyde	6.805	77	154732	25.320	ng/u1	96
8) Phenol	6.846	94	228871	20.389	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.075	93	191375	21.358	ng/u1	98
12) 2-Chlorophenol	7.205	128	166239	20.643	ng/u1	99
13) 2-Methylphenol	8.075	108	169521	20.804	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	266812	21.412	ng/u1	99
16) Acetophenone	8.458	105	283657	20.924	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	165750	21.549	ng/u1	99
18) 4-Methylphenol	8.405	108	181958	21.003	ng/u1	99
19) Hexachloroethane	8.681	117	80939	20.527	ng/u1	99
22) Nitrobenzene	8.840	77	247054	21.586	ng/u1	97
23) Isophorone	9.358	82	438424	21.213	ng/u1	99
25) 2-Nitrophenol	9.540	139	96846	21.535	ng/u1	96
26) 2,4-Dimethylphenol	9.599	107	206481	21.066	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	254663	21.550	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	164448	20.941	ng/u1	97
30) Naphthalene	10.463	128	537950	20.528	ng/u1	99
32) 4-Chloroaniline	10.587	127	206310	21.091	ng/u1	99
33) Hexachlorobutadiene	10.722	225	140332	21.087	ng/u1	97
34) Caprolactam	11.393	113	43588	19.376	ng/u1	93
35) 4-Chloro-3-methylphenol	11.722	107	174568	19.600	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	347133	20.023	ng/u1	98

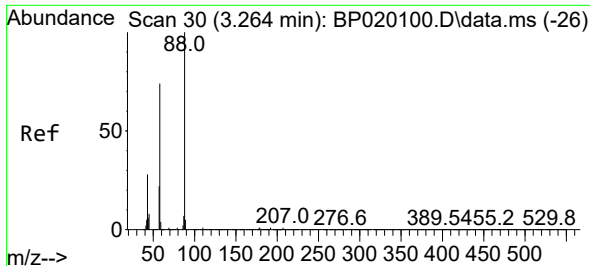
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020111.D
 Acq On : 23 Apr 2024 22:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

Quant Time: Apr 24 01:32:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.305	142	352152	20.407	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.463	216	223633	21.890	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	82310	22.311	ng/ul	99
41) 2,4,6-Trichlorophenol	12.716	196	131332	21.441	ng/ul	97
42) 2,4,5-Trichlorophenol	12.799	196	134237	21.129	ng/ul	93
43) 1,1'-Biphenyl	13.122	154	461188	21.829	ng/ul	100
44) 2-Chloronaphthalene	13.169	162	366977	21.445	ng/ul	99
45) 2-Nitroaniline	13.393	65	119695	21.369	ng/ul	99
47) Dimethylphthalate	13.781	163	446845	21.524	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	86248	20.783	ng/ul	99
50) Acenaphthylene	14.034	152	553870	20.679	ng/ul	100
51) 3-Nitroaniline	14.251	138	83462	20.382	ng/ul	98
52) Acenaphthene	14.387	153	364646	20.680	ng/ul	98
53) 2,4-Dinitrophenol	14.487	184	32507	18.431	ng/ul	88
55) 4-Nitrophenol	14.581	109	60866	19.132	ng/ul	97
56) Dibenzofuran	14.734	168	493001	20.202	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	117525	19.968	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.969	232	111824	19.727	ng/ul	98
59) Diethylphthalate	15.187	149	419040	20.521	ng/ul	99
61) Fluorene	15.404	166	395968	19.739	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.404	204	225448	20.681	ng/ul	97
63) 4-Nitroaniline	15.463	138	75169	19.260	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.510	198	60965	21.144	ng/ul	99
67) N-Nitrosodiphenylamine	15.634	169	323982	21.413	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	133768	21.378	ng/ul	98
69) Hexachlorobenzene	16.440	284	148043	20.895	ng/ul	98
70) Atrazine	16.634	200	128070	21.839	ng/ul	98
71) Pentachlorophenol	16.810	266	91391	20.651	ng/ul	100
72) Phenanthrene	17.210	178	612929	20.823	ng/ul	98
74) Anthracene	17.304	178	628827	21.031	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	216706	23.344	ng/uL	97
76) Pentachlorobenzene	14.640	250	191944	22.331	ng/uL	98
77) Carbazole	17.598	167	546062	20.741	ng/ul	98
78) Di-n-butylphthalate	18.198	149	678283	21.304	ng/ul	99
80) Fluoranthene	19.316	202	775532	20.140	ng/ul	99
82) Pyrene	19.698	202	798562	19.902	ng/ul	98
83) Butylbenzylphthalate	20.669	149	318994	19.764	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.569	252	251381	23.021	ng/ul	99
85) Benzo(a)anthracene	21.639	228	813261	20.179	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	482121	20.317	ng/ul	99
87) Chrysene	21.710	228	768337	20.609	ng/ul	99
89) Di-n-octyl phthalate	22.886	149	820127	20.828	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	777344	20.447	ng/ul	99
91) Benzo(k)fluoranthene	24.039	252	781051	20.976	ng/ul	99
93) Benzo(a)pyrene	24.886	252	745702	20.984	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.915	276	768911	18.105	ng/ul	99
95) Dibenzo(a,h)anthracene	28.992	278	339400	9.716	ng/ul	97
96) Benzo(g,h,i)perylene	30.104	276	689732	20.491	ng/ul	96

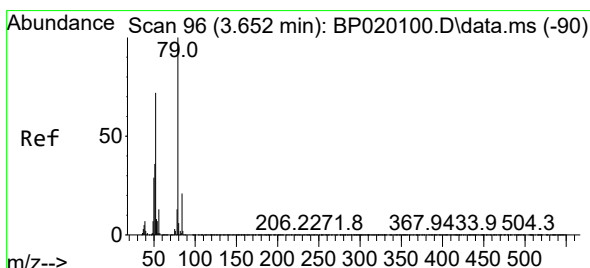
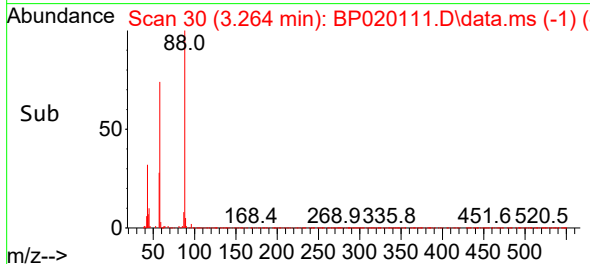
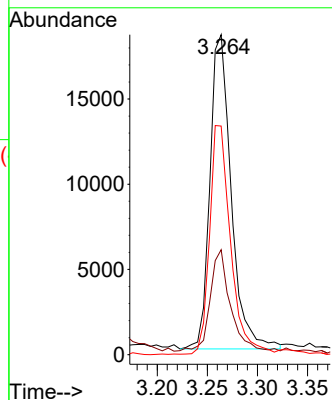
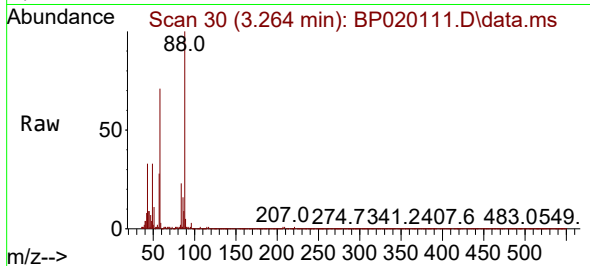
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 8.360 ng/uL
RT: 3.264 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

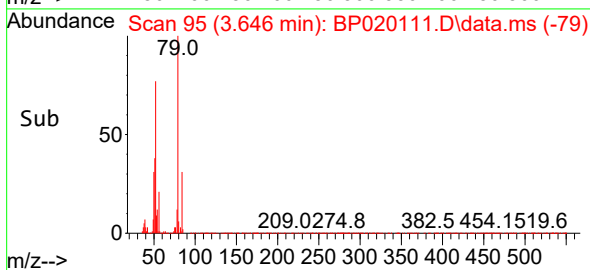
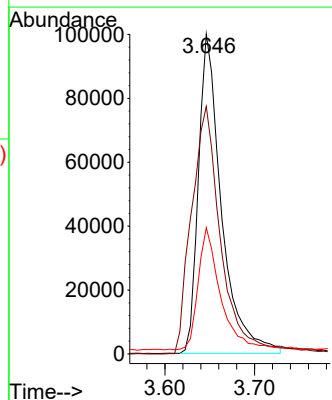
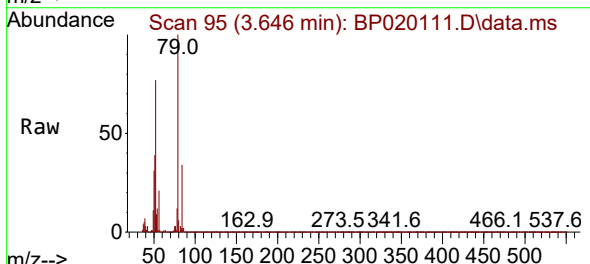
Instrument :
BNA_P
ClientSampleId :
SSTD020776

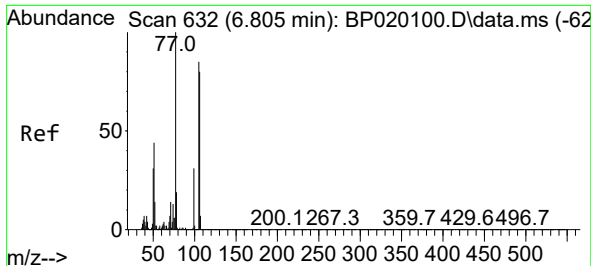
Tgt Ion: 88 Resp: 27213
Ion Ratio Lower Upper
88 100
43 32.8 24.0 36.0
58 71.5 59.1 88.7



#5
Pyridine
Concen: 20.599 ng/uL
RT: 3.646 min Scan# 95
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion: 79 Resp: 178348
Ion Ratio Lower Upper
79 100
52 77.4 57.9 86.9
51 39.5 29.6 44.4

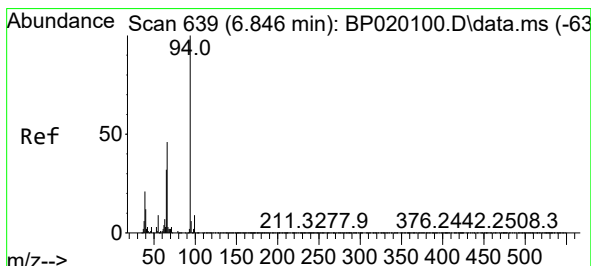
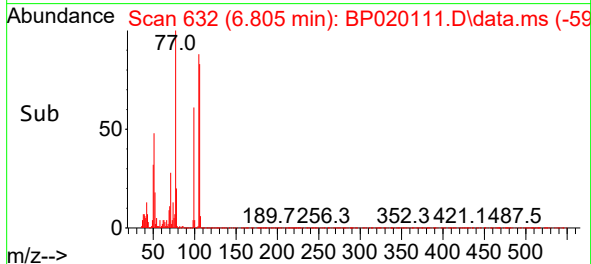
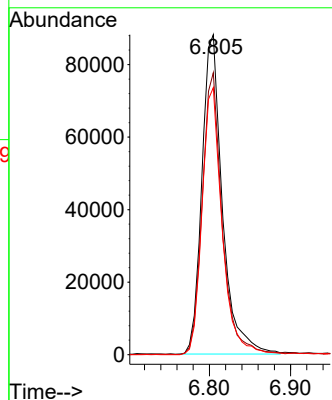
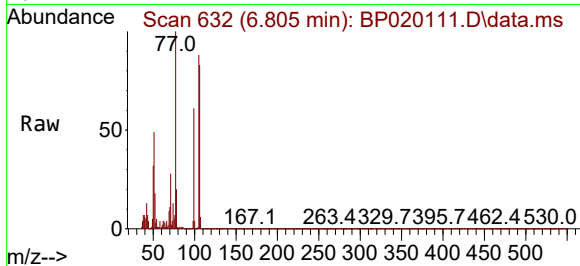




#6
Benzaldehyde
Concen: 25.320 ng/ul
RT: 6.805 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

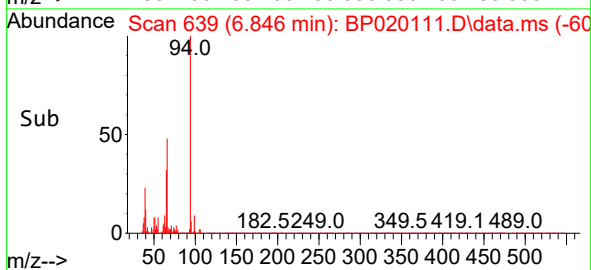
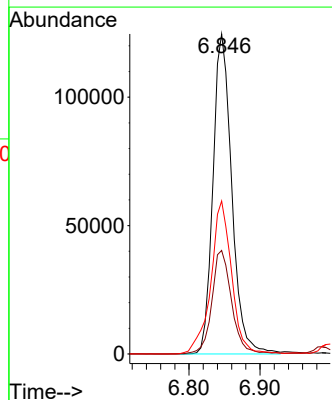
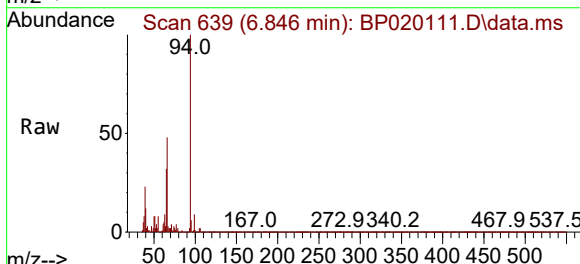
Instrument :
BNA_P
ClientSampleId :
SSTD020776

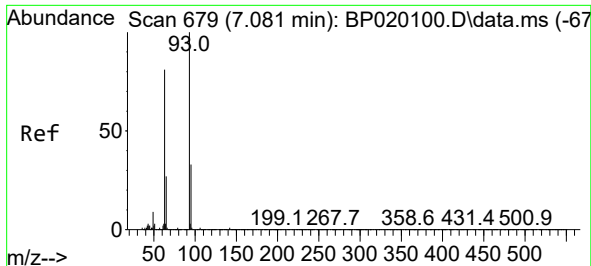
Tgt Ion: 77 Resp: 154732
Ion Ratio Lower Upper
77 100
105 88.1 67.9 101.9
106 83.4 63.9 95.9



#8
Phenol
Concen: 20.389 ng/ul
RT: 6.846 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion: 94 Resp: 228871
Ion Ratio Lower Upper
94 100
65 32.3 25.5 38.3
66 47.8 36.9 55.3

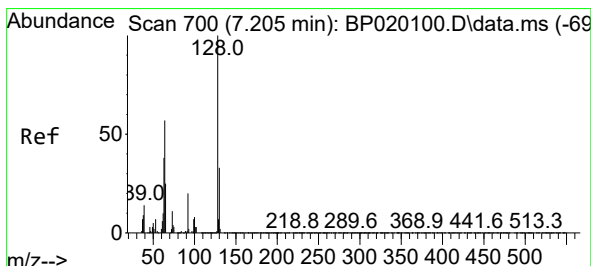
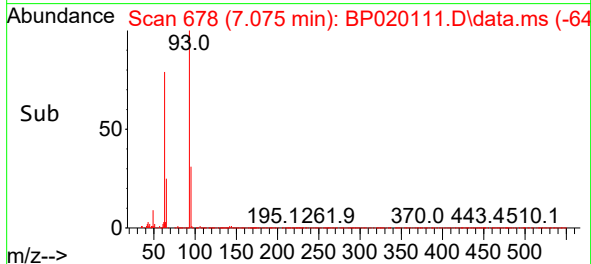
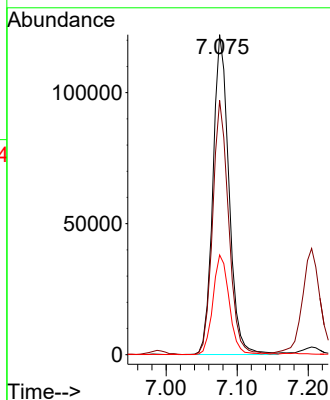
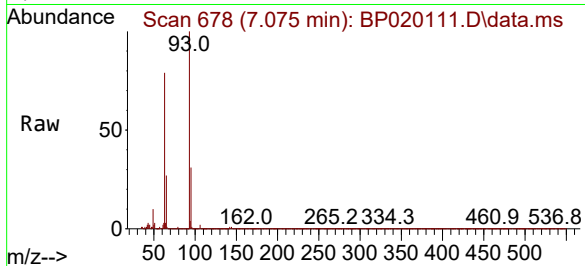




#10
Bis(2-Chloroethyl)ether
Concen: 21.358 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

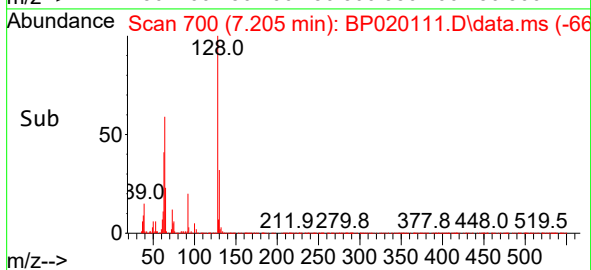
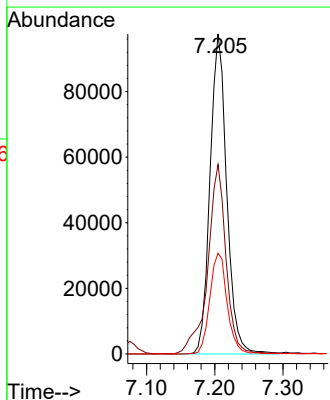
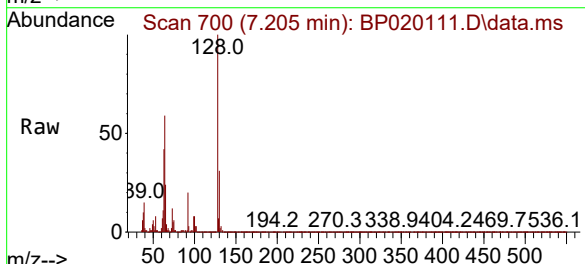
Instrument :
BNA_P
ClientSampleId :
SSTD020776

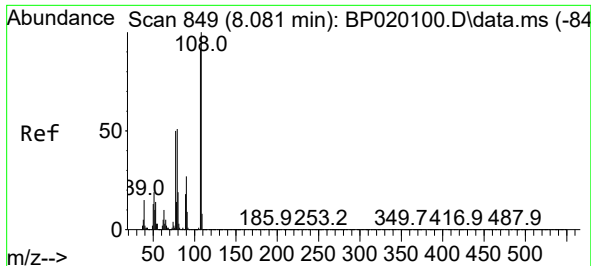
Tgt Ion: 93 Resp: 191375
Ion Ratio Lower Upper
93 100
63 79.4 64.7 97.1
95 31.2 26.2 39.4



#12
2-Chlorophenol
Concen: 20.643 ng/ul
RT: 7.205 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:128 Resp: 166239
Ion Ratio Lower Upper
128 100
64 59.2 47.3 70.9
130 31.5 26.1 39.1





#13

2-Methylphenol

Concen: 20.804 ng/ul

RT: 8.075 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

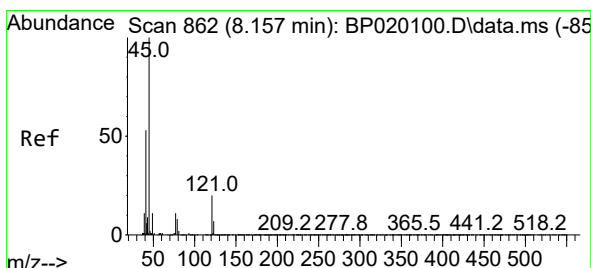
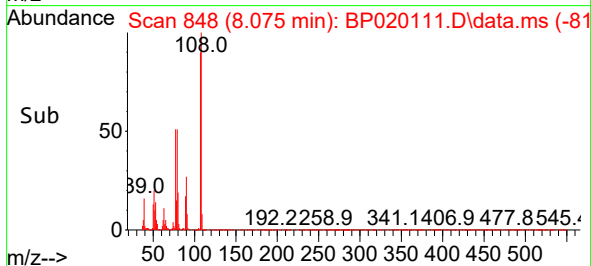
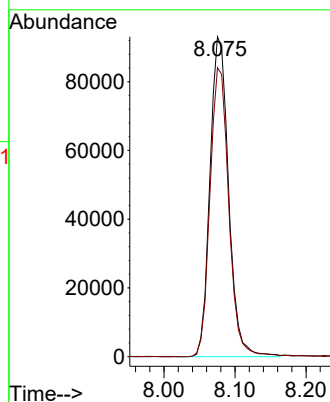
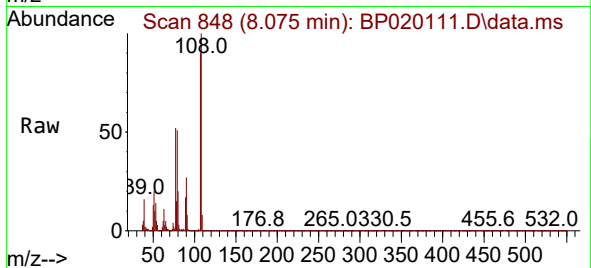
SSTD020776

Tgt Ion:108 Resp: 169521

Ion Ratio Lower Upper

108 100

107 90.3 72.8 109.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.412 ng/ul

RT: 8.152 min Scan# 861

Delta R.T. -0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

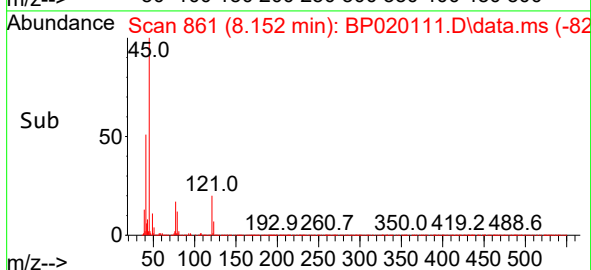
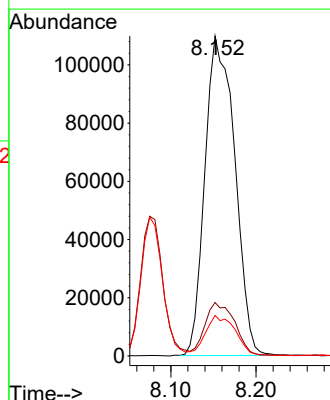
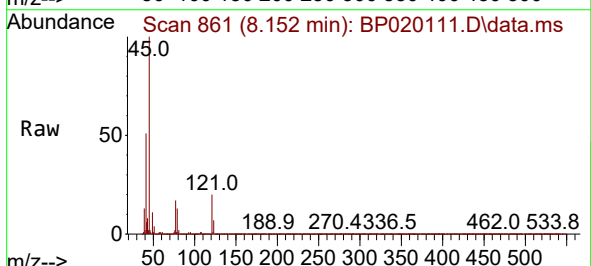
Tgt Ion: 45 Resp: 266812

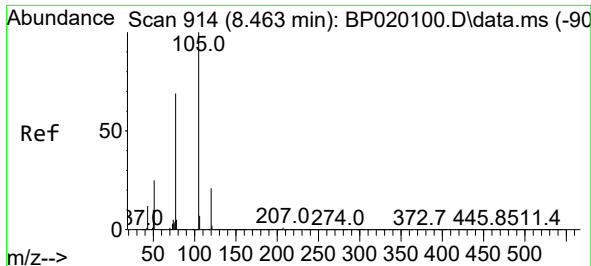
Ion Ratio Lower Upper

45 100

77 16.7 13.4 20.2

79 12.7 10.7 16.1

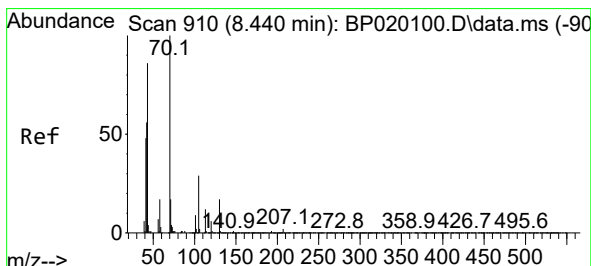
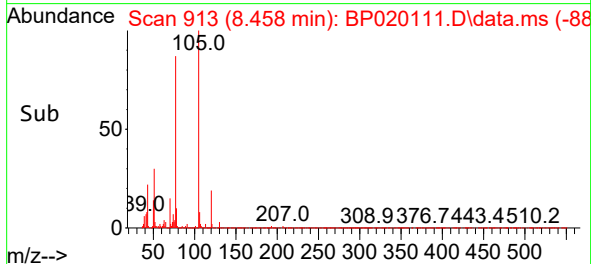
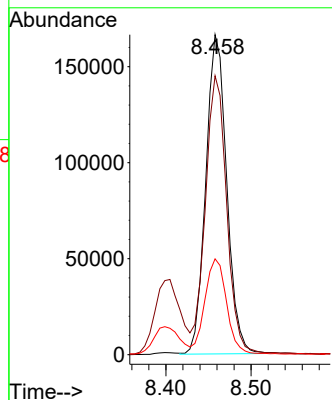
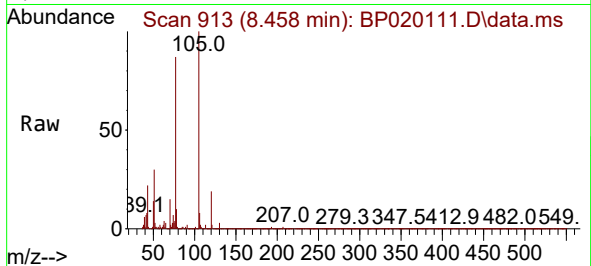




#16
Acetophenone
Concen: 20.924 ng/ul
RT: 8.458 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

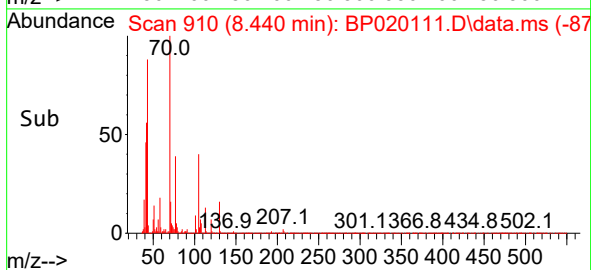
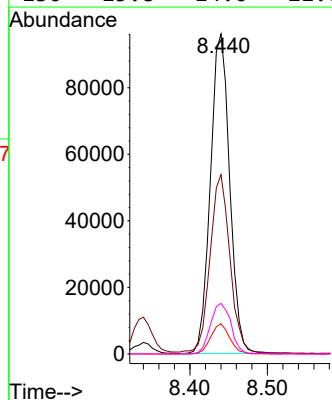
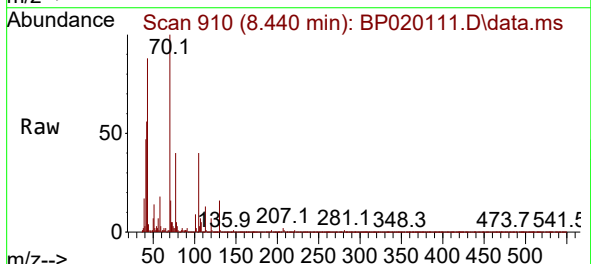
Instrument :
BNA_P
ClientSampleId :
SSTD020776

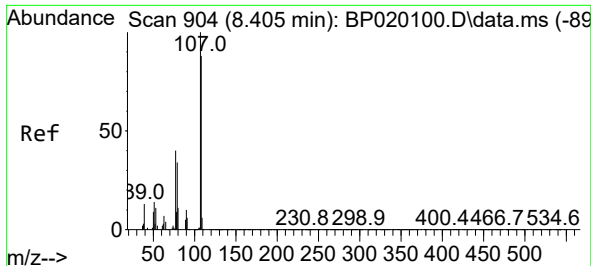
Tgt Ion:105 Resp: 283657
Ion Ratio Lower Upper
105 100
77 87.1 69.8 104.8
51 30.0 25.0 37.4



#17
N-Nitroso-di-n-propylamine
Concen: 21.549 ng/ul
RT: 8.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion: 70 Resp: 165750
Ion Ratio Lower Upper
70 100
42 56.0 45.3 67.9
101 9.4 7.5 11.3
130 15.8 14.0 21.0

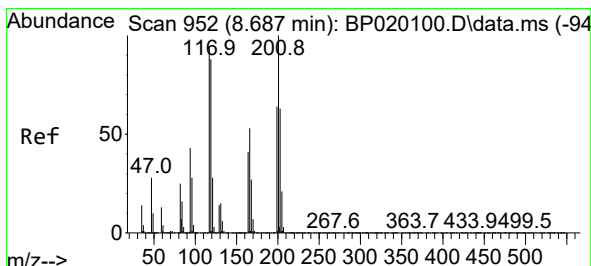
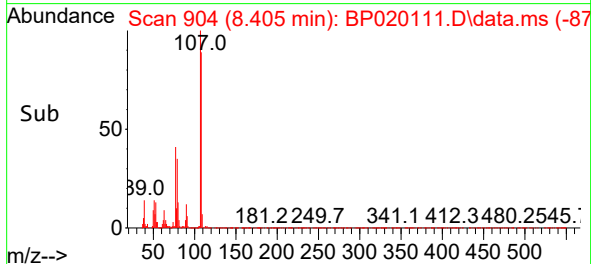
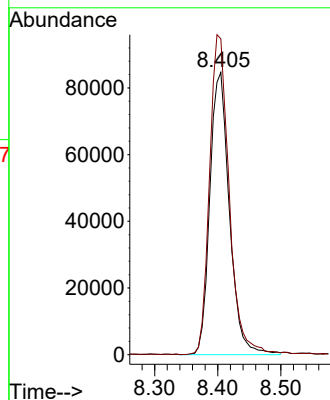
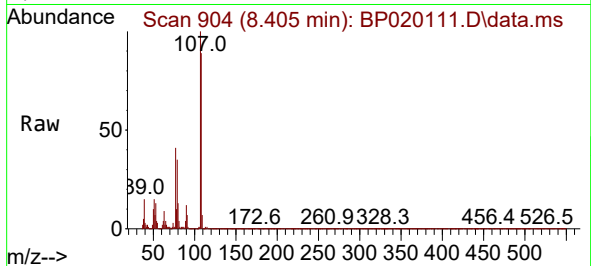




#18
4-Methylphenol
Concen: 21.003 ng/ul
RT: 8.405 min Scan# 904
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

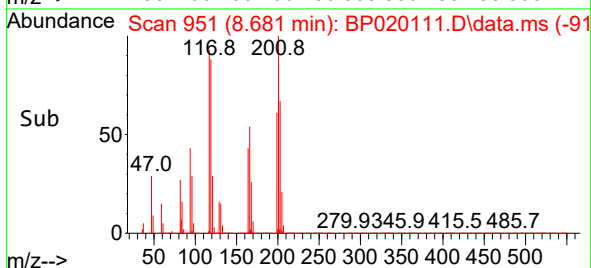
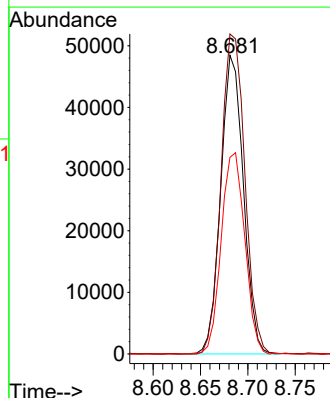
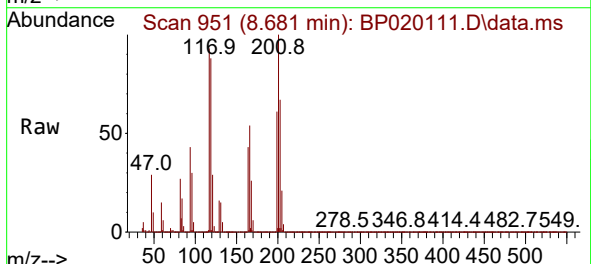
Instrument :
BNA_P
ClientSampleId :
SSTD020776

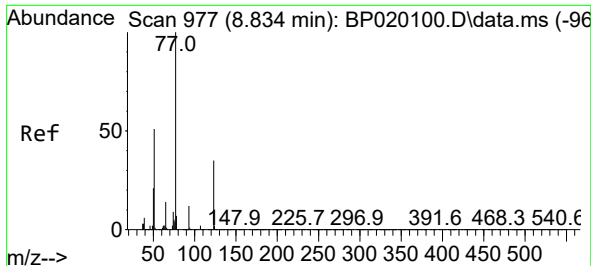
Tgt Ion:108 Resp: 181958
Ion Ratio Lower Upper
108 100
107 111.9 90.5 135.7



#19
Hexachloroethane
Concen: 20.527 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:117 Resp: 80939
Ion Ratio Lower Upper
117 100
201 107.1 85.2 127.8
199 65.8 54.3 81.5

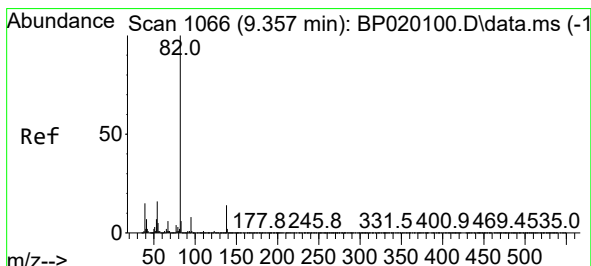
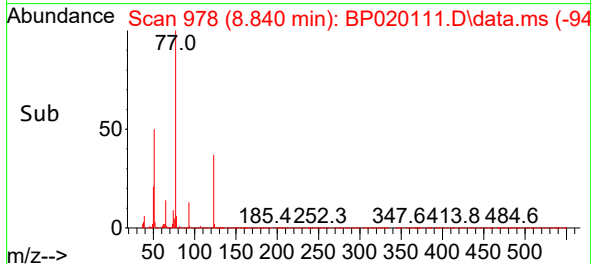
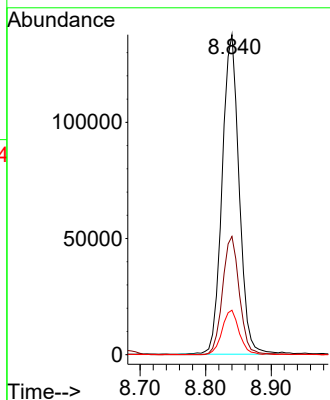
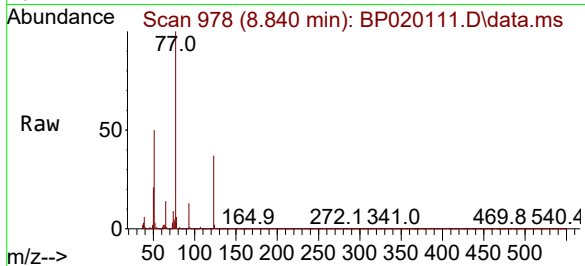




#22
Nitrobenzene
Concen: 21.586 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

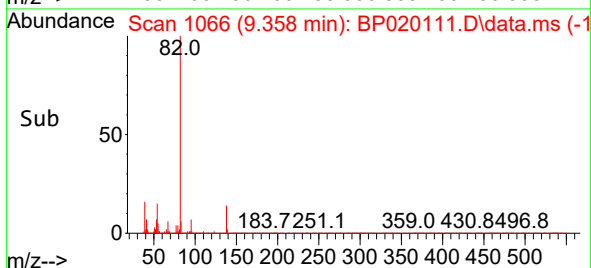
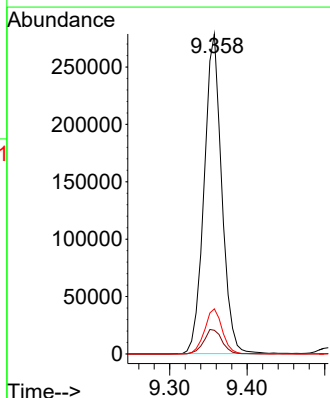
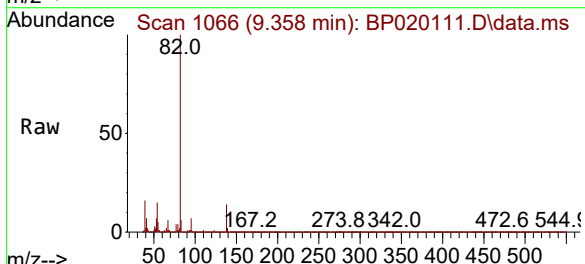
Instrument :
BNA_P
ClientSampleId :
SSTD020776

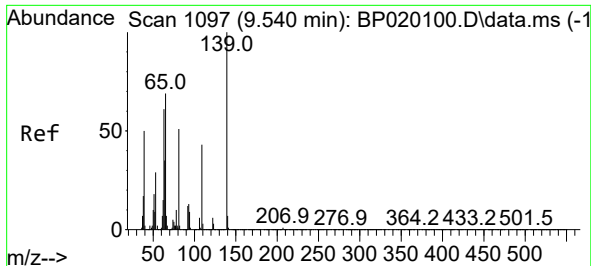
Tgt Ion: 77 Resp: 247054
Ion Ratio Lower Upper
77 100
123 37.0 27.8 41.6
65 13.9 11.5 17.3



#23
Isophorone
Concen: 21.213 ng/ul
RT: 9.358 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion: 82 Resp: 438424
Ion Ratio Lower Upper
82 100
95 7.4 6.5 9.7
138 14.1 11.4 17.2

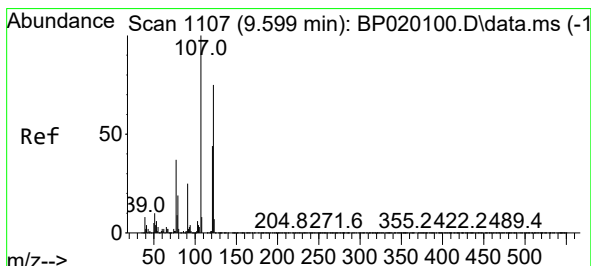
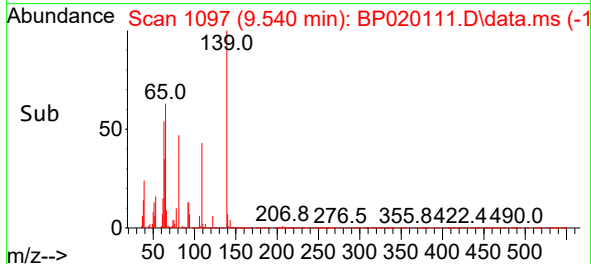
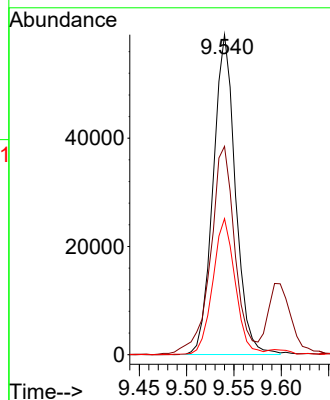
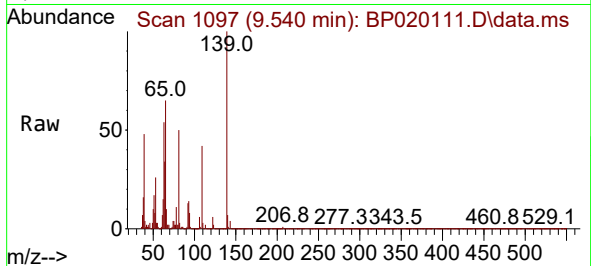




#25
2-Nitrophenol
Concen: 21.535 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

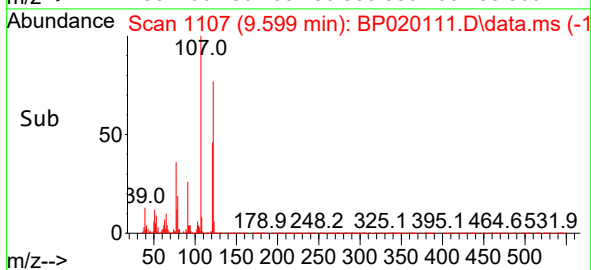
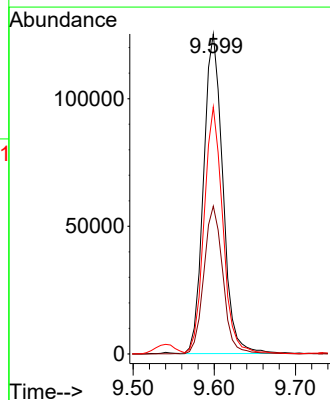
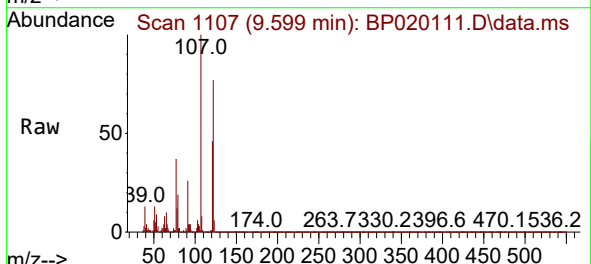
Instrument :
BNA_P
ClientSampleId :
SSTD020776

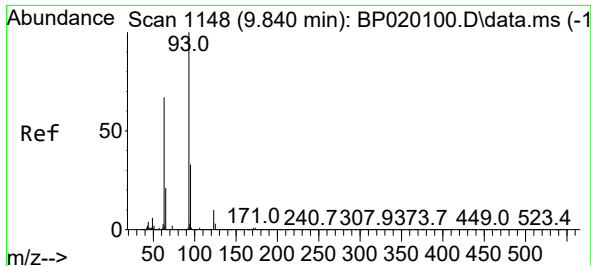
Tgt Ion:139 Resp: 96846
Ion Ratio Lower Upper
139 100
65 65.1 55.3 82.9
109 42.5 34.7 52.1



#26
2,4-Dimethylphenol
Concen: 21.066 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:107 Resp: 206481
Ion Ratio Lower Upper
107 100
121 46.2 35.0 52.4
122 77.2 61.0 91.4





#27

Bis(2-Chloroethoxy)methane

Concen: 21.550 ng/ul

RT: 9.840 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

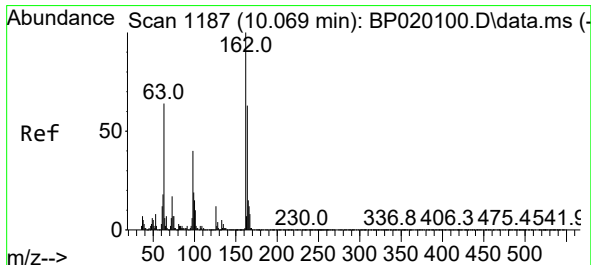
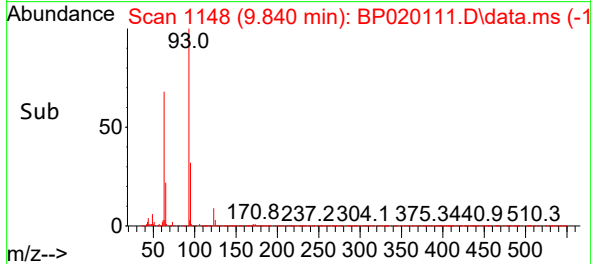
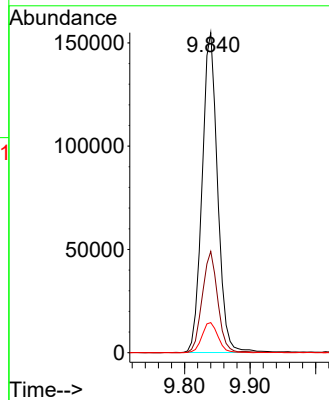
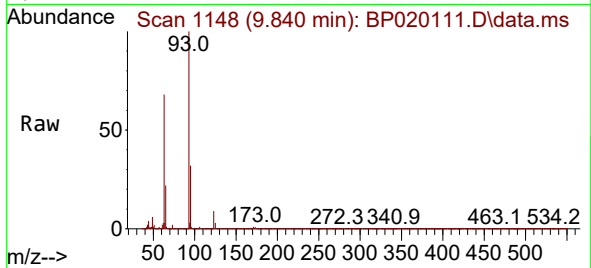
Tgt Ion: 93 Resp: 254663

Ion Ratio Lower Upper

93 100

95 31.7 26.2 39.4

123 9.4 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 20.941 ng/ul

RT: 10.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

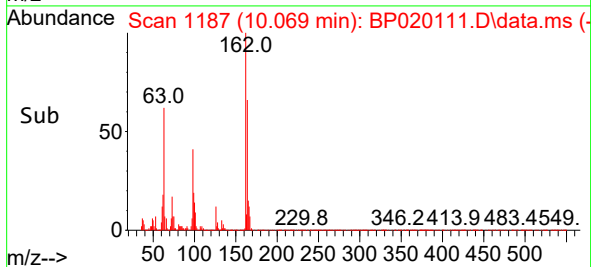
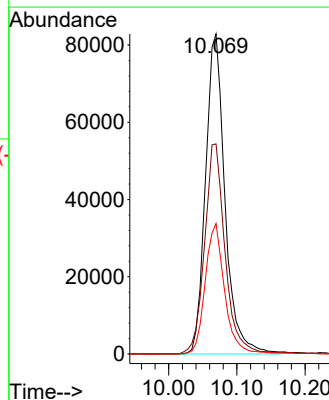
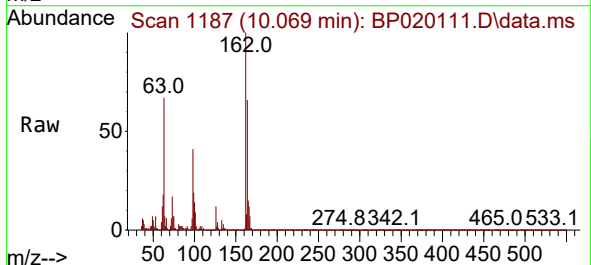
Tgt Ion:162 Resp: 164448

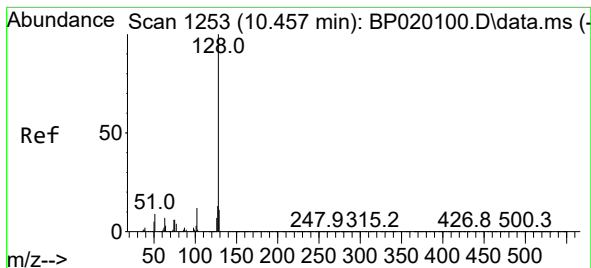
Ion Ratio Lower Upper

162 100

164 65.6 50.5 75.7

98 40.8 31.8 47.6





#30

Naphthalene

Concen: 20.528 ng/ul

RT: 10.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

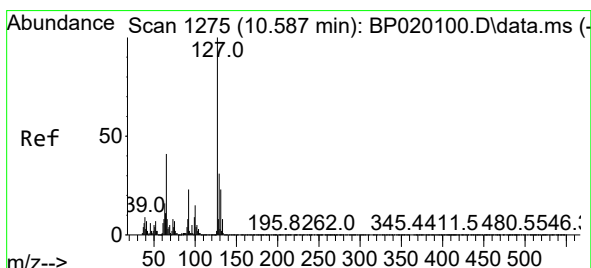
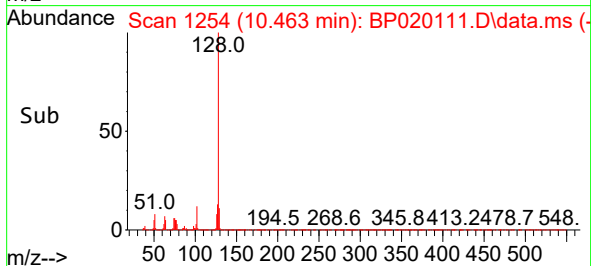
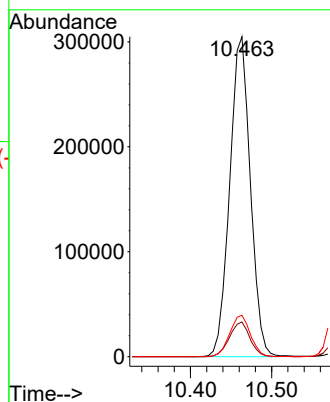
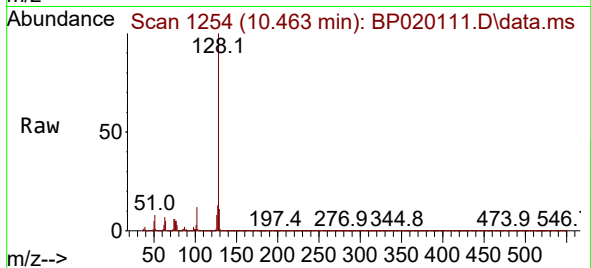
Tgt Ion:128 Resp: 537950

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 12.9 10.3 15.5



#32

4-Chloroaniline

Concen: 21.091 ng/ul

RT: 10.587 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BP020111.D

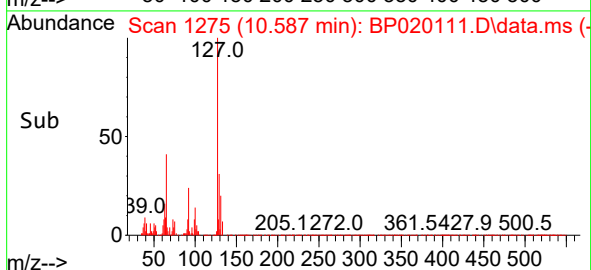
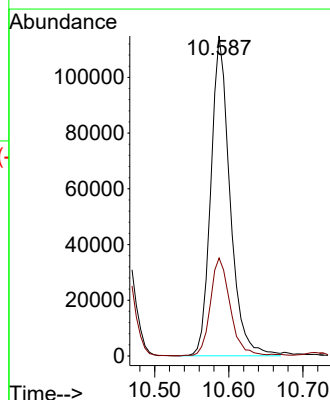
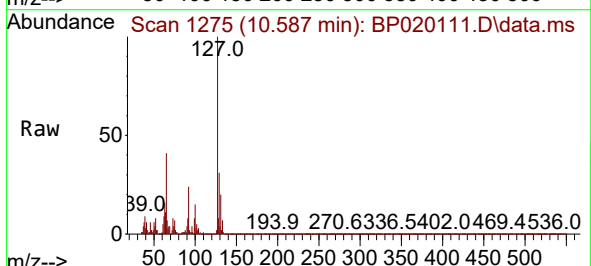
Acq: 23 Apr 2024 22:00

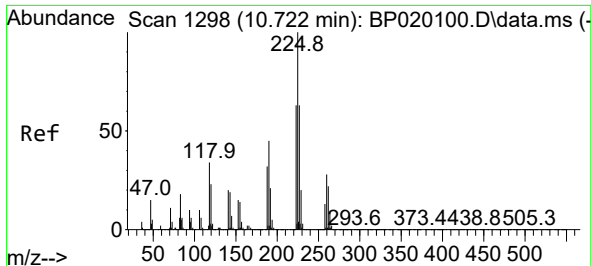
Tgt Ion:127 Resp: 206310

Ion Ratio Lower Upper

127 100

129 30.6 25.0 37.4

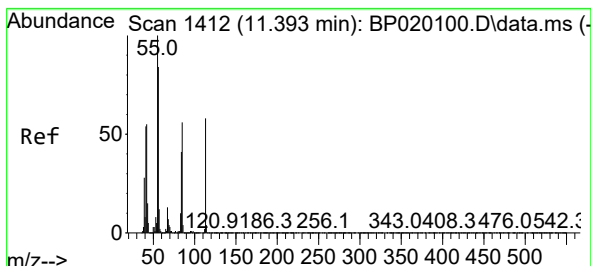
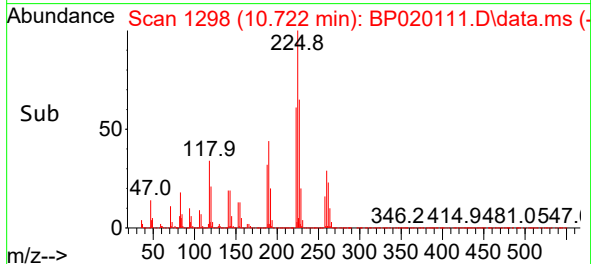
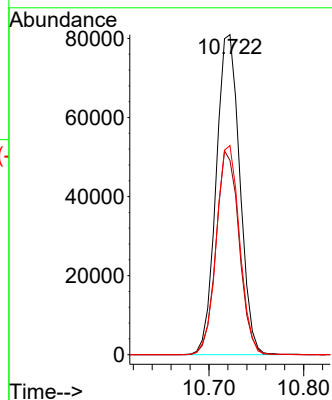
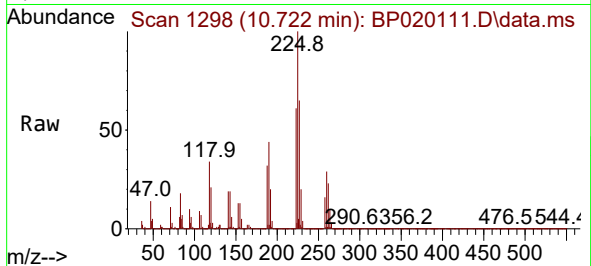




#33
Hexachlorobutadiene
Concen: 21.087 ng/ul
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

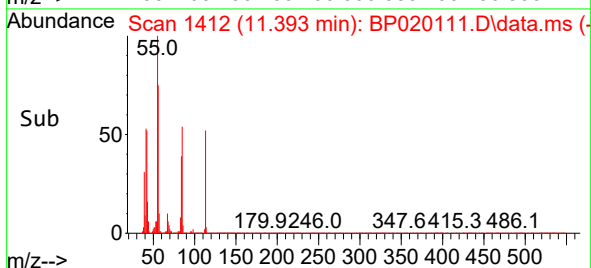
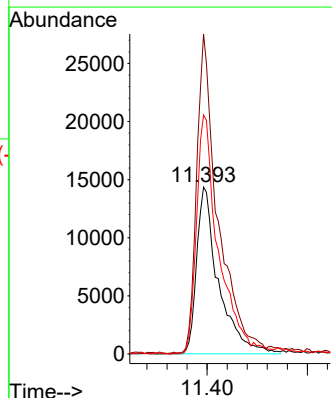
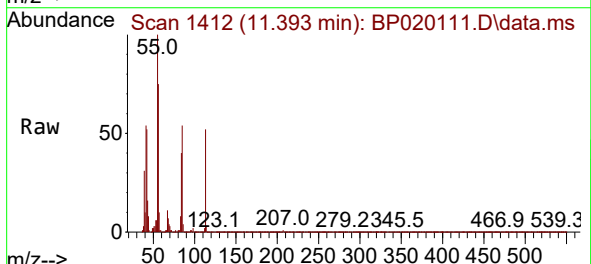
Instrument :
BNA_P
ClientSampleId :
SSTD020776

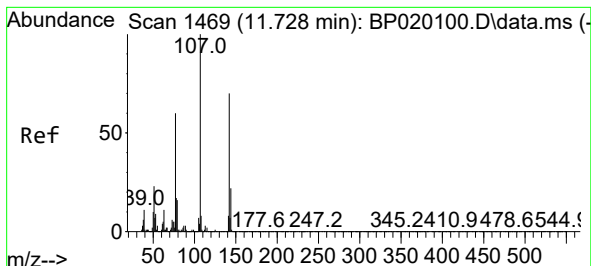
Tgt Ion:225 Resp: 140332
Ion Ratio Lower Upper
225 100
223 60.7 50.8 76.2
227 65.4 50.7 76.1



#34
Caprolactam
Concen: 19.376 ng/ul
RT: 11.393 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:113 Resp: 43588
Ion Ratio Lower Upper
113 100
55 191.7 140.2 210.4
56 143.2 116.2 174.4

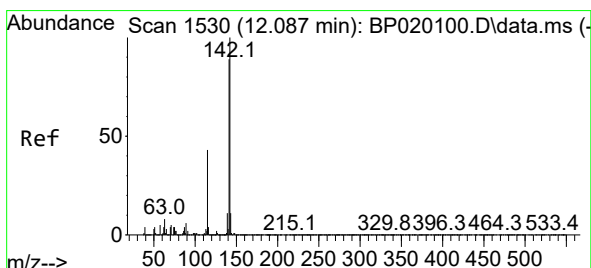
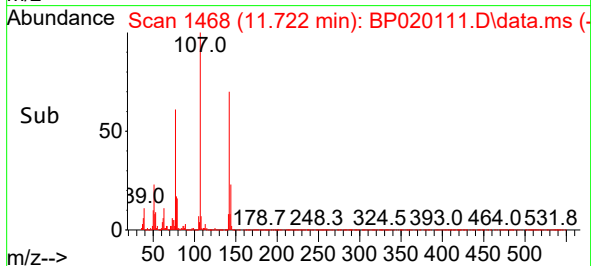
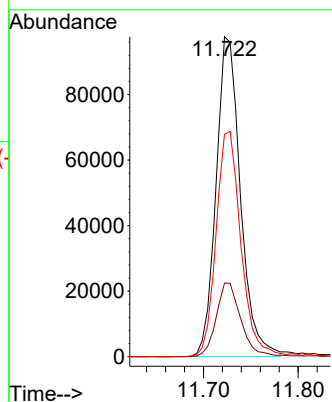
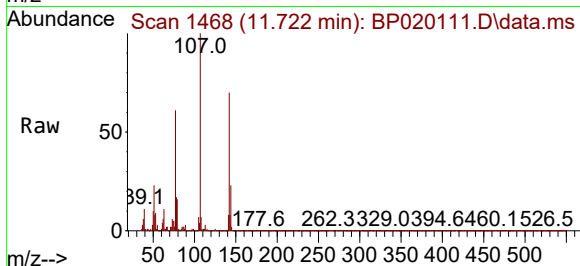




#35
4-Chloro-3-methylphenol
Concen: 19.600 ng/ul
RT: 11.722 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

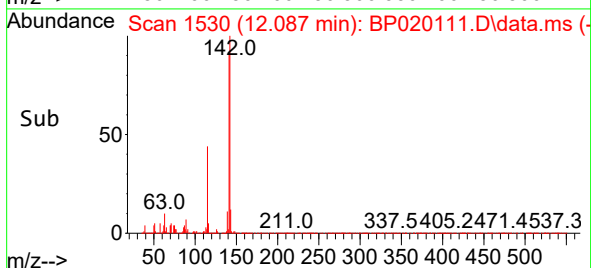
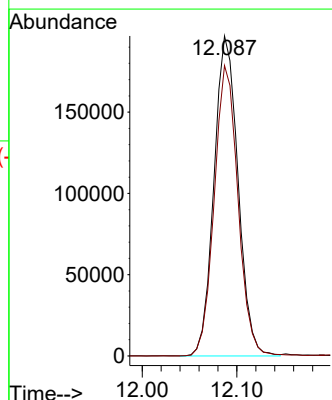
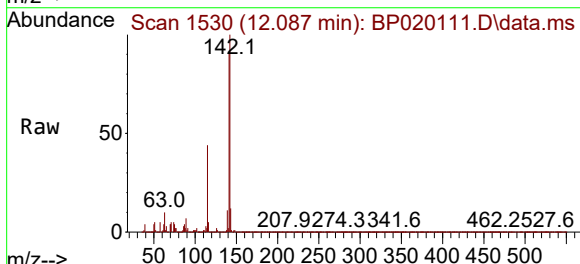
Instrument :
BNA_P
ClientSampleId :
SSTD020776

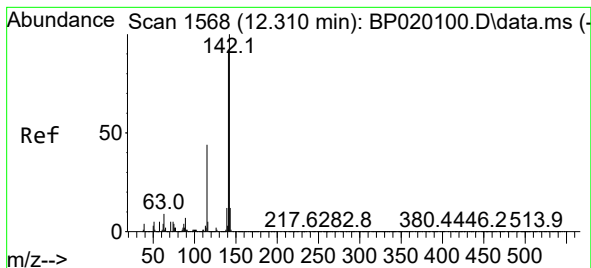
Tgt Ion:107 Resp: 174568
Ion Ratio Lower Upper
107 100
144 23.0 17.9 26.9
142 69.6 56.2 84.4



#36
2-Methylnaphthalene
Concen: 20.023 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:142 Resp: 347133
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.2





#37

1-Methylnaphthalene

Concen: 20.407 ng/ul

RT: 12.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

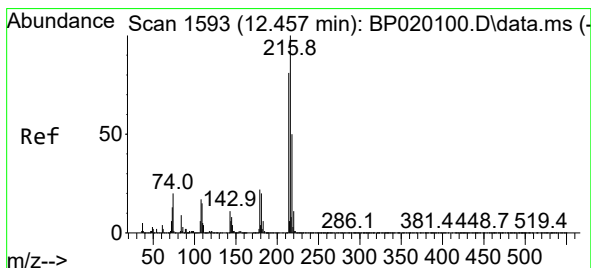
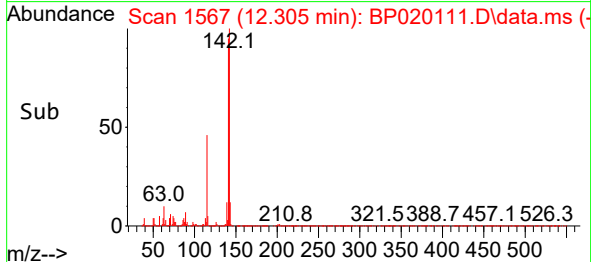
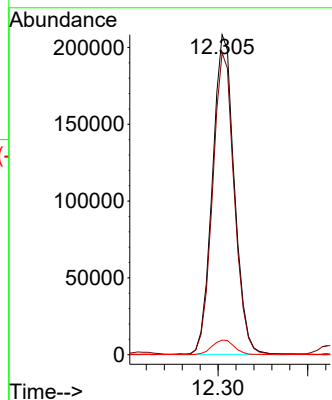
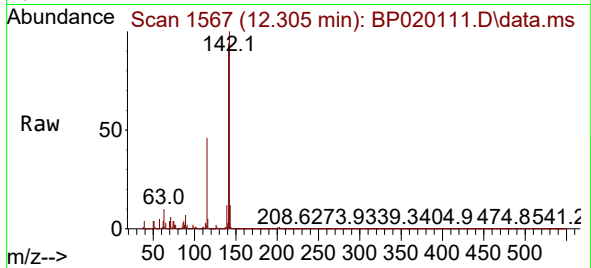
Tgt Ion:142 Resp: 352152

Ion Ratio Lower Upper

142 100

141 94.3 73.2 109.8

116 4.6 3.7 5.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.890 ng/ul

RT: 12.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Tgt Ion:216 Resp: 223633

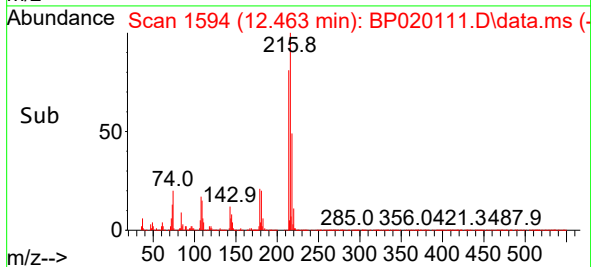
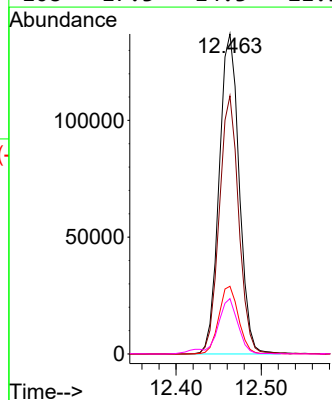
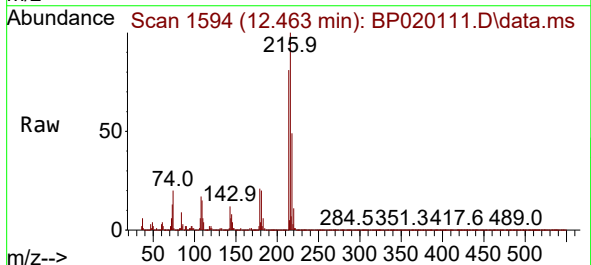
Ion Ratio Lower Upper

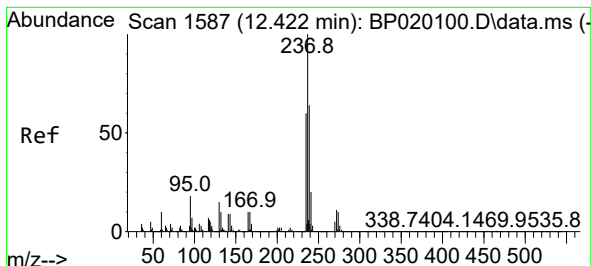
216 100

214 80.7 64.5 96.7

179 21.1 17.8 26.6

108 17.3 14.3 21.5





#40

Hexachlorocyclopentadiene

Concen: 22.311 ng/ul

RT: 12.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

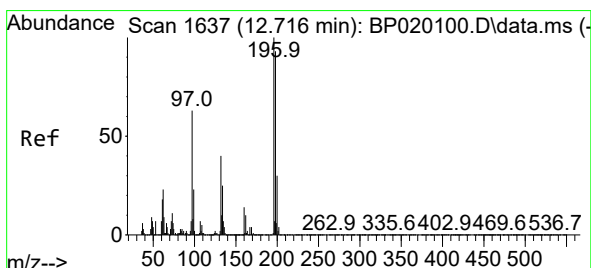
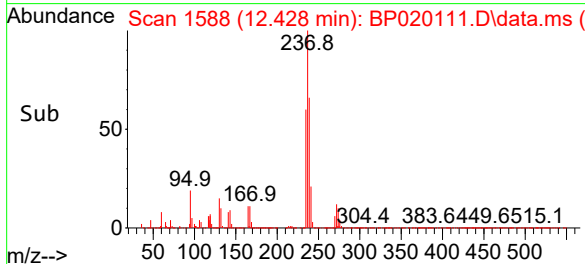
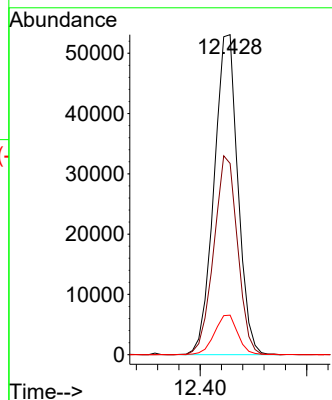
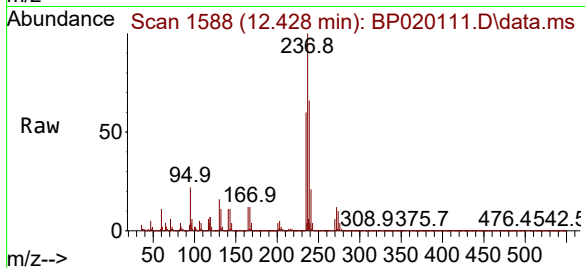
Tgt Ion:237 Resp: 82310

Ion Ratio Lower Upper

237 100

235 59.7 47.6 71.4

272 12.9 9.3 13.9



#41

2,4,6-Trichlorophenol

Concen: 21.441 ng/ul

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

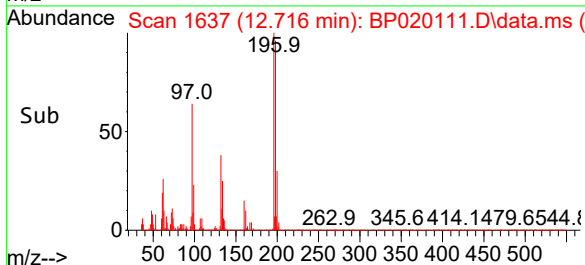
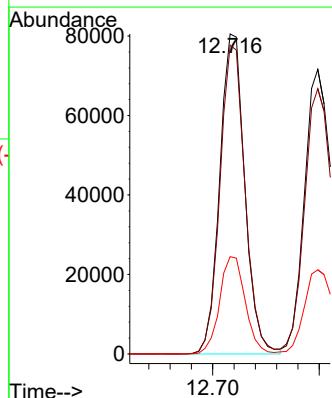
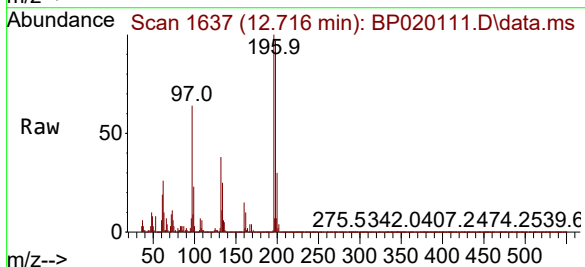
Tgt Ion:196 Resp: 131332

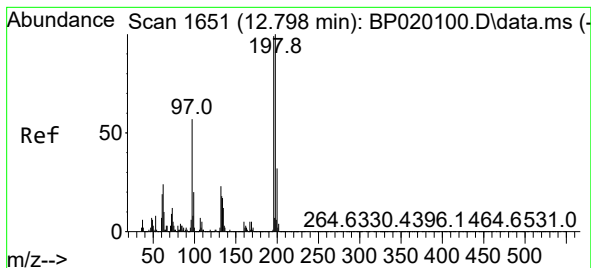
Ion Ratio Lower Upper

196 100

198 96.5 74.3 111.5

200 30.4 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 21.129 ng/ul

RT: 12.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

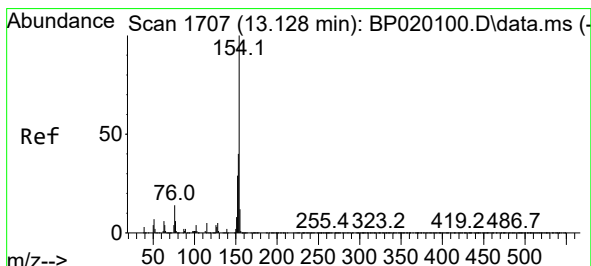
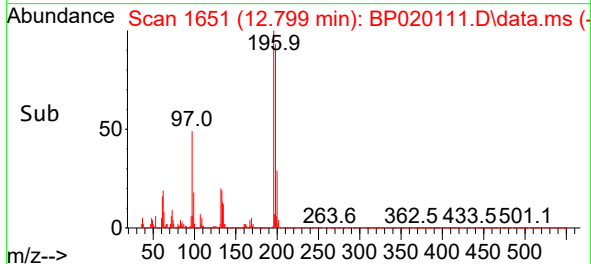
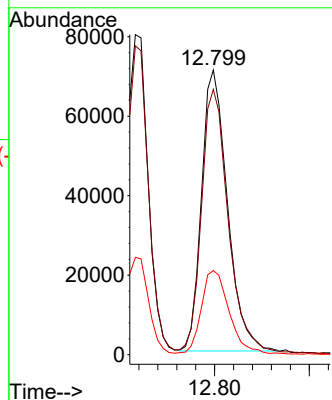
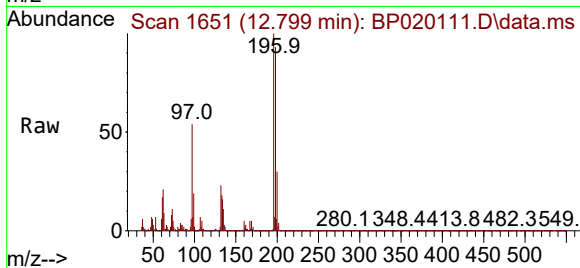
Tgt Ion:196 Resp: 134237

Ion Ratio Lower Upper

196 100

198 93.2 81.1 121.7

200 29.5 26.0 39.0



#43

1,1'-Biphenyl

Concen: 21.829 ng/ul

RT: 13.122 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

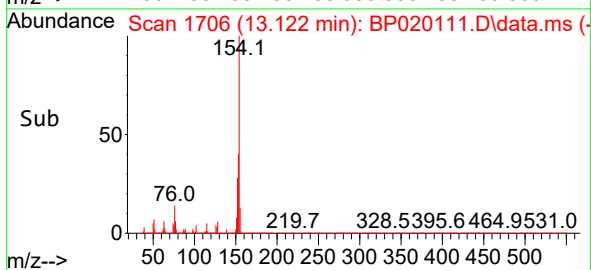
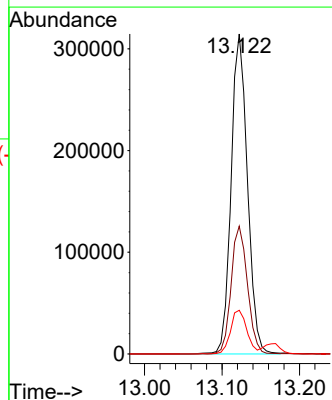
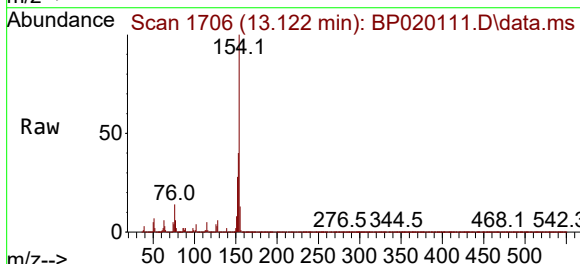
Tgt Ion:154 Resp: 461188

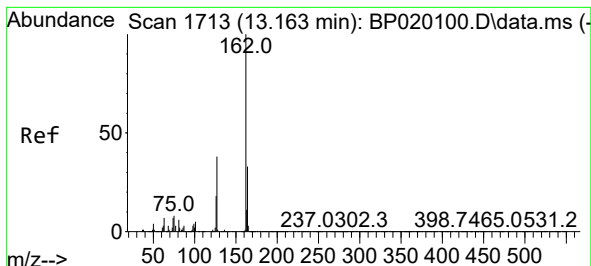
Ion Ratio Lower Upper

154 100

153 40.0 31.9 47.9

76 13.6 10.9 16.3





#44

2-Chloronaphthalene

Concen: 21.445 ng/ul

RT: 13.169 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

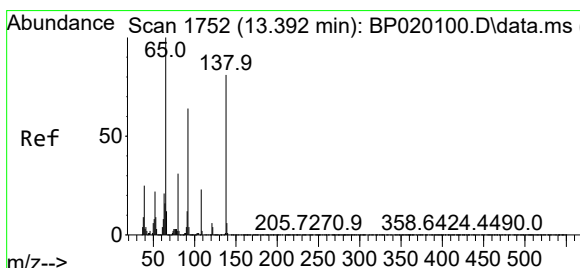
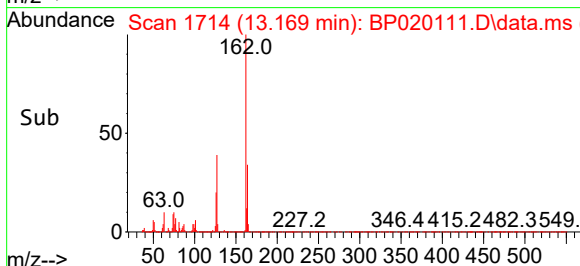
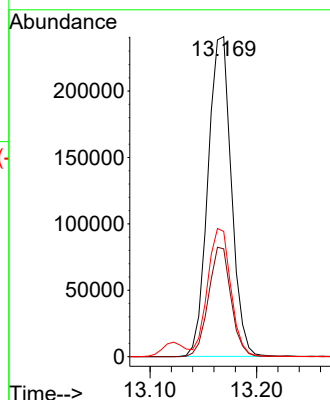
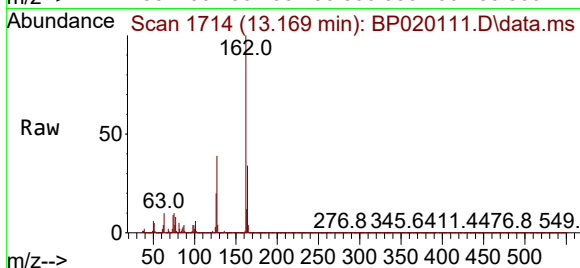
Tgt Ion:162 Resp: 366977

Ion Ratio Lower Upper

162 100

164 33.7 26.6 39.8

127 39.2 32.1 48.1



#45

2-Nitroaniline

Concen: 21.369 ng/ul

RT: 13.393 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

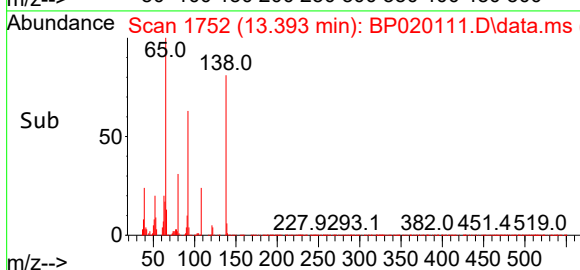
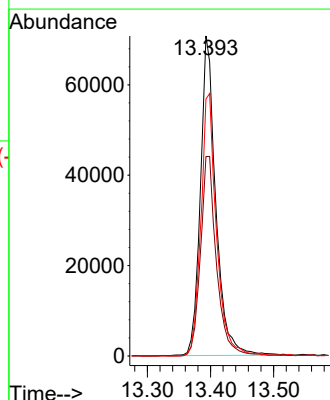
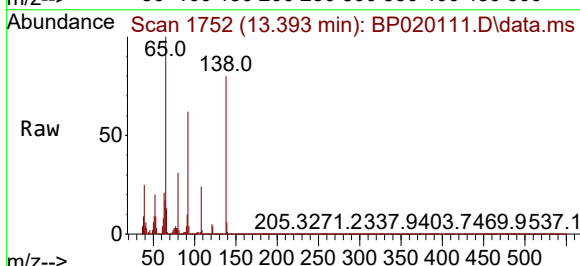
Tgt Ion: 65 Resp: 119695

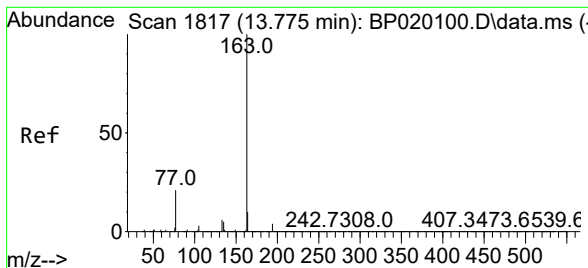
Ion Ratio Lower Upper

65 100

92 62.3 51.3 76.9

138 80.3 64.8 97.2





#47

Dimethylphthalate

Concen: 21.524 ng/ul

RT: 13.781 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

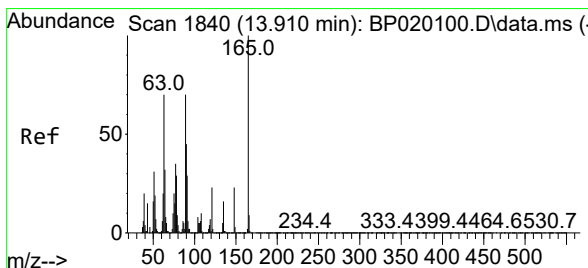
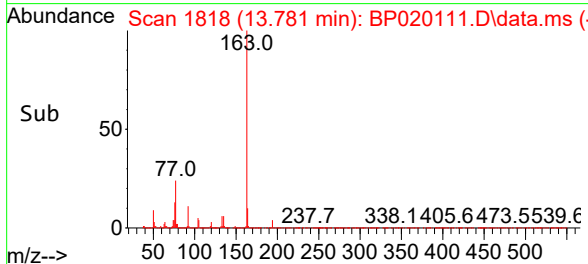
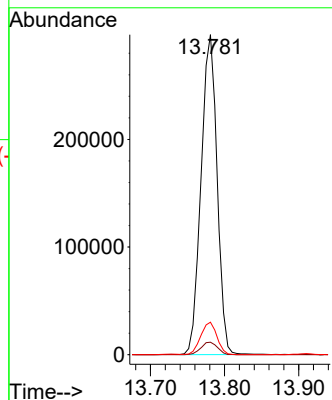
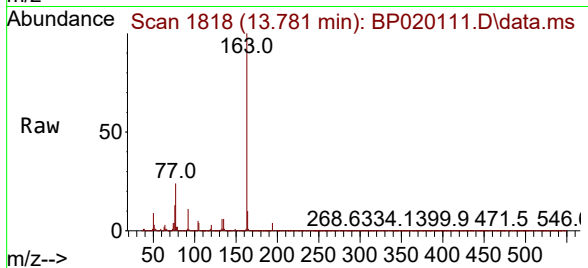
Tgt Ion:163 Resp: 446845

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 20.783 ng/ul

RT: 13.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

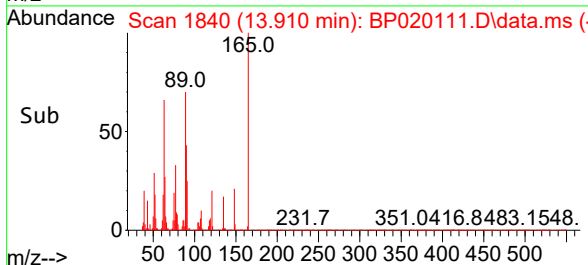
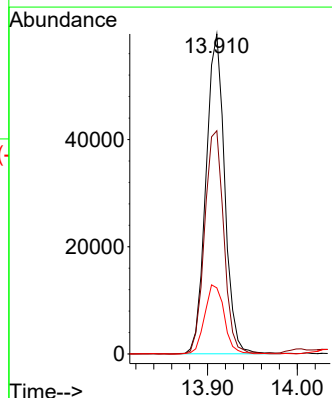
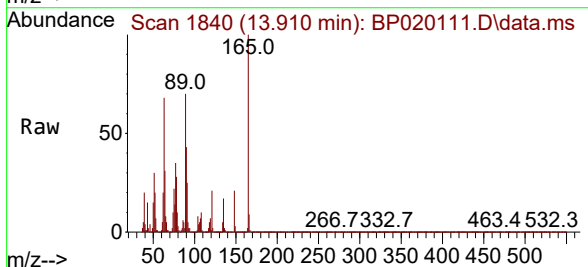
Tgt Ion:165 Resp: 86248

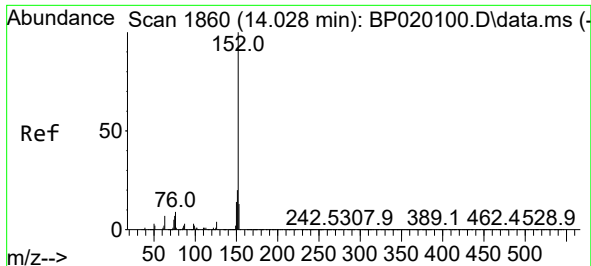
Ion Ratio Lower Upper

165 100

89 69.8 56.1 84.1

121 20.6 18.1 27.1

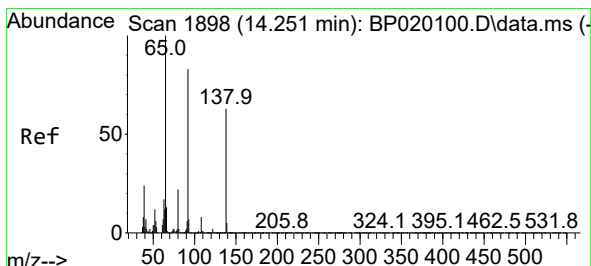
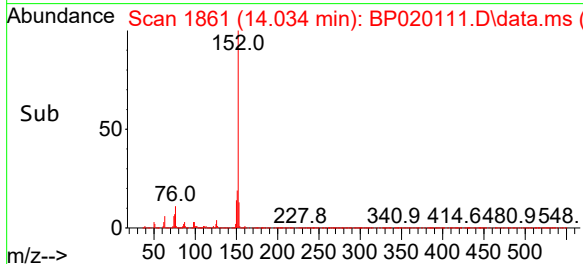
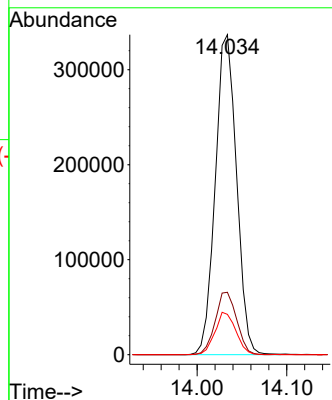
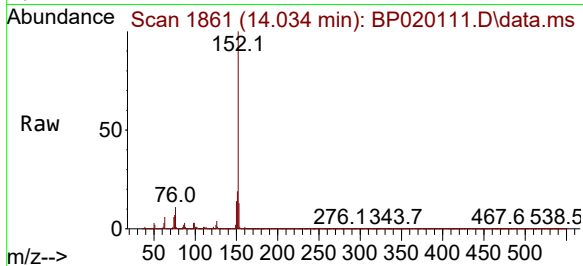




#50
Acenaphthylene
Concen: 20.679 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

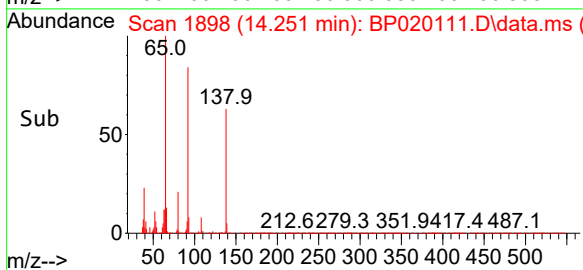
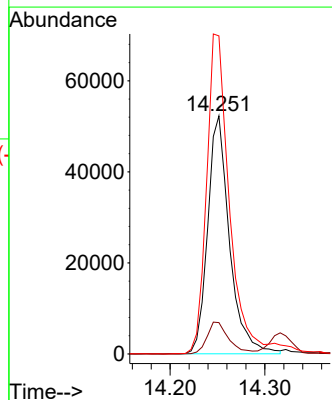
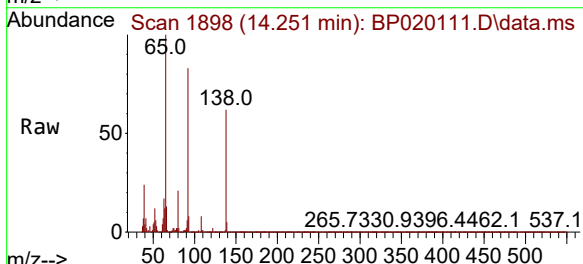
Instrument :
BNA_P
ClientSampleId :
SSTD020776

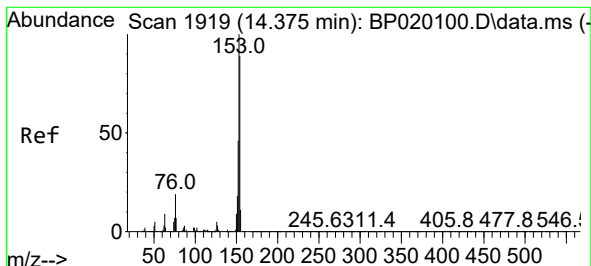
Tgt Ion:152 Resp: 553870
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.6 10.3 15.5



#51
3-Nitroaniline
Concen: 20.382 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:138 Resp: 83462
Ion Ratio Lower Upper
138 100
108 13.2 9.8 14.6
92 133.5 105.1 157.7





#52

Acenaphthene

Concen: 20.680 ng/ul

RT: 14.387 min Scan# 1919

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

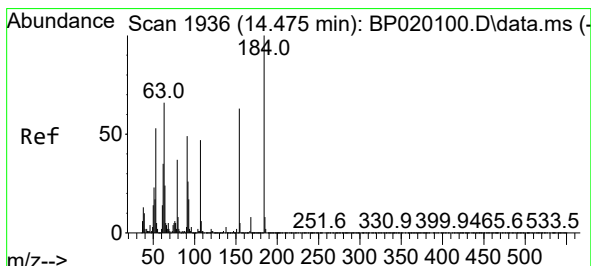
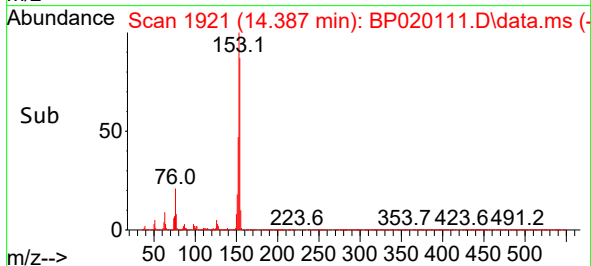
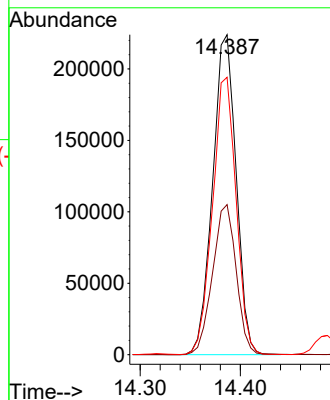
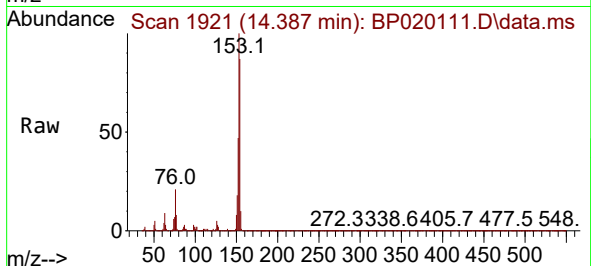
Tgt Ion:153 Resp: 364646

Ion Ratio Lower Upper

153 100

152 46.9 36.9 55.3

154 86.7 71.6 107.4



#53

2,4-Dinitrophenol

Concen: 18.431 ng/ul

RT: 14.487 min Scan# 1938

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

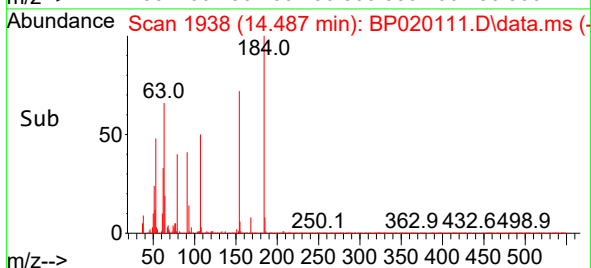
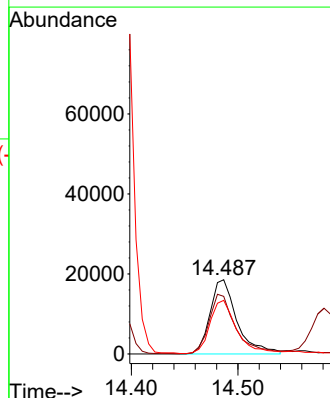
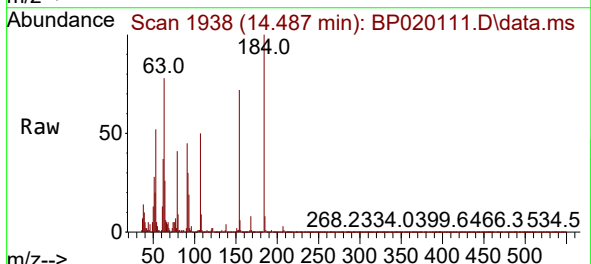
Tgt Ion:184 Resp: 32507

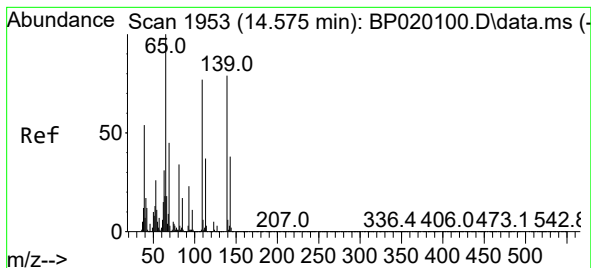
Ion Ratio Lower Upper

184 100

63 77.5 53.3 79.9

154 72.2 51.8 77.6

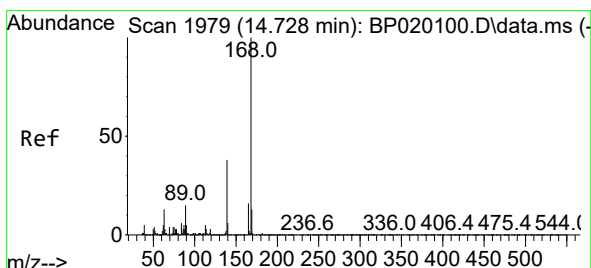
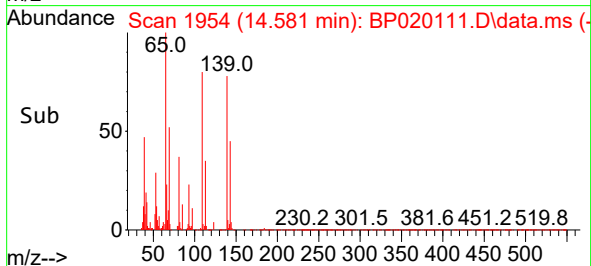
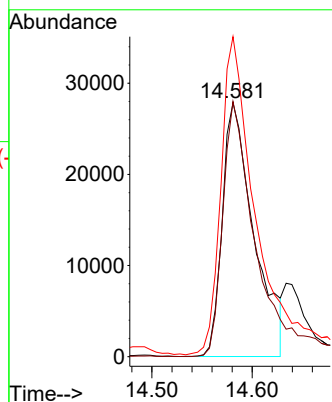
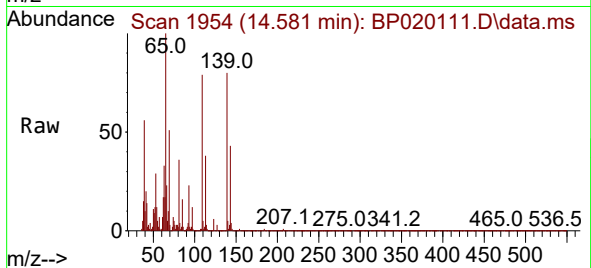




#55
4-Nitrophenol
Concen: 19.132 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

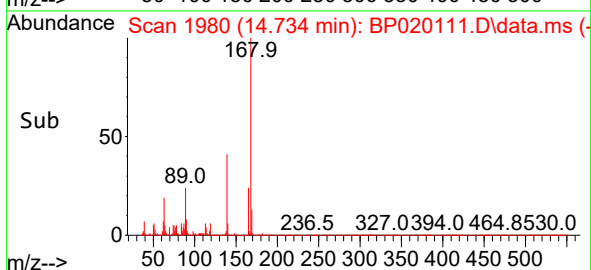
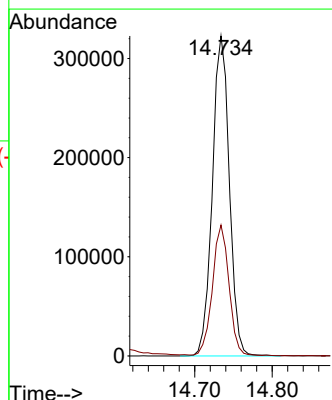
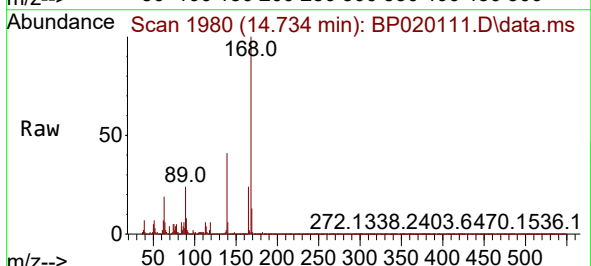
Instrument :
BNA_P
ClientSampleId :
SSTD020776

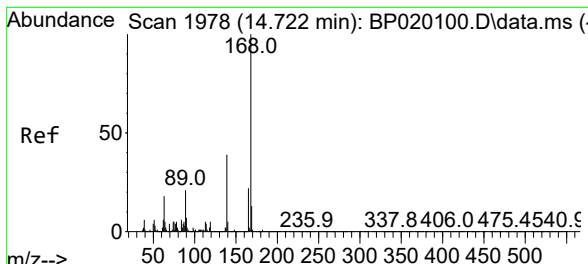
Tgt Ion:109 Resp: 60866
Ion Ratio Lower Upper
109 100
139 100.4 81.4 122.2
65 126.0 104.3 156.5



#56
Dibenzofuran
Concen: 20.202 ng/ul
RT: 14.734 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:168 Resp: 493001
Ion Ratio Lower Upper
168 100
139 40.9 30.6 46.0



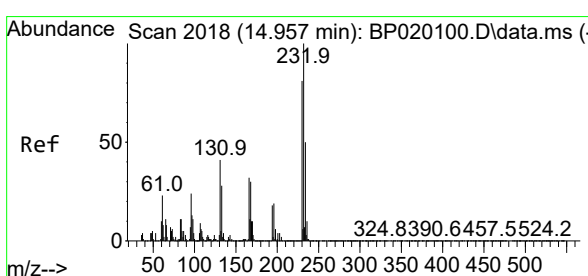
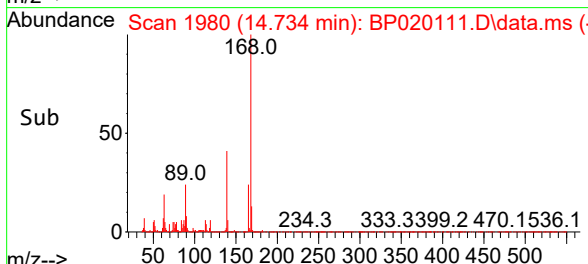
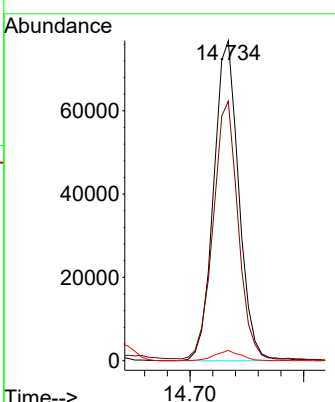
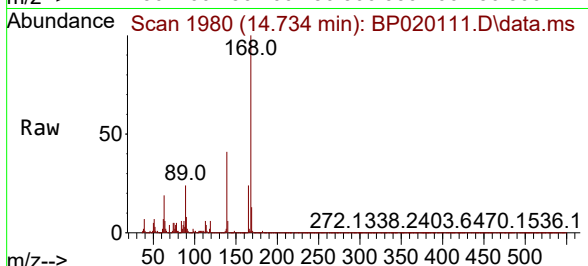


#57
 2,4-Dinitrotoluene
 Concen: 19.968 ng/ul
 RT: 14.734 min Scan# 1978
 Delta R.T. 0.012 min
 Lab File: BP020111.D
 Acq: 23 Apr 2024 22:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

Tgt Ion:165 Resp: 117525

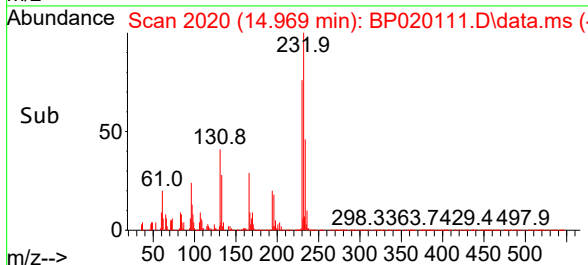
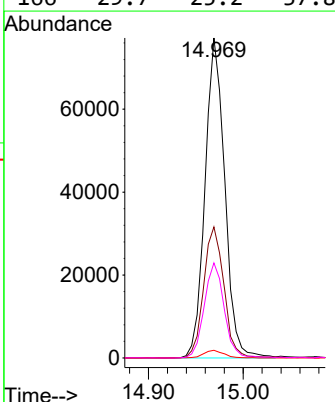
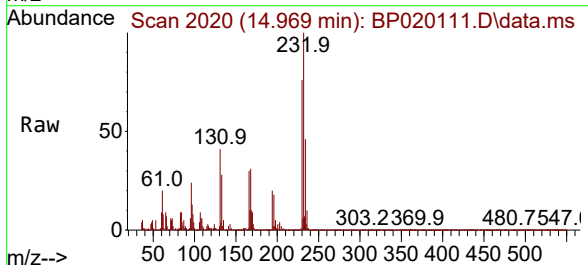
Ion	Ratio	Lower	Upper
165	100		
63	81.1	63.2	94.8
182	3.2	2.2	3.2

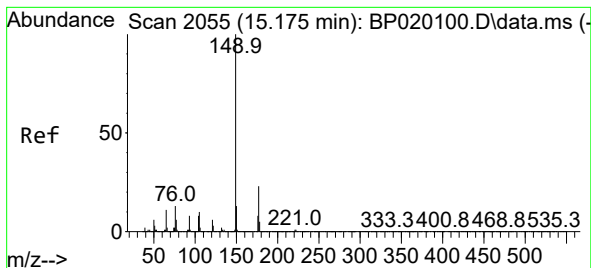


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.727 ng/ul
 RT: 14.969 min Scan# 2020
 Delta R.T. 0.012 min
 Lab File: BP020111.D
 Acq: 23 Apr 2024 22:00

Tgt Ion:232 Resp: 111824

Ion	Ratio	Lower	Upper
232	100		
131	41.0	33.2	49.8
130	2.4	2.2	3.2
166	29.7	25.2	37.8





#59

Diethylphthalate

Concen: 20.521 ng/ul

RT: 15.187 min Scan# 2055

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

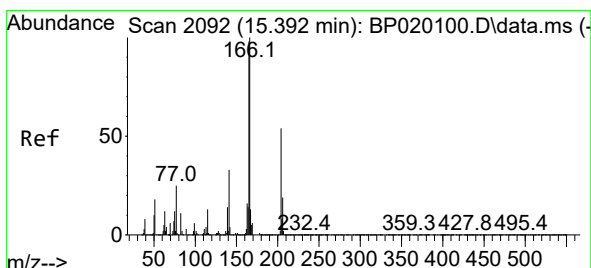
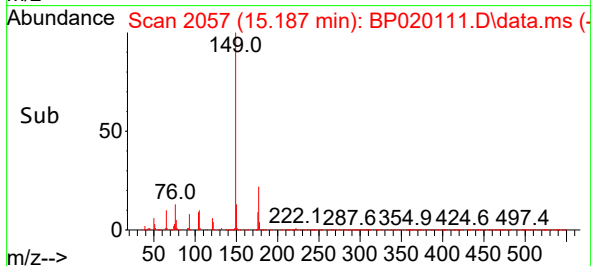
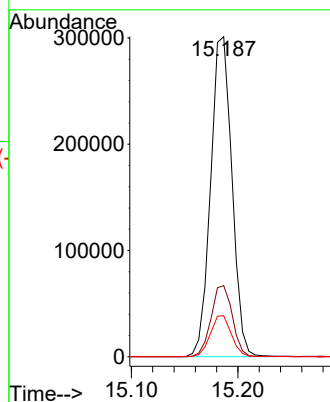
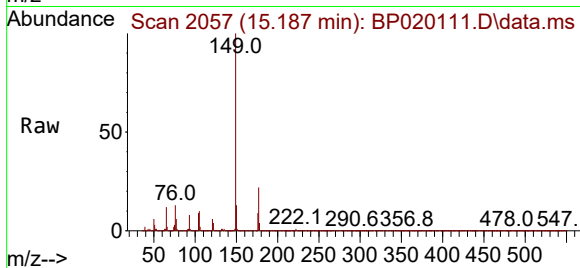
Tgt Ion:149 Resp: 419040

Ion Ratio Lower Upper

149 100

177 22.2 18.3 27.5

150 12.8 10.0 15.0



#61

Fluorene

Concen: 19.739 ng/ul

RT: 15.404 min Scan# 2094

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

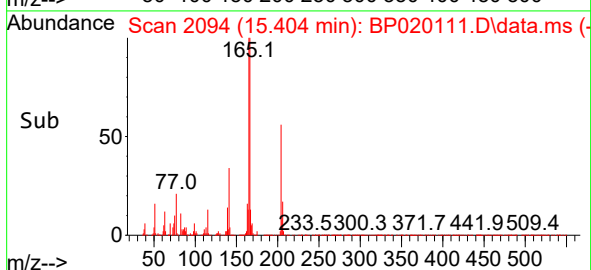
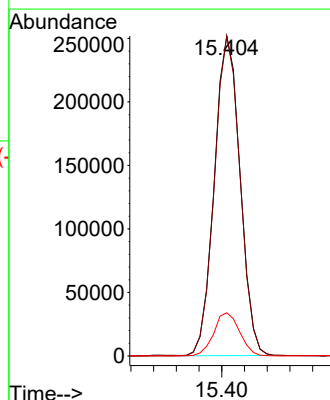
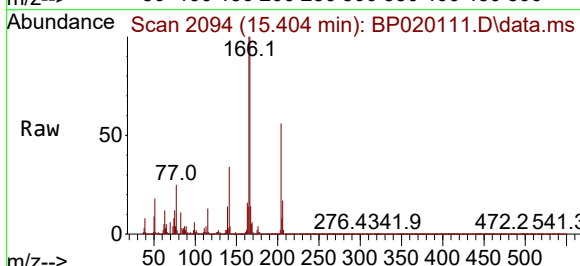
Tgt Ion:166 Resp: 395968

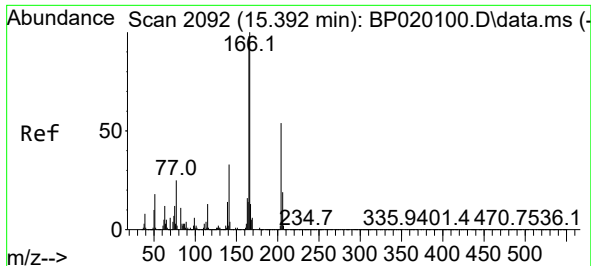
Ion Ratio Lower Upper

166 100

165 100.0 78.0 117.0

167 13.5 10.4 15.6

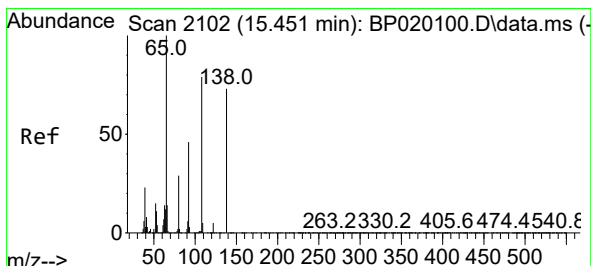
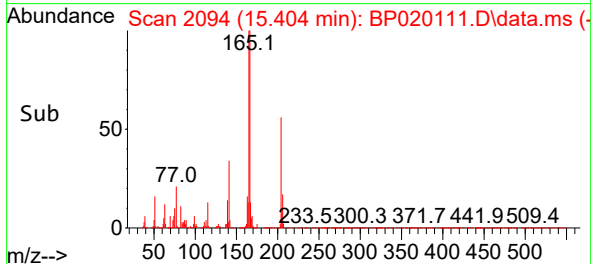
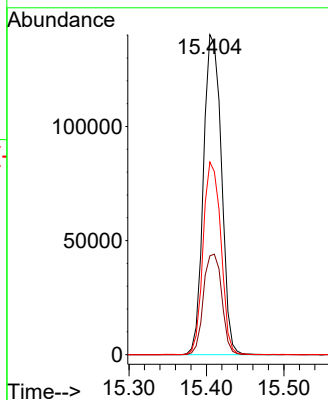
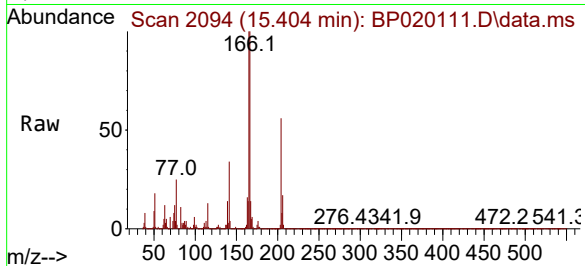




#62
4-Chlorophenyl-phenylether
Concen: 20.681 ng/ul
RT: 15.404 min Scan# 2092
Delta R.T. 0.012 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

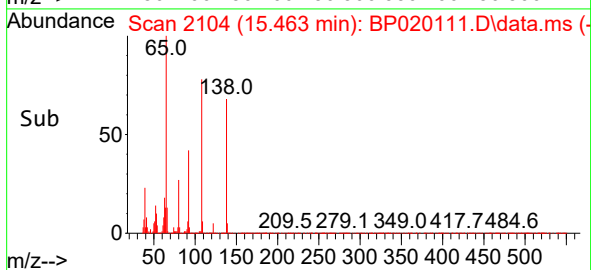
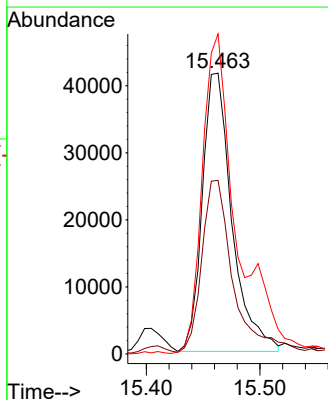
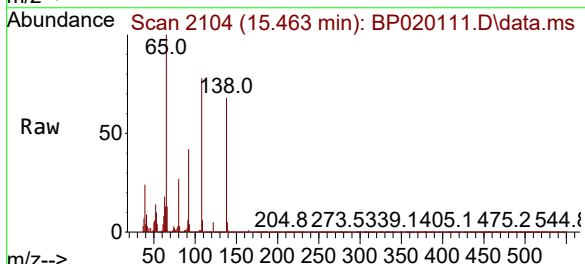
Instrument :
BNA_P
ClientSampleId :
SSTD020776

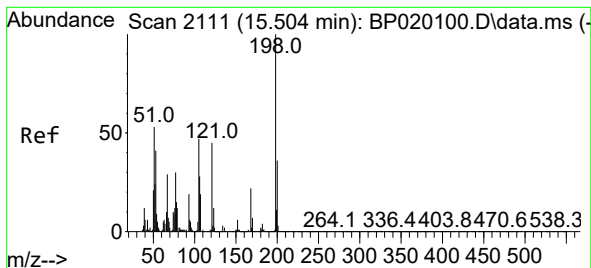
Tgt Ion:204 Resp: 225448
Ion Ratio Lower Upper
204 100
206 30.9 27.4 41.2
141 60.2 48.8 73.2



#63
4-Nitroaniline
Concen: 19.260 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:138 Resp: 75169
Ion Ratio Lower Upper
138 100
92 61.8 49.8 74.8
108 114.0 85.4 128.0

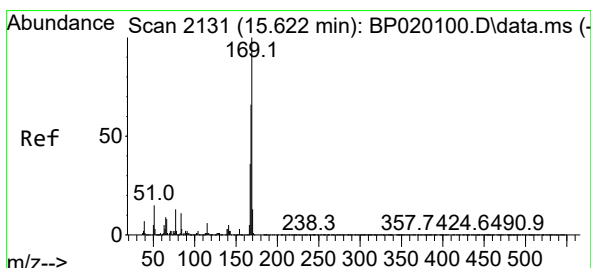
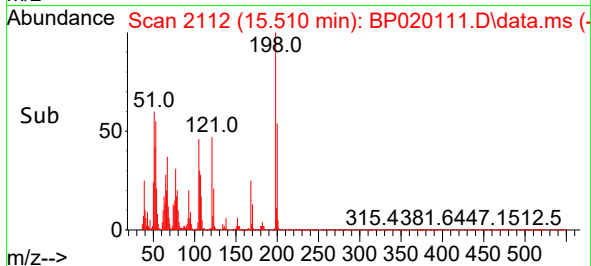
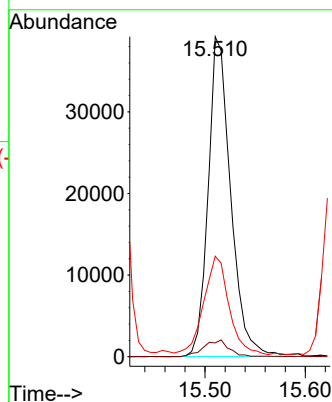
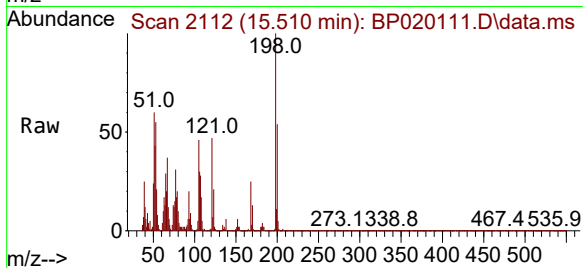




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.144 ng/ul
 RT: 15.510 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: BP020111.D
 Acq: 23 Apr 2024 22:00

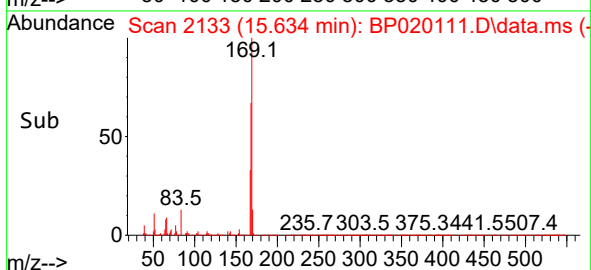
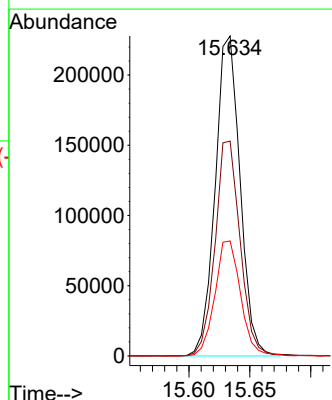
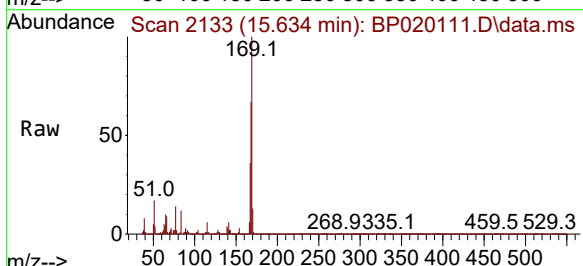
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

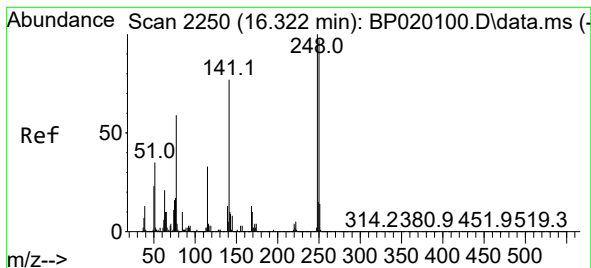
Tgt Ion:198 Resp: 60965
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.0 4.6
 77 31.4 24.9 37.3



#67
 N-Nitrosodiphenylamine
 Concen: 21.413 ng/ul
 RT: 15.634 min Scan# 2133
 Delta R.T. 0.012 min
 Lab File: BP020111.D
 Acq: 23 Apr 2024 22:00

Tgt Ion:169 Resp: 323982
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.0 79.4
 167 35.9 28.9 43.3

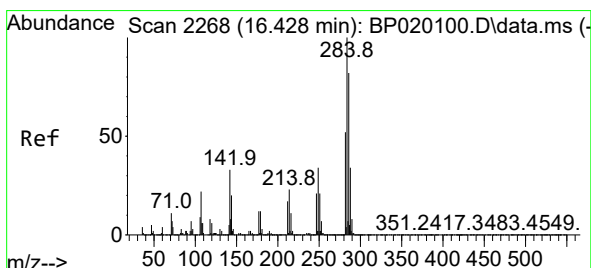
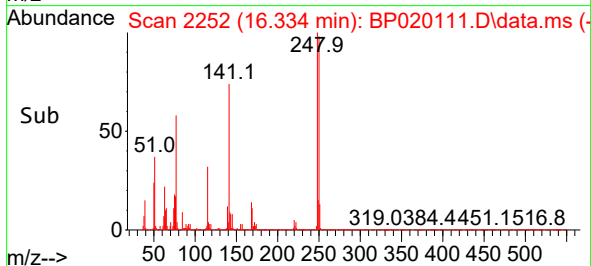
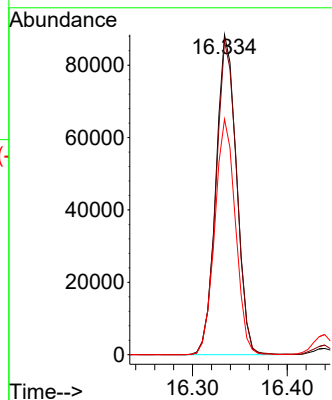
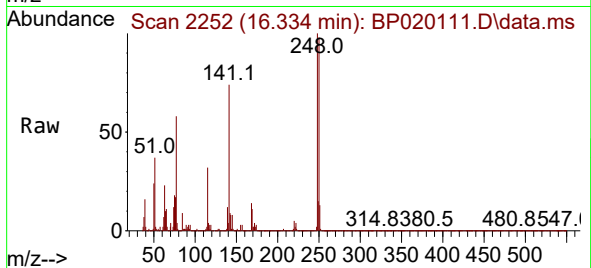




#68
4-Bromophenyl-phenylether
Concen: 21.378 ng/ul
RT: 16.334 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

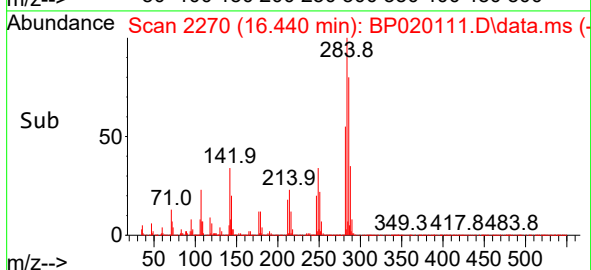
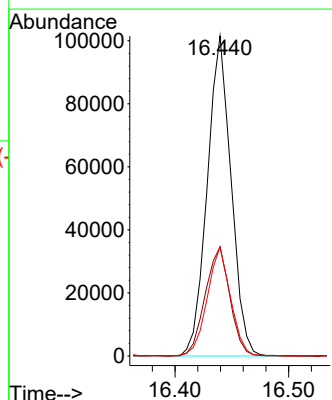
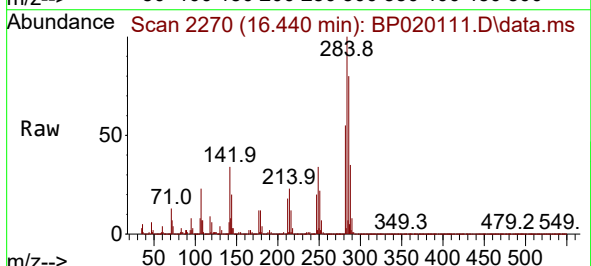
Instrument :
BNA_P
ClientSampleId :
SSTD020776

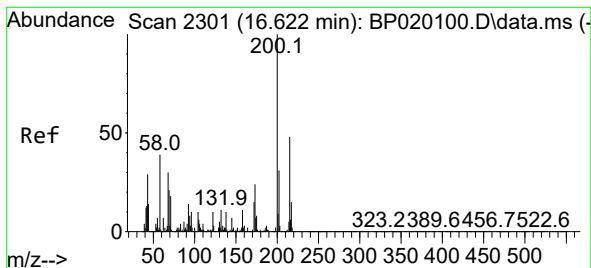
Tgt Ion:248 Resp: 133768
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 73.6 61.4 92.0



#69
Hexachlorobenzene
Concen: 20.895 ng/ul
RT: 16.440 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:284 Resp: 148043
Ion Ratio Lower Upper
284 100
142 34.1 26.2 39.2
249 34.1 27.0 40.4





#70

Atrazine

Concen: 21.839 ng/ul

RT: 16.634 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

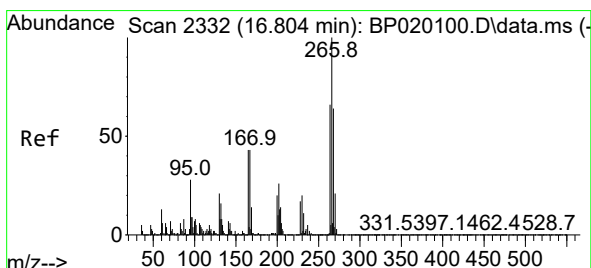
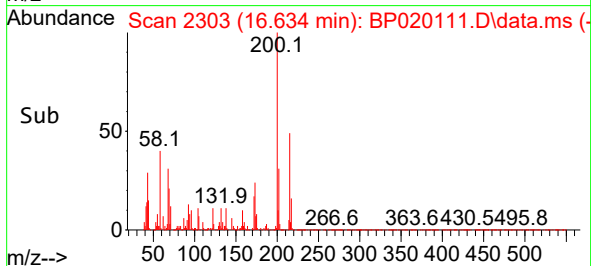
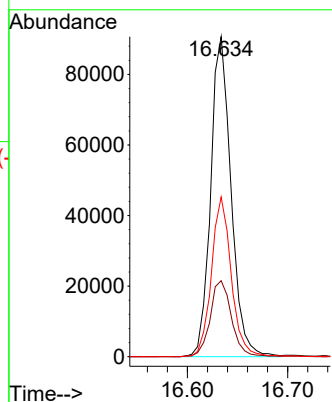
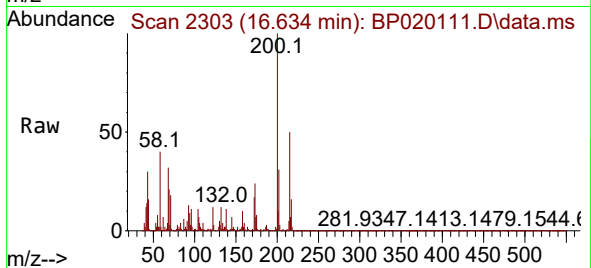
Tgt Ion:200 Resp: 128070

Ion Ratio Lower Upper

200 100

173 23.8 19.1 28.7

215 49.9 38.1 57.1



#71

Pentachlorophenol

Concen: 20.651 ng/ul

RT: 16.810 min Scan# 2333

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

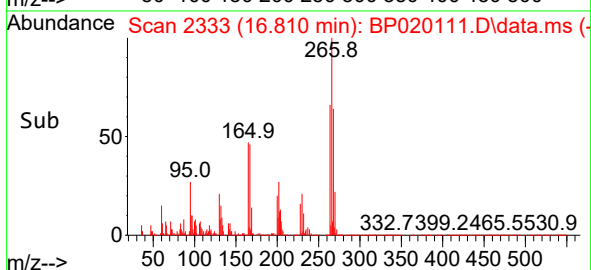
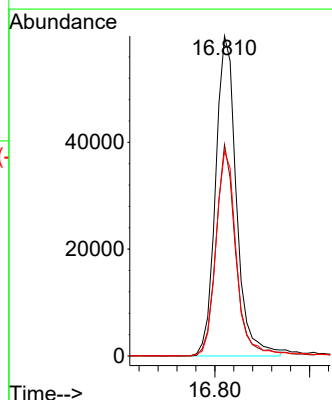
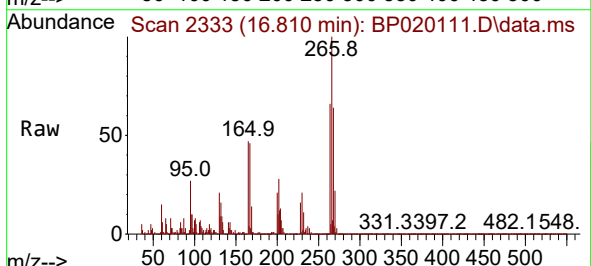
Tgt Ion:266 Resp: 91391

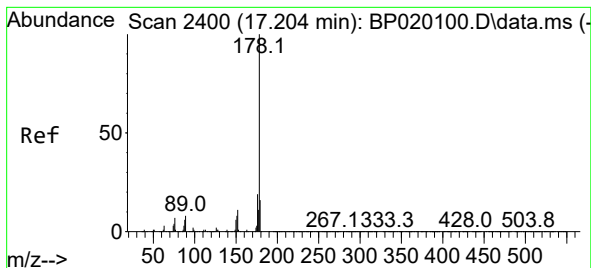
Ion Ratio Lower Upper

266 100

264 66.1 52.8 79.2

268 63.9 51.6 77.4





#72

Phenanthrene

Concen: 20.823 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

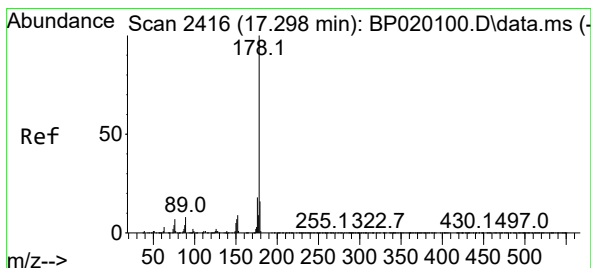
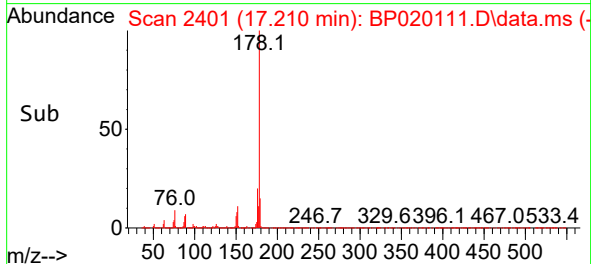
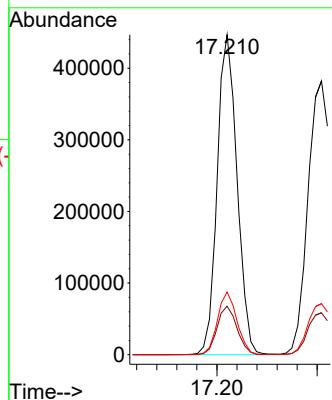
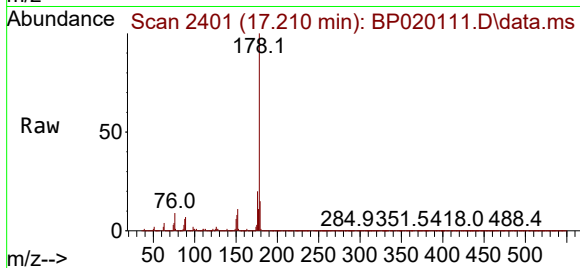
Tgt Ion:178 Resp: 612929

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

176 19.6 15.0 22.4



#74

Anthracene

Concen: 21.031 ng/ul

RT: 17.304 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

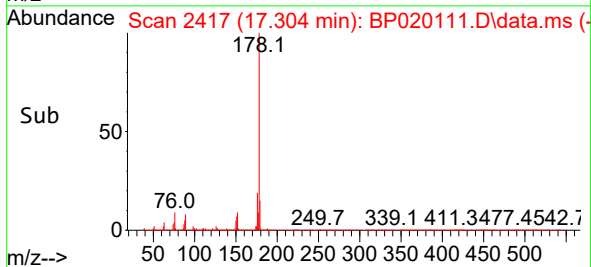
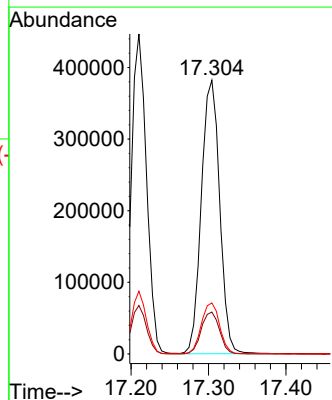
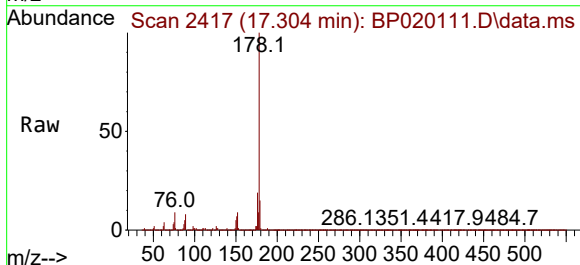
Tgt Ion:178 Resp: 628827

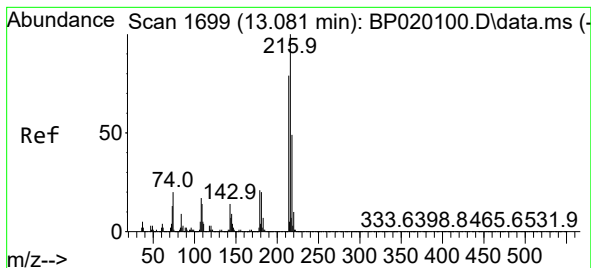
Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 18.6 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.344 ng/uL

RT: 13.087 min Scan# 1699

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

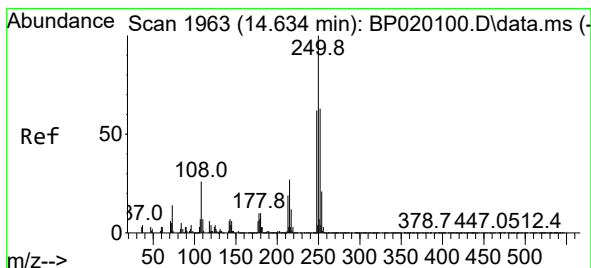
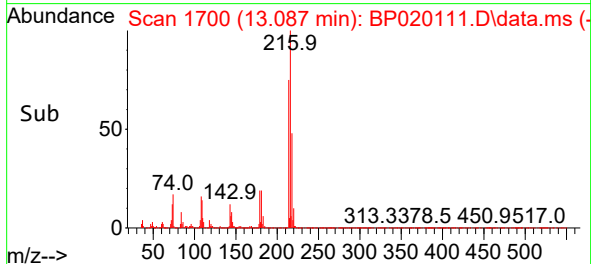
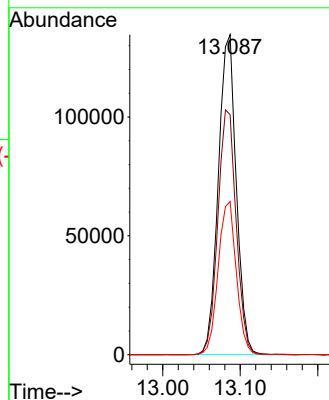
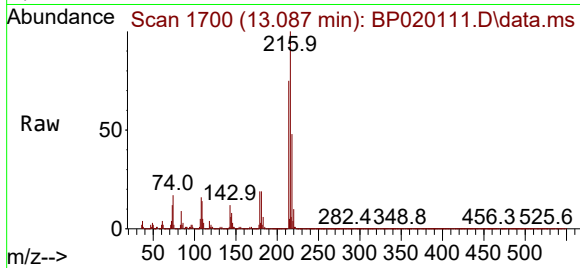
Tgt Ion:216 Resp: 216706

Ion Ratio Lower Upper

216 100

214 75.0 63.0 94.6

218 47.8 38.8 58.2



#76

Pentachlorobenzene

Concen: 22.331 ng/uL

RT: 14.640 min Scan# 1964

Delta R.T. 0.006 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

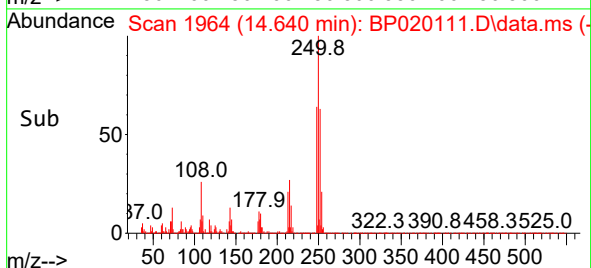
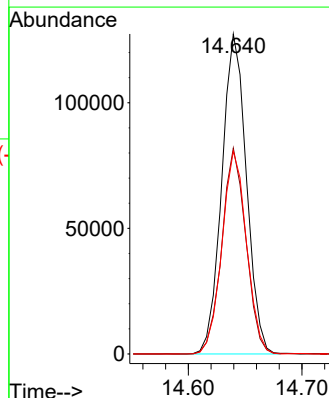
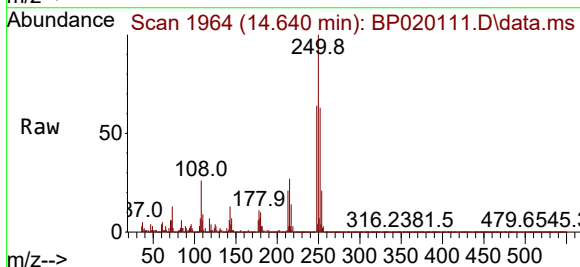
Tgt Ion:250 Resp: 191944

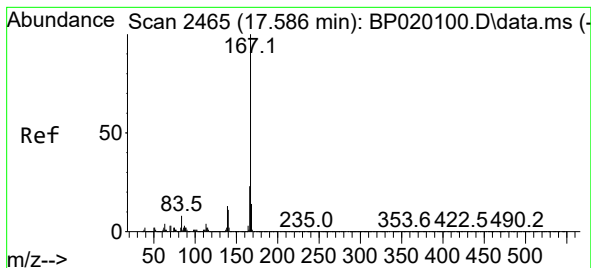
Ion Ratio Lower Upper

250 100

248 64.4 49.5 74.3

252 63.4 50.5 75.7





#77

Carbazole

Concen: 20.741 ng/ul

RT: 17.598 min Scan# 2465

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

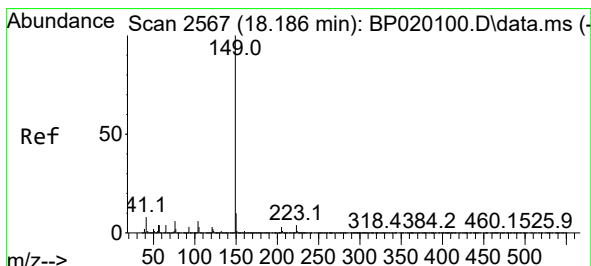
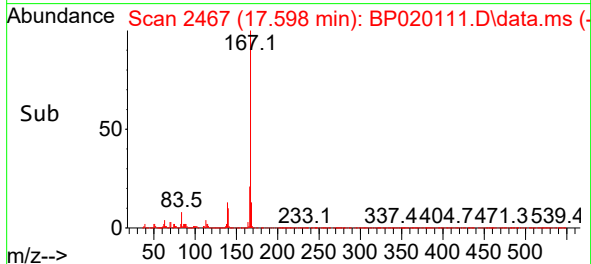
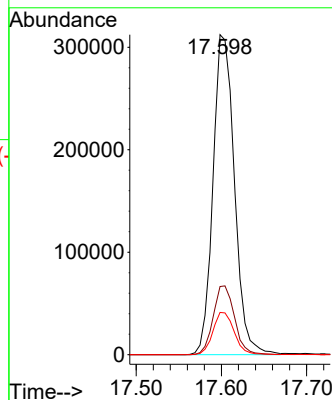
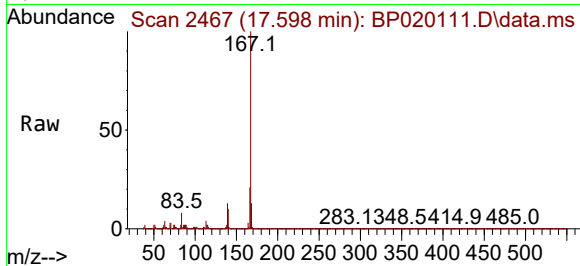
Tgt Ion:167 Resp: 546062

Ion Ratio Lower Upper

167 100

166 21.3 18.0 27.0

139 13.2 10.6 16.0



#78

Di-n-butylphthalate

Concen: 21.304 ng/ul

RT: 18.198 min Scan# 2569

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

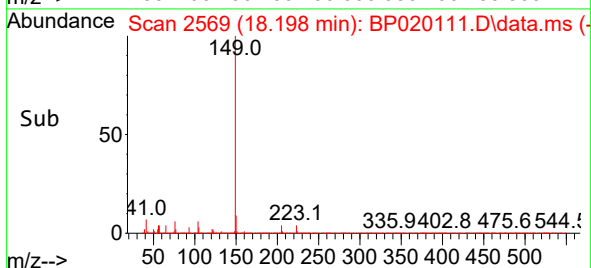
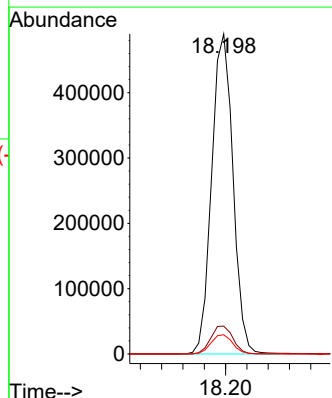
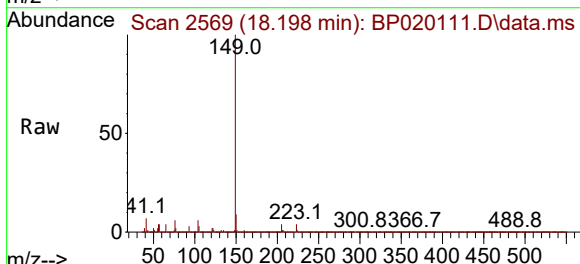
Tgt Ion:149 Resp: 678283

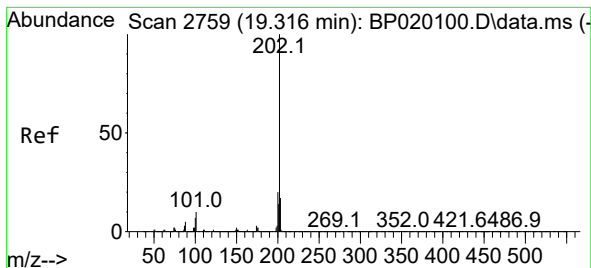
Ion Ratio Lower Upper

149 100

150 8.7 7.6 11.4

104 6.0 4.9 7.3





#80

Fluoranthene

Concen: 20.140 ng/ul

RT: 19.316 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

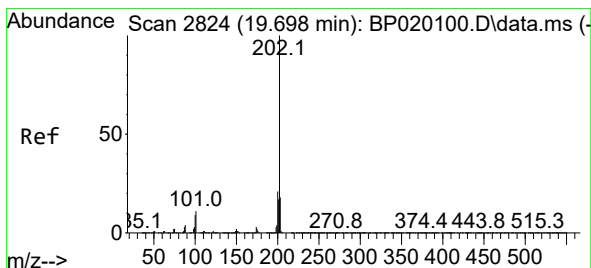
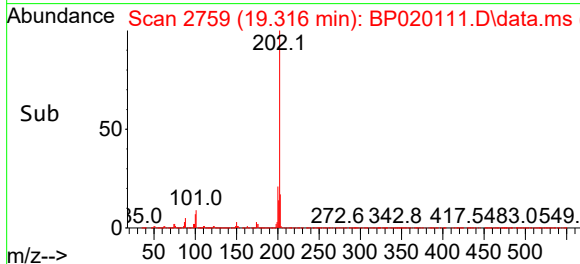
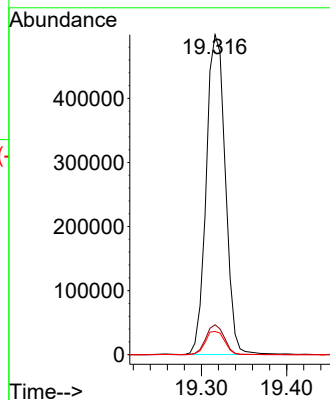
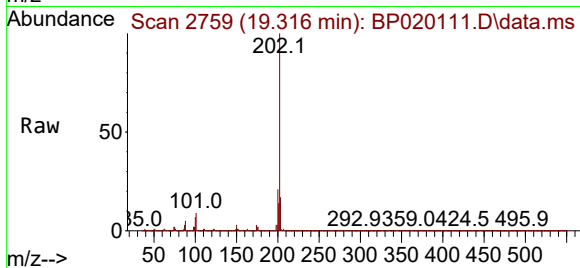
Tgt Ion:202 Resp: 775532

Ion Ratio Lower Upper

202 100

101 9.4 7.7 11.5

100 7.3 5.9 8.9



#82

Pyrene

Concen: 19.902 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

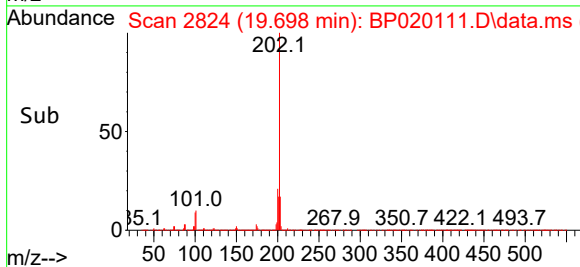
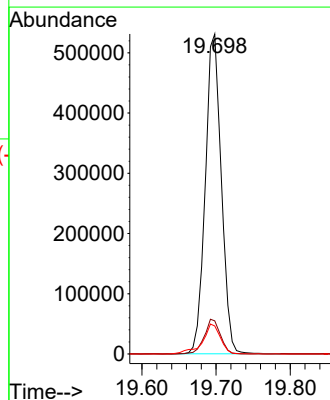
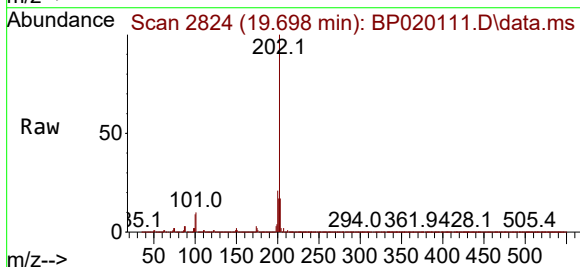
Tgt Ion:202 Resp: 798562

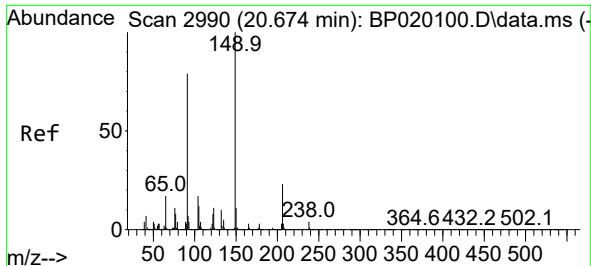
Ion Ratio Lower Upper

202 100

101 10.3 9.1 13.7

100 8.7 7.3 10.9

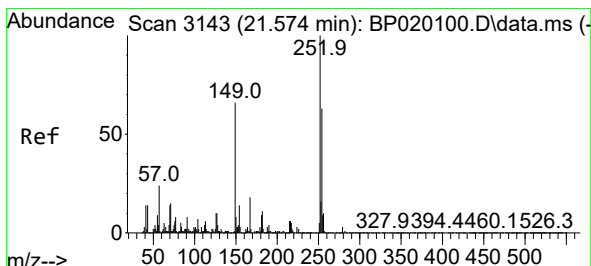
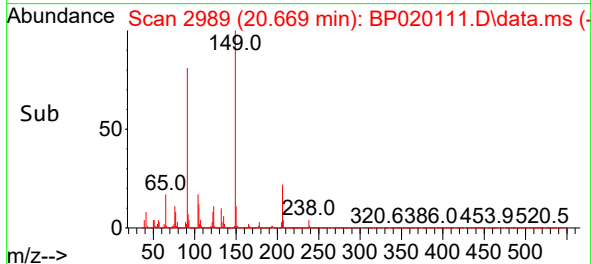
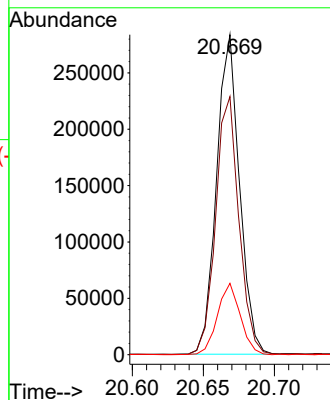
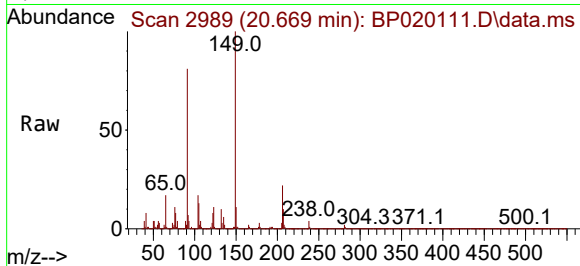




#83
Butylbenzylphthalate
Concen: 19.764 ng/ul
RT: 20.669 min Scan# 2990
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

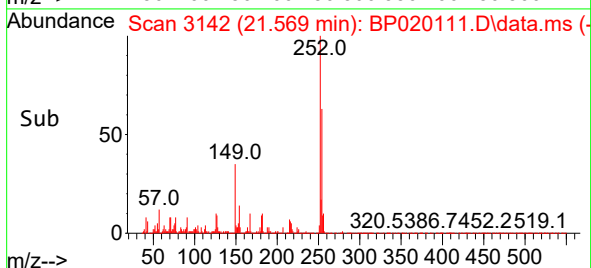
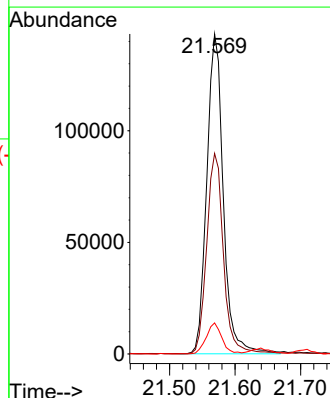
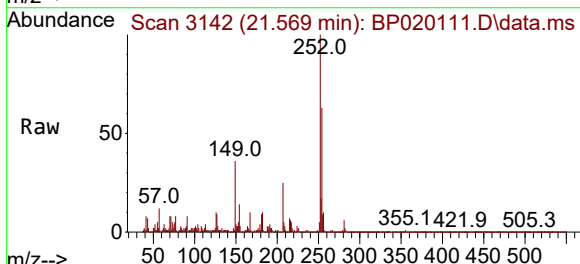
Instrument :
BNA_P
ClientSampleId :
SSTD020776

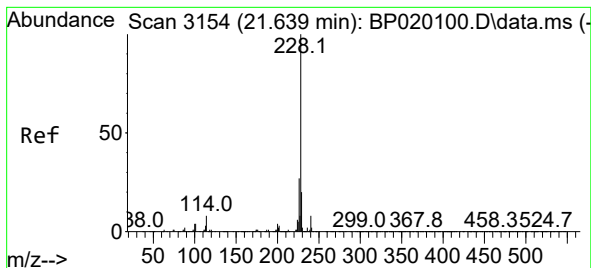
Tgt Ion:149 Resp: 318994
Ion Ratio Lower Upper
149 100
91 80.7 63.3 94.9
206 22.3 18.4 27.6



#84
3,3'-Dichlorobenzidine
Concen: 23.021 ng/ul
RT: 21.569 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:252 Resp: 251381
Ion Ratio Lower Upper
252 100
254 62.6 50.6 75.8
126 9.7 7.8 11.6





#85

Benzo(a)anthracene

Concen: 20.179 ng/ul

RT: 21.639 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

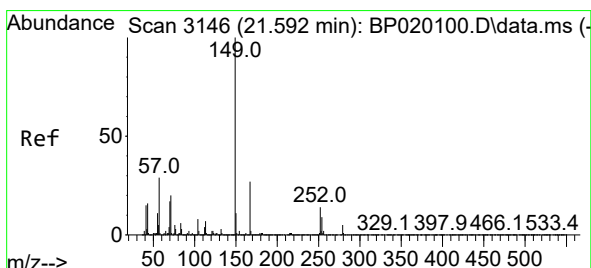
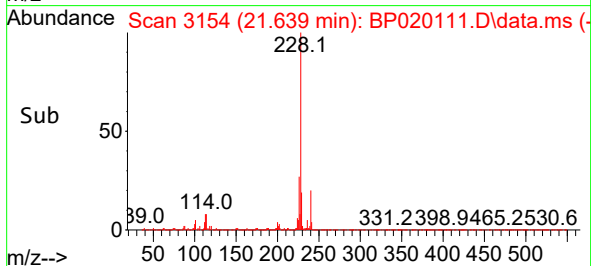
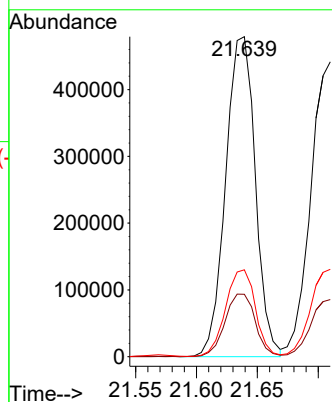
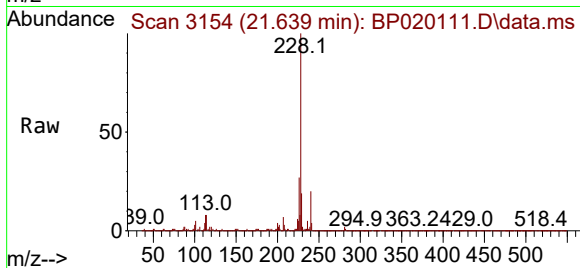
Tgt Ion:228 Resp: 813261

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

226 27.2 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.317 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

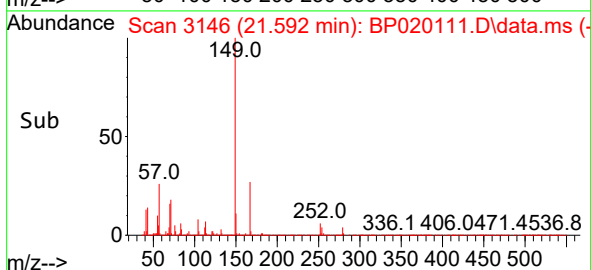
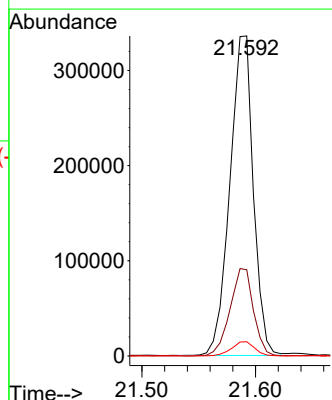
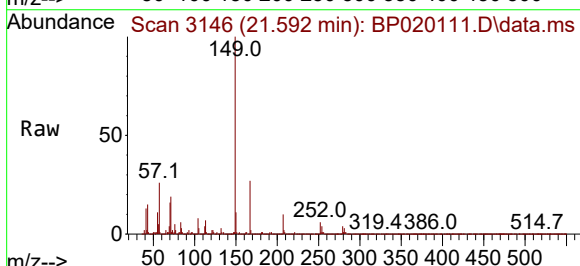
Tgt Ion:149 Resp: 482121

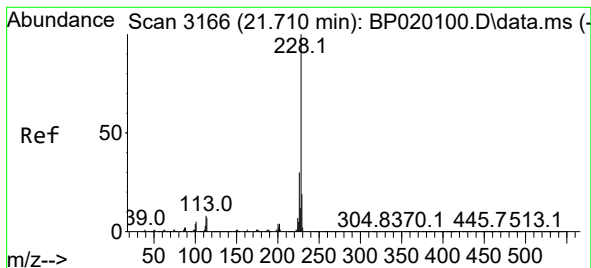
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 4.5 3.8 5.8





#87

Chrysene

Concen: 20.609 ng/ul

RT: 21.710 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

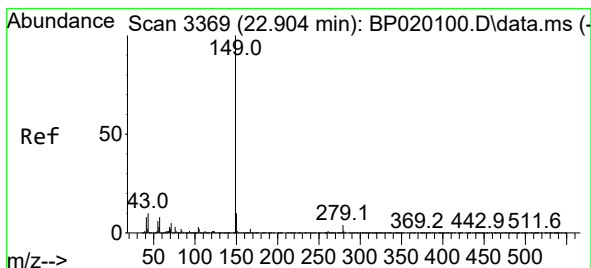
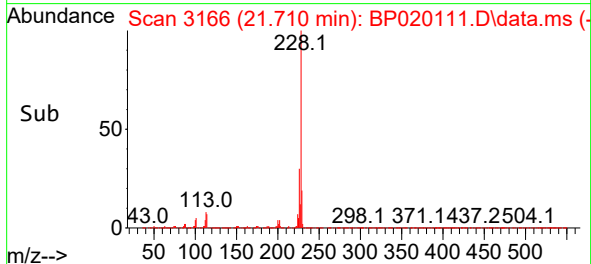
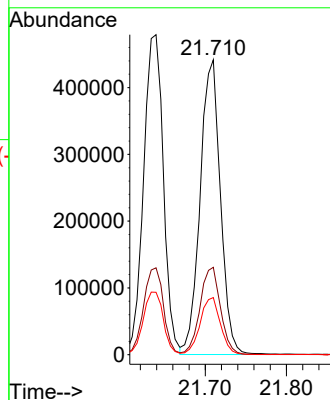
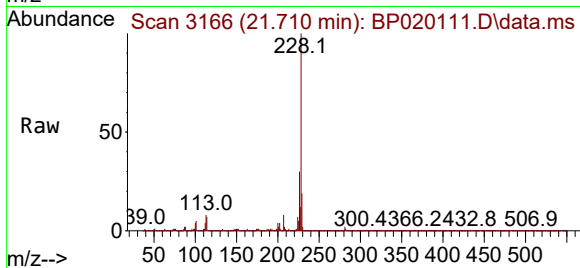
Tgt Ion:228 Resp: 768337

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 20.828 ng/ul

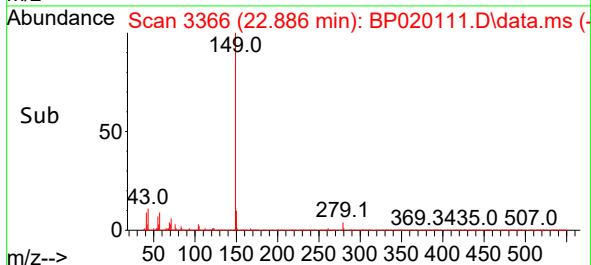
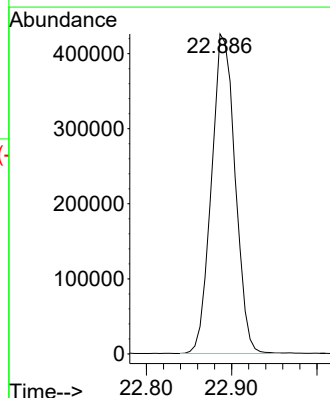
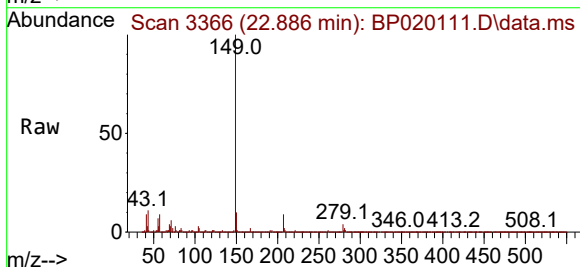
RT: 22.886 min Scan# 3366

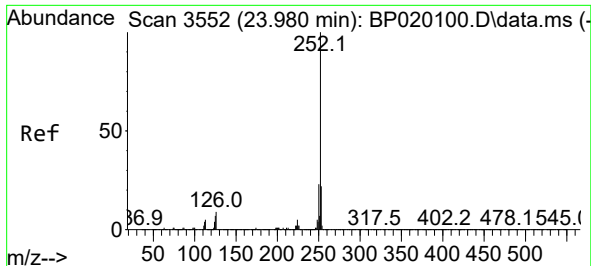
Delta R.T. -0.017 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Tgt Ion:149 Resp: 820127

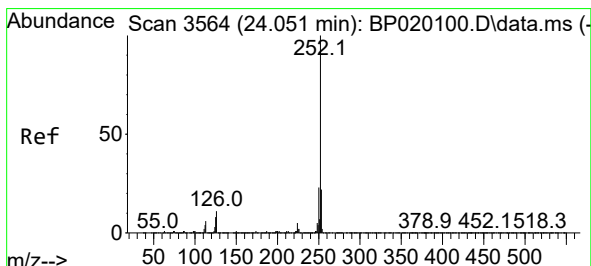
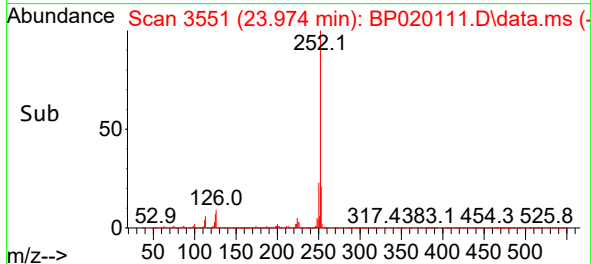
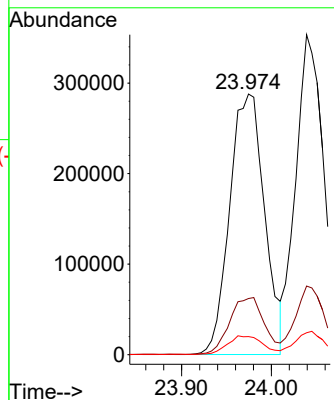
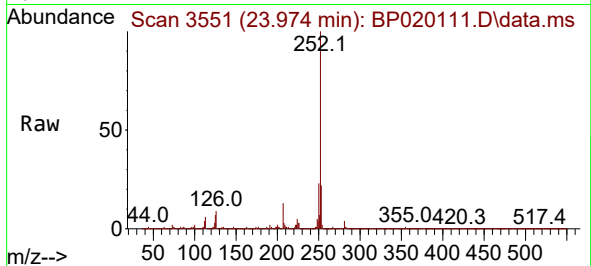




#90
Benzo(b)fluoranthene
Concen: 20.447 ng/ul
RT: 23.974 min Scan# 3551
Delta R.T. -0.006 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

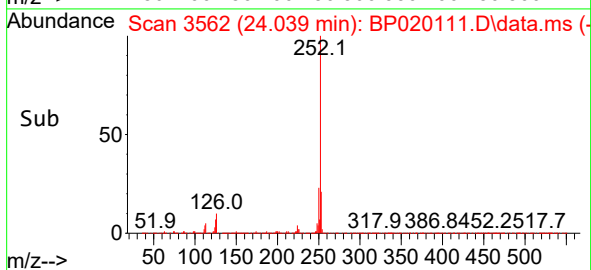
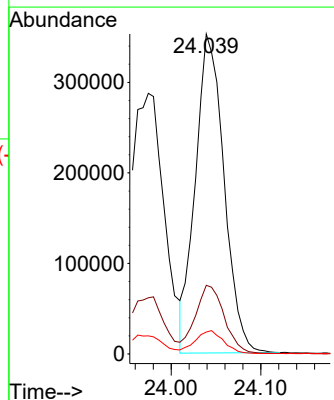
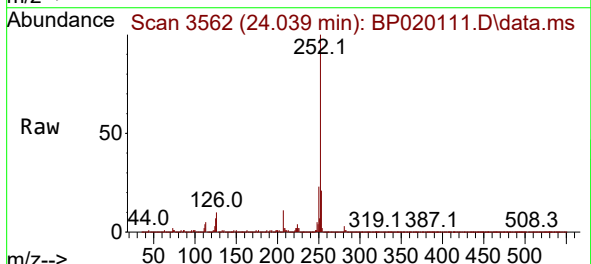
Instrument :
BNA_P
ClientSampleId :
SSTD020776

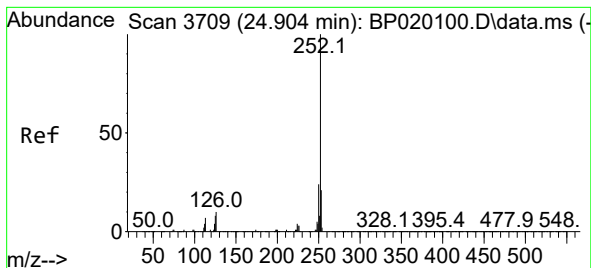
Tgt Ion:252 Resp: 777344
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 7.0 5.7 8.5



#91
Benzo(k)fluoranthene
Concen: 20.976 ng/ul
RT: 24.039 min Scan# 3562
Delta R.T. -0.012 min
Lab File: BP020111.D
Acq: 23 Apr 2024 22:00

Tgt Ion:252 Resp: 781051
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 6.8 6.2 9.4





#93

Benzo(a)pyrene

Concen: 20.984 ng/ul

RT: 24.886 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

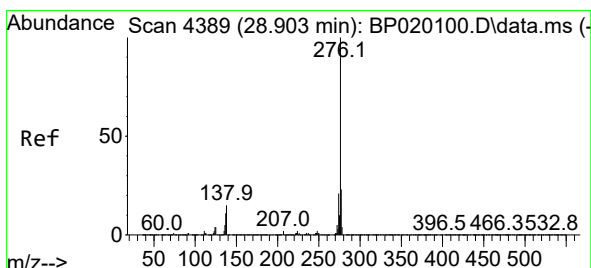
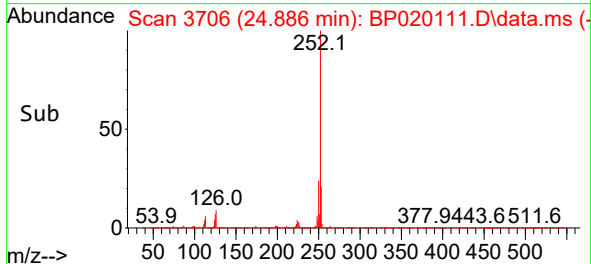
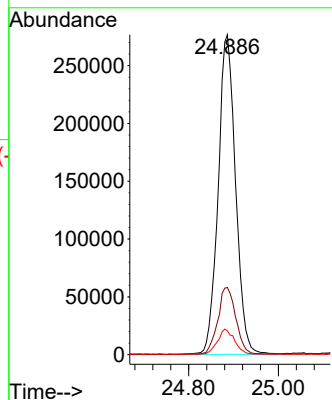
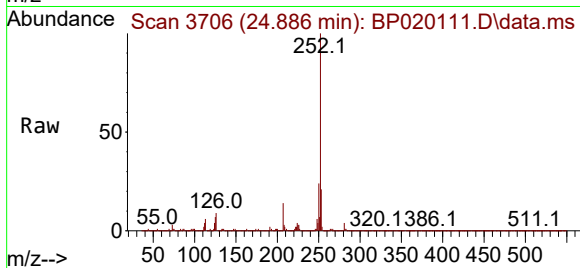
Tgt Ion:252 Resp: 745702

Ion Ratio Lower Upper

252 100

253 21.0 16.8 25.2

125 7.5 6.5 9.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.105 ng/ul

RT: 28.915 min Scan# 4391

Delta R.T. 0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

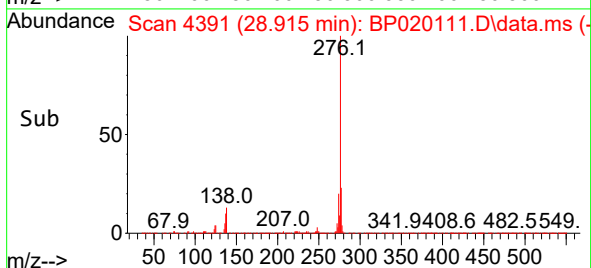
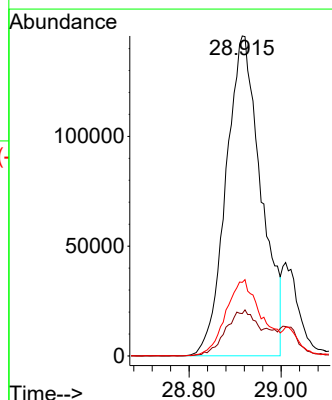
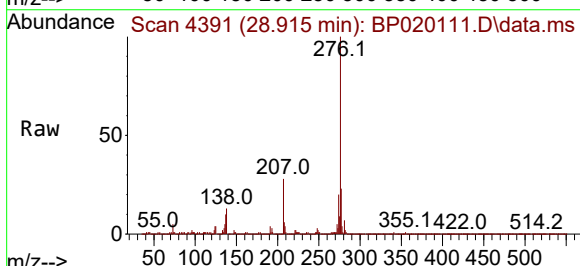
Tgt Ion:276 Resp: 768911

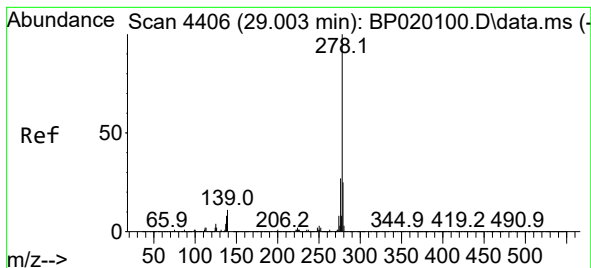
Ion Ratio Lower Upper

276 100

138 13.2 11.7 17.5

277 23.0 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 9.716 ng/ul

RT: 28.992 min Scan# 4406

Delta R.T. -0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SSTD020776

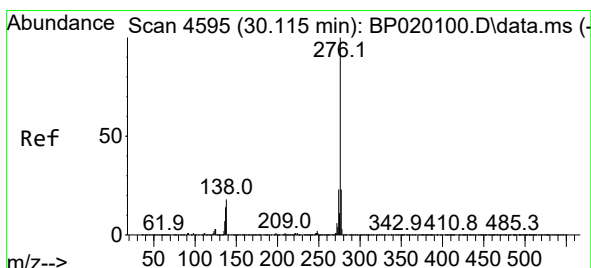
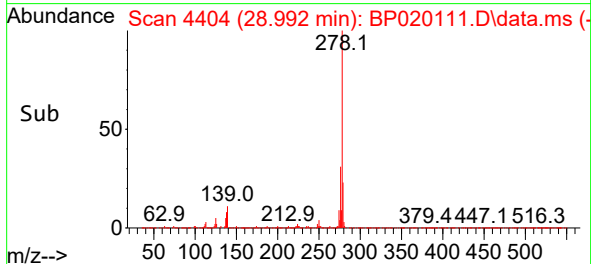
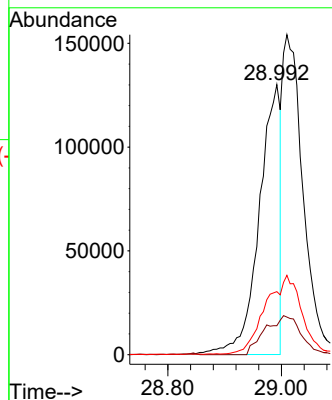
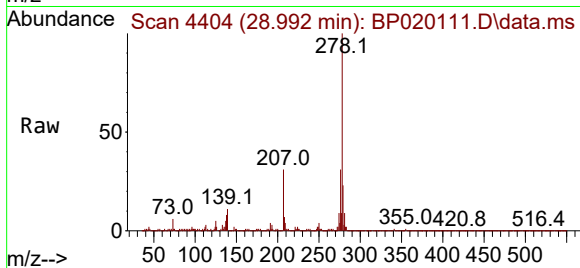
Tgt Ion:278 Resp: 339400

Ion Ratio Lower Upper

278 100

139 10.7 8.8 13.2

279 23.4 20.3 30.5



#96

Benzo(g,h,i)perylene

Concen: 20.491 ng/ul

RT: 30.104 min Scan# 4593

Delta R.T. -0.012 min

Lab File: BP020111.D

Acq: 23 Apr 2024 22:00

Tgt Ion:276 Resp: 689732

Ion Ratio Lower Upper

276 100

138 15.3 14.2 21.4

277 22.3 18.7 28.1

